

X12 Electronic Data Interchange (EDI)

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Table of Contents

X12 Electronic Data Interchange (EDI) 3

Introduction to Transaction Sets 5

Introduction to Segments 700

Introduction to Composite Data Elements 1913

Introduction to Simple Data Elements 1981

Introduction to Control Standards 4543

X12 Electronic Data Interchange (EDI)

X12 boasts more than 320 EDI transaction sets, developed, integrated and tested over the last 40 years. X12 EDI revolutionized business-to-business electronic commerce in the 1970s and 1980s, long before anyone knew to call it B2B e-commerce. X12 EDI today continues to provide a sound and secure solution for high volume messaging.

Foreword

This foreword is not part of the standard but is provided for information only.

The American National Standards Institute (ANSI) was founded in 1918 as the national coordinator for standards in the United States. National standards are developed primarily by trade, technical, professional, consumer, and labor organizations. ANSI itself does not develop standards. It approves a standard only when it has verified evidence presented by a standards developer that those affected by the standard have reached substantial agreement (consensus) on its provisions. Consensus is the heart of the ANSI system. Democracy prevails. ANSI provides an open forum for all concerned interests to identify standards needs, plan to meet those needs, and agree on standards.

ANSI is the

- Coordinator of the U.S. voluntary standards system
- Approval organization for American National Standards
- U.S. member of the International Organization for Standardization (ISO) and International Electrotechnical Commission (IEC)
- Clearinghouse and information center for national and international standards

About X12

X12, chartered by the American National Standards Institute for more than 35 years, develops and maintains EDI standards and XML schemas which drive business processes globally. X12's diverse membership includes technologists and business process experts in health care, insurance, transportation, finance, government, supply chain and other industries.

X12 members meet regularly to develop and maintain EDI standards that streamline and facilitate consistent electronic interchange of business transactions, such as order placement and processing, shipping and receiving information, invoicing, payment and cash application data. With more than 320 transaction standards available for use, X12 standards can be used to conduct nearly every facet of business-to-business operations.

X12 is led by diverse leadership groups, including a Board of Directors and a Steering Committee. The Board is responsible for X12's organizational and business affairs. The Steering Committee oversees operational activities related to the development and publication of EDI Standards and related work products.

The aim of X12 EDI is to structure standards so that computer programs can translate data to and from internal formats without extensive reprogramming. In this way, by using internally developed or commercially available software and private or public-access communication networks, X12 believes that all sizes of firms and institutions using intelligent computational devices can benefit from the use of the standard. The efficiencies of a standard interchange format can minimize the difficulties and

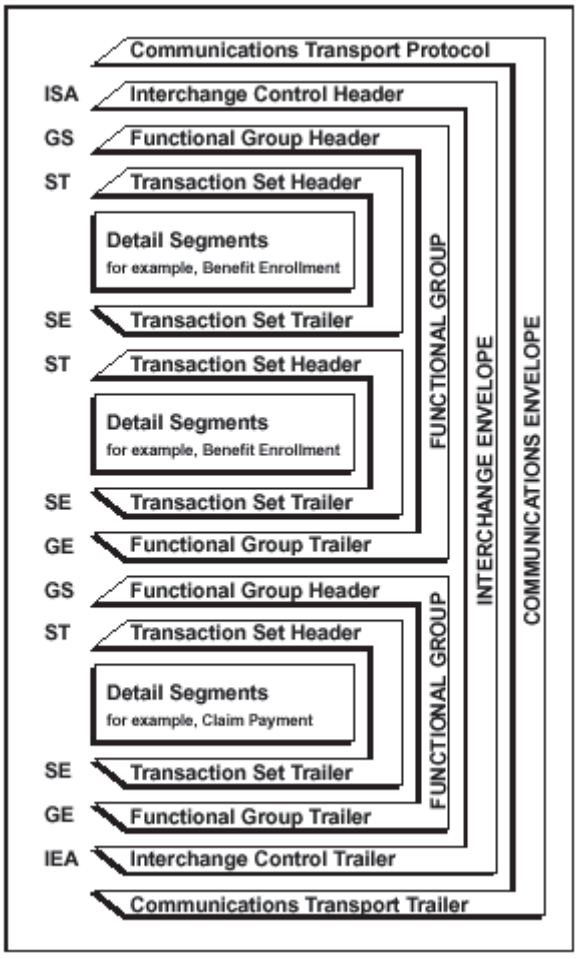
expenses that could be incurred if each institution were to impose its own formats on every institution with which it does business.

In X12, various subcommittees develop new standards that become recommendations for the full X12 membership. The full X12 membership must go through a consensus process before a proposed standard (or any change to a standard) is published as an X12 EDI Standard. Approximaetely every five years, these standards are submitted to ANSI to start the process of consensus approval and registration to become American National Standards (ANSs).

X12 EDI has the following subcommittees:

X12C Communications and Controls	**X12F** Finance	**X12I** Transportation	**X12J** Technical Assessment	**X12M** Supply Chain	**X12N** Insurance

Suggestions for improvement to this material are welcome and should be sent to info@x12.org.



Structure of an EDI Transmission

This introduction is not part of the standard but is provided for information only.

To allow transaction sets of different types to be transmitted from one party to another in the same transmission, a hierarchical structure of headers and trailers allows the data to be segregated logically for easy interpretation by the receiver.

The structures for interchange control (Segments ISA, IEA, and TA1), and the structures of the functional group header and trailer and the transaction set header and trailer are contained in each X12 Segment Directory. Transaction sets begin with an ST segment and end with an SE segment. Multiple transaction sets of the same functional group are transmitted together by beginning such a group with a GS segment and ending the group with a GE segment. One or more functional groups are bound together for transmission within an interchange "envelope" bounded by an ISA segment and an IEA segment.

The drawing schematic to the left illustrates a typical format for electronically transmitting a series of diverse business transactions.

Introduction to Transaction Sets

This introduction is not part of this standard and is provided for information only.

Scope

This section contains the purpose and scope and segment sequence tables for all approved-for-publication ASC X12 transaction sets.

Terms and Definitions

X12.6 Application Control Structure contains the formal definitions of terms related to electronic data interchange and ASC X12 Standards. The following definitions are consistent with those formal definitions and are provided in shortened form to aid in the understanding of this section.

Transaction Set

A transaction set is the collection of data that is exchanged in order to convey meaning between the parties engaged in electronic data interchange. A transaction set is composed of a specific group of segments that represent a common business document (for example, a purchase order or an invoice). Each transaction set consists of the transaction set header (ST) as the first segment and contains at least one data segment before the transaction set trailer (SE).

Transaction Set Identifier

The transaction set identifier is a reference number for the transaction set and is the first data element of the transaction set header segment (ST). Codes for transaction set identifiers are shown in the Data Element Dictionary - Simple Data Elements under Data Element #143, Transaction Set Identifier Code.

Transaction Set Name

Each transaction set is assigned a unique name as specified in this section.

Functional Group Identifier

Each transaction set is assigned a functional group identifier code. This identifier is the first data element of the functional group header segment (GS). The functional group identifier code for each transaction set is defined in the Data Element Dictionary - Simple Data Elements under Data Element #479, Functional Identifier Code. The applicable functional group identifier is also shown at the top of each transaction set after the transaction set name. In cases where no functional group ID is given, the transaction set assumes the functional group ID of the functional group with which it is transmitted.

Purpose and Scope

Each transaction set is assigned a unique purpose and scope as specified in this section.

Data Segment

A segment is the intermediate unit of information in a transaction set. Segments consist of logically related data elements in a defined sequence. Segments have a unique segment identifier that comprises the first characters of the segment. When segments are combined to form a transaction set, their relationship to the transaction set is defined by a segment requirement designator and a segment sequence. Some segments may be repeated, and groups of segments may be repeated as loops.

Segment Sequence

"POS" specifies a position in the segment sequence of a transaction set, as denoted in the tables that comprise this section. (This sequential position number may change from one release to the next if segments are added to or deleted from the transaction set.) Within a transmission, segments shall appear in this order.

Segment Identifier

"ID" specifies a unique identifier composed of a combination of two or three letters or digits as assigned in the Segment Directory.

Segment Name

"NAME" specifies the segment's name as assigned in the Segment Directory.

Segment Requirement Designator

"REQ" specifies one of the following two requirement designators defining its need to appear within the transaction set. The requirement designators shown below are each followed by their code abbreviation in parentheses.

1. Mandatory (M)

This segment shall appear in the transaction set at least once (See Loops of Segments).

2. Optional (O)

The appearance of this segment in the transaction set is either at the option of the sending party or is based on the mutual agreement of the interchange parties.

Maximum Use of Segments

"MAX" specifies the maximum number of times a segment is permitted to appear in succession at a specific position within the transaction set. Segments with segment requirement designators "M" or "O" may be used one or more times at their specific position in the transaction set.

The symbol >1 indicates that segments may be used once or more than once at their specific positions in the transaction set.

Loops of Segments

"REPEAT" specifies the number of times the loop may be used at that specific position in the transaction set. The segments comprising a loop are denoted by borders. Within each bordered area, on a shaded line, a loop identifier displays to the left and the repeat value to the right.

The Symbol >1 indicates that a loop may be used once or more than once.

Loops may be nested within other loops.

If the requirement designator of the first segment in a loop is "M," then at least one iteration of the loop is required.

If a loop is used, the first segment shall be used for each iteration of the loop.

Mandatory segments within a loop are mandatory only if the loop is used.

Transaction Set Tables

The purpose and scope and tables for the transaction sets are shown in this section.

Notes and Comments

Where NOTES (denoted by "N") are provided with the tables, these are considered part of the standard. Where COMMENTS (denoted by "C") are included with the tables, these are not considered part of the standard. Multiple notes and comments could appear for the same segment position.

Where reference is made to a Figures Appendix in a note or comment, refer to the Figures section of this publication.

Any notes and comments follow the last table of each transaction set. The number preceding the text denotes the table/segment position to which the text refers.

Semantic Relations

See X12.59 implementation of EDI Structures-Semantic Impact for a complete discussion of semantic relationships.

Transaction Sets

100 - Insurance Plan Description
101 - Name and Address Lists
102 - Associated Data
103 - Abandoned Property Filings
104 - Air Shipment Information
105 - Business Entity Filings
106 - Motor Carrier Rate Proposal
107 - Request for Motor Carrier Rate Proposal
108 - Response to a Motor Carrier Rate Proposal
109 - Vessel Content Details
110 - Air Freight Details and Invoice
111 - Individual Insurance Policy and Client Information
112 - Property Damage Report
113 - Election Campaign and Lobbyist Reporting
120 - Vehicle Shipping Order
121 - Vehicle Service
124 - Vehicle Damage
125 - Multilevel Railcar Load Details
126 - Vehicle Application Advice
127 - Vehicle Baying Order
128 - Dealer Information
129 - Vehicle Carrier Rate Update
130 - Student Educational Record (Transcript)
131 - Student Educational Record (Transcript) Acknowledgment
132 - Human Resource Information
133 - Educational Institution Record

135 - Student Aid Origination Record
138 - Educational Testing and Prospect Request and Report
139 - Student Loan Guarantee Result
140 - Product Registration
141 - Product Service Claim Response
142 - Product Service Claim
143 - Product Service Notification
144 - Student Loan Transfer and Status Verification
146 - Request for Student Educational Record (Transcript)
147 - Response to Request for Student Educational Record (Transcript)
148 - Report of Injury, Illness or Incident
149 - Notice of Tax Adjustment or Assessment
150 - Tax Rate Notification
151 - Electronic Filing of Tax Return Data Acknowledgment
152 - Statistical Government Information
153 - Unemployment Insurance Tax Claim or Charge Information
154 - Secured Interest Filing
155 - Business Credit Report
157 - Notice of Power of Attorney
158 - Tax Jurisdiction Sourcing
159 - Motion Picture Booking Confirmation
160 - Transportation Automatic Equipment Identification
161 - Train Sheet
163 - Transportation Appointment Schedule Information
170 - Revenue Receipts Statement
175 - Court and Law Enforcement Notice
176 - Court Submission

179 - Environmental Compliance Reporting
180 - Return Merchandise Authorization and Notification
185 - Royalty Regulatory Report
186 - Insurance Underwriting Requirements Reporting
187 - Premium Audit Request and Return
188 - Educational Course Inventory
189 - Application for Admission to Educational Institutions
190 - Student Enrollment Verification
191 - Student Loan Pre-Claims and Claims
194 - Grant or Assistance Application
195 - Federal Communications Commission (FCC) License Application
196 - Contractor Cost Data Reporting
197 - Real Estate Title Evidence
198 - Loan Verification Information
199 - Real Estate Settlement Information
200 - Mortgage Credit Report
201 - Residential Loan Application
202 - Secondary Mortgage Market Loan Delivery
203 - Secondary Mortgage Market Investor Report
204 - Motor Carrier Load Tender
205 - Mortgage Note
206 - Real Estate Inspection
210 - Motor Carrier Freight Details and Invoice
211 - Motor Carrier Bill of Lading
212 - Motor Carrier Delivery Trailer Manifest
213 - Motor Carrier Shipment Status Inquiry
214 - Transportation Carrier Shipment Status Message

215 - Motor Carrier Pickup Manifest
216 - Motor Carrier Shipment Pickup Notification
217 - Motor Carrier Loading and Route Guide
219 - Logistics Service Request
220 - Logistics Service Response
222 - Cartage Work Assignment
223 - Consolidators Freight Bill and Invoice
224 - Motor Carrier Summary Freight Bill Manifest
225 - Response to a Cartage Work Assignment
227 - Trailer Usage Report
228 - Equipment Inspection Report
240 - Motor Carrier Package Status
242 - Data Status Tracking
244 - Product Source Information
245 - Real Estate Tax Service Response
248 - Account Assignment/Inquiry and Service/Status
249 - Animal Toxicological Data
250 - Purchase Order Shipment Management Document
251 - Pricing Support
252 - Insurance Producer Administration
255 - Underwriting Information Services
256 - Periodic Compensation
259 - Residential Mortgage Insurance Explanation of Benefits
260 - Application for Mortgage Insurance Benefits
261 - Real Estate Information Request
262 - Real Estate Information Report
263 - Residential Mortgage Insurance Application Response

264 - Mortgage Loan Default Status
265 - Real Estate Title Insurance Services Order
266 - Mortgage or Property Record Change Notification
267 - Individual Life, Annuity and Disability Application
268 - Annuity Activity
269 - Health Care Benefit Coordination Verification
270 - Eligibility, Coverage or Benefit Inquiry
271 - Eligibility, Coverage or Benefit Information
272 - Property and Casualty Loss Notification
273 - Insurance/Annuity Application Status
274 - Healthcare Provider Information
275 - Patient Information
276 - Health Care Claim Status Request
277 - Health Care Information Status Notification
278 - Health Care Services Review Information
280 - Voter Registration Information
283 - Tax or Fee Exemption Certification
284 - Commercial Vehicle Safety Reports
285 - Commercial Vehicle Safety and Credentials Information Exchange
286 - Commercial Vehicle Credentials
288 - Wage Determination
290 - Cooperative Advertising Agreements
300 - Reservation (Booking Request) (Ocean)
301 - Confirmation (Ocean)
303 - Booking Cancellation (Ocean)
304 - Shipping Instructions
309 - Customs Manifest

310 - Freight Receipt and Invoice (Ocean)
311 - Canada Customs Information
312 - Arrival Notice (Ocean)
313 - Shipment Status Inquiry (Ocean)
315 - Status Details (Ocean)
317 - Delivery/Pickup Order
319 - Terminal Information
322 - Terminal Operations and Intermodal Ramp Activity
323 - Vessel Schedule and Itinerary (Ocean)
324 - Vessel Stow Plan (Ocean)
325 - Consolidation of Goods In Container
326 - Consignment Summary List
350 - Customs Status Information
352 - Customs Carrier General Order Status
353 - Customs Events Advisory Details
354 - Customs Automated Manifest Archive Status
355 - Customs Acceptance/Rejection
356 - Customs Permit to Transfer Request
357 - Customs In-Bond Information
358 - Customs Consist Information
359 - Customs Customer Profile Management
361 - Carrier Interchange Agreement (Ocean)
362 - Cargo Insurance Advice of Shipment
404 - Rail Carrier Shipment Information
410 - Rail Carrier Freight Details and Invoice
412 - Trailer or Container Repair Billing
414 - Rail Carhire Settlements

417 - Rail Carrier Waybill Interchange
418 - Rail Advance Interchange Consist
419 - Advance Car Disposition
420 - Car Handling Information
421 - Estimated Time of Arrival and Car Scheduling
422 - Equipment Order
423 - Rail Industrial Switch List
424 - Rail Carrier Services Settlement
425 - Rail Waybill Request
426 - Rail Revenue Waybill
429 - Railroad Retirement Activity
431 - Railroad Station Master File
432 - Rail Car Hire Rate Negotiation
433 - Railroad Reciprocal Switch File
434 - Railroad Mark Register Update Activity
435 - Standard Transportation Commodity Code Master
436 - Locomotive Information
437 - Railroad Junctions and Interchanges Activity
440 - Shipment Weights
451 - Railroad Event Report
452 - Railroad Problem Log Inquiry or Advice
453 - Railroad Service Commitment Advice
455 - Railroad Parameter Trace Registration
456 - Railroad Equipment Inquiry or Advice
460 - Railroad Price Distribution Request or Response
463 - Rail Rate Reply
466 - Rate Request

468 - Rate Docket Journal Log
470 - Railroad Clearance
475 - Rail Route File Maintenance
485 - Ratemaking Action
486 - Rate Docket Expiration
490 - Rate Group Definition
492 - Miscellaneous Rates
494 - Rail Scale Rates
500 - Medical Event Reporting
501 - Vendor Performance Review
503 - Pricing History
504 - Clauses and Provisions
511 - Requisition
517 - Material Obligation Validation
521 - Income or Asset Offset
527 - Material Due-In and Receipt
536 - Logistics Reassignment
540 - Notice of Employment Status
561 - Contract Abstract
567 - Contract Completion Status
568 - Contract Payment Management Report
601 - Customs Export Shipment Information
603 - Transportation Equipment Registration
620 - Excavation Communication
625 - Well Information
650 - Maintenance Service Order
715 - Intermodal Group Loading Plan

753 - Request for Routing Instructions
754 - Routing Instructions
805 - Contract Pricing Proposal
806 - Project Schedule Reporting
810 - Invoice
811 - Consolidated Service Invoice/Statement
812 - Credit/Debit Adjustment
813 - Electronic Filing of Tax Return Data
814 - General Request, Response or Confirmation
815 - Cryptographic Service Message
816 - Organizational Relationships
818 - Commission Sales Report
819 - Joint Interest Billing and Operating Expense Statement
820 - Payment Order/Remittance Advice
821 - Financial Information Reporting
822 - Account Analysis
823 - Lockbox
824 - Application Advice
826 - Tax Information Exchange
827 - Financial Return Notice
828 - Debit Authorization
829 - Payment Cancellation Request
830 - Planning Schedule with Release Capability
831 - Application Control Totals
832 - Price/Sales Catalog
833 - Mortgage Credit Report Order
834 - Benefit Enrollment and Maintenance

835 - Health Care Claim Payment/Advice
836 - Procurement Notices
837 - Health Care Claim
838 - Trading Partner Profile
839 - Project Cost Reporting
840 - Request for Quotation
841 - Specifications/Technical Information
842 - Nonconformance Report
843 - Response to Request for Quotation
844 - Product Transfer Account Adjustment
845 - Price Authorization Acknowledgment/Status
846 - Inventory Inquiry/Advice
847 - Material Claim
848 - Material Safety Data Sheet
849 - Response to Product Transfer Account Adjustment
850 - Purchase Order
851 - Asset Schedule
852 - Product Activity Data
853 - Routing and Carrier Instruction
854 - Shipment Delivery Discrepancy Information
855 - Purchase Order Acknowledgment
856 - Ship Notice/Manifest
857 - Shipment and Billing Notice
858 - Shipment Information
859 - Freight Invoice
860 - Purchase Order Change Request - Buyer Initiated
861 - Receiving Advice/Acceptance Certificate

862 - Shipping Schedule
863 - Report of Test Results
864 - Text Message
865 - Purchase Order Change Acknowledgment/Request - Seller Initiated
866 - Production Sequence
867 - Product Transfer and Resale Report
868 - Electronic Form Structure
869 - Order Status Inquiry
870 - Order Status Report
872 - Residential Mortgage Insurance Application
873 - Commodity Movement Services
874 - Commodity Movement Services Response
875 - Grocery Products Purchase Order
876 - Grocery Products Purchase Order Change
877 - Manufacturer Coupon Family Code Structure
878 - Product Authorization/De-authorization
879 - Price Information
880 - Grocery Products Invoice
881 - Manufacturer Coupon Redemption Detail
882 - Direct Store Delivery Summary Information
883 - Market Development Fund Allocation
884 - Market Development Fund Settlement
885 - Retail Account Characteristics
886 - Customer Call Reporting
887 - Coupon Notification
888 - Item Maintenance
889 - Promotion Announcement

890 - Contract & Rebate Management Transaction
891 - Deduction Research Report
892 - Trading Partner Performance Measurement
893 - Item Information Request
894 - Delivery/Return Base Record
895 - Delivery/Return Acknowledgment or Adjustment
896 - Product Dimension Maintenance
897 - Data Synchronization
920 - Loss or Damage Claim - General Commodities
924 - Loss or Damage Claim - Motor Vehicle
925 - Claim Tracer
926 - Claim Status Report and Tracer Reply
928 - Automotive Inspection Detail
940 - Warehouse Shipping Order
943 - Warehouse Stock Transfer Shipment Advice
944 - Warehouse Stock Transfer Receipt Advice
945 - Warehouse Shipping Advice
947 - Warehouse Inventory Adjustment Advice
980 - Functional Group Totals
990 - Response to a Load Tender
993 - Secured Receipt or Acknowledgment
996 - File Transfer
997 - Functional Acknowledgment
998 - Set Cancellation
999 - Implementation Acknowledgment

100 - Insurance Plan Description

FUNCTIONAL GROUP=**PG**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Insurance Plan Description Transaction Set (100) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set is used to transmit life insurance, annuity, and disability insurance product availability and features, historical performance, investment options, distributions channels, and offering company information.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	C3	Currency Identifier	O	1	
	0400	DTP	Date or Time or Period	O	>1	
	LOOP ID - NM1					>1
N	0500	NM1	Individual or Organizational Name	M	1	
	0600	N3	Party Location	O	3	
	0700	N4	Geographic Location	O	1	
	0800	REF	Reference Information	O	9	
	0900	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - N1					>1
N	0100	N1	Party Identification	M	1	
	0200	N2	Additional Name Information	O	>1	
	0300	N3	Party Location	O	3	
	0400	N4	Geographic Location	O	1	
	0500	COM	Communication Contact Information	O	9	
	0600	III	Information	O	9	
	0700	MSG	Message Text	O	>1	
	LOOP ID - PER					>1
	0800	PER	Administrative Communications Contact	O	1	
	0900	N3	Party Location	O	3	
	1000	N4	Geographic Location	O	1	
	LOOP ID - PID					>1
N	1100	PID	Product/Item Description	O	1	
	1200	LIN	Item Identification	O	9	
	1300	DTP	Date or Time or Period	O	>1	
	1400	NM1	Individual or Organizational Name	O	>1	
	LOOP ID - BLI					>1
N	1500	BLI	Basic Baseline Item Data	O	1	
	1600	DTP	Date or Time or Period	O	>1	

	1700	III	Information	O	>1	
	1800	AMT	Monetary Amount Information	O	>1	
	1900	QTY	Quantity Information	O	>1	
LOOP ID - SI						>1
	2000	SI	Service Characteristic Identification	O	1	
	2100	AMT	Monetary Amount Information	O	>1	
	2200	QTY	Quantity Information	O	>1	
LOOP ID - AM1						>1
N	2300	AM1	Informational Values	O	1	
	2400	MSG	Message Text	O	>1	
LOOP ID - PO1						>1
N	2500	PO1	Baseline Item Data	O	1	
	2600	LIN	Item Identification	O	9	
	2700	SPA	Status of Product or Activity	O	3	
	2800	III	Information	O	>1	
LOOP ID - N4						>1
N	2900	N4	Geographic Location	O	1	
	3000	SPA	Status of Product or Activity	O	3	
LOOP ID - AM1						>1
N	3100	AM1	Informational Values	O	1	
	3200	MSG	Message Text	O	>1	
LOOP ID - PO1						>1
N	3300	PO1	Baseline Item Data	O	1	
	3400	SPA	Status of Product or Activity	O	3	
	3500	III	Information	O	>1	
	3600	SE	Transaction Set Trailer	M	1	

Notes

1/0500 The NM1 loop provides information about the sending and receiving parties.
2/0100 The N1 loop repeats for each individual company.
2/1100 The PID loop repeats for each plan.
2/1500 The BLI loop is used to report plan service features.
2/2300 The AM1 loop describes plan rules.
2/2500 The PO1 loop describes investment funds applicable to the plan.
2/2900 The N4 loop describes state availability and exceptions for each plan.
2/3100 The AM1 loop is used to report state rule exceptions.
2/3300 The PO1 loop reports investment fund state exceptions.

101 - Name and Address Lists

FUNCTIONAL GROUP=**NL**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Name and Address Lists Transaction Set (101) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction can be used to facilitate the rental or exchange of name and address mailing lists between direct marketing companies.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - DTM					>1
	0300	DTM	Date/Time Reference	M	1	
N	0400	N1	Party Identification	M	>1	
	LOOP ID - N9					>1
	0450	N9	Extended Reference Information	O	1	
	LOOP ID - LX					>1
	0500	LX	Transaction Set Line Number	M	1	
N	0600	IN2	Individual Name Structure Components	O	>1	
N	0700	NX2	Location ID Component	O	>1	
	0800	REF	Reference Information	O	>1	
	0900	SPA	Status of Product or Activity	O	1	
	1000	COM	Communication Contact Information	O	>1	
	1100	SE	Transaction Set Trailer	M	1	

Notes

1/0400 The N1 segment identifies the source responsible for the creation of the information.
1/0600 The IN2 segment is used to communicate the name components.
1/0700 The NX2 segment is used to communicate the address components.

102 - Associated Data

FUNCTIONAL GROUP=**AC**
SUBCOMMITTEE=**C**

This X12 Transaction Set contains the format and establishes the data contents of the Associated Data Transaction Set (102) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set may be used to convey associated data. Associated data is defined as an object, a set of functionally-related information not using the usual transaction set structure in segments. The complete set of information constituting an object, including the information necessary to uniquely identify an object, is defined as a package. Objects may include graphic, text, parametric, tabular, image, spectral, audio, etc. data. The character set repertoire of an object is not governed by the character set repertoire identified for any accompanying transaction sets contained in the interchange.

Associated data may be linked with other business transactions as an augmentation to other functional data. Therefore, referencing capabilities properly relating the object to the associated transaction set must be provided. Because user preferences require flexibility within the techniques for referring to an object, no particular methodology is specified. The only requirement is the assignment of an object identification number attributable to the object which should be unique for a sufficient time to avoid any confusion. Multiple references to identify all related transaction sets and objects are permitted.

The transaction set is not media dependent, is not limited to a specific transmission protocol, and can be linked to other transaction sets. Interchanges may contain functional groups containing transaction sets, packages, or transaction sets and packages. The transaction set may be included in any functional group within an interchange. Only one package may be conveyed within a single occurrence of an Associated Data Transaction Set.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	ORI	Object Reference Identification	M	1	
N	0300	REF	Reference Information	O	>1	
N	0400	OOI	Associated Object Type Identification	M	>1	
N	0500	BDS	Binary Data Structure	M	1	
	0600	SE	Transaction Set Trailer	M	1	

Notes

1/0200 The ORI segment shall identify the object identification reference number. This corresponds to the object identification specified in any related applicable transaction set where the REF (or equivalent) segment is used to link the functional data and object(s).

1/0300 An occurrence of the REF segment will, if needed, identify a unique application transaction reference number specified in the transaction set associated with the object.

1/0400 One occurrence of the OOI segment is mandatory and shall be used for file format identification (Code value "13" in data element 1691).

1/0500 The BDS segment shall contain the object.

103 - Abandoned Property Filings

FUNCTIONAL GROUP=**AB**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Abandoned Property Filings Transaction Set (103) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to report abandoned property filings information, such as uncashed checks or abandoned bank account balances, to government agencies and may be used by the government agencies to distribute information on abandoned property for publication to the general public. It may also be used to initiate an Electronic Funds Transfer (EFT) payment to transfer the value of the abandoned property to the government agencies.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	BPR	Beginning Segment for Payment Order/Remittance Advice	O	1	
	0400	NTE	Note/Special Instruction	O	>1	
	0500	TRN	Trace	O	1	
	0600	CUR	Currency	O	1	
	0700	REF	Reference Information	O	>1	
	0800	DTM	Date/Time Reference	O	>1	
N	0900	AMT	Monetary Amount Information	O	1	
	LOOP ID - NM1					>1
N	1000	NM1	Individual or Organizational Name	O	1	
	1100	N2	Additional Name Information	O	>1	
	1200	N3	Party Location	O	>1	
	1300	N4	Geographic Location	O	1	
	1400	REF	Reference Information	O	>1	
	1500	PER	Administrative Communications Contact	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - N1					>1
N	0100	N1	Party Identification	M	1	
	0200	N2	Additional Name Information	O	>1	
	0300	N3	Party Location	O	>1	
	0400	N4	Geographic Location	O	1	
	0500	INI	Incorporation Information	O	1	
	0600	TC2	Commodity	O	1	
	0700	AMT	Monetary Amount Information	O	>1	
	0800	QTY	Quantity Information	O	>1	
N	0900	NM1	Individual or Organizational Name	O	>1	
	1000	REF	Reference Information	O	>1	
	1100	DTM	Date/Time Reference	O	>1	
N	1200	YNQ	Yes/No Question	O	>1	

LOOP ID - PER						>1
N	1300	PER	Administrative Communications Contact	O	1	
	1400	N3	Party Location	O	>1	
	1500	N4	Geographic Location	O	1	
	1600	REF	Reference Information	O	>1	
LOOP ID - LX						>1
N	1700	LX	Transaction Set Line Number	M	1	
N	1800	BLN	Balance Information	M	>1	
	1900	DTP	Date or Time or Period	O	>1	
	2000	INT	Interest	O	>1	
	2100	PDS	Property Description/Legal Description	O	1	
	2200	REF	Reference Information	O	>1	
LOOP ID - SHI						1
	2300	SHI	Security Holding Information	O	1	
	2400	DTM	Date/Time Reference	O	>1	
	2500	AMT	Monetary Amount Information	O	>1	
	2600	QTY	Quantity Information	O	>1	
	2700	PCT	Percent Amounts	O	>1	
LOOP ID - NM1						>1
N	2800	NM1	Individual or Organizational Name	O	1	
	2900	N2	Additional Name Information	O	1	
	3000	N3	Party Location	O	>1	
	3100	N4	Geographic Location	O	1	
	3200	DTM	Date/Time Reference	O	>1	
	3300	REF	Reference Information	O	>1	
	3400	SE	Transaction Set Trailer	M	1	

Notes

1/0900 This AMT segment contains the total monetary value of the filing.

1/1000 This NM1 loop identifies the senders and/or receiver of the filing. The senders may include both parent and subsidiary entities.

2/0100 This N1 loop identifies the property holders. Each loop occurrence identifies one holder.

2/0900 This NM1 segment contains previous identification for the holder identified at position 2/0100.

2/1200 The YNQ segment refers to questions concerning the property holder.

2/1300 This PER loop identifies contact information for the property holder identified at position 2/0100.

2/1700 The LX loop describes the property.

2/1800 The BLN segments contain balance information for the property identified by the assigned number. There may be more than one balance for the property, specifying an initial balance, and additions and deductions to the initial balance.

2/2800 This NM1 loop describes the property owner if known.

104 - Air Shipment Information

FUNCTIONAL GROUP=**SA**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Air Shipment Information Transaction Set (104) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the sender with the capability to transmit detailed bill of lading and rating information pertinent to an air carrier shipment.

This transaction set provides shipment detail information for the air carrier in terms of 1) sender information, 2) shipment detail for multiple and single piece shipments, 3) consignee and third-party information, 4) detail and charges for each shipment, and 5) shipment totals.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	N1	Party Identification	M	1	
0300	N2	Additional Name Information	O	1	
0400	N3	Party Location	O	1	
0500	N4	Geographic Location	O	1	
0600	N9	Extended Reference Information	O	10	
0700	PER	Administrative Communications Contact	O	1	
0800	P1	Pickup	O	1	
0900	G47	Statement Identification	O	1	
1000	F9	Origin Station	O	1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - FOB					99999
0200	FOB	F.O.B. Related Instructions	M	1	
0300	SL1	Tariff Details	M	1	
0400	N9	Extended Reference Information	M	10	
0500	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	10	
0600	H1	Hazardous Material	O	1	
0700	H2	Additional Hazardous Material Description	O	1	
0800	H3	Special Handling Instructions	O	1	
0900	DTM	Date/Time Reference	O	1	
1000	M1	Insurance	O	1	
1100	C3	Currency Identifier	O	1	
1200	X1	Export License	O	1	
1300	X2	Import License	O	1	
1400	NTE	Note/Special Instruction	O	10	
LOOP ID - N1					2
1500	N1	Party Identification	M	1	
1600	N2	Additional Name Information	O	1	
1700	N3	Party Location	O	1	

1800	N4	Geographic Location	O	1	
1900	N9	Extended Reference Information	O	10	
2000	PER	Administrative Communications Contact	O	1	
LOOP ID - L5					100
2100	L5	Description, Marks and Numbers	M	1	
2200	L0	Line Item - Quantity and Weight	O	10	
2300	L1	Rate and Charges	O	10	
2400	L4	Measurement	O	10	
2500	ACS	Ancillary Charges	O	100	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	L3	Total Weight and Charges	O	1	
0200	NTE	Note/Special Instruction	O	10	
0300	SE	Transaction Set Trailer	M	1	

105 - Business Entity Filings

FUNCTIONAL GROUP=**BF**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Business Entity Filings Transaction Set (105) for use within the context of an Electronic Data Interchange (EDI) environment. This bi-directional transaction set can be used by business entities, governmental administrators and regulators to exchange required business entity filing information, such as annual reports, registered agent changes and changes of officers, partners and directors, and may include information about any required fees.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	PWK	Paperwork	O	>1	
	0400	CUR	Currency	O	1	
	0500	LUI	Language Use	O	1	
	LOOP ID - AMT					>1
	0600	AMT	Monetary Amount Information	O	1	
	0700	PDL	Payment Details	O	1	
	0800	REF	Reference Information	O	>1	
	0900	DTM	Date/Time Reference	O	1	
	1000	CUR	Currency	O	1	
	LOOP ID - NM1					>1
N	1100	NM1	Individual or Organizational Name	M	1	
	1200	N2	Additional Name Information	O	>1	
	1300	N3	Party Location	O	2	
	1400	N4	Geographic Location	O	1	
	1500	REF	Reference Information	O	>1	
	1600	PER	Administrative Communications Contact	O	>1	
	1700	DTM	Date/Time Reference	O	>1	
	LOOP ID - LM					>1
N	1800	LM	Code Source Information	O	1	
	1900	LQ	Industry Code Identification	M	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					>1
N	0100	HL	Hierarchical Level	M	1	
	0200	DTM	Date/Time Reference	O	>1	
	LOOP ID - LM					>1
	0300	LM	Code Source Information	O	1	
	0400	LQ	Industry Code Identification	M	>1	
	LOOP ID - NM1					>1

N	0500	NM1	Individual or Organizational Name	O	1	
	0600	NX1	Property or Entity Identification	O	2	
	0700	N2	Additional Name Information	O	>1	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	>1	
	1000	PER	Administrative Communications Contact	O	>1	
	1100	DTM	Date/Time Reference	O	>1	
	1200	QTY	Quantity Information	O	>1	
	1300	PCT	Percent Amounts	O	>1	
	1400	LUI	Language Use	O	>1	
	1500	TPB	Business Professional Title	O	>1	
	1600	PWK	Paperwork	O	>1	
LOOP ID - AMT						>1
	1700	AMT	Monetary Amount Information	O	1	
	1800	DTM	Date/Time Reference	O	>1	
	1900	CUR	Currency	O	1	
LOOP ID - NX2						>1
	2000	NX2	Location ID Component	O	1	
	2100	DTM	Date/Time Reference	O	>1	
	2200	AMT	Monetary Amount Information	O	>1	
	2300	CUR	Currency	O	1	
LOOP ID - REF						>1
	2400	REF	Reference Information	O	1	
	2500	DTM	Date/Time Reference	O	>1	
LOOP ID - LX						>1
	2600	LX	Transaction Set Line Number	O	1	
	2700	MTX	Text	O	>1	
	2800	DTM	Date/Time Reference	O	>1	
	2900	NX2	Location ID Component	O	>1	
	3000	REF	Reference Information	O	>1	
LOOP ID - LM						>1
N	3100	LM	Code Source Information	O	1	
LOOP ID - LQ						>1
	3200	LQ	Industry Code Identification	M	1	
	3300	LIN	Item Identification	O	>1	
	3400	DTM	Date/Time Reference	O	>1	
	3500	QTY	Quantity Information	O	>1	
	3600	NX2	Location ID Component	O	>1	
	3700	AMT	Monetary Amount Information	O	>1	
	3800	PCT	Percent Amounts	O	>1	
	3900	PDL	Payment Details	O	>1	
	4000	PWK	Paperwork	O	>1	
	4100	CUR	Currency	O	1	
	4200	CDS	Case Description	O	1	
	4300	MTX	Text	O	>1	

LOOP ID - REF					>1			
N	4400	REF	Reference Information	O	1			
	4500	AMT	Monetary Amount Information	O	1			
	4600	DTM	Date/Time Reference	O	>1			
	4700	CUR	Currency	O	1			
LOOP ID - EFI					>1			
N	4800	EFI	Electronic Format Identification	O	1			
	4900	BIN	Binary Data Segment	O	1			
	5000	SE	Transaction Set Trailer	M	1			

Notes

1/1100 The NM1 loop carries name, address and related information about the sender and if required, the receiver of the transaction set.

1/1800 The LM loop carries external codes applicable to the entire transaction set.

2/0100 The HL loop defines individual reports and differentiates between the reporting entity, related parties and other relevant entities and parties required for a specific report type. The first occurrence indicates the type of report and the second occurrence contains information about the business entity. Additional uses of the HL loop vary based on the nature of the filing and the filing jurisdiction's requirements.

2/0500 The NM1 loop describes the reporting entity and other entities and parties by their names, addresses and related information.

2/3100 The LM loop carries external codes applicable to either the specific report, person or entity being described.

2/4400 The REF loop carries financial and fee information by relating line items to monetary amounts and dates.

2/4800 The EFI loop can be used to carry object information within the structure of an individual report.

106 - Motor Carrier Rate Proposal

FUNCTIONAL GROUP=**MH**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Motor Carrier Rate Proposal Transaction Set (106) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a motor carrier to propose rates and services to a shipper, receiver, or other relevant party.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	BLR	Transportation Carrier Identification	M	1	
	0400	TFR	Tariff Restrictions	O	1	
	0500	CUR	Currency	O	1	
	0600	G62	Date/Time	O	10	
N	0700	AT5	Bill of Lading Handling Requirements	O	99	
	0800	PR	Product (Commodity)	O	99	
	0900	LC1	Lane Commitments	O	1	
	1000	MI1	Mileage Source	O	1	
	1100	MCT	Tariff Accessorial Charges	O	999	
	LOOP ID - 0050					1
	1200	MS2	Equipment or Container Owner and Type	O	1	
	1300	AT9	Trailer or Container Dimension and Weight	O	1	
	LOOP ID - 0100					1
	1400	TF	Tariff Information	O	1	
	1500	TS	Tariff Section	O	1	
	LOOP ID - 0200					10
	1600	N1	Party Identification	M	1	
	1700	N2	Additional Name Information	O	1	
	1800	N3	Party Location	O	2	
	1900	N4	Geographic Location	O	1	
	2000	PER	Administrative Communications Contact	O	5	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0400					99999
	0100	LX	Transaction Set Line Number	M	1	
	0200	GY	Geography	O	999	
	0300	PR	Product (Commodity)	O	99	
	0400	TFR	Tariff Restrictions	O	1	
	0500	CUR	Currency	O	1	
N	0600	AT5	Bill of Lading Handling Requirements	O	99	
	LOOP ID - 0405					1
	0700	MS2	Equipment or Container Owner and Type	O	1	

	0800	AT9	Trailer or Container Dimension and Weight	O	1	
LOOP ID - 0410						1
	0900	TF	Tariff Information	O	1	
	1000	TS	Tariff Section	O	1	
	1100	G62	Date/Time	O	5	
LOOP ID - 0430						99999
	1200	CA1	Rate Request Identifier	M	1	
	1300	GY	Geography	O	999	
	1400	PR	Product (Commodity)	O	99	
	1500	LC1	Lane Commitments	O	1	
	1600	SV	Service Description	O	1	
N	1700	AT5	Bill of Lading Handling Requirements	O	99	
N	1800	MCT	Tariff Accessorial Charges	O	999	
LOOP ID - 0432						1
	1900	MS2	Equipment or Container Owner and Type	O	1	
	2000	AT9	Trailer or Container Dimension and Weight	O	1	
LOOP ID - 0434						999
	2100	RTT	Freight Rate Information	M	1	
	2200	TFR	Tariff Restrictions	O	10	
LOOP ID - 0438						1
	2300	TF	Tariff Information	O	1	
	2400	TS	Tariff Section	O	1	
	2500	G62	Date/Time	O	5	
	2600	SE	Transaction Set Trailer	M	1	

Notes

1/0700 The AT5 segment identifies any special services or special handling required for all shipments covered by this proposal.

2/0600 The AT5 segment is used to identify any special services or special handling requirements covered by the geography in this loop. The presence of an AT5 segment in this loop is in addition to any special services or special handling contained in the header.

2/1700 The AT5 segment is used to identify any special services or special handling required for shipment covered by the geography in this loop. The presence of an AT5 segment in this loop is in addition to any special services or special handling contained in the header.

2/1800 The MCT segment provides accessorial charges for this lane only.

107 - Request for Motor Carrier Rate Proposal

FUNCTIONAL GROUP=**MC**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Request for Motor Carrier Rate Proposal Transaction Set (107) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a shipper, receiver, or other relevant party to request that a motor carrier provide a rate and service proposal.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	G62	Date/Time	O	10	
N	0400	AT5	Bill of Lading Handling Requirements	O	99	
	0500	PR	Product (Commodity)	O	99	
	0600	ID4	Load Details	O	1	
	0700	IV1	Lane Estimates	O	1	
	0800	MI1	Mileage Source	O	1	
	0900	CUR	Currency	O	1	
	1000	MCT	Tariff Accessorial Charges	O	999	
	LOOP ID - 0050					1
	1100	MS2	Equipment or Container Owner and Type	O	1	
	1200	AT9	Trailer or Container Dimension and Weight	O	1	
	LOOP ID - 0100					10
	1300	N1	Party Identification	M	1	
	1400	N2	Additional Name Information	O	1	
	1500	N3	Party Location	O	2	
	1600	N4	Geographic Location	O	1	
	1700	PER	Administrative Communications Contact	O	5	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0200					99999
	0100	LX	Transaction Set Line Number	M	1	
	0200	GY	Geography	M	999	
	0300	CUR	Currency	O	1	
	0400	PR	Product (Commodity)	O	99	
	0500	ID4	Load Details	O	1	
N	0600	AT5	Bill of Lading Handling Requirements	O	99	
	LOOP ID - 0205					1
	0700	MS2	Equipment or Container Owner and Type	O	1	
	0800	AT9	Trailer or Container Dimension and Weight	O	1	
	LOOP ID - 0210					1
	0900	N1	Party Identification	O	1	

	1000	N2	Additional Name Information	O	1	
	1100	N3	Party Location	O	2	
	1200	N4	Geographic Location	O	1	
	1300	G62	Date/Time	O	10	
LOOP ID - 0230						99999
	1400	CA1	Rate Request Identifier	M	1	
	1500	GY	Geography	M	999	
	1600	PR	Product (Commodity)	O	99	
	1700	ID4	Load Details	O	1	
	1800	IV1	Lane Estimates	O	1	
	1900	SV	Service Description	O	1	
N	2000	AT5	Bill of Lading Handling Requirements	O	99	
	2100	MCT	Tariff Accessorial Charges	O	999	
LOOP ID - 0232						1
	2200	MS2	Equipment or Container Owner and Type	O	1	
	2300	AT9	Trailer or Container Dimension and Weight	O	1	
LOOP ID - 0235						1
	2400	N1	Party Identification	O	1	
	2500	N2	Additional Name Information	O	1	
	2600	N3	Party Location	O	2	
	2700	N4	Geographic Location	O	1	
	2800	G62	Date/Time	O	10	
	2900	SE	Transaction Set Trailer	M	1	

Notes

1/0400 The AT5 segment is used to request any special services that are required for all shipments and lanes included in this transaction.

2/0600 The AT5 segment is used to request any special handling or special services for this lane only. This is in addition to any special handling or special services requested in the AT5 segment in the header.

2/2000 The AT5 segment is used to request any special handling or special services for this lane only. This is in addition to any special handling or special services requested in the AT5 segment in the header.

108 - Response to a Motor Carrier Rate Proposal

FUNCTIONAL GROUP=**MK**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Response to a Motor Carrier Rate Proposal Transaction Set (108) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a shipper, receiver, or other relevant party to respond to a motor carrier's rate and service proposal.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	BLR	Transportation Carrier Identification	M	1	
0400	G62	Date/Time	O	10	
LOOP ID - 0100					10
0500	N1	Party Identification	M	1	
0600	N2	Additional Name Information	O	1	
0700	N3	Party Location	O	2	
0800	N4	Geographic Location	O	1	
0900	PER	Administrative Communications Contact	O	5	
LOOP ID - 0200					99999
1000	CA1	Rate Request Identifier	M	1	
1100	LC1	Lane Commitments	M	1	
1200	SE	Transaction Set Trailer	M	1	

109 - Vessel Content Details

FUNCTIONAL GROUP=**VE**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Vessel Content Details Transaction Set (109) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary to report event details for a shipment and status for one or more containers bound for a port. It is intended to accommodate the details for one status or event associated with many containers, as well as more than one status or event for one shipment.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B4	Beginning Segment for Inquiry or Reply	M	1	
0300	N9	Extended Reference Information	O	30	
0400	Q2	Status Details (Ocean)	O	1	
0500	V9	Event Detail	O	10	
LOOP ID - R4					20
0600	R4	Port or Terminal	M	1	
0700	DTM	Date/Time Reference	O	15	
0800	V9	Event Detail	O	10	
LOOP ID - N9					9999
0900	N9	Extended Reference Information	O	1	
1000	SG	Shipment Status	O	1	
1100	SE	Transaction Set Trailer	M	1	

110 - Air Freight Details and Invoice

FUNCTIONAL GROUP=**IA**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Air Freight Details and Invoice Transaction Set (110) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide a customer with an air invoice for transportation and other charges related to shipments, including Original Invoices, Past Due Billings, Balance Due Bills and Revisions.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	B3	Beginning Segment for Carrier's Invoice	M	1	
	0300	B3A	Invoice Type	O	1	
	0450	C2	Bank ID	O	1	
	0500	C3	Currency Identifier	O	1	
	0650	ITD	Terms of Sale/Deferred Terms of Sale	O	1	
	LOOP ID - N1					3
N	0750	N1	Party Identification	O	1	
	0800	N2	Additional Name Information	O	1	
	0900	N3	Party Location	O	2	
	1000	N4	Geographic Location	O	1	
	1100	N9	Extended Reference Information	O	30	
	1200	PER	Administrative Communications Contact	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LX					>1
	0100	LX	Transaction Set Line Number	M	1	
	LOOP ID - N1					2
N	0200	N1	Party Identification	O	1	
	0300	N2	Additional Name Information	O	1	
	0400	N3	Party Location	O	2	
	0500	N4	Geographic Location	O	1	
	0600	N9	Extended Reference Information	O	30	
	0700	PER	Administrative Communications Contact	O	1	
	0850	P1	Pickup	O	1	
	0900	R1	Route Information (Air)	O	1	
	1000	POD	Proof of Delivery	O	1	
	1100	V9	Event Detail	O	1	
	1250	RMT	Remittance Advice	O	10	
	1300	G47	Statement Identification	O	1	
	1400	NTE	Note/Special Instruction	O	10	
	LOOP ID - L5					4
	1500	L5	Description, Marks and Numbers	M	1	

1600	L0	Line Item - Quantity and Weight	O	1	
1630	L4	Measurement	O	4	
1650	L10	Weight Information	O	4	
1670	SL1	Tariff Details	O	1	
LOOP ID - L1					30
1750	L1	Rate and Charges	O	1	
1800	C3	Currency Identifier	O	1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0150	L3	Total Weight and Charges	M	1	
0200	ACS	Ancillary Charges	O	1	
0350	NTE	Note/Special Instruction	O	5	
0450	SE	Transaction Set Trailer	M	1	

Notes

1/0750 The N1 Loop is used only to convey entity information relevant to the debtor or for a party other than the shipper or consignee.

2/0200 The N1 loop is used to convey entity information relevent to the shipper and consignee.

111 - Individual Insurance Policy and Client Information

FUNCTIONAL GROUP=**IF**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Individual Insurance Policy and Client Information Transaction Set (111) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to exchange policy and client information among organizations administering individual life and health insurance contracts and their trading partners (e.g., agents, brokers). It is not intended to be used for group insurance.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BHT	Beginning of Hierarchical Transaction	M	1	
	LOOP ID - 1000					>1
N	0300	NM1	Individual or Organizational Name	M	1	
	0400	N3	Party Location	O	3	
	0500	N4	Geographic Location	O	1	
	0600	REF	Reference Information	O	9	
	0700	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
N	0100	HL	Hierarchical Level	M	1	
	0200	REF	Reference Information	O	>1	
	0300	ASI	Action or Status Indicator	O	>1	
	0400	LQ	Industry Code Identification	O	>1	
	0500	C3	Currency Identifier	O	1	
	0600	DMG	Demographic Information	O	1	
	0640	DMH	Extended Demographic Information	O	1	
	0700	LUI	Language Use	O	1	
	0800	N4	Geographic Location	O	>1	
	0900	BLI	Basic Baseline Item Data	O	1	
	1000	LIN	Item Identification	O	>1	
	1100	UDA	Underwriting Condition	O	>1	
	1200	SPA	Status of Product or Activity	O	>1	
	1300	DTP	Date or Time or Period	O	>1	
	1400	BLN	Balance Information	O	>1	
	1500	QTY	Quantity Information	O	>1	
	1600	AMT	Monetary Amount Information	O	>1	
	1700	RPA	Rate Amounts or Percents	O	>1	
	LOOP ID - 2100					>1
	1800	PDL	Payment Details	O	1	

	1900	REF	Reference Information	O	>1	
LOOP ID - 2200						>1
	2000	III	Information	O	1	
	2100	DTP	Date or Time or Period	O	>1	
LOOP ID - 2300						>1
N	2200	AM1	Informational Values	O	1	
	2300	III	Information	O	>1	
	2350	SPA	Status of Product or Activity	O	>1	
	2400	DTP	Date or Time or Period	O	>1	
	2500	AMT	Monetary Amount Information	O	>1	
	2600	QTY	Quantity Information	O	>1	
	2700	RPA	Rate Amounts or Percents	O	>1	
	2800	BLN	Balance Information	O	>1	
	2900	REF	Reference Information	O	>1	
LOOP ID - 2400						>1
	3000	NM1	Individual or Organizational Name	O	1	
	3100	N2	Additional Name Information	O	3	
	3200	COM	Communication Contact Information	O	>1	
LOOP ID - 2450						>1
	3300	N3	Party Location	O	1	
	3400	N4	Geographic Location	O	1	
	3500	DTP	Date or Time or Period	O	>1	
LOOP ID - 2500						>1
N	3600	NX1	Property or Entity Identification	O	1	
	3700	REF	Reference Information	O	>1	
	3800	BEN	Beneficiary or Owner Information	O	1	
	3900	III	Information	O	>1	
	4000	AM1	Informational Values	O	>1	
N	4100	IN1	Individual Identification	O	>1	
	4200	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The 1000 loop provides information about the sending and receiving parties.

2/0100 The structure of the transaction is defined in BHT01 at 1/0200.

2/2200 The 2300 loop can be used to provide additional information at the level of the specific policy, coverage, component, account, etc., being described.

2/3600 The 2500 loop provides details about the role(s) played by a client at the given level. For example, this could contain specifics for the owner of a policy, or for a beneficiary for a given coverage.

2/4100 The IN1 segment identifies parties related to the client in the given role. For example, if the client is a beneficiary, the IN1 segment could be used to provide the reference number for the trustee for that beneficiary.

112 - Property Damage Report

FUNCTIONAL GROUP=**PQ**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Property Damage Report Transaction Set (112) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set will be used to provide property damage information between property and casualty insurance companies, independent agents, service and information providers. This information includes, but is not limited to providing cost estimates involving functions such as demolishing, new constructions, damage repair and replacement.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	DTP	Date or Time or Period	O	1	
	0400	C3	Currency Identifier	O	1	
	LOOP ID - 1000					>1
	0500	SUP	Supplementary Information	O	1	
	0600	MSG	Message Text	O	>1	
	LOOP ID - 1100					>1
N	0700	NM1	Individual or Organizational Name	M	1	
	0800	N2	Additional Name Information	O	1	
	0900	N3	Party Location	O	1	
	1000	N4	Geographic Location	O	1	
	1100	PER	Administrative Communications Contact	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
N	0100	HL	Hierarchical Level	M	1	
	0200	N9	Extended Reference Information	O	>1	
	0300	K2	Administrative Message	O	1	
	0400	QTY	Quantity Information	O	1	
	0500	DTP	Date or Time or Period	O	>1	
	0600	TXI	Tax Information	O	1	
	LOOP ID - 2100					>1
N	0700	LM	Code Source Information	O	1	
	0800	SLN	Subline Item Detail	M	1	
	0900	AMT	Monetary Amount Information	O	>1	
	0950	DTP	Date or Time or Period	O	>1	
	LOOP ID - 2200					>1
	1000	III	Information	O	1	
	1100	AMT	Monetary Amount Information	O	>1	
	1200	PCT	Percent Amounts	O	1	

LOOP ID - 2300					>1
1300	NM1	Individual or Organizational Name	O	1	
1400	N2	Additional Name Information	O	1	
1500	N3	Party Location	O	1	
1600	N4	Geographic Location	O	1	
1700	MS1	Equipment, Shipment, or Real Property Location	O	1	
1800	PER	Administrative Communications Contact	O	>1	
LOOP ID - 2400					>1
1900	CID	Characteristic/Class ID	O	1	
2000	MEA	Measurements	O	>1	
2100	SE	Transaction Set Trailer	M	1	

Notes

1/0700 Loop 1100 is used to identify the specific entity related to the Supplementary Information.

2/0100 HL01 (Hierarchical ID Number) will be assigned sequentially within the hierarchy starting with one and incremented by one for each HL segment.

2/0100 The AD (Administrative Information Level) is mandatory. All other levels are optional.

2/0100 The levels BD (Building), UT (Unit or Lot), RM (Room), SR (Subroom), EX (Exception), PS (Property Segment Group), PB (Personal Property), and 9 (Line Item), must always appear (in the transaction set), in the above order, e.g., the Building level cannot be subordinate to the Room level, however the Building level may be omitted.

2/0100 V (Name and Address Information) level may be used as a subordinate level to level 9 (Line Item) in order to identify a specific vendor related to the line item.

2/0700 The LM is used in the Line Item Hierarchical Level. The Agency Qualifier Code will identify the Agency whose code list will be used to identify the Product/Service in the SLN.

113 - Election Campaign and Lobbyist Reporting

FUNCTIONAL GROUP=**CL**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Election Campaign and Lobbyist Reporting Transaction Set (113) for use within the context of an Electronic Data Interchange (EDI) environment. This Bi-directional transaction set can be used by candidates, candidate committees, party committees, political action groups, lobbyists and other entities to exchange disclosure data.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	N9	Extended Reference Information	O	>1	
	0400	DTM	Date/Time Reference	O	>1	
N	0500	LQ	Industry Code Identification	O	>1	
	0600	MTX	Text	O	>1	
	LOOP ID - NM1					>1
N	0700	NM1	Individual or Organizational Name	O	1	
	0800	N2	Additional Name Information	O	2	
	0900	N3	Party Location	O	2	
	1000	N4	Geographic Location	O	1	
	1100	PER	Administrative Communications Contact	O	>1	
	1200	N9	Extended Reference Information	O	>1	
	LOOP ID - AWD					>1
N	1300	AWD	Amount with Description	O	1	
N	1400	LQ	Industry Code Identification	O	>1	
	1500	MTX	Text	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					>1
N	0100	HL	Hierarchical Level	O	1	
	LOOP ID - N9					>1
	0200	N9	Extended Reference Information	O	1	
	0300	DTM	Date/Time Reference	O	>1	
	0400	NX2	Location ID Component	O	>1	
N	0500	LQ	Industry Code Identification	O	>1	
	0600	MTX	Text	O	>1	
	LOOP ID - NM1					>1
N	0700	NM1	Individual or Organizational Name	O	1	
	0800	N2	Additional Name Information	O	2	
	0900	N3	Party Location	O	2	
	1000	N4	Geographic Location	O	1	
	1100	PER	Administrative Communications Contact	O	>1	

	1200	N9	Extended Reference Information	O	>1	
	1300	DTM	Date/Time Reference	O	>1	
	1400	NX2	Location ID Component	O	>1	
	1500	EMS	Employment Position	O	>1	
	1600	TPB	Business Professional Title	O	>1	
	1700	PWK	Paperwork	O	>1	
	1800	PAM	Period Amount	O	>1	
	1900	G86	Signature Identification	O	1	
	2000	MTX	Text	O	>1	
	LOOP ID - LQ					>1
N	2100	LQ	Industry Code Identification	O	1	
	2200	N9	Extended Reference Information	O	>1	
	2300	DTM	Date/Time Reference	O	>1	
	2400	PCT	Percent Amounts	O	>1	
	2500	QTY	Quantity Information	O	>1	
	2600	MTX	Text	O	>1	
	LOOP ID - AWD					>1
	2700	AWD	Amount with Description	O	1	
	2800	DTM	Date/Time Reference	O	>1	
	2900	PCT	Percent Amounts	O	>1	
	3000	QTY	Quantity Information	O	>1	
	3100	N9	Extended Reference Information	O	>1	
	3200	PDL	Payment Details	O	>1	
N	3300	LQ	Industry Code Identification	O	>1	
N	3400	N1	Party Identification	O	>1	
	3500	MTX	Text	O	>1	
	3600	SE	Transaction Set Trailer	M	1	

Notes

1/0500 The LQ segment provides coded information related to a filing, such as, a notice of a late filing.

1/0700 The NM1 segment provides name and address information regarding the sender and receiver of a filing.

1/1300 The AWD loop provides monetary amounts covering fees and related information associated with a late filing.

1/1400 The LQ segment provides coded information related to the monetary amounts carried in the AWD loop.

2/0100 The HL loop divides a filing into sections such as basic report information, loans, contributions, receipts, expenditures, related parties and other information contained in a filing.

2/0500 The LQ segment provides coded information related to an individual report identified in the N9 segment.

2/0700 The NM1 segment provides name, address and related information for reportable entities, such as filers, committees, committee officers, and contributors.

2/2100 The LQ loop provides coded information, such as, type of committee, last office held by a candidate, and other information about the entities identified in the NM1 segment.

2/3300 The LQ segment provides coded information related to the monetary amount carried in the AWD segment as reported for the entity identified in the NM1 loop.

2/3400 The N1 segment provides the name of an entity who benefited from an expenditure made by a party identified in the NM1 segment.

120 - Vehicle Shipping Order

FUNCTIONAL GROUP=**VC**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Vehicle Shipping Order Transaction Set (120) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to notify a carrier of the impending arrival of a motor vehicle which the carrier is to ship to the destination herein specified or on which that carrier is to perform a service. It may be sent to a carrier by the vehicle manufacturer, by another carrier, or by an agent of the manufacturer.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BVP	Beginning Segment for Vehicle Shipping Order	M	1	
	LOOP ID - G62					99
N	0300	G62	Date/Time	M	1	
	LOOP ID - VC					999
	0400	VC	Motor Vehicle Control	M	1	
	0500	VC1	Vehicle Detail	O	1	
N	0520	DTM	Date/Time Reference	O	1	
N	0600	N1	Party Identification	O	1	
	0620	N2	Additional Name Information	O	2	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	0900	REF	Reference Information	O	1	
	1000	SE	Transaction Set Trailer	M	1	

Notes

1/0300 G6202 is the date notified.
1/0520 DTM02 is the estimated ship date.
1/0600 N1, N2, N3 and N4 are required when a vehicle is to be shipped to a destination for which a dealer code is not able to be supplied in VC04.

121 - Vehicle Service

FUNCTIONAL GROUP=**VS**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Vehicle Service Transaction Set (121) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a carrier to notify a Vehicle Manufacturer that a requested movement or service has been performed on motor vehicles or that a change in status has occurred.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BVS	Beginning Segment for Vehicle Service	M	1	
0300	N7	Equipment Details	O	1	
0400	V1	Vessel Identification	O	1	
0500	G62	Date/Time	O	3	
LOOP ID - VC					9999
0600	VC	Motor Vehicle Control	M	1	
0700	DTM	Date/Time Reference	O	3	
0800	DEL	Delivery Logistics	O	1	
0900	CGS	Charge	O	1	
1000	REF	Reference Information	O	1	
1100	SE	Transaction Set Trailer	M	1	

124 - Vehicle Damage

FUNCTIONAL GROUP=**VD**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Vehicle Damage Transaction Set (124) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to provide vehicle damage information flow between Property & Casualty (P&C) insurance companies, independent agents, service providers, information providers, self-insurers and financial institutions. Business functions consist of the estimating of vehicle damage and the detailed reporting of parts and labor cost connected with repairing the estimated damage.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	DTM	Date/Time Reference	O	1	
0400	C3	Currency Identifier	O	1	
LOOP ID - 1000					>1
0500	SUP	Supplementary Information	O	1	
0600	MSG	Message Text	O	>1	
LOOP ID - 2000					>1
0700	NM1	Individual or Organizational Name	M	1	
0800	N2	Additional Name Information	O	2	
0900	N3	Party Location	O	2	
1000	N4	Geographic Location	O	1	
1100	PER	Administrative Communications Contact	O	>1	
1200	REF	Reference Information	O	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 3000					>1
0100	LX	Transaction Set Line Number	M	1	
0200	TXI	Tax Information	O	>1	
0300	YNQ	Yes/No Question	O	>1	
0400	AP1	Alternate Parts	O	1	
LOOP ID - 3100					>1
0500	SUP	Supplementary Information	O	1	
0600	MSG	Message Text	O	>1	
LOOP ID - 3200					>1
0700	LM	Code Source Information	M	1	
0800	LQ	Industry Code Identification	M	1	
0900	CTP	Pricing Information	O	1	
1000	TXI	Tax Information	O	>1	
1100	SAC	Service, Promotion, Allowance, or Charge Information	O	>1	

LOOP ID - 3300					>1
1200	VEH	Vehicle Information	M	1	
1250	PID	Product/Item Description	O	>1	
1300	REF	Reference Information	O	>1	
1400	BCI	Basic Claim Information	O	1	
1500	AMT	Monetary Amount Information	O	>1	
1600	LID	Loss Information Description	O	1	
1650	LQ	Industry Code Identification	O	>1	
1700	DAM	Damage Information	O	1	
1800	CRC	Conditions Indicator	O	1	
1900	DVI	Dynamic Vehicle Information	O	1	
2100	NM1	Individual or Organizational Name	O	1	
2200	N2	Additional Name Information	O	2	
2300	N3	Party Location	O	2	
2400	N4	Geographic Location	O	1	
2500	PER	Administrative Communications Contact	O	1	
2600	III	Information	O	1	
2700	DTP	Date or Time or Period	O	>1	
LOOP ID - 3305					>1
2710	VAT	Vehicle Attribute	O	1	
2720	AMT	Monetary Amount Information	O	>1	
2730	REF	Reference Information	O	>1	
2800	LS	Loop Header	O	1	
LOOP ID - 3310					>1
2900	NM1	Individual or Organizational Name	O	1	
3000	N2	Additional Name Information	O	2	
3100	N3	Party Location	O	2	
3200	N4	Geographic Location	O	1	
3300	PER	Administrative Communications Contact	O	>1	
3400	REF	Reference Information	O	>1	
3500	F13	Payment Information	O	>1	
3600	AMT	Monetary Amount Information	O	>1	
3700	LE	Loop Trailer	O	1	
LOOP ID - 3320					>1
3800	LM	Code Source Information	O	1	
3900	LQ	Industry Code Identification	M	1	
LOOP ID - 3325					>1
4000	AMT	Monetary Amount Information	O	1	
4100	QTY	Quantity Information	O	1	
4200	TXI	Tax Information	O	>1	
4210	REF	Reference Information	O	>1	
LOOP ID - 3330					>1
4230	N9	Extended Reference Information	M	1	
4270	LQ	Industry Code Identification	O	>1	
4300	REF	Reference Information	O	>1	
4350	ID	Inspection Detail Segment	O	1	

4400	DP	Auto Claim Detail - Parts	O	1			
4600	MSG	Message Text	O	>1			
4610	AMT	Monetary Amount Information	O	>1			
4615	PCT	Percent Amounts	O	>1			
LOOP ID - 3335					>1		
4620	DL	Auto Claim Detail - Labor	O	1			
4630	AMT	Monetary Amount Information	O	>1			
4640	QTY	Quantity Information	O	>1			
4650	PCT	Percent Amounts	O	>1			
4700	SE	Transaction Set Trailer	M	1			

125 - Multilevel Railcar Load Details

FUNCTIONAL GROUP=**MR**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Multilevel Railcar Load Details Transaction Set (125) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by the origin rail carrier or loading contractor to report the departure of a multilevel railcar and its contents to the vehicle manufacturer. It is used by the vehicle manufacturer, origin rail carrier, or loading contractor to forward data pertaining to the loaded railcar and its contents to the destination rail carrier or haulaway carrier(s) or both upon departure. It is also used by the destination rail carrier, or unloading contractor to report to the vehicle manufacturer, the arrival of a railcar at the destination rail ramp.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BMM	Beginning Segment for Multilevel Railcar Load Details Transaction	M	1	
N	0300	G62	Date/Time	M	1	
	0400	N7	Equipment Details	M	1	
	0500	VC	Motor Vehicle Control	O	21	
	0600	SE	Transaction Set Trailer	M	1	

Notes

1/0300 G6202 is the departure date for railcar departures and the arrival date for railcar arrivals.

Comments

1/0500 VC segment is not required for Railcar Arrival.

126 - Vehicle Application Advice

FUNCTIONAL GROUP=**VA**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Vehicle Application Advice Transaction Set (126) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by the vehicle manufacturer to notify a carrier as to the result of processing the transactions received from the carrier during the previous day or payments being released today or both.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
LOOP ID - BVA					99
0200	BVA	Beginning Vehicle Advice	M	1	
0300	V1	Vessel Identification	O	1	
0400	L7	Tariff Reference	O	5	
LOOP ID - VAD					99
0500	VAD	Vehicle Advice Detail	M	1	
0600	L7	Tariff Reference	O	5	
0700	SE	Transaction Set Trailer	M	1	

127 - Vehicle Baying Order

FUNCTIONAL GROUP=**VB**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Vehicle Baying Order Transaction Set (127) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to request or report the assignment of a motor vehicle to a specific predetermined bay (parking space) in a storage or shipping facility and to report conditions of a storage or shipping facility.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BVB	Beginning Segment for Vehicle Baying Order	M	1	
N	0300	G62	Date/Time	M	1	
	0400	VC	Motor Vehicle Control	O	99	
	0500	SFC	Storage Facility Characteristics	O	20	
	0600	SE	Transaction Set Trailer	M	1	

Notes

1/0300 G6201 is the date notified.

128 - Dealer Information

FUNCTIONAL GROUP=**DI**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Dealer Information Transaction Set (128) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by the shipper to notify carriers of the establishment of a new "Ship To" Location (e.g. Retail Dealer, Drop Ship Point, or Body Vendor) or profile change to an existing "Ship To" Location in the carrier's area of service.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
NN	0200	N1	Party Identification	M	1	
	0300	N2	Additional Name Information	O	99	
	0400	N3	Party Location	O	2	
	0500	N4	Geographic Location	O	1	
	0600	DN	Dealer Effectivity	O	7	
	0700	R9	Route Code Identification	O	50	
	0800	DH	Dealer Hours	O	28	
	0900	PER	Administrative Communications Contact	O	1	
	1000	K1	Remarks	O	1	
	1100	SE	Transaction Set Trailer	M	1	

Notes

1/0200 N102 is the dealer name.
1/0200 N104 is the shipper assigned code for dealer.

129 - Vehicle Carrier Rate Update

FUNCTIONAL GROUP=**VH**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Vehicle Carrier Rate Update Transaction Set (129) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by either a carrier or the vehicle manufacturer to transmit new freight rates either as the result of a rate adjustment or as a rate proposal for new business.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	VR	Rate Origin	M	1	
NNN	0300	G62	Date/Time	M	3	
LOOP ID - RT						99
	0400	RT	Rate Destination	M	1	
	0500	RT1	Rate Detail	M	99	
	0600	SE	Transaction Set Trailer	M	1	

Notes

1/0300 In the first instance of the G62 segment, G6202 is the Tariff/Contract/Purchase Order Publication Date.

1/0300 In the second instance of the G62 segment, G6202 is the effective date for rate application.

1/0300 In the third instance of the G62 segment, G6202 is the contract expiration date.

130 - Student Educational Record (Transcript)

FUNCTIONAL GROUP=**ED**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of a Student Educational Record (Transcript) Transaction Set (130) for use within the context of an Electronic Data Interchange (EDI) environment. The student transcript is used by schools and school districts and by post-secondary educational institutions to transmit current and historical records of educational accomplishments and other significant information for students enrolled at the sending schools and institutions. The transcript may be sent to other educational institutions, to other agencies, or to prospective or current employers.

When a student transfers from one educational institution to another, it is essential that the student's prior educational record be made available to the institution to which the student wishes to transfer. For students in Pre-Kindergarten through Grade 12, prompt records transfer will assist receiving schools in making an appropriate initial educational placement of student. It is important that this information be available on a timely basis. In some cases for post-secondary students, it is this record which determines whether the student will be accepted at the receiving institution. In all cases, it is important to know what course work the student has already completed so that the student may be properly placed in courses and educational programs at the next institution.

When a student seeks employment or wishes to inform another agency of the student's academic accomplishments, the student transcript may be sent to a prospective employer, branch of the military, or another government agency.

The student transcript contains personal history and identifying information about the student, the current academic status, dates of attendance, courses completed with grades earned, degrees and diplomas awarded, health information (Pre-Kindergarten through Grade 12 only), and testing information.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	ERP	Educational Record Purpose	M	1	
N	0400	REF	Reference Information	M	10	
	0500	DMG	Demographic Information	O	1	
	0600	LUI	Language Use	O	>1	
	0650	IND	Additional Individual Demographic Information	O	2	
	0660	DTP	Date or Time or Period	O	1	
	0670	RAP	Requirement, Attribute, and Proficiency	O	>1	
	0700	PCL	Previous College	O	30	
	0800	NTE	Note/Special Instruction	O	100	
LOOP ID - N1						2

N	1100	N1	Party Identification	M	1	
	1200	N2	Additional Name Information	O	1	
	1300	N3	Party Location	O	1	
	1400	N4	Geographic Location	O	1	
	1500	PER	Administrative Communications Contact	O	1	
	LOOP ID - IN1					15
N	1600	IN1	Individual Identification	M	1	
	1650	EMS	Employment Position	O	5	
	1700	IN2	Individual Name Structure Components	M	10	
	LOOP ID - N3					5
	1800	N3	Party Location	O	1	
	1900	N4	Geographic Location	O	1	
	1950	PER	Administrative Communications Contact	O	10	
	2000	REF	Reference Information	O	10	
	2100	NTE	Note/Special Instruction	O	1	
	LOOP ID - SST					500
	2200	SST	Student Academic Status	O	1	
N	2300	SSE	Entry and Exit Information	O	1000	
	2400	N1	Party Identification	O	1	
	2500	N3	Party Location	O	1	
	2600	N4	Geographic Location	O	1	
	LOOP ID - ATV					100
	2650	ATV	Student Activities and Awards	O	1	
N	2670	DTP	Date or Time or Period	O	2	
	LOOP ID - TST					>1
	2700	TST	Test Score Record	O	1	
	LOOP ID - SBT					>1
	2800	SBT	Subtest	O	1	
	2900	SRE	Test Scores	O	3	
	3000	NTE	Note/Special Instruction	O	2	
	LOOP ID - SUM					5
	3100	SUM	Academic Summary	O	1	
	3200	NTE	Note/Special Instruction	O	50	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LX					1
0100	LX	Transaction Set Line Number	O	1	
0200	HS	Health Screening	O	10	
0300	IMM	Immunization Status	O	1000	
LOOP ID - HC					1000
0400	HC	Health Condition	O	1	
0500	N1	Party Identification	O	1	
0600	N2	Additional Name Information	O	1	

	0700	PER	Administrative Communications Contact	O	1	
	0800	N3	Party Location	O	1	
	0900	N4	Geographic Location	O	1	
LOOP ID - SP						30
	1000	SP	Special Program	O	1	
	1100	PER	Administrative Communications Contact	O	1	
	1200	N3	Party Location	O	1	
	1300	N4	Geographic Location	O	1	
N	1400	NTE	Note/Special Instruction	O	1	
LOOP ID - OPS						10
N	1500	OPS	Program Subject Area and Eligibility	O	1	
N	1600	OPX	Placement Criteria	O	2	
N	1700	DTP	Date or Time or Period	O	10	
LOOP ID - SES						1000
	1800	SES	Academic Session Header	O	1	
	1850	SSE	Entry and Exit Information	O	1	
	1900	NTE	Note/Special Instruction	O	50	
N	2000	N1	Party Identification	O	1	
	2100	N3	Party Location	O	1	
	2200	N4	Geographic Location	O	1	
LOOP ID - SUM						5
N	2300	SUM	Academic Summary	O	1	
	2400	NTE	Note/Special Instruction	O	5	
LOOP ID - CRS						50
	2500	CRS	Course Record	O	1	
	2600	REF	Reference Information	O	5	
	2700	CSU	Supplemental Course Data	O	1	
	2710	LUI	Language Use	O	10	
	2720	RAP	Requirement, Attribute, and Proficiency	O	10	
	2800	NTE	Note/Special Instruction	O	50	
N	2900	N1	Party Identification	O	1	
	3000	N4	Geographic Location	O	1	
LOOP ID - MKS						10
	3050	MKS	Marks Awarded	O	1	
	3060	LUI	Language Use	O	1	
LOOP ID - DEG						10
	3100	DEG	Degree Record	O	1	
N	3200	SUM	Academic Summary	O	5	
	3300	FOS	Field of Study	O	30	
N	3350	N1	Party Identification	O	10	
	3400	NTE	Note/Special Instruction	O	30	
	3500	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The ERP segment is used to indicate what type of student record is being sent.

1/0400 The REF segment includes the student identification numbers.
1/1100 The N1 loop identifies the sending and receiving institutions.
1/1600 The IN1 and IN2 segments indicate the name(s) of the student or other individual agency.
1/2300 The occurrence of the SSE segment indicates the dates of the PreKindergarten - Grade 12 student's entry and exit from the school or school district.
1/2670 The DTP segments indicate the beginning and ending dates for involvement in an activity or the date the award or honor was granted.
2/1400 The NTE segment provides additional information about special programs.
2/1500 The OPS segment provides subject area and other information for the special program identified in the SP segment.
2/1600 The OPX segment provides reasons for placing/removing the student in/from the program or subject area.
2/1700 The DTP segment provides dates associated with the program or subject area.
2/2000 The N1, N3, and N4 segments specify the override institution.
2/2300 This SUM segment is for the summary for the academic session.
2/2900 The N1 and N4 segments specify the override institution.
2/3200 This SUM segment is for the summary for the degree.
2/3350 The N1 segment specifies the institution awarding the degree.

131 - Student Educational Record (Transcript) Acknowledgment

FUNCTIONAL GROUP=**AK**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Student Educational Record (Transcript) Acknowledgment Transaction Set (131) for use within the context of an Electronic Data Interchange (EDI) environment.

The Student Educational Record (Transcript) Acknowledgment record is used to ensure that the original transcript did, in fact, come from the proper office at the educational institution indicated as the sender and that certain key elements of the transcript were received as they were sent. It also provides the sending institution with confirmation that the original record was received by the intended recipient and the date it was received. This information may then be relayed to the student or other individual who requested the record transfer.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	N1	Party Identification	M	2	
N	0400	REF	Reference Information	M	2	
N	0500	QTY	Quantity Information	M	2	
N	0600	SUM	Academic Summary	O	1	
N	0700	IN2	Individual Name Structure Components	M	1	
	0800	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The N1 segments identify the sending and receiving institutions.

1/0400 The REF segments include the student number in the REF segment and the transaction set reference number in the BGN segment of the original transaction set being referenced.

1/0500 The QTY segments include the number of CRS and DEG segments in the original transaction set being referenced.

1/0600 The SUM segment is the same as the last SUM segment in Table 1 of the original transaction set being referenced.

1/0700 The IN2 segment is the first occurrence of the IN2 segment of the original transaction set being referenced.

132 - Human Resource Information

FUNCTIONAL GROUP=**HU**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Human Resource Information Transaction Set (132) for use within the context of an Electronic Data Interchange (EDI) environment. The Human Resource Information Transaction Set is used to transmit current and historical records of employment status, education, teaching credentials, workexperience, and other significant information on employees in an education environment. Data contained in this transaction set may be sent to educational institutions, school districts, retirement systems, and state or other agencies. This information can be useful in establishing credentials for consideration for employment, certification, and administrative and statistical reporting, or community services.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - N1					>1
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	REF	Reference Information	O	>1	
	0800	COM	Communication Contact Information	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					>1
N	0100	HL	Hierarchical Level	M	1	
	0200	REF	Reference Information	O	>1	
	0300	YNQ	Yes/No Question	O	>1	
	0400	DMG	Demographic Information	O	1	
	0500	III	Information	O	>1	
	0600	LUI	Language Use	O	>1	
	0700	QTY	Quantity Information	O	>1	
	0800	PCT	Percent Amounts	O	>1	
	LOOP ID - NM1					>1
N	0900	NM1	Individual or Organizational Name	M	1	
	1000	N2	Additional Name Information	O	2	
	LOOP ID - N3					5
	1100	N3	Party Location	O	1	
	1200	N4	Geographic Location	O	1	
	1300	COM	Communication Contact Information	O	>1	
	LOOP ID - CQ					>1

	1400	CQ	Credentials and Qualifications	O	1	
	1500	FOS	Field of Study	O	>1	
N	1600	DTP	Date or Time or Period	O	>1	
	1700	REF	Reference Information	O	10	
	1800	ISI	Institutional Staff Information	O	>1	
	1900	YNQ	Yes/No Question	O	>1	
LOOP ID - DEG						5
	2000	DEG	Degree Record	O	1	
	2100	FOS	Field of Study	O	10	
	2200	QTY	Quantity Information	O	>1	
LOOP ID - CRS						>1
N	2300	CRS	Course Record	O	1	
	2400	CSU	Supplemental Course Data	O	1	
LOOP ID - N1						10
N	2500	N1	Party Identification	O	1	
	2600	N2	Additional Name Information	O	2	
	2700	N3	Party Location	O	2	
	2800	N4	Geographic Location	O	1	
	2900	COM	Communication Contact Information	O	>1	
LOOP ID - EMS						>1
	3000	EMS	Employment Position	O	1	
	3100	ISI	Institutional Staff Information	O	>1	
	3200	ESI	Employment Status Information	O	1	
	3300	LQ	Industry Code Identification	O	>1	
	3400	DTP	Date or Time or Period	O	>1	
	3500	QTY	Quantity Information	O	>1	
	3600	YNQ	Yes/No Question	O	>1	
	3700	REF	Reference Information	O	>1	
	3800	ELV	Employee Leave Summary	O	15	
	3900	AIN	Income	O	25	
	4000	CN1	Contract Information	O	1	
	4100	CON	Contract Number Detail	O	1	
LOOP ID - N9						>1
N	4200	N9	Extended Reference Information	O	1	
	4300	PCT	Percent Amounts	O	1	
LOOP ID - N1						1
N	4400	N1	Party Identification	O	1	
	4500	N4	Geographic Location	O	1	
LOOP ID - SES						>1
	4600	SES	Academic Session Header	O	1	
	4700	DTP	Date or Time or Period	O	>1	
LOOP ID - WLD						>1
	4800	WLD	Workload Detail	O	1	
N	4900	N1	Party Identification	O	1	

5000	QTY	Quantity Information	O	>1			
5100	DTP	Date or Time or Period	O	>1			
5200	REF	Reference Information	O	>1			
5300	PCT	Percent Amounts	O	>1			
5400	YNQ	Yes/No Question	O	>1			
5500	SE	Transaction Set Trailer	M	1			

Notes

1/0300 The N1 loop identifies the reporting institution.

2/0100 The HL loop identifies the hierarchical levels of the transaction set: State, System, District, Region, Institution, and Individual.

2/0900 The NM1 loop identifies the name of the entity described in the HL loop.

2/1600 The DTP segment transmits significant dates associated with the the credential or qualification such as the date issued and expiration date.

2/2300 The CRS loop provides information about academic courses taken in other than regular vocational, undergraduate or graduate courses or programs. This would include personal development courses and other training taken by the individual.

2/2500 The N1 loop identifies the entity awarding the credential or validating the qualification.

2/4200 The N9 loop identifies a fund source and the percent contributed to the funding of the employment position described in the EMS loop at 2/3200.

2/4400 The N1 loop identifies the employer for the position described in the EMS loop.

2/4900 The N1 segment identifies the entity for which the workload taskis performed.

133 - Educational Institution Record

FUNCTIONAL GROUP=**CW**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Educational Institution Record Transaction Set (133) for use within the context of an Electronic Data Interchange (EDI) environment. The Educational Institution Record conveys descriptive characteristics of postsecondary and elementary/secondary educational institutions. Data contained in this record includes information about institutional location, type, student enrollment, staffing governance, finance, programs, and services at an educational institution.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	ERP	Educational Record Purpose	M	1	
	LOOP ID - N1					>1
	0400	N1	Party Identification	M	1	
	0500	N2	Additional Name Information	O	2	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	
	0800	REF	Reference Information	O	>1	
	0900	COM	Communication Contact Information	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					>1
N	0100	HL	Hierarchical Level	M	1	
	0200	SCT	School Type	O	>1	
	0300	OPX	Placement Criteria	O	>1	
	0400	REF	Reference Information	O	>1	
	0500	DEG	Degree Record	O	>1	
	0600	ISI	Institutional Staff Information	O	>1	
	0700	LQ	Industry Code Identification	O	>1	
	0800	EDF	Educational Fee Information	O	>1	
	0900	DTP	Date or Time or Period	O	>1	
	LOOP ID - N1					>1
N	1000	N1	Party Identification	M	1	
	1100	N2	Additional Name Information	O	2	
	1200	N3	Party Location	O	2	
	1300	N4	Geographic Location	O	1	
	1400	PPA	Property Location	O	>1	
	1500	COM	Communication Contact Information	O	>1	
	LOOP ID - YNQ					>1
N	1600	YNQ	Yes/No Question	O	1	
	1700	QTY	Quantity Information	O	>1	

	1800	PCT	Percent Amounts	O	>1	
	LOOP ID - FOS					>1
N	1900	FOS	Field of Study	O	1	
	2000	DEG	Degree Record	O	1	
	2100	AMT	Monetary Amount Information	O	>1	
	LOOP ID - SP					>1
	2200	SP	Special Program	O	1	
	2300	REF	Reference Information	O	>1	
N	2400	NM1	Individual or Organizational Name	O	>1	
	LOOP ID - SLA					>1
	2500	SLA	School Accreditation and Licensing	O	1	
N	2600	FOS	Field of Study	O	>1	
	2700	REF	Reference Information	O	>1	
	LOOP ID - N1					1
N	2800	N1	Party Identification	O	1	
	2900	N2	Additional Name Information	O	2	
	3000	N3	Party Location	O	2	
	3100	N4	Geographic Location	O	1	
	LOOP ID - ENM					>1
	3200	ENM	School Enrollment Data	O	1	
	3300	FOS	Field of Study	O	1	
	3400	QTY	Quantity Information	O	>1	
	3500	NTE	Note/Special Instruction	O	>1	
	LOOP ID - ATV					>1
	3600	ATV	Student Activities and Awards	O	1	
	3700	REF	Reference Information	O	>1	
	3800	SE	Transaction Set Trailer	M	1	

Notes

2/0100 The HL segment identifies the appropriate hierarchical level: State, District, System, Institution. All levels are optional.

2/1000 The N1 segment identifies the name of the school or institution described in the following detail. The N1 loop provides information about entities which are being reported under the auspices of the reporting institution previously identified at locations 1/0400-1/0700. (e.g., The medical school associated with an institution may have its own state and federal identifiers and provide some separate information. A school district may report as an aggregate with some individual information supplied for specific schools within the district.)

2/1600 The YNQ loop provides responses to questions about the entity identified in the N1 loop at 2/1000, and related quantity and percent information.

2/1900 The FOS segment indicates various fields of study offered by the institution.

2/2400 The NM1 segment identifies persons or other entities associated with the special program offerings.

2/2600 The FOS segment identifies fields of study associated with accreditation or licensing.

2/2800 The N1 loop provides information about an agency other than those agencies coded in the SLA segment which supplied the accreditation, licensing, or affiliation.

135 - Student Aid Origination Record

FUNCTIONAL GROUP=**SL**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Student Aid Origination Record Transaction Set (135) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by lending institutions ("lenders"), colleges, universities and trade schools ("schools"), and loan guarantee agencies ("guarantors") to exchange information relating to the certification, approval, and guarantee of specific student aid. This information includes, but is not limited to, student and applicant identification, school enrollment data, borrowing history, and the terms of the loan. This standard supports multi-program transactions to exchange information about a student loan, or grant between schools and fund sources. A fund source could be a guarantor and lender combination, state agency, private lender, scholarship agency, or the US Department of Education.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0500	DEF	Delayed Repayment	O	1	
	0600	DTP	Date or Time or Period	O	5	
	0610	GR	Guarantee Result Detail	O	1	
	LOOP ID - LX					>1
N	0620	LX	Transaction Set Line Number	O	1	
	0630	LQ	Industry Code Identification	O	1	
	0640	SAD	Student Award Detail	O	1	
	0650	AMT	Monetary Amount Information	O	15	
	0660	DTP	Date or Time or Period	O	15	
	0670	YNQ	Yes/No Question	O	5	
	0680	QTY	Quantity Information	O	5	
	0690	REF	Reference Information	O	2	
	LOOP ID - ENT					6
N	0700	ENT	Entity	M	1	
	0800	NTE	Note/Special Instruction	O	5	
	0900	ENR	School Enrollment Information	O	1	
	1000	FNA	Financial Status Information	O	1	
	1100	AMT	Monetary Amount Information	O	15	
	1200	MEA	Measurements	O	2	
	1300	SCT	School Type	O	8	
	1400	DTP	Date or Time or Period	O	1	
	1500	Y6	Authentication	O	1	
	1550	IDB	Indebtedness for Student Loans	O	10	
	LOOP ID - N1					2
	1600	N1	Party Identification	O	1	

	1700	N3	Party Location	O	2	
	1800	N4	Geographic Location	O	1	
	1900	REF	Reference Information	O	10	
	2000	PER	Administrative Communications Contact	O	2	
	LOOP ID - PLI					10
N	2100	PLI	Previous Loan Information	O	1	
	2200	N1	Party Identification	O	2	
	2300	N3	Party Location	O	2	
	2400	N4	Geographic Location	O	1	
	LOOP ID - IN1					10
N	2500	IN1	Individual Identification	O	1	
	2600	IN2	Individual Name Structure Components	O	5	
	2700	DMG	Demographic Information	O	1	
	2800	DMA	Additional Demographic Information	O	1	
	LOOP ID - LX					4
N	2900	LX	Transaction Set Line Number	O	1	
	3000	N1	Party Identification	O	1	
	3100	N3	Party Location	O	2	
	3200	N4	Geographic Location	O	1	
	3300	DTP	Date or Time or Period	O	3	
	3400	PER	Administrative Communications Contact	O	2	
	LOOP ID - LM					1
N	3410	LM	Code Source Information	O	1	
	3420	LQ	Industry Code Identification	O	10	
	3500	SE	Transaction Set Trailer	M	1	

Notes

1/0620 Use the LX loop to identify specific aid information and disbursement details.

1/0700 Use the ENT loop to identify the applicant, student, school, lender, and guarantor entities.

1/2100 Use the PLI loop to identify previous loan information.

1/2500 Use the IN1 loop to identify the applicant, student, spouse, references, and cosigners information.

1/2900 Use the LX loop to identify the applicant and student state residency information; the applicant, student, spouse, references, and cosigners address information; and the applicant, references, and cosigners employer information.

1/3410 Use the LM loop to identify the guarantor exception codes.

138 - Educational Testing and Prospect Request and Report

FUNCTIONAL GROUP=**TT**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Educational Testing and Prospect Request and Report Transaction Set (138) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used by educational institutions and employers to request and receive results of testing programs from testing services and prospective student information from prospect services. Each transaction may include one prospect's identification, demographic information, academic background, goals and preferences, test identification, testing conditions, scoring results, and test normalization analysis including national, regional, and local norms.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	ERP	Educational Record Purpose	M	1	
N	0400	REF	Reference Information	M	1	
	LOOP ID - N1					2
N	0500	N1	Party Identification	M	1	
	0600	N3	Party Location	O	1	
	0700	N4	Geographic Location	O	1	
	0800	PER	Administrative Communications Contact	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - IN1					10
N	0100	IN1	Individual Identification	M	1	
	0200	IN2	Individual Name Structure Components	M	10	
	0300	REF	Reference Information	O	5	
	0350	SSE	Entry and Exit Information	O	1	
	0400	DMG	Demographic Information	O	1	
	0500	IND	Additional Individual Demographic Information	O	1	
	0600	LUI	Language Use	O	5	
	0700	N3	Party Location	O	1	
	0800	N4	Geographic Location	O	1	
	0900	COM	Communication Contact Information	O	5	
N	1000	RQS	Request for Information	O	>1	
N	1100	SCA	Statistical Category Analysis	O	>1	
	LOOP ID - EMS					10
N	1200	EMS	Employment Position	O	1	
	1300	N1	Party Identification	O	1	
	1400	DTP	Date or Time or Period	O	1	

LOOP ID - TST						>1
N	1500	TST	Test Score Record	O	1	
LOOP ID - SBT						>1
	1600	SBT	Subtest	O	1	
	1700	SRE	Test Scores	O	5	
N	1800	MSG	Message Text	O	>1	
LOOP ID - RAP						>1
N	1900	RAP	Requirement, Attribute, and Proficiency	O	1	
N	2000	EMS	Employment Position	O	1	
LOOP ID - SCA						>1
N	2100	SCA	Statistical Category Analysis	O	1	
N	2200	FOS	Field of Study	O	1	
LOOP ID - N1						1
N	2300	N1	Party Identification	O	1	
	2400	N3	Party Location	O	1	
	2500	N4	Geographic Location	O	1	
	2600	PER	Administrative Communications Contact	O	1	
LOOP ID - DEG						5
N	2700	DEG	Degree Record	O	1	
	2800	FOS	Field of Study	O	5	
LOOP ID - SST						10
N	2900	SST	Student Academic Status	O	1	
	3000	SSE	Entry and Exit Information	O	1	
	3100	SUM	Academic Summary	O	1	
N	3200	FOS	Field of Study	O	>1	
	3250	RQS	Request for Information	O	>1	
LOOP ID - N1						1
N	3300	N1	Party Identification	O	1	
	3400	N3	Party Location	O	1	
	3500	N4	Geographic Location	O	1	
	3570	COM	Communication Contact Information	O	5	
LOOP ID - PCL						25
N	3600	PCL	Previous College	O	1	
	3700	N3	Party Location	O	1	
	3800	N4	Geographic Location	O	1	
	3900	SSE	Entry and Exit Information	O	1	
N	4000	FOS	Field of Study	O	>1	
LOOP ID - DEG						10
N	4100	DEG	Degree Record	O	1	
	4200	SUM	Academic Summary	O	1	
	4300	FOS	Field of Study	O	30	
LOOP ID - ATV						>1
N	4400	ATV	Student Activities and Awards	O	1	
	4500	EMS	Employment Position	O	1	

N	4600	DTP	Date or Time or Period	O	1
	4700	SE	Transaction Set Trailer	M	1

Notes

1/0400 The REF segment indicates the test-taker's identification number.

1/0500 The N1 loop provides information about the sender and the intended receiver.

2/0100 The IN1 loop provides information about the test-taker and related individuals who may have requested the testing or, if the test-taker is a minor, have approved the administration of the test.

2/1000 The RQS segments contain responses to questions about such topics as family income, college preferences, and other supplemental information. The RQS segment identifies the question and the test-taker's response.

2/1100 The SCA segment describes demographic norms for the test-taker or other related individuals.

2/1200 The EMS loop provides employment information about the test-taker and related individuals.

2/1500 The TST loop describes the test results being reported or requested.

2/1500 The TST, DEG, SST, PCL and ATV loops provide information about the test-taker identified in the IN1 loop.

2/1800 The MSG segment contains the text of the essay component of a test.

2/1900 The RAP segment identifies a specific proficiency, licensing requirement, etc. which the test or test component meets.

2/2000 The EMS describes a position the requirements for which the test or test component meets.

2/2100 The SCA loop provides statistical analysis and norms for the test or test components.

2/2200 The FOS segment together with the SCA segment describe the predicted degree of success the test-taker might expect upon entering specific academic programs.

2/2300 The N1 loop describes the testing center or the place where the test or test component was administered.

2/2700 The DEG loop describes the test-taker's academic degree goals and field of study interests.

2/2900 The SST loop provides information about the high schools the student has or is attending, along with self-reported course work, credit hours, GPA, etc.

2/3200 The FOS segments provide information about high school course work or subjects the test-taker has taken.

2/3300 The N1 segment identifies the high school.

2/3600 The PCL loop provides information about the test-taker's current or previous experiences at post-secondary institutions.

2/4000 The FOS segment provides information about the course work or subjects that the test-taker has taken at post-secondary institutions.

2/4100 The DEG loop provides information about degrees, majors, minors, and fields of study which the test-taker has completed or pursued at post-secondary institutions.

2/4400 The ATV loop describes the test-taker's activities, awards and accomplishments.

2/4600 The DTP segment contains the date or range of dates that the test-taker participated in an activity.

139 - Student Loan Guarantee Result

FUNCTIONAL GROUP=**SL**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Student Loan Guarantee Result Transaction Set (139) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by guarantee agencies ("guarantors") to inform a lender, a school, or both as to the status of a student loan guarantee. The guarantee result information includes, but is not limited to, the conditions of approval or denial of a loan guarantee, notice of guarantee and loan disclosure terms, and information regarding previously guaranteed loans.

The student loan guarantee result is the second phase of the student loan application process. After the guarantor reviews the lender-approved student loan application, the agency issues a guarantee result. Subsequent lender processing of the student loan application is based on the information contained in the result transaction. After the lender receives a loan guarantee approval, the federally required loan disclosure is generated, and the loan proceeds are disbursed. If the lender receives a loan guarantee rejection, the lender may correct and resubmit the loan application, or the application may remain in a rejected status.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	GR	Guarantee Result Detail	M	1	
	0400	DB	Disbursement Information	O	10	
	LOOP ID - LM					1
N	0500	LM	Code Source Information	O	1	
	0600	LQ	Industry Code Identification	M	10	
	LOOP ID - ENT					6
N	0700	ENT	Entity	M	1	
	0800	IN2	Individual Name Structure Components	O	5	
	0900	IDB	Indebtedness for Student Loans	O	10	
	1000	DTP	Date or Time or Period	O	1	
	LOOP ID - AMT					10
N	1100	AMT	Monetary Amount Information	O	1	
	1200	DTP	Date or Time or Period	O	1	
	1300	QTY	Quantity Information	O	1	
	1400	SE	Transaction Set Trailer	M	1	

Notes

1/0500 Use the LM loop to identify the guarantor exception codes.
1/0700 Use the ENT loop to identify the applicant, student, school, lender, and guarantor entities.
1/1100 Use the AMT loop to identify the loan repayment requirements.

140 - Product Registration

FUNCTIONAL GROUP=**WA**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Product Registration Transaction Set (140) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to specify the manufacturer, seller, secondary warranter, and purchaser or lessee of the product. It can specify the date the product was sold, delivered, and placed in service as well as identify the product model and serial numbers. It can specify the class of service expected from this individual sale, for example: industrial, commercial, or household. This registration information can be used to divide sales commissions among sales associates or attribute license fees to the proper manufacturer. It can be used to submit many product registrations at one time to one receiving organization.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	BGN	Beginning Segment	M	1	
N	0300	N9	Extended Reference Information	O	>1	
	LOOP ID - N1					3
N	0400	N1	Party Identification	M	1	
	0500	N2	Additional Name Information	O	2	
	0600	N3	Party Location	O	3	
	0700	N4	Geographic Location	O	1	
	0800	REF	Reference Information	O	2	
	0900	PER	Administrative Communications Contact	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LX					>1
N	0100	LX	Transaction Set Line Number	M	1	
N	0150	REF	Reference Information	O	>1	
	LOOP ID - N1					>1
N	0200	N1	Party Identification	M	1	
	0300	N2	Additional Name Information	O	2	
	0400	N3	Party Location	O	3	
	0500	N4	Geographic Location	O	1	
N	0600	PER	Administrative Communications Contact	O	>1	
	0700	DTM	Date/Time Reference	O	1	
N	0800	REF	Reference Information	O	>1	
	LOOP ID - LM					>1
	0860	LM	Code Source Information	O	1	
	0870	LQ	Industry Code Identification	M	100	
	LOOP ID - LIN					>1
N	0900	LIN	Item Identification	M	1	

N	1000	PID	Product/Item Description	O	>1	
N	1100	QTY	Quantity Information	O	1	
N	1200	DTM	Date/Time Reference	O	>1	
N	1300	REF	Reference Information	O	>1	
LOOP ID - N1						>1
N	1400	N1	Party Identification	O	1	
	1500	N2	Additional Name Information	O	2	
	1600	N3	Party Location	O	3	
	1700	N4	Geographic Location	O	1	
N	1800	PER	Administrative Communications Contact	O	>1	
LOOP ID - PSC						>1
N	1900	PSC	Product Service Contract	O	1	
N	2000	SSS	Product Special Services	O	>1	
N	2100	AMT	Monetary Amount Information	O	>1	
N	2200	CUR	Currency	O	1	
N	2300	ITA	Allowance, Charge or Service	O	1	
N	2400	TXI	Tax Information	O	1	
N	2500	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
N	2600	N9	Extended Reference Information	O	>1	
LOOP ID - SLN						>1
N	2700	SLN	Subline Item Detail	O	1	
	2800	PID	Product/Item Description	O	>1	
	2900	QTY	Quantity Information	O	1	
	3000	DTM	Date/Time Reference	O	>1	
	3100	REF	Reference Information	O	>1	
LOOP ID - N1						>1
N	3200	N1	Party Identification	O	1	
	3300	N2	Additional Name Information	O	2	
	3400	N3	Party Location	O	3	
	3500	N4	Geographic Location	O	1	
N	3600	PER	Administrative Communications Contact	O	>1	
LOOP ID - PSC						>1
	3700	PSC	Product Service Contract	O	1	
	3800	SSS	Product Special Services	O	>1	
	3900	AMT	Monetary Amount Information	O	>1	
	4000	CUR	Currency	O	1	
	4100	ITA	Allowance, Charge or Service	O	1	
	4200	TXI	Tax Information	O	1	
	4300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	4400	N9	Extended Reference Information	O	>1	
LOOP ID - LM						>1
	4500	LM	Code Source Information	O	1	
	4600	LQ	Industry Code Identification	M	100	
	4700	SE	Transaction Set Trailer	M	1	

Notes

1/0200 BGN02 is used as the initial reference identifier for this transaction. BGN03 defines the date of this registration transaction. Normally BGN04 and BGN05 would not be used in this transaction. BGN01 is normally set to 00 to indicate that this is an original registration. Product registration is normally a by-product of a sale.

1/0300 The N9 segment can provide a reference to a previous registration transaction. For example, this could be a replacement of a previous registration transaction.

1/0400 The N1 loop defines the party submitting the product registration, usually the seller of the product rather than the customer, and the party who maintains the registration database, usually the manufacturer of the product. The N1 loop also can be used to specify the product's distributor.

2/0100 Each iteration of the LX loop is used to group one or more products that are being registered to one individual or organization.

2/0150 The REF segment is used to identify the individual registration number. It can include the data element 128, code value Q8, "Registration Number."

2/0200 The N1 loop is used to identify the individual or organization responsible for the registration. This could be the purchaser, the lessee, the operator, etc. This is the party registered to be notified if a product recall is required. Successive iterations could identify other individuals and organizations who are involved in some manner. It also could be used to specify if the product is to be installed or housed at a location that is different than that listed for the registration. An additional use of the N1 loop has been requested to be able to include the salesperson who sold the product or service contract and the service manager who would be responsible for servicing the product.

2/0600 The PER segment is used to provide an individual's or department's name for a particular support function and, if desired, their communication number for a phone, electronic mail, etc.

2/0800 The REF segment could be used to identify the item into or onto which this product being warranted will be residing. For example, when a controller is attached to a numerically controlled machine tool, part of the registration could include information about the machine tool. The machine tool could be identified with multiple occurrences of the REF segment. A similar situation would be if an engine were being replaced in a heavy duty truck. The REF segment could then be used to specify the vehicle.

2/0900 There is a separate LIN segment for each product included in this sale represented by the single iteration of the LX loop. The LIN segment will contain the product's model number and serial number in data element 234-235 combinations. The other pairs can be used to provide other information about the product.

2/1000 The PID segment can be used to provide additional information regarding the product. However, it seldom will be required. When it is used, PID06, data element 752, is not required.

2/1100 The QTY segment is used to reflect the quantity of items that do not have a serial number. QTY01 will have a discrete quantity qualifier of 01. For all items with a serial number, the value to be used is either explicitly or implicitly set to one.

2/1200 The DTM segment in the LIN loop can be used to specify the dates that are significant to the registration such as delivery, installation, placed in service, failed, brought in for service, etc.

2/1300 The REF segment can identify information about the product that was not able to be coded in the preceding segments. For example, it can be used to specify the warranty coverage code and the warranty registration number.

2/1400 The N1 loop within the LIN loop provides the same capabilities for the single product as the N1 loop above in the LX loop provides for the entire sale.

2/1800 The PER segment is used to provide an individual's or department's name or functional area and, if desired, their communication number for a phone, electronic mail, etc.

2/1900 The PSC loop in the LIN loop refers to the warranty or service contract for the entire product described by the LIN segment. If special operating conditions that could affect the registration are to be noted, such as a household product being used commercially, this would be placed in the PSC segment. Unless noted to the contrary, it will be assumed that the product will be used in its most normal capacity. For example, a kitchen appliance, unless specifically stated to the contrary, will be assumed to be used within a household. The PSC loop also may be used when a for fee registration is being specified, such as an extended warranty or service contract. The PSC segment also may be used without the other segments in the loop to describe conditions of a standard, free warranty registration. The PSC segment is used to specify the period for the warranty or service contract. There may be other measures of service life of a product such as operation counter, an odometer to measure mileage of a vehicle, or a clock that measures operational hours.

2/2000 The SSS special service segment is used in conjunction with the PSC segment to add any extra services to be specified within the service contract. For example, there may be a clause for 24 hour service or a guaranteed service response of no more than so many hours.

2/2100 The repeated use of the AMT segment within the PSC loop allows the total amount of the contract to be specified as well as any special conditions on the amount.

2/2200 The CUR segment is only required when the service contract is to be paid across national boundaries.

2/2300 The ITA segment would be used in those special cases where the normal service contract cost does not apply. For example, in fleet sales, the product and its service contract may be bought from a local dealer, but because one purchaser buys many of them from several dealers spread across a geographic area, they get a discount or extra service on the purchase.

2/2400 The TXI, Tax Information segment, can be used to list the sales tax paid on a service contract. Also it identifies the taxing authority.

2/2500 The ITD segment is to be used in the case where the service contract is to be paid at regular intervals over the life of the contract. For example, the payments might be monthly or quarterly.

2/2600 The N9 segment within the PSC loop can contain a unique code identifying the terms of the service contract. For example, repair order number or contract number as preassigned by the product's manufacturer. It also can be used to record the customer's method of payment for a service contract. It then would be used to contain the check number or charge card number. The expiration date on the charge card does not need to be recorded as the computer program entering the transaction only has to check that the card has not expired. N903 will be able to contain the name of the issuer of the card.

2/2700 The SLN loop is used to describe subassemblies or parts within an assembly that may be covered by separate warranty conditions. A pair of data elements 234 and 235 in the SLN segment will be used to contain the serial number, lot number, model number, etc. of the subassembly being registered. All the loops and segments within the SLN loop perform the same functions for the subassemblies as their counterparts above did for the product.

2/3200 The N1 loop within the SLN loop provides the same capabilities for the single product as the N1 loop above in the LX loop provides for the entire sale. However, the assembly whose information is in the N1 loop is part of the product specified in the SLN loop.

2/3600 The PER segment is used to provide an individual's or department's name or functional area and, if desired, their communication number for a phone, electronic mail, etc.

141 - Product Service Claim Response

FUNCTIONAL GROUP=**WA**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Product Service Claim Response Transaction Set (141) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit the status of a product service claim and the items accepted and rejected for payment from the product service claim. Each product service claim submission could have represented the repair of several individual products and each pair could have consisted of several repair actions involving parts and labor.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	BGN	Beginning Segment	M	1	
N	0300	QTY	Quantity Information	O	3	
	0350	N9	Extended Reference Information	O	>1	
	LOOP ID - N1					2
N	0400	N1	Party Identification	M	1	
	0500	N2	Additional Name Information	O	2	
	0600	N3	Party Location	O	4	
	0700	N4	Geographic Location	O	1	
	0800	REF	Reference Information	O	2	
N	0900	PER	Administrative Communications Contact	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LX					>1
N	0100	LX	Transaction Set Line Number	M	1	
N	0150	REF	Reference Information	M	8	
N	0200	PCS	Product Claim Status	O	1	
N	0300	DTM	Date/Time Reference	O	>1	
N	0400	MSG	Message Text	O	>1	
N	0500	AMT	Monetary Amount Information	O	>1	
N	0600	PER	Administrative Communications Contact	O	1	
N	0700	RC	Root Cause	O	1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - TDS					1
N	0100	TDS	Total Monetary Value Summary	O	1	
N	0150	AMT	Monetary Amount Information	O	>1	
N	0200	CUR	Currency	O	1	
	0300	SE	Transaction Set Trailer	M	1	

Notes

1/0200 The BGN segment must contain a number for reference to this claim response transaction and the date on which the transaction was created.

1/0300 The QTY segment can be used to specify the total quantity of claims included in this transaction as well as the quantity approved and the quantity disapproved.

1/0400 The N1 loop defines the party making the product service claim response and the party to receive the response.

1/0900 This is the representative who reviewed the entire claim response and the appropriate communication numbers.

2/0100 The LX loop serves only to separate the individual product service claim response levels. Consequently, the LX segment would probably contain only a sequential number.

2/0150 See X12 EDI Standard Figures, https://figures.x12.org, for an explanation of the use of the REF segment in the LX loop.

2/0200 The PCS segment identifies the status of the item specified by the repeated REF segments.

2/0300 The DTM segment clearly is an optional segment that tells any date or time information that is significant to that particular claim status level. It can be repeated, if necessary.

2/0400 The MSG segment seldom should be used. It is only necessary if the coded warranty claim status in the PCS segment is not sufficient to describe the detail as to a change in a submitted claims. It can be repeated to allow a full length message. However, the use of the MSG segment inhibits computer processing of the transaction by either party.

2/0500 The optional AMT segment would be used if the amount of the individual claim that will be credited or submitted needs to be specified.

2/0600 This is the representative who analyzed this individual claim and the appropriate communication numbers.

2/0700 This is the factory assigned root cause for the problem specified in the original product service claim and should be entered only when it differs from that used in the original claim or was not included with the original claim. It should not be used to repeat back information that was contained in the original claim.

3/0100 TDS01 in the trailer is able to contain the total amount to be credited or paid on the sum of all claims contained in this response transaction.

3/0150 The amounts contained in the AMT segment will represent a detailed breakdown for the entire claim. The total amount to be credited or paid on the sum of all claims is to be specified in the preceding TDS segment.

3/0200 The CUR segment will be used only if it is necessary to convert from one currency to another to pay for these claims.

142 - Product Service Claim

FUNCTIONAL GROUP=**WA**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Product Service Claim Transaction Set (142) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit the servicing organization, claimant, manufacturer, seller, and purchaser of the product.

It can specify the product's current usage, date the product was sold, delivered, and placed in service as well as identify product model and serial numbers and serial numbers of any subassemblies. It can specify a malfunction or recall condition, service performed, labor, parts, and any other associated costs. It can show the costs of the repair and the date service was requested and when it was available to be placed back in service.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	BGN	Beginning Segment	M	1	
	0250	N9	Extended Reference Information	O	>1	
	LOOP ID - N1					4
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	3	
	0600	N4	Geographic Location	O	1	
N	0700	REF	Reference Information	O	2	
N	0800	PER	Administrative Communications Contact	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LX					>1
N	0100	LX	Transaction Set Line Number	M	1	
	LOOP ID - N9					>1
N	0200	N9	Extended Reference Information	M	1	
	0250	MSG	Message Text	O	>1	
	LOOP ID - LIN					>1
N	0300	LIN	Item Identification	M	1	
N	0400	PID	Product/Item Description	O	>1	
N	0450	LOC	Location	O	1	
N	0500	QTY	Quantity Information	O	>1	
N	0600	DTM	Date/Time Reference	O	>1	
N	0700	REF	Reference Information	O	>1	
N	0800	PER	Administrative Communications Contact	O	1	
N	0900	PSC	Product Service Contract	O	>1	
N	1000	SSS	Product Special Services	O	>1	

LOOP ID - LM						3
N	1040	LM	Code Source Information	O	1	
	1080	LQ	Industry Code Identification	M	>1	
LOOP ID - N1						>1
N	1100	N1	Party Identification	O	1	
	1200	N2	Additional Name Information	O	2	
	1300	N3	Party Location	O	3	
	1400	N4	Geographic Location	O	1	
	1500	N9	Extended Reference Information	O	2	
N	1600	PER	Administrative Communications Contact	O	2	
LOOP ID - PRR						>1
N	1700	PRR	Problem Report	M	1	
N	1800	LIN	Item Identification	O	1	
N	1850	LOC	Location	O	1	
N	1900	QTY	Quantity Information	O	1	
N	2000	DTM	Date/Time Reference	O	>1	
N	2100	MSG	Message Text	O	>1	
N	2200	RC	Root Cause	O	1	
N	2300	PER	Administrative Communications Contact	O	1	
N	2400	PSC	Product Service Contract	O	>1	
N	2500	SSS	Product Special Services	O	>1	
LOOP ID - CID						>1
N	2600	CID	Characteristic/Class ID	O	1	
N	2700	TMD	Test Method	O	>1	
LOOP ID - MEA						>1
N	2800	MEA	Measurements	O	1	
N	2900	DTM	Date/Time Reference	O	1	
N	3000	LIN	Item Identification	O	>1	
LOOP ID - REP						>1
N	3100	REP	Repair Action	M	1	
N	3200	REF	Reference Information	O	>1	
N	3300	N1	Party Identification	O	2	
	3350	PER	Administrative Communications Contact	O	1	
N	3400	RC	Root Cause	O	1	
N	3500	DTM	Date/Time Reference	O	>1	
N	3550	LIN	Item Identification	O	>1	
	3570	ITA	Allowance, Charge or Service	O	>1	
N	3600	MSG	Message Text	O	>1	
	3620	PRT	Part Disposition	O	1	
LOOP ID - LM						3
N	3650	LM	Code Source Information	O	1	
	3680	LQ	Industry Code Identification	M	>1	
LOOP ID - MEA						>1
N	3700	MEA	Measurements	O	1	
N	3800	DTM	Date/Time Reference	O	1	

N	3900	LIN	Item Identification	O	>1	
	LOOP ID - IT1					>1
N	4000	IT1	Baseline Item Data (Invoice)	O	1	
N	4050	LIN	Item Identification	O	>1	
N	4100	N1	Party Identification	O	>1	
N	4200	N9	Extended Reference Information	O	>1	
N	4300	PRT	Part Disposition	O	1	
	4350	DTM	Date/Time Reference	O	1	
N	4400	ITA	Allowance, Charge or Service	O	>1	
	4450	CUR	Currency	O	1	
	LOOP ID - AMT					1
N	4500	AMT	Monetary Amount Information	O	1	
N	4600	TXI	Tax Information	O	>1	
N	4700	CUR	Currency	O	1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - TDS					1
N	0100	TDS	Total Monetary Value Summary	O	1	
N	0200	TXI	Tax Information	O	>1	
N	0300	CUR	Currency	O	1	
	0400	SE	Transaction Set Trailer	M	1	

Notes

1/0200 BGN02 contains the warranty reference number. This could be a batch number for a group of claims. It will be used in LIN03 in the corresponding product service claim response transaction (141). BGN03 contains the product service claim transaction original creation date.

1/0300 The N1 loop identifies the sending party, usually the servicing organization, and the receiving party, usually the product's manufacturer. In addition, a third party, such as the product's distributor, can be identified. It is also possible to specify a secondary warranter such as a credit card issuer or a motor oil manufacturer.

1/0700 An independent servicing agency, usually identified as the sending party in the first iteration of the N1 loop, has a servicing contract with the manufacturer, usually the receiving party identified in the second iteration of the N1 loop. The REF segment in the N1 loop can contain the identity of this servicing contract between the two parties.

1/0800 The PER segment within the N1 loop of the heading area is used to refer to an individual for administrative purposes. It is not intended to be the one with whom technical issues would be discussed. The technical contacts would be contained in the PER segment within the N1 loops in the detail area. PER02 can be used to identify a person by name or job function or department.

2/0100 The LX loop represents an individual claim. Normally a claim will be for an independent product, assembly, subassembly, or component. However, a single claim also can be used for a group of similar products to be submitted to a single party.

2/0200 N902 in the first or only occurrence of a N9 segment at this position in the LX loop must contain the reference number for all charges in this iteration of the LX loop.

2/0300 The LIN loop must be used to describe the product being serviced. The LIN segment contains 235-234 data element pairs that can be used to identify the product manufacturer

(MF), model number (MN), serial number (SN), equipment identification number (EM), vehicle identification number (VV), model year (RY), etc.

2/0400 The PID segment provides capability for further description of a product that cannot be described in an LIN segment. PID03 to PID05 can be used to described these features, such as the cab configuration of a vehicle.

2/0450 The LOC segment is used to describe the position of equipment within a structure or an assembly, subassembly, or part within a piece of equipment in space relative to an origin. For example, it could describe the location of a telephone switch within a building and of an individual circuit card within the switch by giving the position of a drawer within a rack within a switch.

2/0500 The QTY segment in the LIN loop reflects the quantity of items that do not have a serial number and are being serviced together under one repair order. For all items with a serial number, the value to be used is either explicitly or implicitly set to one. It also can specify the current service life such as miles, kilometers, or hours of the product being serviced.

2/0600 The DTM segment could contain product related dates such as product delivery date (035), acceptance date (301), service requested (211), returned to customer (212), purchased (304), and manufacturer (094).

2/0700 The REF segment provides additional data about the product, its registration data and servicing environment that don't fit well within the LIN segment either because it requires too much extraneous data to be sent or the required codes are not available in the codes lists of the data elements within the LIN segment, but are available within the Reference Number Qualifier data element used in the REF segment.

2/0800 The PER segment lists the contact at the servicing location for technical questions regarding the repair or condition of the product. This could be the service manager or service technician.

2/0900 The PSC segment describes the status of the warranty, the type of warranty, recall notice, service bulletin, or service contract or other conditions for the product that could allow a service claim in effect at the time of service, if any. It also identifies the service contract number in PSC05. The PSC segment is used to describe the period of the warranty or service contract.

2/1000 The SSS segment can be used to describe conditions such as carry-in or on-site service.

2/1040 The LM/LQ loop provides the capability to use an industry or company code list to specify the area of the product under repair.

2/1100 The N1 loop will be used to specify the parties involved with the item being serviced. It could be the registered owner (RW), the one who requested service (SQ), the one who is to be notified when the service has been completed (N1), the item's owner (OW), the initial dealer (ID), or any combination of them. The N1 loop is optional. If the product had been registered, the ownership data should already be available and can be accessed by the model and serial numbers that are placed in the LIN segment. The N1 loop also can be used to identify individuals in the service shop associated with this claim. For example, it could be used to identify the individual who received the item from the customer and wrote the repair order (OE). Another possible use for the N1 loop is to identify who pre-approved the claim. The N9 segment within the N1 loop would be used for the appropriate authorization number.

2/1600 The PER segment in the N1 loop can give the communications contact information, such as telephone number, of an owner's representative (OS) who can supply additional information about the complaint.

2/1700 The PRR loop describes the reported problem. It can be a product recall or service bulletin as well as a customer complaint. Each iteration of the PRR loop describes a single problem. The complaints should be in a coded format contained in PRR04 so that the transaction can be processed by a computer program. The PRR segment can have a code that describes the urgency or severity of the problem.

2/1800 If necessary, the LIN segment describes the portion of the entire product causing the complaint. For example, it may be a subassembly or component. If more than one subassembly is having a problem, each would be identified in a separate PRR loop. The LIN segment contains 235-234 data element pairs that can be used to identify the product manufacturer (MF), model number (MN), and serial number (SN).

2/1850 The LOC segment is used to describe the position of equipment within a structure or an assembly, subassembly, or part within a piece of equipment in space relative to an origin. For example, it could describe the location of a telephone switch within a building and of an individual circuit card within the switch by giving the position of a drawer within a rack within a switch.

2/1900 The QTY segment can specify the quantity of components or subassemblies that do not have a serial number and are being serviced together under one service order. For all items with a serial number the value to be used is either implicitly or explicitly set to one. The QTY segment can also specify the current service life of the component or subassembly, such as mileage or time. The equivalent information regarding the entire product should be contained in the QTY segment within the LIN loop.

2/2000 The DTM segment can be used, for example, to report the time of failure (319) or when service was performed on the unit (302).

2/2100 The MSG segment can be used to describe the customer's complaint. Non-standard complaints that can't be coded in PRR04 can be placed here. This, however, limits the possibility of having a computer completely process the claim.

2/2200 The RC segment can specify the principle part involved in the failure in RC02. If a part number is specified in RC02, then the condition of the part must be included in either RC06 or RC07. Any free-form description of the root cause should be included in RC08. The use of RC08 will probably require human analysis. It may be that a root cause is entitled only to fixed reimbursement.

2/2300 The PER segment lists the contact at the servicing location for technical questions regarding the repair condition of the component or subassembly.

2/2400 The PSC segment describes the status of the warranty, the type of warranty, recall notice, service bulletin, or service contract or other conditions for the assembly or subassembly that could allow a service claim in effect at the time of service, if any. If the assembly or subassembly has a separate service contract that is different than that for the entire product, it can be identified in PSC05.

2/2500 The SSS segment can be used to describe conditions that pertain only to the assembly or subassembly.

2/2600 The CID segment describes a particular portion of the product which has individual test specifications. For example, the tuner in a television set.

2/2700 The TMD segment specifies a code test procedure which will be used in the analysis of the customer's complaint.

2/2800 The MEA segment provides the results of any testing done before performing the service. Unless noted otherwise, this same test usually will be performed at the completion of the service activity. The preceding CID specifies the test conditions.

2/2900 Some tests may require being run at various intervals of time. The time the separate tests were run is specified here.

2/3000 The LIN segment can contain the identity of the test equipment, if significant.

2/3100 The REP loop is used to describe the actions that were taken in servicing a problem. There can be a separate REP loop for each individual repair action, such as for each part replaced or individual adjustment. If this repair was the result of a service bulletin, then the bulletin number would be specified in REP03. A repair action can be identified in REP08 or REP09. For example, it could be the replacement of a part or assembly (RT), performing a calibration (CL), performing an alignment (AL), soldering a component (SD), etc. The repair action

(REP08) should be in a coded format so that the transaction can be processed by a computer program. REP01 can be used to identify the repair action line number for use in the product service claim response in LIN09 to identify this individual repair action.

2/3200 If you want to refer to a problem or a repair listed earlier in the transaction, REF02 provides an identifier to the relevant PRR loop (PRR01) or to a relevant earlier REP loop (REP01). REF01 would contain the qualifier of "prior identifier". For example, if this is an REP loop to calibrate a circuit because a printed circuit board was replaced, REF02 would be used to refer to the REP loop where the printed circuit board was replaced. This also could be used to refer to a reported problem by referencing PRR01.

2/3300 The N1 segment provides an identifier to the individual or organization that authorized this particular repair.

2/3400 The root cause, specified by the RC - Root Cause segment, is the ultimate reason why this particular repair action had to be performed. For example, a loose lubrication fitting could result in the loss of lubricant which caused an assembly to fail. The root cause of this particular repair action then would be the loose lubrication fitting.

2/3500 The DTM segment specifies dates and, if necessary, times that are important to the service operations performed on the product. For example, it can include the time service was requested, when the product was presented for service, the actual repair start and stop times, and when the product was returned to the customer after the completion of the service. Such detailed time information could be vital if there was a service contract that had a penalty if the item was out of service for more than a specified period of time.

2/3550 The LIN segment within the REP loop is intended to be used to specify the parts used in the service action. The manufacturer, model and serial number, location on product, etc. can be specified.

2/3600 The MSG segment can be used to describe a non-standard repair action. This, however, limits the possibility of having a computer completely process the claim. The use of a standard repair action in REP08 rather than putting a reason in an MSG segment allows computer processing of the claim.

2/3650 The LM/LQ loop provides the capability to use an industry or company code list to specify the area of the product under repair.

2/3700 The MEA loop is for any tests that are run at the completion of the repair to prove that the product is now able to operate within the specifications as given in the CID loop within the PRR loop above. The function of segments within this MEA loop are the same as in the MEA loop above.

2/3800 This is used, for example, when time is significant in the test procedures.

2/3900 The LIN segment can contain the identity of the test equipment, if significant.

2/4000 The IT1 segment is used to specify a charge associated with the servicing of one item. For example, each of the individual parts or assemblies can be specified by part number. It also can list the labor operation number and the standard labor hours for this repair. Each occurrence of IT101 within a single transmission must be a unique alphanumeric string. Therefore, it is possible, but not required, to use sequential numbers as the identifier in IT101.

2/4050 The LIN segment within the IT1 loop is intended to be used to specify the parts or supplies that are being charged against the service action.

2/4100 The N1 segment is the source of a purchased replacement part.

2/4200 The N9 segment, if necessary, can contain the invoice number for the purchased replacement part. It refers back to the previous N1 segment which identified the source of the part.

2/4300 The PRT segment specifies the actual or specified disposition of the replaced part identified by the IT1 loop.

2/4400 The ITA segment specifies summary charges for each REP loop. This can include any special service charges, a minimum labor charge, and miscellaneous charges.

2/4500 AMT01 contains the amount claimed for this LX loop. The AMT loop contains financial data for the entire claim. Of course, the transmission could have been composed of more than one claim. If so, table 3 will contain the summary financial data for the entire transaction.

2/4600 The TXI segment specifies the taxes, usually sales tax, for each of the taxing jurisdictions that can be involved in this particular claim.

2/4700 One or the other of the CUR segments in table 2 or 3 can be used, but not both. In table 2, CUR represents the currency in a single iteration of the LX loop. In table 3, it represents the currency for the entire transaction. CUR segments will only be used if there are two different currencies involved in the claim. For example, the claim is being submitted to a firm in the United States and the work was done in Canada and the claim is to be paid in Canadian funds.

3/0100 The TDS loop in table 3 is used to accumulate the total costs and charges associated with all items being claimed in this single transaction. This loop is placed at the end rather than the beginning of the transaction to supply the grand total and to simplify processing the accumulated values.

3/0200 The TXI segment specifies the taxes, usually sales tax, for each of the taxing jurisdictions that can be involved in this entire transaction.

3/0300 The currency used specifies that for the entire transaction these are the currency conversion rates. The CUR segment in this TDS loop should not be used if the CUR segment was used in one or more iterations of the preceding AMT loop. That would have indicated that some of the individual claims within this transaction were to be paid in one currency and others in another currency.

143 - Product Service Notification

FUNCTIONAL GROUP=**WA**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Product Service Notification Transaction Set (143) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit either a mandatory or a voluntary recall. While the recall transaction could be sent to a consumer, it is more likely to be sent to a servicing organization to provide them notice of the recall and to establish their authority to service the items specified in the recall notice. It could be sent to the seller if they are required to notify the purchaser, and it could be sent to an owning organization where they are capable of receiving EDI transactions, such as a large fleet owner of automobiles. It could be a recall from the distribution channel of products. One recall notice is limited to one set of items sharing the possibility of the same problem.

The notice also can be a service bulletin which could specify a repair, engineering change, a field replacement, or other such action to a product. The service action could be specified for the next time that product is being serviced. It could just as well specify that the action must take place as soon as possible or it could be at a specified particular date and time so as to coordinate the change at many product locations. This could happen, for example, in an interconnected computer system or a telephone switching system.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	BGN	Beginning Segment	M	1	
N	0300	DTM	Date/Time Reference	O	2	
	0400	REF	Reference Information	O	>1	
	LOOP ID - N1					>1
N	0500	N1	Party Identification	M	1	
	0600	N2	Additional Name Information	O	2	
	0700	N3	Party Location	O	3	
	0800	N4	Geographic Location	O	1	
	0900	REF	Reference Information	O	2	
	1000	PER	Administrative Communications Contact	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LIN					>1
N	0100	LIN	Item Identification	M	1	
N	0200	PID	Product/Item Description	O	>1	
N	0300	REF	Reference Information	O	>1	
N	0350	LOC	Location	O	1	
N	0400	CID	Characteristic/Class ID	O	>1	
N	0500	DTM	Date/Time Reference	O	2	

N	0600	QTY	Quantity Information	O	1
N	0650	PWK	Paperwork	O	1
LOOP ID - N1					1
N	0700	N1	Party Identification	O	1
	0800	N2	Additional Name Information	O	2
N	0900	N3	Party Location	O	3
	1000	N4	Geographic Location	O	1
N	1100	REF	Reference Information	O	>1
	1200	PER	Administrative Communications Contact	O	2
N	1250	QTY	Quantity Information	O	1
LOOP ID - PRR					>1
N	1300	PRR	Problem Report	O	1
N	1400	MSG	Message Text	O	>1
LOOP ID - N9					>1
N	1430	N9	Extended Reference Information	O	1
N	1450	MSG	Message Text	O	>1
LOOP ID - REP					>1
N	1500	REP	Repair Action	M	1
N	1600	MSG	Message Text	O	>1
N	1700	QTY	Quantity Information	O	1
LOOP ID - N9					>1
N	1800	N9	Extended Reference Information	O	1
N	1900	MSG	Message Text	O	>1
LOOP ID - PRT					1
N	2000	PRT	Part Disposition	O	1
N	2100	N1	Party Identification	O	1
	2200	N2	Additional Name Information	O	2
	2300	N3	Party Location	O	3
	2400	N4	Geographic Location	O	1
N	2500	REF	Reference Information	O	>1
	2600	PER	Administrative Communications Contact	O	2
LOOP ID - ITA					1
N	2700	ITA	Allowance, Charge or Service	O	1
	2800	CUR	Currency	O	1
LOOP ID - SLN					>1
N	2900	SLN	Subline Item Detail	O	1
N	3000	REF	Reference Information	O	>1
N	3050	LOC	Location	O	1
N	3100	DTM	Date/Time Reference	O	2
LOOP ID - N1					1
N	3200	N1	Party Identification	O	1
	3300	N2	Additional Name Information	O	2
	3400	N3	Party Location	O	3
	3500	N4	Geographic Location	O	1

N	3600	REF	Reference Information	O	>1	
	3700	PER	Administrative Communications Contact	O	2	
	LOOP ID - PRR					>1
N	3800	PRR	Problem Report	M	1	
N	3900	MSG	Message Text	O	>1	
	LOOP ID - REP					>1
N	4000	REP	Repair Action	M	1	
N	4100	MSG	Message Text	O	>1	
N	4200	QTY	Quantity Information	O	1	
	LOOP ID - PRT					1
N	4300	PRT	Part Disposition	O	1	
N	4400	N1	Party Identification	O	1	
	4500	N2	Additional Name Information	O	2	
	4600	N3	Party Location	O	3	
	4700	N4	Geographic Location	O	1	
N	4800	REF	Reference Information	O	>1	
	4900	PER	Administrative Communications Contact	O	2	
	LOOP ID - ITA					1
N	5000	ITA	Allowance, Charge or Service	O	1	
	5100	CUR	Currency	O	1	
	5200	SE	Transaction Set Trailer	M	1	

Notes

1/0200 BGN02 is used as an initial reference for this transaction. BGN03 defines the date of this Product Service Notification transaction.

1/0300 The DTM segments, if used, contain sequentially the date by which the work should be completed.

1/0500 The N1 loop defines the party submitting the product recall notice or service bulletin and the succeeding iterations reference the parties to whom the recall notice or service bulletin is to be sent. When there is to be only a single recipient, the N1 loop will be used twice.

2/0100 The LIN segment is used to explicitly describe the item being recalled or on which there is a product service notification. The LIN segment contains 235 - 234 data element pairs that can be used to identify the product manufacturer (MF), model number (MN), serial number (SN), equipment identification number (EM), vehicle identification number (VV), model year (RY), etc.

2/0200 The PID segment provides capability for further description of a product that cannot be described in an LIN segment. PID03 to PID05 can be used to describe these features, such as the cab configuration of a vehicle. PID05 may contain a free-form description of the product. If so, PID01 must be "X." If PID05 is not used, PID01 will be an "S." PID02 will be set to "08," "product." PID06 is not used.

2/0300 The REF segments are used to contain the serial number of the item being recalled or to be serviced, a list of all serial numbers, a range of serial numbers to indicate the first and last items in the sequence being recalled or on which the product service notification has been issued. Obviously, there are other phrases that could be substituted for serial number, such as engineering change number, vehicle identification number, or lot number as used in the case of food or pharmaceutical products. At least one REF, DTM or QTY segment is normally required for each LIN loop. Usually the REF segment in the detail area is used to carry this

information. The REF segment in the header would be used when this is considered administrative information rather than detailed information.

2/0350 The LOC segment is used to describe the position of equipment within a structure or an assembly, subassembly, or part within a piece of equipment in space relative to an origin. For example, it could describe the location of a telephone switch within a building and of an individual circuit card within the switch by giving the position of a drawer within a rack within the switch.

2/0400 The CID segment is used to specify the service characteristics affected by the change to the listed product. CID04 and CID05 are used to describe the characteristics that are affected. CID05, when used, contains a free-form description of the affected characteristic.

2/0500 The DTM segment can be used to specify the first and last manufacturing or ship dates involved in the recall or service bulletin. The DTM segment finds its principal use when no REF segment can be used. That is, when there are no serial numbers that can be used. If desired, the DTM segment can be used in addition to the REF segment.

2/0600 The QTY segment is used to reflect the quantity of items that are being specified in this individual instance of the product service notification, it known, The QTY segment most likely would be used when serial numbers or date codes are not applicable.

2/0650 The PWK (paperwork) segment is used to identify the type, title, and version number of a hard copy report associated with the service bulletin or recall notice. Note that as it is a hard copy document it cannot be processed by a computer. Thus, it is recommended that the use of this segment be avoided.

2/0700 The N1 loop is used to identify any individual or organization who is registered as the person to notify in case of a product recall or for required service, such as an engineering change.

2/0900 The maximum use of the N3 segment has been set at three to allow a separate field for each identifier for the location of a piece of equipment within a facility or of an assembly, subassembly, or part within a piece of equipment. Examples have been found where there are seven individual items of location required. If the count for the N3 segment was smaller, it would be necessary to concatenate some of this information.

2/1100 The REF segment identifies the serial number of the items involved in the notification under the control of the party named in the N1 segment. This could be a fleet owner or dealer for automobiles.

2/1250 The QTY (quantity) segment is used within the N1 loop to identify the total quantity of the parts, sub-assemblies, assemblies, or products located at the address specified in the N1 loop.

2/1300 The PRR loop is used to identify the problem or problems that caused this recall, change notice, or service bulletin. One single problem may require the PRR segment to be repeated several times. The PRR segment can contain a code that describes the urgency or severity of the problem. If the problem is with the product, the PRR segment would be required. However, if the problem is in a subassembly, it will be necessary to use the SLN loop. When the SLN loop is used its PRR loop becomes mandatory. Thus, either the PRR loop in the basic LIN loop is required or the PRR loop within the SLN loop is required. Seldom would both be required within a single occurrence of the transaction.

2/1400 The MSG segment is used for additional textual information with respect to the problem report that cannot be coded or as may be required by law or as needed to completely cover notification or product change reason information. It is carried within MSG01. The multiple use of the MSG segment allows the instructions to be as long and complex as required. It is good practice to not allow sentences to straddle the boundary of the MSG segment. It is virtually imperative that individual words do not cross the boundary of an MSG segment. It must be noted that normally it is not possible to process the textual information contained in the MSG with a computer program. Thus, it is much better to use coded data.

2/1430 The N9 loop within the PRR loop is used to identify the additional free-form messages in the following MSG segment with regard to the problem, feature, change, etc. that is affected.

This would be used rather than the previous MSG segment only when discrete identifiers must be associated with the messages. It is capable of containing a date and time associated with the message.

2/1450 The MSG segment is used for additional textual information with respect to the problem report that cannot be coded or as may be required by law or as needed to completely cover notification or product change reason information. It is carried within MSG01. The multiple use of the MSG segment allows the instructions to be as long and complex as required. It is good practice to not allow sentences to straddle the boundary of the MSG segment. It is virtually imperative that individual words do not cross the boundary of an MSG segment. It must be noted that normally it is not possible to process the textual information contained in the MSG with a computer program. Thus, it is much better to use coded data.

2/1500 The REP segment or segments are used to describe the recommended repair action or the return to the manufacturer for this iteration of the PRR loop

2/1600 The MSG segments within the REP loop are used to describe verbally a service action whenever the repair or product change service instructions can not be encoded. The MSG segments are associated with the previous REP segment. The use of the multiple MSG segment allows the instructions to be as long and complex are required. It is good practice to not allow sentences to straddle the boundary of an MSG segment. It is virtually imperative that the individual words do not cross the boundary of the MSG segment. It must be noted that the use of the MSG segment is an inhibitor for full computer processing of the transaction set. Thus, coded values should be used whenever possible.

2/1700 The QTY segment within the REP loop is able to contain the service hours required for this repair action. They can be either the hours allowed or the actual service hours.

2/1800 The N9 loop within the REP loop is used to identify the additional free-form messages in the following MSG segment with regard to the repair or change action that is affected. This would be used rather than the previous MSG segment only when discrete identifiers must be associated with the messages. It is capable of containing a date and time associated with the message.

2/1900 The MSG segment within the N9 loop within the REP loop is used whenever there are further service instructions that must be uniquely identified by the preceding REF segment. The multiple use of the MSG segment allows the messages to be as long as required.

2/2000 The PRT loop is used to identify the disposition of a product assembly, subassembly, or part and where to ship them.

2/2100 The following Nn segments can be used to tell where to return a product or assembly or to send it for disposal.

2/2500 The REF segment can contain the return authorization code.

2/2700 The ITA segment specifies if there is to be a credit adjustment or fixed amount for a required repair or engineering change.

2/2900 The SLN loop is used to describe assemblies or subassemblies or parts within an assembly that may be the specific cause of the product service, change notice, or recall notification, in whatever assembly they appear. If they appear in more than one product family, each product family would required a separate transaction, although they could be grouped within a single transmission. It would be unusual to find problems or engineering changes reported in both the basic LIN loop and its SLN loop.

2/3000 The REF segments are used to contain the serial number of the item being recalled or to be serviced, a list of all serial numbers, a range of serial numbers to indicate the first and last items in the sequence being recalled or on which the product service notification has been issued. Obviously, there are other phrases that could be substituted for serial number, such as engineering change number, vehicle identification number, or lot number as used in the case of food or pharmaceutical products. At least one REF, DTM or QTY segment is normally required for each LIN loop. Usually the REF segment in the detail area is used to carry

information. The REF segment in the header would be used when this considered administrative information rather than detailed information about the product.

2/3050 The LOC segment is used to describe the position of equipment within a structure or an assembly, subassembly, or part within a piece of equipment in space relative to an origin. For example, it could describe the location of a telephone switch within a building and of an individual circuit card within the switch by giving the position of a drawer within a rack within the switch.

2/3100 The DTM segment can be used to specify the first and last manufacturing or ship dates involved in the recall or service bulletin. The DTM segment finds its principal use when no REF segment can be used. That is, when there are no serial numbers that can be used. If desired, the DTM segment can be used in addition to the REF segment.

2/3200 The N1 loop is used to identify any individual or organization who is registered as the person to notify in case of a product recall or for required service, such as an engineering change.

2/3600 The REF segment identifies the serial number of the items involved in the notification under the control of the party named in the N1 segment. This could be a fleet owner or dealer for automobiles.

2/3800 The PRR loop is used to identify the problem or problems that caused this recall, change notice, or service bulletin. One single problem may require the PRR segment to be repeated several times. The PRR segment can contain a code that describes the urgency or severity of the problem. If the problem is with the product, the PRR segment would be required. However, if the problem is in a subassembly, it will be necessary to use the SLN loop. When the SLN loop is used its PRR loop becomes mandatory. Thus, either the PRR loop in the basic LIN loop is required or the PRR loop within the SLN loop is required. Seldom would both be required within a single occurrence of the transaction.

2/3900 The MSG segment is used for additional textual information with respect to the problem report that cannot be coded or as may be required by law or as needed to completely cover notification or product change reason information. It is carried within MSG01. The multiple use of the MSG segment allows the instructions to be as long and complex as required. It is good practice to not allow sentences to straddle the boundary of the MSG segment. It is virtually imperative that individual words do not cross the boundary of an MSG segment. It must be noted that normally it is not possible to process the textual information contained in the MSG with a computer program. Thus, it is much better to use coded data.

2/4000 The REP segment or segments are used to describe the recommended repair action or the return to the manufacturer for this iteration of the PRR loop.

2/4100 The MSG segments within the REP loop are used to describe verbally a service action whenever the repair or product change service instructions cannot be encoded. The MSG segments are associated with the previous REP segment. The use of the multiple MSG segment allows the instructions to be as long and as complex as required. It is good practice not to allow sentences to straddle the boundary of an MSG segment. It is virtually imperative that the individual words do not cross the boundary of an MSG segment. It must be noted that the use of the MSG segment is an inhibitor for full computer processing of the transaction. Thus, coded values should be used whenever possible.

2/4200 The QTY segment within the REP loop is able to contain the service hours required for this repair action. They can be either the hours allowed or the actual service hours.

2/4300 The PRT loop is used to identify the disposition of a product assembly, subassembly, or part and where to ship them.

2/4400 The following Nn segments can be used to tell where to return a product or assembly or to send it for disposal.

2/4800 The REF segment can contain the return authorization code.

2/5000 The ITA segment specifies if there is to be a credit adjustment or a fixed amount for a required repair or engineering change.

144 - Student Loan Transfer and Status Verification

FUNCTIONAL GROUP=**LT**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Student Loan Transfer and Status Verification Transaction Set (144) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used by lending institutions ("lenders"), guarantee agencies ("guarantors"), and secondary markets to send and receive information regarding the transfer of ownership of a student loan. It can also be used to verify the status of a student loan prior to and subsequent to the purchase of the loan.

The loan status verification and transfer data includes, but is not limited to, borrower, student, and loan detail information. A potential purchaser of a student loan would use this transaction set to request information, from the guarantor of the loan, regarding loan status. This transaction set would in turn be used by the guarantor to return the verified loan status information to the requester. Subsequent to the purchase of the loan, this transaction set would be used by the purchaser to notify the guarantor of a transfer of ownership.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	GR	Guarantee Result Detail	M	1	
	0400	LV	Loan Verification	O	25	
	0500	DB	Disbursement Information	O	10	
	0600	DTP	Date or Time or Period	O	10	
	0700	IDB	Indebtedness for Student Loans	O	1	
	0800	REF	Reference Information	O	5	
	LOOP ID - ENT					10
N	0900	ENT	Entity	M	1	
	1000	IN2	Individual Name Structure Components	O	5	
	1100	DMG	Demographic Information	O	1	
	1200	N3	Party Location	O	2	
	1300	N4	Geographic Location	O	1	
	1400	SE	Transaction Set Trailer	M	1	

Notes

1/0900 Use the ENT loop to identify the borrower, student, school, lender, guarantor, servicer, seller, secondary market, or all of the above.

146 - Request for Student Educational Record (Transcript)

FUNCTIONAL GROUP=**RY**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of The Request for Student Educational Record (Transcript) Transaction Set (146) within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used by educational institutions to which a student has applied for admission. This request is then sent to the educational institution which the student is currently attending or previously attended.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	ERP	Educational Record Purpose	M	1	
N	0400	REF	Reference Information	M	10	
	0500	DMG	Demographic Information	O	1	
	0600	IND	Additional Individual Demographic Information	O	1	
N	0700	SSE	Entry and Exit Information	O	1	
N	0800	SST	Student Academic Status	O	1	
	0900	NTE	Note/Special Instruction	O	15	
	LOOP ID - N1					2
N	1000	N1	Party Identification	M	1	
	1100	N2	Additional Name Information	O	1	
	1200	N3	Party Location	O	1	
	1300	N4	Geographic Location	O	1	
	1400	PER	Administrative Communications Contact	O	1	
	LOOP ID - IN1					15
N	1500	IN1	Individual Identification	M	1	
	1600	IN2	Individual Name Structure Components	M	10	
	1700	N3	Party Location	O	1	
	1800	N4	Geographic Location	O	1	
	1900	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The ERP segment is used to indicate what type of student record is being requested.
1/0400 The REF segment is used to indicate the student's identification numbers.
1/0700 The SSE segment is used to indicate dates of attendance at the institution receiving the request.
1/0800 The SST segment is used to indicate the date of high school graduation.
1/1000 The N1 loop identifies the sending and receiving institutions.
1/1500 The IN1 loop indicates the name and address of the student.

147 - Response to Request for Student Educational Record (Transcript)

FUNCTIONAL GROUP=**RZ**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of a Response to Request for Student Educational Record (Transcript) Transaction Set (147) within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to advise the requesting institution regarding when the record will be sent or why it will not be sent.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	AAA	Request Validation	M	1	
N	0400	REF	Reference Information	M	10	
	0500	PWK	Paperwork	O	1	
	0600	NTE	Note/Special Instruction	O	15	
	LOOP ID - N1					2
N	0700	N1	Party Identification	M	1	
	0800	N2	Additional Name Information	O	1	
	0900	N3	Party Location	O	1	
	1000	N4	Geographic Location	O	1	
	1100	PER	Administrative Communications Contact	O	1	
	LOOP ID - IN1					15
N	1200	IN1	Individual Identification	M	1	
	1300	IN2	Individual Name Structure Components	M	10	
	1400	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The AAA segment is used to indicate why the requested record is not being sent.

1/0400 The REF segment contains the student identification numbers. In addition, one occurrence is used to send back the requestor's transaction set reference number.

1/0700 The N1 loop identifies the sending and receiving institutions.

1/1200 The IN1 loop indicates the name of the student.

148 - Report of Injury, Illness or Incident

FUNCTIONAL GROUP=**IJ**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Report of Injury, Illness or Incident Transaction Set (148) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report information pertaining to an injury, illness or incident to entities interested in the information for statistical, legal, and claims and risk management processing requirements.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BHT	Beginning of Hierarchical Transaction	M	1	
	0220	CUR	Currency	O	1	
	0240	QTY	Quantity Information	O	1	
	0260	REF	Reference Information	O	9	
	LOOP ID - NM1					>1
N	0300	NM1	Individual or Organizational Name	O	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	PER	Administrative Communications Contact	O	3	
	0800	ACT	Account Identification	O	9	
	0900	DTP	Date or Time or Period	O	9	
	1000	DMG	Demographic Information	O	1	
	1040	DMH	Extended Demographic Information	O	1	
	1100	REF	Reference Information	O	9	
	1200	QTY	Quantity Information	O	>1	
	1300	CRC	Conditions Indicator	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					999999
N	0100	HL	Hierarchical Level	M	1	
	0150	CRI	Claim Report Information	O	>1	
	0200	ACT	Account Identification	O	2	
	0300	DTP	Date or Time or Period	O	>1	
	0400	CUR	Currency	O	1	
	0500	AMT	Monetary Amount Information	O	>1	
	0600	FC	Financial Contribution	O	2	
	0700	REF	Reference Information	O	>1	
	0800	DMG	Demographic Information	O	1	
	0900	QTY	Quantity Information	O	>1	
	1200	CRC	Conditions Indicator	O	>1	
	1250	VEH	Vehicle Information	O	>1	

LOOP ID - NM1						999
N	1300	NM1	Individual or Organizational Name	O	1	
	1400	N2	Additional Name Information	O	1	
	1500	N3	Party Location	O	2	
	1600	N4	Geographic Location	O	1	
	1700	PER	Administrative Communications Contact	O	3	
	1720	ACT	Account Identification	O	9	
	1740	DTP	Date or Time or Period	O	9	
	1760	DMG	Demographic Information	O	1	
	1780	REF	Reference Information	O	>1	
	1790	QTY	Quantity Information	O	>1	
	1800	CRC	Conditions Indicator	O	>1	
LOOP ID - ESI						99
N	1830	ESI	Employment Status Information	O	1	
	1850	EMT	Employment	O	1	
	1870	TPB	Business Professional Title	O	1	
	1900	DTP	Date or Time or Period	O	>1	
	1930	REF	Reference Information	O	>1	
	1950	QTY	Quantity Information	O	>1	
	2000	NM1	Individual or Organizational Name	O	1	
	2010	PER	Administrative Communications Contact	O	>1	
	2020	CRC	Conditions Indicator	O	9	
LOOP ID - LX						99
	2050	LX	Transaction Set Line Number	O	1	
	2100	AIN	Income	O	1	
	2200	CUR	Currency	O	1	
	2300	TXI	Tax Information	O	9	
	2400	WS	Work Schedule	O	99	
N	2500	DTP	Date or Time or Period	O	>1	
	2600	QTY	Quantity Information	O	9	
	2650	REF	Reference Information	O	>1	
LOOP ID - LN						999
N	2700	LN	Loan Information	O	1	
	2800	REF	Reference Information	O	>1	
LOOP ID - VEH						>1
	2820	VEH	Vehicle Information	O	1	
	2840	N4	Geographic Location	O	1	
	2860	PID	Product/Item Description	O	>1	
LOOP ID - AMT						99
	2900	AMT	Monetary Amount Information	O	1	
	2950	PCT	Percent Amounts	O	1	
	3000	DTP	Date or Time or Period	O	>1	
LOOP ID - NM1						>1
	3050	NM1	Individual or Organizational Name	O	1	
	3070	DMG	Demographic Information	O	1	

	3090	N3	Party Location	O	1	
	3120	N4	Geographic Location	O	1	
	3140	PER	Administrative Communications Contact	O	1	
	3160	DTP	Date or Time or Period	O	>1	
	3180	REF	Reference Information	O	>1	
	3190	LS	Loop Header	O	1	
LOOP ID - LX						>1
N	3200	LX	Transaction Set Line Number	O	1	
LOOP ID - III						>1
N	3250	III	Information	O	1	
	3300	IMP	Impairment Detail	O	6	
	3400	DTP	Date or Time or Period	O	>1	
	3420	CRC	Conditions Indicator	O	9	
	3430	QTY	Quantity Information	O	>1	
	3440	REF	Reference Information	O	>1	
LOOP ID - LM						>1
N	3450	LM	Code Source Information	O	1	
	3460	LQ	Industry Code Identification	M	>1	
LOOP ID - NM1						999
N	3500	NM1	Individual or Organizational Name	O	1	
	3600	N2	Additional Name Information	O	1	
	3700	N3	Party Location	O	2	
	3800	N4	Geographic Location	O	1	
	3900	PER	Administrative Communications Contact	O	2	
	3920	ACT	Account Identification	O	9	
	3940	DTP	Date or Time or Period	O	>1	
	3960	DMG	Demographic Information	O	1	
	3970	REF	Reference Information	O	>1	
	3980	CRC	Conditions Indicator	O	>1	
	3990	LE	Loop Trailer	O	1	
LOOP ID - CFI						999
N	4000	CFI	Compensation Financial Information	O	1	
	4100	CUR	Currency	O	1	
	4150	AMT	Monetary Amount Information	O	9	
	4200	DTP	Date or Time or Period	O	>1	
	4300	QTY	Quantity Information	O	>1	
N	4400	REL	Relationship	O	30	
	4420	REF	Reference Information	O	9	
	4440	CRC	Conditions Indicator	O	>1	
LOOP ID - AD1						999
N	4460	AD1	Adjustment Amount	O	1	
	4480	DTP	Date or Time or Period	O	>1	
	4490	REF	Reference Information	O	>1	
LOOP ID - NM1						999
N	4500	NM1	Individual or Organizational Name	O	1	

4600	N2	Additional Name Information	O	1		
4700	N3	Party Location	O	2		
4800	N4	Geographic Location	O	1		
4900	PER	Administrative Communications Contact	O	2		
4920	ACT	Account Identification	O	9		
4940	DTP	Date or Time or Period	O	9		
4960	DMG	Demographic Information	O	1		
4980	REF	Reference Information	O	9		

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	GRI	Statistical Government Information	O	99	
0300	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The NM1 loop is used to identify the submitter and receiver of the report.

2/0100 HL identifies the appropriate hierarchical level: Reporting Agency (RA), Claim Administrator (AB), Primary Claim Administrator (PA), Secondary Claim Administrator (SA), Insurer (AA), Insured (AC), Contract Holder (CH), Contract Holder Branch (CB), Claimant (CL), Cause of Injury (CI), Source of Injury (SI), Body Part (BP), Nature of Injury (NI), and Payment Detail (PY). All levels are optional.

2/1300 NM1 segment designates the names of the entities represented at that hierarchical level.

2/1830 The ESI segment identifies pre and post injury information, including income and work schedules.

2/2500 The time period applies to all income and work schedules specified within the loop.

2/2700 The LN segment is used primarily by Credit Insurance. Other business lines may also utilize this segment in determining coverage and claim processing.

2/3200 The LX loop allows III Loop at position 3250 or NM1 Loop at position 3500 to be used independently, or represent a "1 to 1", "1 to Many" or "Many to 1" relationship between their respective information.

2/3250 The III segment contains information about the accident or injury or illness or incident.

2/3450 The LM loop specifies the code(s) and code source(s) for Cause of Injury, Source of Injury, Body Part, and Nature of Illness, and or Diagnosis, Occupation Code, or similar coded data consistent with injury, illness, or incident reporting represented at the Claimant or other hierarchical level as appropriate.

2/3500 The NM1 Loop specifies medical provider, witness, supervisor, place of occurrence, third party, and other entities pertaining to Injury, Illness, or Incident detail.

2/4000 The CFI segment specifies benefit payment, recovery, and reserve information at that hierarchical level.

2/4400 The REL segment is used to identify beneficiaries' relationship to the benefit payments or legal benefit compensability and distribution decisions.

2/4460 The AD1 segment specifies benefit adjustments and offsets represented at that hierarchical level.

2/4500 The NM1 segment specifies information about the offset benefits provider, payee, or dependent.

149 - Notice of Tax Adjustment or Assessment

FUNCTIONAL GROUP=**NT**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Notice of Tax Adjustment or Assessment Transaction Set (149) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a taxing authority to transmit to a taxpayer either a notice of adjustment to a prior tax filing, or a notice of assessment of taxes due to the taxing authority, which may be a notice of warrant.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	DTM	Date/Time Reference	M	>1	
	0400	TDS	Total Monetary Value Summary	O	1	
	0500	REF	Reference Information	O	>1	
	0600	MSG	Message Text	O	>1	
	LOOP ID - N1					>1
N	0700	N1	Party Identification	M	1	
	0800	N2	Additional Name Information	O	2	
	0900	IN2	Individual Name Structure Components	O	10	
	1000	N3	Party Location	O	2	
	1100	N4	Geographic Location	O	1	
	1200	PER	Administrative Communications Contact	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - TFS					>1
	0100	TFS	Tax Form	O	1	
	0200	REF	Reference Information	O	>1	
	0300	DTM	Date/Time Reference	O	>1	
	0350	TIA	Tax Information and Amount	O	>1	
	LOOP ID - N1					>1
N	0400	N1	Party Identification	O	1	
	0500	N2	Additional Name Information	O	2	
	0600	IN2	Individual Name Structure Components	O	10	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	LOOP ID - FGS					>1
	0900	FGS	Form Group	O	1	
	1000	REF	Reference Information	O	>1	
	1100	DTM	Date/Time Reference	O	>1	
	1200	TIA	Tax Information and Amount	O	>1	
	1300	MSG	Message Text	O	>1	
	1350	PCT	Percent Amounts	O	>1	

LOOP ID - AMT						>1
	1400	AMT	Monetary Amount Information	O	1	
	1500	DTM	Date/Time Reference	O	>1	
LOOP ID - N1						>1
N	1600	N1	Party Identification	O	1	
	1700	N2	Additional Name Information	O	2	
	1800	IN2	Individual Name Structure Components	O	10	
	1900	N3	Party Location	O	2	
	2000	N4	Geographic Location	O	1	
	2100	SE	Transaction Set Trailer	M	1	

Notes

1/0700 This N1 loop reflects names and addresses associated with the entire notice.

2/0400 This N1 loop reflects names and addresses associated with a particular tax form or schedule.

2/1600 This N1 loop reflects names and addresses associated with a particular subset of a tax form or schedule.

150 - Tax Rate Notification

FUNCTIONAL GROUP=**TN**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Tax Rate Notification Transaction Set (150) for use within an Electronic Data Interchange (EDI) environment. This transaction set can be used by taxing authorities to electronically transmit information concerning tax rates.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	PER	Administrative Communications Contact	O	2	
N	0800	DTP	Date or Time or Period	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - TFS					1000
	0100	TFS	Tax Form	M	1	
N	0200	DTP	Date or Time or Period	O	1	
N	0210	MTX	Text	O	1	
	LOOP ID - TRS					100000
	0220	TRS	Tax Rate	M	1	
	0230	AMT	Monetary Amount Information	O	10	
	0240	QTY	Quantity Information	O	10	
	LOOP ID - N1					1000
N	0250	N1	Party Identification	O	1	
N	0260	DTP	Date or Time or Period	O	1	
	LOOP ID - FGS					1000
	0300	FGS	Form Group	M	1	
N	0400	DTP	Date or Time or Period	O	1	
	LOOP ID - TRS					100000
	0500	TRS	Tax Rate	M	1	
	0600	AMT	Monetary Amount Information	O	10	
	0700	QTY	Quantity Information	O	10	
	LOOP ID - N1					1000
N	0800	N1	Party Identification	O	1	
N	0900	DTP	Date or Time or Period	O	1	
	1000	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The N1 segment is used to identify the name of the taxing authority.

1/0800 The DTP segment is used for the tax rate effective date or period for the entire notification.
2/0200 The DTP segment is used for the tax rate effective date or period for a particular tax form.
2/0210 The MTX segment may be used to transmit required fuel tax footnote information for a specific jurisdiction.
2/0250 The N1 segment denotes the jurisdiction for which the specified tax rate applies.
2/0260 The DTP segment is used for the tax rate effective date or period for a particular tax rate for a jurisdiction.
2/0400 The DTP segment is used for the tax rate effective date or period for a particular subset of a tax form.
2/0800 The N1 segment denotes the jurisdiction for which the specified tax rate applies.
2/0900 The DTP segment is used for the tax rate effective date or period for a particular tax rate for a jurisdiction.

151 - Electronic Filing of Tax Return Data Acknowledgment

FUNCTIONAL GROUP=**TA**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Electronic Filing of Tax Return Data Acknowledgment Transaction Set (151) within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to electronically acknowledge receipt of each tax return filed using the Electronic Filing of Tax Return Data Transaction Set (813) and may indicate any error conditions.

This transaction set can be used by a federal, state, or local taxing authority to acknowledge the status of an electronically filed tax return which has been electronically filed using Transaction Set 813.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BTA	Beginning Tax Acknowledgment	M	1	
	0300	BTI	Beginning Tax Information	M	1	
	0350	DTM	Date/Time Reference	O	10	
N	0400	REF	Reference Information	O	10	
	0420	AMT	Monetary Amount Information	O	10	
	0440	QTY	Quantity Information	O	10	
	LOOP ID - PBI					1000
	0500	PBI	Problem Identification	O	1	
	0600	TIA	Tax Information and Amount	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - TFS					100000
	0100	TFS	Tax Form	O	1	
	0200	REF	Reference Information	O	10	
	0250	DTM	Date/Time Reference	O	10	
	LOOP ID - PBI					1000
	0300	PBI	Problem Identification	O	1	
	0350	TIA	Tax Information and Amount	O	2	
	LOOP ID - FGS					100000
	0400	FGS	Form Group	O	1	
	0420	REF	Reference Information	O	10	
	0450	DTM	Date/Time Reference	O	10	
	LOOP ID - PBI					1000
	0500	PBI	Problem Identification	O	1	
	0550	TIA	Tax Information and Amount	O	2	

0600	SE	Transaction Set Trailer	M	1

Notes

1/0400 The REF segment is used to provide identification numbers for this acknowledgment.

152 - Statistical Government Information

FUNCTIONAL GROUP=**GR**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Statistical Government Information Transaction Set (152) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to report pre-defined statistical government information.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	PAM	Period Amount	O	1	
	0400	NTE	Note/Special Instruction	O	>1	
	LOOP ID - N1					1000
N	0500	N1	Party Identification	M	1	
	0600	N2	Additional Name Information	O	2	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	0900	N9	Extended Reference Information	O	10	
	1000	PER	Administrative Communications Contact	O	3	
	1050	DTM	Date/Time Reference	O	>1	
	LOOP ID - GRI					100000
	1100	GRI	Statistical Government Information	M	1	
	1200	PAM	Period Amount	O	>1	
	1300	N9	Extended Reference Information	O	>1	
	1350	QTY	Quantity Information	O	>1	
	LOOP ID - N1					100
	1400	N1	Party Identification	O	1	
	1500	N2	Additional Name Information	O	2	
	1600	N3	Party Location	O	2	
	1700	N4	Geographic Location	O	1	
	1800	PER	Administrative Communications Contact	O	3	
	1830	ICH	Individual Characteristics	O	1	
	1870	QTY	Quantity Information	O	1	
	1900	SE	Transaction Set Trailer	M	1	

Notes

1/0500 This N1 identifies the entity required by specification of the statistical report being submitted.

153 - Unemployment Insurance Tax Claim or Charge Information

FUNCTIONAL GROUP=**CB**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Unemployment Insurance Tax Claim or Charge Information Transaction Set (153) for use within the context of an Electronic Data Interchange (EDI) environment. This bi-directional transaction set can be used by employment security agencies to notify employers or other agencies of a possible charge to their employers' unemployment insurance tax account and by employers responding to the notice with supplemental information that might affect the chargeability of the claim. This transaction set can also be used by employers to notify claimant(s)' representative, e.g., union, to protest a claim.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BTI	Beginning Tax Information	M	1	
	LOOP ID - N1					>1
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	1	
	0600	N4	Geographic Location	O	1	
N	0700	REF	Reference Information	O	>1	
	0800	AMT	Monetary Amount Information	O	>1	
	0900	PCT	Percent Amounts	O	>1	
	1000	CHB	Chargeback Information	O	>1	
	1100	DTM	Date/Time Reference	O	>1	
	1200	PER	Administrative Communications Contact	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - NM1					>1
N	0100	NM1	Individual or Organizational Name	M	1	
	0200	DPN	Dependent Information	O	>1	
N	0300	REF	Reference Information	O	>1	
	0400	AMT	Monetary Amount Information	O	>1	
	0500	PCT	Percent Amounts	O	>1	
	0600	CHB	Chargeback Information	O	>1	
	0700	DTM	Date/Time Reference	O	>1	
	0800	MSG	Message Text	O	>1	
	LOOP ID - PAM					>1
N	0900	PAM	Period Amount	O	1	
N	1000	REF	Reference Information	O	>1	
	1100	CHB	Chargeback Information	O	>1	

1200	SE	Transaction Set Trailer	M	1

Notes

1/0300 This N1 segment must identify the employer and may also identify the issuing agency, the employer's representative or the claimant's(s') representative.
1/0700 This REF segment identifies an employer's successor/predecessor account identification.
2/0100 This NM1 loop identifies a claimant.
2/0300 This REF segment is used for the claim number or change to the Social Security Number.
2/0900 This PAM loop reflects wages and/or compensation paid.
2/1000 This REF segment further identifies this wage item.

154 - Secured Interest Filing

FUNCTIONAL GROUP=**UC**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Secured Interest Filing Transaction Set (154) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to file Uniform Commercial Code (UCC) financing statement forms, liens, judgments, and other statements of secured interest, and to exchange secured interest filing information.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0250	DAD	Debit Authorization Detail	O	1	
0300	NTE	Note/Special Instruction	O	>1	
LOOP ID - N1					>1
0400	N1	Party Identification	M	1	
0450	NM1	Individual or Organizational Name	O	1	
0500	N2	Additional Name Information	O	2	
0600	N3	Party Location	O	2	
0700	N4	Geographic Location	O	1	
0800	N9	Extended Reference Information	O	10	
0900	PER	Administrative Communications Contact	O	3	
LOOP ID - LS1					>1
1000	LS1	Asset Item Identification	O	1	
1100	LIN	Item Identification	O	1	
1200	PO3	Additional Item Detail	O	25	
1300	PID	Product/Item Description	O	1000	
1320	TXI	Tax Information	O	>1	
1340	TAX	Tax Reference	O	>1	
1360	CDS	Case Description	O	1	
1380	CED	Administration of Justice Event Description	O	1	
1400	N9	Extended Reference Information	O	>1	
1500	PAM	Period Amount	O	25	
1600	DTM	Date/Time Reference	O	10	
1700	AMT	Monetary Amount Information	O	5	
LOOP ID - N1					>1
1800	N1	Party Identification	O	1	
1850	NM1	Individual or Organizational Name	O	1	
1900	N2	Additional Name Information	O	2	
2000	N3	Party Location	O	2	
2100	N4	Geographic Location	O	1	
2200	N9	Extended Reference Information	O	>1	
2300	PER	Administrative Communications Contact	O	3	
2400	SE	Transaction Set Trailer	M	1	

155 - Business Credit Report

FUNCTIONAL GROUP=**BC**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Business Credit Report Transaction Set (155) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to transmit business credit information to a trading partner. This transaction set may be used to convey identification, location, financial, payment experiences, banking, suits, liens, judgments and public filing details, operational, affiliate, organizational, credit rating, and other information about a business to support automated business decision processing and update business data bases.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - 10000					2
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	NX2	Location ID Component	O	>1	
	0800	PER	Administrative Communications Contact	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 20000					>1
N	0100	HL	Hierarchical Level	M	1	
N	0200	N1	Party Identification	M	1	
	0300	DTP	Date or Time or Period	O	>1	
	0400	LUI	Language Use	O	1	
	0500	C3	Currency Identifier	O	1	
	0600	CRC	Conditions Indicator	O	>1	
	0700	MTX	Text	O	>1	
	LOOP ID - 21000					>1
N	0800	NM1	Individual or Organizational Name	O	1	
	0900	N2	Additional Name Information	O	2	
	1000	TPB	Business Professional Title	O	3	
	1100	DTP	Date or Time or Period	O	>1	
	LOOP ID - 22000					>1
N	1200	NX1	Property or Entity Identification	O	1	
	1300	N3	Party Location	O	2	
	1400	N4	Geographic Location	O	1	
	1500	NX2	Location ID Component	O	>1	
	1600	COM	Communication Contact Information	O	>1	

N	1700	YNQ	Yes/No Question	O	>1	
	1800	DTP	Date or Time or Period	O	>1	
LOOP ID - 22100						>1
N	1900	REQ	Request Information	O	1	
	2000	LOD	Location Description	O	3	
	2100	MTX	Text	O	>1	
	2200	FDA	Facility Description	O	>1	
	2250	III	Information	O	>1	
	2300	DTP	Date or Time or Period	O	>1	
	2400	AWD	Amount with Description	O	>1	
	2500	QTY	Quantity Information	O	>1	
	2600	CRC	Conditions Indicator	O	>1	
N	2700	N1	Party Identification	O	1	
	2800	N2	Additional Name Information	O	2	
LOOP ID - 23000						>1
N	2900	INR	Information Request	O	1	
	3000	NX1	Property or Entity Identification	O	1	
	3100	ITC	Information Type and Comment Results	O	>1	
	3200	C3	Currency Identifier	O	1	
	3300	QTY	Quantity Information	O	>1	
	3400	ASO	Asset Ownership	O	>1	
	3500	SPR	Supplier Rating	O	>1	
	3600	DMG	Demographic Information	O	1	
	3700	EMS	Employment Position	O	1	
	3800	TER	Territory	O	>1	
N	3900	YNQ	Yes/No Question	O	>1	
	4000	ASI	Action or Status Indicator	O	1	
	4100	CRC	Conditions Indicator	O	>1	
	4200	DTP	Date or Time or Period	O	>1	
	4300	N9	Extended Reference Information	O	>1	
	4400	MTX	Text	O	>1	
LOOP ID - 23100						>1
N	4500	INQ	Credit Inquiry Details	O	1	
	4600	DTP	Date or Time or Period	O	>1	
	4700	C3	Currency Identifier	O	1	
	4800	III	Information	O	>1	
	4900	PYT	Historical Payment Terms	O	>1	
	5000	PYM	Payment Manner and Percentage	O	>1	
	5050	AWD	Amount with Description	O	>1	
	5100	QTY	Quantity Information	O	1	
	5150	ACD	Account Description	O	>1	
	5200	MEA	Measurements	O	>1	
	5250	SPR	Supplier Rating	O	>1	
	5300	ASO	Asset Ownership	O	>1	
LOOP ID - 23200						>1
	5350	LX	Transaction Set Line Number	O	1	

N	5400	NM1	Individual or Organizational Name	O	1	
N	5450	NX1	Property or Entity Identification	O	1	
	5500	N2	Additional Name Information	O	2	
	5550	TPB	Business Professional Title	O	6	
	5600	N3	Party Location	O	2	
	5650	N4	Geographic Location	O	1	
	5700	NX2	Location ID Component	O	>1	
	5720	COM	Communication Contact Information	O	>1	
	5750	N9	Extended Reference Information	O	>1	
	5800	AWD	Amount with Description	O	>1	
	5850	ASO	Asset Ownership	O	>1	
N	5900	YNQ	Yes/No Question	O	>1	
	5950	PCT	Percent Amounts	O	>1	
	6000	DTP	Date or Time or Period	O	>1	
	6030	QTY	Quantity Information	O	>1	
LOOP ID - 23300						**>1**
N	6050	LM	Code Source Information	O	1	
	6100	III	Information	M	>1	
	6150	PCT	Percent Amounts	O	>1	
LOOP ID - 23310						**>1**
N	6200	LX	Transaction Set Line Number	O	1	
	6250	DTP	Date or Time or Period	O	>1	
	6300	MTX	Text	O	>1	
	6350	LQ	Industry Code Identification	O	>1	
	6400	AWD	Amount with Description	O	>1	
LOOP ID - 23311						**>1**
N	6450	NM1	Individual or Organizational Name	O	1	
	6500	N2	Additional Name Information	O	2	
	6550	TPB	Business Professional Title	O	6	
LOOP ID - 23400						**>1**
N	6600	REQ	Request Information	O	1	
	6650	AWD	Amount with Description	O	>1	
	6700	CRC	Conditions Indicator	O	>1	
	6750	QTY	Quantity Information	O	>1	
	6800	PCT	Percent Amounts	O	>1	
	6850	DTP	Date or Time or Period	O	>1	
N	6900	YNQ	Yes/No Question	O	>1	
	6950	MTX	Text	O	>1	
LOOP ID - 23500						**>1**
N	7000	API	Activity or Process Information	O	1	
	7050	YNQ	Yes/No Question	O	1	
	7100	N9	Extended Reference Information	O	>1	
	7150	CDS	Case Description	O	1	
	7200	DTP	Date or Time or Period	O	>1	
	7250	BBC	Legal Claims	O	>1	
	7300	MEA	Measurements	O	>1	

	7350	ASO	Asset Ownership	O	>1	
	7400	MTX	Text	O	>1	
	7450	PCT	Percent Amounts	O	>1	
LOOP ID - 23510						>1
N	7500	LM	Code Source Information	O	1	
	7550	III	Information	M	>1	
LOOP ID - 23520						>1
N	7800	CRC	Conditions Indicator	O	1	
	7850	AWD	Amount with Description	O	>1	
LOOP ID - 23530						>1
N	7900	NM1	Individual or Organizational Name	O	1	
	7950	N2	Additional Name Information	O	2	
	8000	TPB	Business Professional Title	O	6	
	8050	N3	Party Location	O	2	
	8100	N4	Geographic Location	O	1	
	8150	NX2	Location ID Component	O	>1	
	8170	COM	Communication Contact Information	O	>1	
	8200	DTP	Date or Time or Period	O	>1	
	8250	ITC	Information Type and Comment Results	O	1	
	8300	MTX	Text	O	>1	
N	8350	YNQ	Yes/No Question	O	>1	
	8400	AWD	Amount with Description	O	>1	
LOOP ID - 23531						>1
N	8450	IN1	Individual Identification	O	1	
	8500	IN2	Individual Name Structure Components	O	>1	
	8550	TPB	Business Professional Title	O	3	
	8600	N3	Party Location	O	2	
	8650	N4	Geographic Location	O	1	
	8700	NX2	Location ID Component	O	>1	
LOOP ID - 23540						>1
N	8750	CED	Administration of Justice Event Description	O	1	
	8800	DTP	Date or Time or Period	O	>1	
	8850	MTX	Text	O	>1	
N	8900	NM1	Individual or Organizational Name	O	1	
	8950	N2	Additional Name Information	O	2	
LOOP ID - 23541						>1
N	9000	LM	Code Source Information	O	1	
	9050	LQ	Industry Code Identification	M	>1	
	9100	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The 10000 loop is used to describe the requestor and the credit reporting agency.

2/0100 The HL segment identifies the appropriate hierarchical level: company, subsidiary, parent company, direct affiliate, indirect affiliate, management, director, chief executive, management details, ultimate parent, property, headquarters, and branches.

2/0200 The N1 segment identifies requested entity on which the business credit report is requested.

2/0800 The NM1 segment specifies individual or business operational names associated with the hierarchical entity.
2/1200 The NX1 segment specifies addresses associated with the hierarchical entity.
2/1700 The YNQ segment provides responses to conditions relating to the entity location referenced in 2/1200.
2/1900 The REQ segment specifies whether location, facilities or real estate description are included.
2/2700 The N1 segment identifies a name associated with the facility or location details referenced in 2/1900. This may be mortgage company lessor, property owner or co-occupant.
2/2900 The INR segment specifies the type of information provided. This includes general categories of operations, summary details, financial information, update details, public records, history, banking, payments, special events, related entity data and insurance plus subcategories of these areas.
2/3900 The YNQ is used to provide responses to conditions relating to information identified in 2/2900.
2/4500 The INQ segment identifies the result of a credit inquiry found when providing information from vendors or financial institutions dependent on the type of information referenced in 2/2900.
2/5400 The NM1 segment specifies names and addresses associated with the details requested in 2/2900.
2/5450 The NX1 segment specifies addresses associated with the details requested in 2/2900.
2/5900 The YNQ segment provides responses to conditions relating to the entity referenced in 2/5400.
2/6050 The LM and III segments specify codes associated with special events, corporate filings, ratings and activity codes.
2/6200 Loop 23310 provides relevant dates and details relating to the type of code identified in 2/6100.
2/6450 The NM1 segment specifies names associated with the changes identified in 2/6100.
2/6600 The REQ segment specifies the type of financial information provided.
2/6900 The YNQ segment provides responses to conditions relating to the information requested in 2/6600.
2/7000 The API segment provides current activity or process codes on a specific public record item relating to the type identified in 2/2900.
2/7500 The LM and III segments specify codes associated with the record item.
2/7800 The CRC segment indicates whether the amounts provided in 2/7850 regarding the specific public record items relating to the type identified in 2/2900 relate only to the company identified in 2/0200 or are totals for the public record item.
2/7900 The NM1 segment specifies names and addresses associated with the public filing.
2/8350 The YNQ segment provides responses to conditions relating to the entity referenced in 2/7900.
2/8450 The IN1 segment specifies names and addresses associated with the names in 2/7900.
2/8750 The CED segment identifies an event relating to the specific public record item relating to the type identified in 2/2900.
2/8900 The NM1 segment specifies name associated with changes, specifically author of bankruptcy plan.
2/9000 The LM and LQ segments specify codes associated with public filing events.

157 - Notice of Power of Attorney

FUNCTIONAL GROUP=**NP**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Notice of Power of Attorney Transaction Set (157) for use within the context of an Electronic Data Interchange (EDI) environment. This bi-directional transaction set can be used to notify entities of the existence of a power of attorney and to provide information as to its applicability. The transaction set may also be used to acknowledge powers of attorney or their cancellation.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - N1					>1
N	0300	N1	Party Identification	O	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	PER	Administrative Communications Contact	O	>1	
	0800	REF	Reference Information	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					>1
N	0100	HL	Hierarchical Level	M	1	
	LOOP ID - NM1					>1
N	0200	NM1	Individual or Organizational Name	M	1	
	0300	N2	Additional Name Information	O	2	
	0400	IN2	Individual Name Structure Components	O	>1	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	PER	Administrative Communications Contact	O	>1	
	0800	REF	Reference Information	O	>1	
	0900	DTM	Date/Time Reference	O	>1	
	LOOP ID - SPY					>1
N	1000	SPY	Scope of Power of Attorney	M	1	
	1100	N1	Party Identification	O	1	
	1200	N2	Additional Name Information	O	2	
	1300	N3	Party Location	O	2	
	1400	N4	Geographic Location	O	1	
	1500	PER	Administrative Communications Contact	O	>1	
	1600	DTM	Date/Time Reference	O	>1	
	1700	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The N1 loop identifies the sender and receiver of the transaction set.

2/0100 Each transaction set must contain at least one HL loop at the Agent Level. Each HL loop at the Agent Level must have at least one subordinate HL loop at the Principal Level.

2/0100 HL01 (Hierarchical ID Number) will be assigned sequentially within the hierarchy starting with one and incremented by one for each HL segment.

2/0100 HL03 (Hierarchical Level Code) may only contain the codes: AG (Agent Level) and PR (Principal Level), where the Agent is the party to whom Power of Attorney is being granted, modified, or revoked, and the Principal is the party on behalf of whom Power of Attorney is being granted, modified, or revoked. The Principal Level is always subordinate to the Agent Level.

2/0200 The NM1 segment describes the Agent to whom Power of Attorney is being granted, modified, or revoked, when occurring within an HL loop at Agent Level. The NM1 loop describes the Principal, who is the party on whose behalf Power of Attorney is being granted, modified, or revoked, when used within an HL loop at Principal Level.

2/1000 The SPY loop identifies the scope of the power of attorney, and the action requested.

158 - Tax Jurisdiction Sourcing

FUNCTIONAL GROUP=**TJ**
SUBCOMMITTEE=**F**

This Draft Standard for Trial Use contains the format and establishes the contents of the Tax Jurisdiction Sourcing Transaction Set (158) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to transmit any address, in US Postal Service format, from a wireless telecommunications vendor to the holder of tax jurisdiction sourcing information for the state in which the address resides, and to receive in return a sourcing of all tax jurisdictions which have governance over the address in question.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	N1	Party Identification	M	2	
	LOOP ID - DTP					>1
N	0400	DTP	Date or Time or Period	M	1	
	LOOP ID - LX					>1
	0500	LX	Transaction Set Line Number	M	1	
N	0600	NX2	Location ID Component	M	>1	
N	0700	PPA	Property Location	O	1	
N	0800	TA	Tax Authority	O	>1	
N	0900	ASI	Action or Status Indicator	O	1	
	1000	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The N1 segments are used to provide the sender and receiver of the transaction set.

1/0400 The DTP segment is used to provide the effective date range of the sourcing information.

1/0600 The NX2 segments are used to provide the address or address ranges being sourced.

1/0700 The PPA segment is used in a response transaction only, to provide the FIPS-55 Named Populated Places standard codes applicable to the address.

1/0800 The TA segments are used in a response transaction only, to identify all special taxing districts applicable to the address.

1/0900 The ASI segment is used in a response transaction only, to indicate that information related to the Address requested could not be provided.

159 - Motion Picture Booking Confirmation

FUNCTIONAL GROUP=**MP**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Motion Picture Booking Confirmation Transaction Set (159) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to confirm Motion Picture business terms, conditions, and licensing agreement information from distributor to exhibitor.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	N1	Party Identification	M	2	
	LOOP ID - LX					>1
	0400	LX	Transaction Set Line Number	M	1	
	0500	REF	Reference Information	M	10	
	LOOP ID - THE					>1
	0600	THE	Screen Theater Identification	M	1	
	0700	N9	Extended Reference Information	O	20	
	0800	N4	Geographic Location	O	1	
	0900	CUR	Currency	O	1	
	1000	QTY	Quantity Information	O	1	
	1100	LUI	Language Use	O	1	
	1200	MEA	Measurements	O	1	
	1300	LQ	Industry Code Identification	O	1	
	LOOP ID - DTP					>1
N	1400	DTP	Date or Time or Period	M	1	
	1500	QTY	Quantity Information	O	1	
	1600	LQ	Industry Code Identification	O	1	
	LOOP ID - N9					>1
	1700	N9	Extended Reference Information	O	1	
	1800	PCT	Percent Amounts	O	1	
	1900	AMT	Monetary Amount Information	O	1	
	2000	QTY	Quantity Information	O	1	
	2100	MSG	Message Text	O	>1	
	LOOP ID - G63					>1
	2200	G63	Period	O	1	
	2300	QTY	Quantity Information	O	2	
	2400	REF	Reference Information	O	1	
	LOOP ID - N9					>1
	2500	N9	Extended Reference Information	O	1	
	2600	PCT	Percent Amounts	O	1	
	2700	AMT	Monetary Amount Information	O	1	
	2800	QTY	Quantity Information	O	1	

2900	MSG	Message Text	O	>1			
3000	SE	Transaction Set Trailer	M	1			

Notes

1/0300 The N1 segment provides identification of the sender and receiver.
1/1400 The DTP segment specifies the beginning and ending playdates.

160 - Transportation Automatic Equipment Identification

FUNCTIONAL GROUP=**SJ**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Transportation Automatic Equipment Identification Transaction Set (160) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow participants to share automatic identification equipment information and data at interchange points.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BAX	Beginning Segment for Advance Consist and Transportation Automatic Equipment ID	M	1	
0300	AES	Automatic Equipment Identification Site Information	M	1	
0400	YNQ	Yes/No Question	M	1	
0500	N9	Extended Reference Information	O	10	
0600	QTY	Quantity Information	O	5	
0650	MEA	Measurements	O	10	
0700	AEI	Equipment Information Summary	O	16	
LOOP ID - EI					500
0800	EI	Automatic Equipment Identification	M	1	
0900	QTY	Quantity Information	O	20	
0950	MEA	Measurements	O	20	
1000	DTM	Date/Time Reference	O	20	
LOOP ID - TSI					25
1100	TSI	Automatic Equipment Tag Status Information	O	1	
1200	YNQ	Yes/No Question	O	25	
1300	LQ	Industry Code Identification	O	25	
LOOP ID - QTY					20
1400	QTY	Quantity Information	O	1	
1500	DTM	Date/Time Reference	O	2	
1600	SE	Transaction Set Trailer	M	1	

161 - Train Sheet

FUNCTIONAL GROUP=**TR**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Train Sheet Transaction Set (161) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to allow railroads to exchange train sheet information and ensure that crews operating equipment on other railroads are aware of current operating conditions.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BTS	Beginning Segment for Train Sheets	M	1	
0230	V9	Event Detail	M	100	
0250	N9	Extended Reference Information	O	3	
0270	H3	Special Handling Instructions	O	25	
0300	FAC	Facing Direction	O	25	
0430	PWK	Paperwork	O	1	
0450	PER	Administrative Communications Contact	O	5	
LOOP ID - NM1					10
0500	NM1	Individual or Organizational Name	O	1	
0600	DTM	Date/Time Reference	O	3	
0700	SE	Transaction Set Trailer	M	1	

163 - Transportation Appointment Schedule Information

FUNCTIONAL GROUP=**AS**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Transportation Appointment Schedule Information Transaction Set (163) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by transportation carriers and their trading partners to request and accept freight pickup and delivery appointments.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B13	Beginning Segment for Appointment Schedule	M	1	
0300	B2A	Set Purpose	M	1	
0400	H6	Special Services	O	5	
0500	N7	Equipment Details	O	3	
0600	G62	Date/Time	O	10	
0700	L11	Business Instructions and Reference Number	O	999	
0800	H3	Special Handling Instructions	O	10	
0900	G05	Total Shipment Information	O	1	
LOOP ID - 0100					3
1000	N1	Party Identification	O	1	
1100	N2	Additional Name Information	O	1	
1200	N3	Party Location	O	2	
1300	N4	Geographic Location	O	1	
1400	L11	Business Instructions and Reference Number	O	10	
1500	G61	Contact	O	5	
1600	G62	Date/Time	O	10	
LOOP ID - 0150					99999
1700	OID	Order Information Detail	O	1	
1800	SDQ	Destination Quantity	O	10	
LOOP ID - 0300					999
1900	S5	Stop-off Details	O	1	
2000	N1	Party Identification	O	1	
2100	N2	Additional Name Information	O	1	
2200	N3	Party Location	O	2	
2300	N4	Geographic Location	O	1	
2400	L11	Business Instructions and Reference Number	O	10	
2450	H6	Special Services	O	5	
2500	G61	Contact	O	5	
2600	G62	Date/Time	O	10	
LOOP ID - 0350					99999
2700	OID	Order Information Detail	O	1	

2800	SDQ	Destination Quantity	O	10	
2900	SE	Transaction Set Trailer	M	1	

170 - Revenue Receipts Statement

FUNCTIONAL GROUP=**ER**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data content of the Revenue Receipts Statement Transaction Set (170) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to report daily ticket sales information for each show within a contract week. A contract week is normally a Friday through Thursday and is the period a film is shown in a theatre. Daily information is presented by show and includes ticket category, price, attendance and time of entertainment events.

The transaction set is designed to report multiple levels of detail from individual points of occurrence or form consolidated points such as holding companies (circuits).

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	N1	Party Identification	M	1	
	0300	PER	Administrative Communications Contact	O	1	
	LOOP ID - THE					9999
	0400	THE	Screen Theater Identification	M	1	
	LOOP ID - LX					10
	0500	LX	Transaction Set Line Number	M	1	
N	0600	REF	Reference Information	M	10	
	LOOP ID - DTM					7
	0700	DTM	Date/Time Reference	M	1	
	0800	BOX	Box Office Detail	M	250	
	0900	SE	Transaction Set Trailer	M	1	

Notes

1/0200 The N1 segment is used for the Theater or circuit name.

1/0600 The REF segment is used to reference Picture and Name and can be repeated so that multiple films can be recorded.

175 - Court and Law Enforcement Notice

FUNCTIONAL GROUP=**FC**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Court and Law Enforcement Notice Transaction Set (175) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to notify interested parties about important court events and actions related to a specific court case. It may also be used to transmit information about a specific law enforcement or administration of justice event to interested parties. This may include events like case dispositions, notices about criminal offenses, accidents or incidents, arrest warrants, court orders, and administrative actions.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	REF	Reference Information	O	>1	
	LOOP ID - CDS					>1
	0500	CDS	Case Description	M	1	
	0520	SPI	Specification Identifier	O	1	
	0550	MSG	Message Text	O	>1	
	0580	LS	Loop Header	M	1	
	LOOP ID - CED					>1
	0600	CED	Administration of Justice Event Description	M	1	
	0700	DTM	Date/Time Reference	O	>1	
	0720	SPI	Specification Identifier	O	1	
	0800	REF	Reference Information	O	>1	
	0900	AMT	Monetary Amount Information	O	>1	
	0950	PAM	Period Amount	O	>1	
	1000	QTY	Quantity Information	O	>1	
	1050	CRC	Conditions Indicator	O	>1	
N	1100	CDS	Case Description	O	>1	
	1200	MSG	Message Text	O	>1	
	LOOP ID - LM					>1
	1250	LM	Code Source Information	O	1	
	1260	LQ	Industry Code Identification	M	>1	
	LOOP ID - NM1					>1
	1300	NM1	Individual or Organizational Name	O	1	
	1320	SPI	Specification Identifier	O	2	
	1400	N2	Additional Name Information	O	>1	
	1500	N3	Party Location	O	>1	
	1600	N4	Geographic Location	O	1	
	1700	REF	Reference Information	O	>1	
	1800	DTM	Date/Time Reference	O	>1	
	1900	PER	Administrative Communications Contact	O	>1	

1930	DMG	Demographic Information	O	1	
1970	MEA	Measurements	O	3	
LOOP ID - LX					>1
2000	LX	Transaction Set Line Number	O	1	
2100	REF	Reference Information	O	>1	
2200	III	Information	O	1	
LOOP ID - LM					>1
2300	LM	Code Source Information	O	1	
2400	LQ	Industry Code Identification	M	>1	
2500	LE	Loop Trailer	M	1	
2600	SE	Transaction Set Trailer	M	1	

Notes

1/1100 CDS describes a different case, usually from a different court or agency, related to a specific administration of justice event.

176 - Court Submission

FUNCTIONAL GROUP=**FC**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Court Submission Transaction Set (176) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to submit a legal document or claim and supporting documentation to a court or other designated recipient. It can be transmitted to the submitter to indicate the date and docket information assigned, or it can be transmitted to the submitter to indicate claim disposition or an opinion deciding a case.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	REF	Reference Information	O	>1	
LOOP ID - FGS					>1
0350	FGS	Form Group	M	1	
0400	CDS	Case Description	O	1	
0500	DTM	Date/Time Reference	O	>1	
0600	SPI	Specification Identifier	O	1	
0700	REF	Reference Information	O	>1	
0800	CRC	Conditions Indicator	O	>1	
0900	PAM	Period Amount	O	>1	
1000	BCU	Legal Claim Updates	O	1	
1100	MSG	Message Text	O	>1	
1200	QTY	Quantity Information	O	>1	
1300	CED	Administration of Justice Event Description	O	1	
LOOP ID - LM					>1
1400	LM	Code Source Information	O	1	
1500	LQ	Industry Code Identification	M	>1	
1600	CED	Administration of Justice Event Description	O	1	
1700	MSG	Message Text	O	>1	
LOOP ID - AMT					>1
1800	AMT	Monetary Amount Information	O	1	
1900	DTM	Date/Time Reference	O	>1	
2000	QTY	Quantity Information	O	>1	
2050	REF	Reference Information	O	>1	
2100	MSG	Message Text	O	>1	
LOOP ID - BBC					>1
2200	BBC	Legal Claims	O	1	
2300	AMT	Monetary Amount Information	O	1	
LOOP ID - NM1					>1
2400	NM1	Individual or Organizational Name	O	1	

2500	N2	Additional Name Information	O	>1	
2600	N3	Party Location	O	>1	
2700	N4	Geographic Location	O	1	
2800	REF	Reference Information	O	>1	
2900	QTY	Quantity Information	O	>1	
3000	PER	Administrative Communications Contact	O	>1	
3020	AMT	Monetary Amount Information	O	>1	
3040	PCT	Percent Amounts	O	1	
3060	MSG	Message Text	O	>1	
LOOP ID - BBC					>1
3100	BBC	Legal Claims	O	1	
3200	AMT	Monetary Amount Information	O	>1	
LOOP ID - DTM					>1
3300	DTM	Date/Time Reference	O	1	
3400	CRC	Conditions Indicator	O	>1	
LOOP ID - EFI					>1
3500	EFI	Electronic Format Identification	O	1	
3600	BIN	Binary Data Segment	M	1	
3700	SE	Transaction Set Trailer	M	1	

179 - Environmental Compliance Reporting

FUNCTIONAL GROUP=**EP**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Environmental Compliance Reporting Transaction Set (179) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by commercial and public facilities to submit environmental compliance reports to the Environmental Protection Agency and state and local environmental agencies. The transaction set can also be used to forward data or exchange environmental compliance data amongst environmental agencies at all levels of government, and to return status to the submitter.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	N9	Extended Reference Information	O	>1	
0400	DTM	Date/Time Reference	O	>1	
0500	MTX	Text	O	>1	
LOOP ID - LM					>1
0600	LM	Code Source Information	O	1	
0700	LQ	Industry Code Identification	M	>1	
LOOP ID - NM1					>1
0800	NM1	Individual or Organizational Name	M	1	
0900	N2	Additional Name Information	O	2	
1000	N3	Party Location	O	2	
1100	N4	Geographic Location	O	>1	
1200	N9	Extended Reference Information	O	>1	
1300	TPB	Business Professional Title	O	1	
1400	PER	Administrative Communications Contact	O	>1	
1500	G86	Signature Identification	O	1	
1600	YNQ	Yes/No Question	O	>1	
1700	DTM	Date/Time Reference	O	>1	
LOOP ID - LM					>1
1800	LM	Code Source Information	O	1	
LOOP ID - LQ					>1
1900	LQ	Industry Code Identification	M	1	
2000	LOC	Location	O	1	
2100	MEA	Measurements	O	>1	
LOOP ID - QTY					>1
2200	QTY	Quantity Information	O	1	
2300	SPI	Specification Identifier	O	1	
LOOP ID - OOI					>1
2400	OOI	Associated Object Type Identification	O	1	

2500	BDS	Binary Data Structure	O	1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - HL					>1
0100	HL	Hierarchical Level	M	1	
0200	SPI	Specification Identifier	O	1	
0300	REF	Reference Information	O	>1	
0400	DTM	Date/Time Reference	O	>1	
0500	YNQ	Yes/No Question	O	>1	
0600	PWK	Paperwork	O	>1	
0700	MTX	Text	O	>1	
LOOP ID - NM1					>1
0800	NM1	Individual or Organizational Name	O	1	
0900	N2	Additional Name Information	O	2	
1000	N3	Party Location	O	2	
1100	N4	Geographic Location	O	>1	
1200	PER	Administrative Communications Contact	O	>1	
1300	REF	Reference Information	O	>1	
1400	MTX	Text	O	1	
LOOP ID - LM					>1
1500	LM	Code Source Information	O	1	
LOOP ID - LQ					>1
1600	LQ	Industry Code Identification	M	1	
1700	MEA	Measurements	O	>1	
1800	QTY	Quantity Information	O	>1	
1900	REF	Reference Information	O	>1	
2000	DTM	Date/Time Reference	O	>1	
2100	NTE	Note/Special Instruction	O	>1	
LOOP ID - III					>1
2200	III	Information	O	1	
2300	LOC	Location	O	1	
2400	MEA	Measurements	O	>1	
LOOP ID - N9					>1
2500	N9	Extended Reference Information	O	1	
2600	MEA	Measurements	O	>1	
2700	YNQ	Yes/No Question	O	>1	
2800	NTE	Note/Special Instruction	O	>1	
LOOP ID - QTY					>1
2900	QTY	Quantity Information	O	1	
3000	III	Information	O	>1	
3100	SPI	Specification Identifier	O	1	
LOOP ID - LM					>1
3200	LM	Code Source Information	O	1	
LOOP ID - LQ					>1

3300	LQ	Industry Code Identification	M	1	
3400	QTY	Quantity Information	O	>1	
3500	AMT	Monetary Amount Information	O	>1	
3600	PCT	Percent Amounts	O	>1	
3700	N1	Party Identification	O	>1	
3800	III	Information	O	>1	
3900	YNQ	Yes/No Question	O	>1	
4000	SPI	Specification Identifier	O	1	
4100	MEA	Measurements	O	>1	
4200	NTE	Note/Special Instruction	O	>1	
LOOP ID - NM1					>1
4300	NM1	Individual or Organizational Name	O	1	
4400	N2	Additional Name Information	O	2	
4500	N3	Party Location	O	2	
4600	N4	Geographic Location	O	>1	
4700	PER	Administrative Communications Contact	O	>1	
4800	YNQ	Yes/No Question	O	>1	
LOOP ID - QTY					>1
4900	QTY	Quantity Information	O	1	
5000	III	Information	O	>1	
LOOP ID - LM					>1
5100	LM	Code Source Information	O	1	
5200	LQ	Industry Code Identification	M	>1	
LOOP ID - OOI					>1
5300	OOI	Associated Object Type Identification	O	1	
5400	BDS	Binary Data Structure	O	1	
5500	SE	Transaction Set Trailer	M	1	

180 - Return Merchandise Authorization and Notification

FUNCTIONAL GROUP=**AN**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Return Merchandise Authorization and Notification Transaction Set (180) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can provide for customary and established business and industry practice relative to the returning of merchandise to the vendor. This transaction set may satisfy request for returns, authorization or disposition of the return, notification of return, or notification of consumer return.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	RDR	Return Disposition Reason	O	1	
	0400	PRF	Purchase Order Reference	O	1	
	0500	DTM	Date/Time Reference	O	10	
	0600	N9	Extended Reference Information	O	10	
	0700	PER	Administrative Communications Contact	O	2	
	0800	SAC	Service, Promotion, Allowance, or Charge Information	O	10	
	0850	G38	Claim Payment Information	O	1	
	0900	PKG	Marking, Packaging, Loading	O	5	
	1000	TD1	Carrier Details (Quantity and Weight)	O	10	
	1100	TD5	Carrier Details (Routing Sequence/Transit Time)	O	10	
	1150	NTE	Note/Special Instruction	O	5	
	LOOP ID - N1					200
	1200	N1	Party Identification	O	1	
	1300	N2	Additional Name Information	O	2	
	1400	N3	Party Location	O	2	
	1500	N4	Geographic Location	O	1	
	1600	PER	Administrative Communications Contact	O	5	
	LOOP ID - LM					10
	1700	LM	Code Source Information	O	1	
	1800	LQ	Industry Code Identification	M	100	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - BLI					>1
N	0100	BLI	Basic Baseline Item Data	O	1	
	0110	N9	Extended Reference Information	O	20	
	0200	PID	Product/Item Description	O	5	
	0300	RDR	Return Disposition Reason	O	1	
	0400	SAC	Service, Promotion, Allowance, or Charge Information	O	10	

	0420	AMT	Monetary Amount Information	O	>1	
	0440	MEA	Measurements	O	>1	
	0460	CRC	Conditions Indicator	O	>1	
	0480	NTE	Note/Special Instruction	O	>1	
	0500	PRF	Purchase Order Reference	O	1	
	0520	DTM	Date/Time Reference	O	15	
	0530	DD	Demand Detail	O	100	
	0540	GF	Furnished Goods and Services	O	1	
	0550	TD5	Carrier Details (Routing Sequence/Transit Time)	O	5	
	0560	SDQ	Destination Quantity	O	100	
LOOP ID - LM						10
	0570	LM	Code Source Information	O	1	
	0580	LQ	Industry Code Identification	M	100	
LOOP ID - N1						200
	0600	N1	Party Identification	O	1	
	0700	N2	Additional Name Information	O	2	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	1	
	1000	PER	Administrative Communications Contact	O	5	
LOOP ID - QTY						>1
	1100	QTY	Quantity Information	O	1	
	1200	AMT	Monetary Amount Information	O	5	
	1300	DTM	Date/Time Reference	O	10	
N	1400	N1	Party Identification	O	1	
LOOP ID - LM						10
	1500	LM	Code Source Information	O	1	
	1600	LQ	Industry Code Identification	M	100	
LOOP ID - LX						>1
N	1700	LX	Transaction Set Line Number	O	1	
	1800	N9	Extended Reference Information	O	>1	
	1900	DTM	Date/Time Reference	O	10	
N	2000	N1	Party Identification	O	1	
LOOP ID - LM						10
	2100	LM	Code Source Information	O	1	
	2200	LQ	Industry Code Identification	M	100	
LOOP ID - FA1						>1
	2250	FA1	Type of Financial Accounting Data	O	1	
	2260	FA2	Accounting Data	M	>1	
	2300	SE	Transaction Set Trailer	M	1	

Notes

2/0100 Quantity is specified either in the BLI segment (BLI03) or in the QTY segment.
2/1400 The N1 segment is used to identify the location of the material specified in the QTY loop.
2/1700 The LX loop conveys serial number, lot number and inventory data.

2/2000 The N1 segment identifies the name of the manufacturer associated with the serial or lot number specified in the LX loop.

185 - Royalty Regulatory Report

FUNCTIONAL GROUP=**RD**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Royalty Regulatory Report Transaction Set (185) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide royalty regulatory data for extraction of minerals and petroleum products from leased property. The data can be sent to federal and state government agencies to meet regulatory requirements. The data can be exchanged between private industry trading partners for information purposes.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	DTP	Date or Time or Period	O	>1	
	LOOP ID - N1					>1
N	0400	N1	Party Identification	O	1	
	0500	N2	Additional Name Information	O	2	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	
	0800	REF	Reference Information	O	5	
	0900	PER	Administrative Communications Contact	O	>1	
	LOOP ID - LM					>1
	1000	LM	Code Source Information	O	1	
	1100	LQ	Industry Code Identification	M	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LX					>1
	0100	LX	Transaction Set Line Number	M	1	
	0200	ASI	Action or Status Indicator	O	1	
	0300	DTP	Date or Time or Period	O	>1	
	0400	NTE	Note/Special Instruction	O	>1	
	0450	N1	Party Identification	O	>1	
	0500	REF	Reference Information	O	>1	
	0600	PCT	Percent Amounts	O	>1	
	0700	ASM	Amount and Settlement Method	O	>1	
	LOOP ID - LM					>1
	0800	LM	Code Source Information	O	1	
	0900	LQ	Industry Code Identification	O	>1	
	LOOP ID - PID					>1
	1000	PID	Product/Item Description	O	1	
	1100	MEA	Measurements	O	>1	
	1200	QTY	Quantity Information	O	>1	

1300	AMT	Monetary Amount Information	O	>1	
1400	ASM	Amount and Settlement Method	O	>1	
LOOP ID - LQ					>1
1500	LQ	Industry Code Identification	O	1	
1700	QTY	Quantity Information	O	>1	
1800	AMT	Monetary Amount Information	O	>1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	LS	Loop Header	O	1	
LOOP ID - ASM					>1
0200	ASM	Amount and Settlement Method	O	1	
0300	REF	Reference Information	O	1	
0400	LE	Loop Trailer	O	1	
0500	SE	Transaction Set Trailer	M	1	

Notes

1/0400 N1 can be used to identify the sender.

186 - Insurance Underwriting Requirements Reporting

FUNCTIONAL GROUP=**UW**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Insurance Underwriting Requirements Reporting Transaction Set (186) for use within the context of an Electronic Data Interchange (EDI) environment. The standard can be used by the information providers to report the results of specific services to their trading partners for information to complete the insurance underwriting process on individually underwritten life and health insurance.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	CUR	Currency	O	1	
N	0400	LTR	Laboratory Test Results	O	99	
	LOOP ID - 1000					2
N	0500	NM1	Individual or Organizational Name	O	1	
	0600	N3	Party Location	O	3	
	0700	N4	Geographic Location	O	1	
N	0800	REF	Reference Information	O	9	
	0900	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
N	0100	ACT	Account Identification	M	1	
	LOOP ID - 2050					>1
N	0200	LX	Transaction Set Line Number	M	1	
	LOOP ID - 2075					>1
N	0300	NM1	Individual or Organizational Name	M	1	
N	0400	REF	Reference Information	O	>1	
N	0500	N3	Party Location	O	1	
N	0600	N4	Geographic Location	O	1	
N	0700	DMG	Demographic Information	O	1	
	0740	DMH	Extended Demographic Information	O	1	
	0800	DTP	Date or Time or Period	O	5	
N	0900	AM1	Informational Values	O	9	
N	1000	PWK	Paperwork	O	1	
	1100	MSG	Message Text	O	>1	
N	1200	DMA	Additional Demographic Information	O	1	
N	1300	QTY	Quantity Information	O	>1	
	LOOP ID - 2100					>1
N	1400	BOR	Beginning of Report	M	1	
	1500	DTP	Date or Time or Period	O	>1	

N	1600	MSG	Message Text	O	>1	
LOOP ID - 2150						>1
N	1700	NM1	Individual or Organizational Name	O	1	
N	1800	REF	Reference Information	O	>1	
	1900	PER	Administrative Communications Contact	O	1	
	2000	N3	Party Location	O	1	
	2100	N4	Geographic Location	O	1	
N	2200	DMA	Additional Demographic Information	O	1	
N	2300	REL	Relationship	O	1	
LOOP ID - 2200						>1
N	2400	SPK	Specimen Kit Information	O	1	
	2500	CD2	Multi-Valued Characteristics	O	9	
	2600	DTP	Date or Time or Period	O	9	
	2700	REF	Reference Information	O	1	
	2800	MSG	Message Text	O	>1	
LOOP ID - 2250						>1
N	2900	NM1	Individual or Organizational Name	O	1	
	3000	N4	Geographic Location	O	1	
LOOP ID - 2300						>1
N	3100	LTR	Laboratory Test Results	O	1	
	3200	CD2	Multi-Valued Characteristics	O	9	
	3300	DTP	Date or Time or Period	O	9	
N	3400	NM1	Individual or Organizational Name	O	9	
	3500	MSG	Message Text	O	>1	
LOOP ID - 2350						>1
N	3600	UC	Underwriting Category	O	1	
LOOP ID - 2400						>1
N	3700	HL	Hierarchical Level	O	1	
N	3800	UQS	Underwriting Question	O	1	
	3900	NM1	Individual or Organizational Name	O	1	
	4000	N1	Party Identification	O	1	
	4100	N3	Party Location	O	1	
	4200	N4	Geographic Location	O	1	
	4300	DTP	Date or Time or Period	O	>1	
	4400	QTY	Quantity Information	O	>1	
	4500	MSG	Message Text	O	>1	
	4600	DMA	Additional Demographic Information	O	1	
	4700	AM1	Informational Values	O	1	
	4800	DMG	Demographic Information	O	1	
	4900	AMT	Monetary Amount Information	O	1	
	5000	EC	Employment Class	O	1	
	5100	PER	Administrative Communications Contact	O	1	
	5200	REF	Reference Information	O	1	
	5300	IN1	Individual Identification	O	1	
	5400	EMS	Employment Position	O	1	
	5500	ASL	Asset Liability	O	>1	

	5600	TOA	Type of Activity	O	1				
	5700	TOV	Vehicle Use Information	O	1				
	5800	III	Information	O	>1				
	5900	SIN	Substance Use	O	1				
	6000	UCS	Underwriting Considerations	O	1				
	6100	FH	Family History	O	1				
	6200	UD	Underwriting Status	O	1				
	6300	CDS	Case Description	O	1				
	6400	CED	Administration of Justice Event Description	O	1				
	6500	YNQ	Yes/No Question	O	1				
	6600	MPI	Military Personnel Information	O	1				
LOOP ID - 2450						>1			
N	6700	EFI	Electronic Format Identification	O	1				
	6800	BIN	Binary Data Segment	M	1				
	6900	LS	Loop Header	O	1				
LOOP ID - 2500								>1	
N	7000	UD	Underwriting Status	O	1				
	7100	NM1	Individual or Organizational Name	O	1				
	7200	N4	Geographic Location	O	1				
N	7300	REL	Relationship	O	1				
N	7400	DTP	Date or Time or Period	O	1				
LOOP ID - 2550							>1		
N	7500	EFI	Electronic Format Identification	O	1				
	7600	BIN	Binary Data Segment	M	1				
	7700	LE	Loop Trailer	O	1				
	7800	SE	Transaction Set Trailer	M	1				

Notes

1/0300 The CUR segment is used to designate the currency type used in monetary amounts in the transaction set.

1/0400 The LTR segment allows for transmitting expected ranges for all occurrences of a test in the transaction set.

1/0500 The 1000 loop allows for identifying the sender and the receiver of the message and their respective account numbers.

1/0800 The REF segment is used to convey regulatory licensing identification.

2/0100 The 2000 loop occurs for each insurance company account, division, etc.

2/0200 The 2050 loop contains information about the proposed insured.

2/0300 The 2075 loop identifies the proposed insured, including social security number. Additional 2075 loops can be used to identify additional entities associated with the proposed insured's application for insurance such as the agent or underwriter.

2/0400 The REF segment includes the insurance company's identification (application number, policy number, etc.).

2/0500 The N3 segment applies to the individual applicant identified in the NM1 segment at 2/0300.

2/0600 The N4 segment applies to the individual applicant identified in the NM1 segment at 2/0300.

2/0700 The DMG segment applies to the individual applicant identified in the NM1 segment at 2/0300.

2/0900 The AM1 segment is used to describe the insurance coverage being requested. The AM1 segment is also used to advise report costs.
2/1000 The PWK segment is used to indicate that additional paper reports have been sent.
2/1200 The DMA segment applies to the individual applicant identified in the NM1 segment at 2/0300.
2/1300 The QTY segment applies to the individual applicant identified in the NM1 segment at 2/0300.
2/1400 The 2100 loop repeats for each individual report. The BOR segment includes the type of report and laboratory/information provider report number.
2/1600 The MSG segment sends the narrative version of the individual report as required by the Fair Credit Reporting Act.
2/1700 The 2150 loop is to identify entities involved in creating the report. If this data goes through a clearinghouse, this segment can also be used to maintain the original information provider which was originally stored in the NM1 at 1/0500.
2/1800 The REF segment is repeated to capture multiple identification numbers for the entity identified in the NM1 at 2/1700.
2/2200 The DMA segment identifies the language spoken by the proposed insured.
2/2300 The REL segment identifies the relationship between the proposed insured and interpreter.
2/2400 The 2200 loop is used to describe the specimen received by the laboratory.
2/2900 The 2250 loop is used to identify the firm which collected and forwarded the specimen and the paramedic who collected the specimen.
2/3100 The 2300 loop repeats for each individual test being reported and provides the results for each test.
2/3400 The NM1 segment identifies the individuals or laboratory locations responsible for an individual test.
2/3600 The 2350 loop categorizes the information being reported in this and subordinate loops.
2/3700 The 2400 loop allows relationships among hierarchically-related groups of information about the insurance applicant.
2/3800 The UQS segment allows information providers to send unique questions.
2/6700 The 2450 loop contains binary data of medical images such as heart chart, ECG, etc.
2/7000 The bounded 2500 loop allows the signature(s) and identifying information for multiple people.
2/7000 The UD segment identifies the status of the signature if not included in this transaction.
2/7300 The REL segment identifies the relationship between the signee and the proposed insured.
2/7400 The DTP segment indicates the date the signature was signed.
2/7500 The 2550 loop contains binary data representing a signature and identifying information.

187 - Premium Audit Request and Return

FUNCTIONAL GROUP=**AE**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Premium Audit Request and Return Transaction Set (187) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to communicate premium audit information between property and casualty insurers, and independent premium audit service providers. This information includes, but is not limited to: premium audit request information (i.e., type of audit being requested, policyholder name, business locations, class codes, estimated exposures, date of coverage, producing agency, endorsements); and completed audit information (i.e., actual classification codes and exposures, description of operations, sources of financial information, subcontractor exposures) for the auditable general liability, commercial automobile and worker's compensation lines of insurance.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	MSG	Message Text	O	>1	
0400	REF	Reference Information	O	>1	
0500	PER	Administrative Communications Contact	O	3	
0600	DTP	Date or Time or Period	O	10	
LOOP ID - 1000					>1
0700	N1	Party Identification	O	1	
0800	N2	Additional Name Information	O	2	
0900	N3	Party Location	O	2	
1000	N4	Geographic Location	O	1	
1100	REF	Reference Information	O	12	
1200	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
N	0100	HL	Hierarchical Level	M	1	
	LOOP ID - 2100					1
N	0200	LX	Transaction Set Line Number	O	1	
	0300	VEH	Vehicle Information	O	1	
	0400	VAT	Vehicle Attribute	O	20	
	0500	DVI	Dynamic Vehicle Information	O	1	
	0600	SI	Service Characteristic Identification	O	8	
	0700	PID	Product/Item Description	O	10	
	0800	MEA	Measurements	O	10	
	0900	REF	Reference Information	O	>1	
	1000	AMT	Monetary Amount Information	O	5	
	1100	AD1	Adjustment Amount	O	20	

	1200	DTP	Date or Time or Period	O	20	
	1300	TXI	Tax Information	O	>1	
LOOP ID - 2110						>1
	1400	QTY	Quantity Information	O	1	
	1500	SI	Service Characteristic Identification	O	1	
LOOP ID - 2120						5
	1600	EFI	Electronic Format Identification	O	1	
	1700	BIN	Binary Data Segment	O	>1	
LOOP ID - 2200						1
N	1800	NM1	Individual or Organizational Name	O	1	
	1900	N2	Additional Name Information	O	2	
	2000	N3	Party Location	O	2	
	2100	N4	Geographic Location	O	1	
	2200	DMG	Demographic Information	O	1	
	2300	DMA	Additional Demographic Information	O	1	
	2340	DMH	Extended Demographic Information	O	1	
	2400	MEA	Measurements	O	10	
	2500	NX2	Location ID Component	O	1	
	2600	REF	Reference Information	O	10	
	2700	PER	Administrative Communications Contact	O	>1	
LOOP ID - 2300						>1
N	2800	III	Information	O	1	
	2900	SI	Service Characteristic Identification	O	2	
	3000	PID	Product/Item Description	O	10	
	3100	MEA	Measurements	O	10	
	3200	REF	Reference Information	O	>1	
	3300	DTP	Date or Time or Period	O	10	
	3400	MSG	Message Text	O	>1	
	3500	AMT	Monetary Amount Information	O	10	
	3600	AD1	Adjustment Amount	O	20	
	3700	CRC	Conditions Indicator	O	50	
	3800	PCT	Percent Amounts	O	10	
	3900	PDP	Property Description - Personal	O	>1	
	4000	PDR	Property Description - Real	O	>1	
	4100	PDS	Property Description/Legal Description	O	>1	
LOOP ID - 2310						>1
N	4200	SUP	Supplementary Information	M	1	
	4300	MEA	Measurements	O	1	
	4400	REF	Reference Information	O	>1	
	4500	DTP	Date or Time or Period	O	>1	
	4600	AMT	Monetary Amount Information	O	>1	
	4700	AD1	Adjustment Amount	O	>1	
LOOP ID - 2320						>1
N	4800	QTY	Quantity Information	O	1	
	4900	SI	Service Characteristic Identification	O	1	

LOOP ID - 2330						>1
N	5000	LQ	Industry Code Identification	O	1	
	5100	AMT	Monetary Amount Information	O	10	
	5200	AD1	Adjustment Amount	O	10	
	5300	PCT	Percent Amounts	O	10	
LOOP ID - 2340						>1
N	5400	NM1	Individual or Organizational Name	O	1	
	5500	N2	Additional Name Information	O	2	
	5600	N3	Party Location	O	2	
	5700	N4	Geographic Location	O	1	
	5800	DMG	Demographic Information	O	1	
	5900	DMA	Additional Demographic Information	O	1	
	5940	DMH	Extended Demographic Information	O	1	
	6000	NX2	Location ID Component	O	1	
	6100	REF	Reference Information	O	>1	
	6200	PER	Administrative Communications Contact	O	>1	
LOOP ID - 2350						>1
N	6300	ITA	Allowance, Charge or Service	O	1	
	6400	DTP	Date or Time or Period	O	>1	
	6500	REF	Reference Information	O	5	
	6600	CUR	Currency	O	1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	TDS	Total Monetary Value Summary	M	1	
LOOP ID - 3000					>1
0200	ITA	Allowance, Charge or Service	O	1	
0300	DTP	Date or Time or Period	O	>1	
0400	REF	Reference Information	O	>1	
0500	CUR	Currency	O	1	
LOOP ID - 3100					>1
0600	BAL	Balance Detail	O	1	
0700	DTP	Date or Time or Period	O	>1	
LOOP ID - 3200					>1
0800	N1	Party Identification	O	1	
LOOP ID - 3210					>1
0900	BAL	Balance Detail	O	1	
1000	DTP	Date or Time or Period	O	>1	
LOOP ID - 3220					>1
1100	ITA	Allowance, Charge or Service	O	1	
1200	DTP	Date or Time or Period	O	>1	
1300	REF	Reference Information	O	>1	
1400	CUR	Currency	O	1	
1500	SE	Transaction Set Trailer	M	1	

Notes

2/0100 At least one occurrence each of the insurer level, company/corporation level, and insurance policy level is required. The insurer level and the company/corporation level will always be the first two hierarchical levels and must be in that (hierarchical) order. If the premium audit is documented by location, the insurance policy level will immediately follow the location record level. If the premium audit is documented by policy, the insurance policy level will immediately follow the company/corporation level or the operating unit level, whichever is the lower level to which the hierarchy extends.

2/0100 The location record level is optional. If the premium audit is documented by location and the operating unit level is NOT used, the location record level will immediately follow the company/corporation level. If the operating unit level is used, the location record level will immediately follow that level. If the premium audit is documented by policy, the location record level will immediately follow the insurance policy level.

2/0100 The operating unit level is optional and if used, must immediately follow the company/corporation level.

2/0100 The provider of service level, employee level, and vehicle level are all optional and are hierarchically equal. If the premium audit is documented by location, any of these levels (if used) would be a child of the insurance policy level and would immediately follow (in any order) the insurance policy level. If the premium audit is documented by policy any of these levels (if used) would be a child of and would immediately follow either the insurance policy level or the location record level, whichever is the lower level to which the hierarchy extends.

2/0100 The support document level is optional and when used, will always immediately follow the provider of service level.

2/0100 Valid codes for HL03 to define levels for this transaction set are given below: AA - Insurer 19 - Provider of Service 34 - Location Record 35 - Company/Corporation 36 - Operating Unit 64 - Employee 65 - Insurance Policy 66 - Vehicle SD - Support Document

2/0200 Loop 2100 is used (at HL35 or HL65) to encapsulate loop 2120 for the attachment of premium audit data in formats external to the transaction set (e.g., an electronic spreadsheet file). At HL66 it contains information on vehicles being audited.

2/1800 Loop 2200 contains information to identify the insurer (HLAA), the insured (HL35), the insured business (HL36), an insured location (HL34), an insurance policy (HL65), an employee (HL64), a subcontractor (HL19), or a vehicle garaging location (HL66).

2/2800 Loop 2300 contains premium audit detail information related to the insured business records (HL36), an insured location (HL34), an insurance policy (HL65), split audits (HL65), officer compensation (HL65), endorsements (HL65), classification codes (HL65), premium modifications (HL65), audit notes information (HL65), an employee (HL64), a subcontractor, (HI19) or subcontractor insurance coverage (HLSD).

2/4200 Loop 2310 contains supporting detail by specified date for an insurance policy (HL65) or an employee (HL64).

2/4800 Loop 2320 contains quantitative detail necessary to the audit of certain types of insurance policies (HL65).

2/5000 Loop 2330 contains monetary or financial detail necessary to the audit of certain types of insurance policies (HL65).

2/5400 Loop 2340 contains information to identify the issuing insurer (HLAA), the insured business records location (HL36), the insured location records location (HL34), the producing agent (HL65), various state jurisdictions applicable to an insurance policy (HL65), or the insurance carrier for a subcontractor (HLSD).

2/6300 Loop 2350 contains information to document the premium auditor's time and fee, either for audits to be billed by the policy (HL65) or those to be billed by location (HL34).

188 - Educational Course Inventory

FUNCTIONAL GROUP=**EC**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Educational Course Inventory Transaction Set (188) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by schools and school districts and by postsecondary educational institutions to request and to transmit information about educational courses that are currently being offered or that have been offered in the past by the school, school district or postsecondary institution.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	ERP	Educational Record Purpose	M	1	
	LOOP ID - N1					2
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	1	
	0600	N4	Geographic Location	O	1	
	0700	PER	Administrative Communications Contact	O	1	
	LOOP ID - CSE					>1
N	0800	CSE	Educational Course Information	M	1	
	0900	DTP	Date or Time or Period	O	10	
	1000	CSU	Supplemental Course Data	O	10	
N	1100	REF	Reference Information	O	10	
	1200	MSG	Message Text	O	>1	
	1300	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The N1 loop indicates the sending and receiving institutions.
1/0800 The CSE loop indicates information about the educational course.
1/1100 The REF segment provides an additional identifier by which an educational course is known.

189 - Application for Admission to Educational Institutions

FUNCTIONAL GROUP=**AF**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Application for Admission to Educational Institutions Transaction Set (189) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set contains all the information, except for official transcripts, that students use to apply for admission to educational institutions. The individual student may send the application for admission directly to the educational institution. In addition, entities other than the student may route or handle the application for admission. These entities include high schools, high school counselors, admission application service providers and clearinghouses, other educational institutions, testing agencies, and recommenders.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - N1					2
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	1	
	0600	N4	Geographic Location	O	1	
	0700	PER	Administrative Communications Contact	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - REF					15
N	0100	REF	Reference Information	M	1	
N	0200	DTP	Date or Time or Period	O	2	
N	0300	N4	Geographic Location	O	1	
N	0400	N1	Party Identification	O	1	
	LOOP ID - IN1					10
N	0500	IN1	Individual Identification	M	1	
	0600	IN2	Individual Name Structure Components	M	10	
	0700	REF	Reference Information	O	10	
	0800	DMG	Demographic Information	O	1	
	0900	IND	Additional Individual Demographic Information	O	1	
	1000	IMM	Immunization Status	O	>1	
	1100	HC	Health Condition	O	>1	
	1200	LUI	Language Use	O	>1	
N	1300	III	Information	O	10	
	1400	NTE	Note/Special Instruction	O	1	
	LOOP ID - N3					5

N	1500	N3	Party Location	O	1	
	1600	N4	Geographic Location	O	1	
N	1700	DTP	Date or Time or Period	O	2	
	LOOP ID - COM					10
N	1800	COM	Communication Contact Information	O	1	
N	1900	DTP	Date or Time or Period	O	2	
	LOOP ID - N1					5
N	2000	N1	Party Identification	O	1	
	2030	N3	Party Location	O	1	
	2040	N4	Geographic Location	O	1	
	2050	QTY	Quantity Information	O	1	
	LOOP ID - EMS					5
	2100	EMS	Employment Position	O	1	
	2130	DTP	Date or Time or Period	O	2	
N	2160	QTY	Quantity Information	O	1	
	2180	AMT	Monetary Amount Information	O	1	
	LOOP ID - ATV					>1
	2200	ATV	Student Activities and Awards	O	1	
N	2300	DTP	Date or Time or Period	O	2	
	2350	LS	Loop Header	O	1	
	LOOP ID - AMT					15
N	2400	AMT	Monetary Amount Information	O	1	
N	2500	MSG	Message Text	O	1	
	2550	LE	Loop Trailer	O	1	
	LOOP ID - SSE					5
N	2600	SSE	Entry and Exit Information	O	1	
	2700	DEG	Degree Record	O	1	
	2800	FOS	Field of Study	O	5	
	LOOP ID - LQ					1
	2850	LQ	Industry Code Identification	O	1	
	2860	PDL	Payment Details	O	1	
	LOOP ID - RSD					>1
N	2900	RSD	Residency Information	O	1	
N	3000	N4	Geographic Location	M	1	
N	3100	DTP	Date or Time or Period	O	>1	
N	3200	QTY	Quantity Information	O	1	
N	3300	REF	Reference Information	O	1	
	LOOP ID - RQS					>1
N	3400	RQS	Request for Information	O	1	
N	3500	MSG	Message Text	O	>1	
	LOOP ID - SST					10
N	3600	SST	Student Academic Status	O	1	
	3700	SSE	Entry and Exit Information	O	1	

	3800	N1	Party Identification	O	2	
	3900	N3	Party Location	O	1	
	4000	N4	Geographic Location	O	1	
	4050	COM	Communication Contact Information	O	1	
	4100	SUM	Academic Summary	O	5	
	4150	MSG	Message Text	O	1	
LOOP ID - SES						20
	4200	SES	Academic Session Header	O	1	
LOOP ID - CRS						50
	4300	CRS	Course Record	O	1	
	4400	NTE	Note/Special Instruction	O	1	
LOOP ID - TST						>1
N	4500	TST	Test Score Record	O	1	
LOOP ID - SBT						>1
	4600	SBT	Subtest	O	1	
	4700	SRE	Test Scores	O	3	
	4800	NTE	Note/Special Instruction	O	2	
LOOP ID - PCL						25
N	4900	PCL	Previous College	O	1	
	5000	N3	Party Location	O	1	
	5100	N4	Geographic Location	O	1	
	5150	COM	Communication Contact Information	O	1	
	5200	SSE	Entry and Exit Information	O	1	
	5300	SUM	Academic Summary	O	1	
	5350	MSG	Message Text	O	1	
LOOP ID - SES						1000
	5400	SES	Academic Session Header	O	1	
LOOP ID - CRS						50
	5500	CRS	Course Record	O	1	
	5600	NTE	Note/Special Instruction	O	1	
LOOP ID - DEG						10
	5700	DEG	Degree Record	O	1	
	5800	SUM	Academic Summary	O	1	
	5900	FOS	Field of Study	O	30	
	6000	NTE	Note/Special Instruction	O	30	
LOOP ID - LX						1
	6100	LX	Transaction Set Line Number	O	1	
N	6200	MSG	Message Text	M	>1	
LOOP ID - LT						15
N	6300	LT	Letter of Recommendation	O	1	
N	6400	DTP	Date or Time or Period	O	1	
N	6500	QTY	Quantity Information	O	1	
	6600	COM	Communication Contact Information	O	5	
	6700	N1	Party Identification	O	1	

	6800	N3	Party Location	O	1
	6900	N4	Geographic Location	O	1
	7000	LTE	Letter of Recommendation Evaluation	O	15
N	7100	MSG	Message Text	O	>1
	7200	SE	Transaction Set Trailer	M	1

Notes

1/0300 The N1 loop provides information about the sender and the intended receiver.

2/0100 The REF loop contains reference numbers for the applying student.

2/0200 The DTP segments contain issuance dates, or effective and expiration dates, where applicable, for the reference numbers supplied in the REF segment.

2/0300 The N4 segment identifies the location for which the reference number is effective; for example, the port of entry for issuance of a visa.

2/0400 The N1 segment identifies the organization, where applicable, that produced or issued the reference number; for example, the postsecondary institution that produced the State Department forms for an international student.

2/0500 The IN1 loop provides name, address and other demographic information about the applying student and other individuals related to the student.

2/1300 The III segment allows for additional codified information to be provided about the applying student or an individual related to the applying student. In particular, this segment is used to send religion information where it is appropriate.

2/1500 The N3 loop contains address information for the individual (student, parent, guardian, spouse, etc.) in the IN1 loop. Multiple addresses, such as a mailing address and a home address, are possible for each individual.

2/1700 The DTP segments are the effective and expiration dates for each address.

2/1800 The COM loop contains a contact number, such as home phone number, work phone number, or e-mail address, for the individual (student, parent, guardian, spouse, etc.) identified in an occurrence of the IN1 loop.

2/1900 The DTP segments are the effective and expiration dates for each contact number.

2/2000 The N1 loop provides job and employer information about the individual identified in the occurrence of the IN1 segment.

2/2160 The QTY indicates the amount of time the individual worked within the time period (hour per week, months per year, etc.).

2/2300 The DTP segments allow the applying student to report the beginning and ending dates for involvement in an activity, or the date an award was granted.

2/2400 The AMT loop contains financial support and sponsorship information for international students. The AMT segment contains the amount and type of the financial source or sponsorship.

2/2500 The MSG segment contains a qualifying comment or remark about the funding source in the AMT segment.

2/2600 The SSE loop provides information on the desired entry dates, majors, degree programs, and their relative priority according to the applying student.

2/2900 The RSD loop contains an applying student's responses to questions that will determine whether a student is a resident of a state or province for tuition purposes. The RSD segment contains the residency type question and a response.

2/3000 The N4 segment contains the state, country or province about which the residency question applies.

2/3100 The DTP segments contain the dates the residences type began or ended, or the date the supporting documents were issued.

2/3200 The QTY segment contains the length of time the residency type has been in effect.

2/3300 The REF segment contains the reference number for documents used to support the student's response to the residency type question.

2/3400 The RQS loop provides a means to ask a number of questions of the student. The RQS segment contains the question and the student's response.

2/3500 The MSG segment contains a longer explanation of the student's response when needed; for example, explanatory notes associated with a criminal conviction.

2/3600 The SST loop provides information about the high schools the student attended along with self-reported course work, credit hours, GPA, etc.

2/4500 The TST loop provides self-reported information about which tests the student has taken or is planning to take and any associated scores.

2/4900 The PCL loop provides information about other colleges and universities the student has previously attended or is applying to. Self-reported hours, GPA, and curriculum are also reported here.

2/6200 The MSG segments provide for a student to write essays on a number of topics.

2/6300 The LT loop provides for letters of recommendation and evaluations to be supplied. The LT segment contains the type and the source of the letter of recommendation.

2/6400 The DTP contains the date of the letter of recommendation.

2/6500 The QTY indicates the length of time that the source of the recommendation has known the applying student.

2/7100 The MSG segments contain the text of the recommendation.

190 - Student Enrollment Verification

FUNCTIONAL GROUP=**SV**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Student Enrollment Verification Transaction Set (190) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by guarantee agencies ("guarantors"), lending institutions ("lenders"), educational institutions ("schools"), secondary markets, and others to request and receive information required to verify a student's enrollment status.

Federal regulations require lenders, guarantors, and schools to exchange student enrollment status information. This information includes, but is not limited to, student identification, enrollment status and dates, and school detail. The student's current enrollment status affects various aspects of the student loan process, such as the student's disbursement terms, deferment terms, deferment status, and repayment terms. Other entities such as the Internal Revenue Service, insurance companies and student lending processors require reporting of additional information including student address, grade point average, tuition and expenses paid, and expected degree date in order for students or taxpayers to qualify for certain programs.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	ENR	School Enrollment Information	O	1	
	0350	ERP	Educational Record Purpose	O	1	
	0400	DTP	Date or Time or Period	O	>1	
	0410	SST	Student Academic Status	O	1	
	0420	SUM	Academic Summary	O	6	
	0422	NTE	Note/Special Instruction	O	10	
	LOOP ID - AMT					>1
	0425	AMT	Monetary Amount Information	O	1	
	0427	LQ	Industry Code Identification	O	1	
	LOOP ID - N1					2
N	0430	N1	Party Identification	O	1	
	0440	N2	Additional Name Information	O	1	
	0450	N3	Party Location	O	2	
	0460	N4	Geographic Location	O	1	
	0470	PER	Administrative Communications Contact	O	1	
	LOOP ID - ENT					5
N	0500	ENT	Entity	O	1	
	0600	IN2	Individual Name Structure Components	O	5	
	0700	DMG	Demographic Information	O	1	
	0800	N3	Party Location	O	2	

0900	N4	Geographic Location	O	1	
LOOP ID - SES					100
1000	SES	Academic Session Header	O	1	
1100	SUM	Academic Summary	O	6	
1200	ENR	School Enrollment Information	O	1	
1300	FOS	Field of Study	O	5	
1400	NTE	Note/Special Instruction	O	100	
LOOP ID - DEG					10
1500	DEG	Degree Record	O	1	
1600	FOS	Field of Study	O	2	
1700	NTE	Note/Special Instruction	O	100	
1800	SE	Transaction Set Trailer	M	1	

Notes

1/0430 The N1 loop identifies the sender and the receiver.

1/0500 The ENT loop identifies the student, taxpayer, school, lender, or guarantor entities.

191 - Student Loan Pre-Claims and Claims

FUNCTIONAL GROUP=**SD**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Student Loan Pre-Claims and Claims Transaction Set (191) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by lending institutions (lenders), secondary markets, or student loan servicers to exchange information with guarantee agencies (guarantors) regarding pre-claims assistance on student loans that are approaching a default status and claim payment requests for defaulted student loans.

This information includes, but is not limited to, borrower identification, loan detail, payment history, and due diligence history. Federal regulations require loan owners to file a pre-claims assistance request as part of their due diligence process, prior to filing a claim for default reimbursement. Loan owners are also required to file specific information to submit a claim payment request.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - ENT					10
N	0300	ENT	Entity	M	1	
	0400	IN2	Individual Name Structure Components	O	5	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	PER	Administrative Communications Contact	O	3	
	0800	DMG	Demographic Information	O	1	
	0900	DMA	Additional Demographic Information	O	1	
	1000	DTP	Date or Time or Period	O	3	
	1100	YNQ	Yes/No Question	O	5	
	1200	ENR	School Enrollment Information	O	1	
	LOOP ID - IN1					10
N	1300	IN1	Individual Identification	O	1	
	1400	IN2	Individual Name Structure Components	O	5	
	1500	N3	Party Location	O	2	
	1600	N4	Geographic Location	O	1	
	1700	PER	Administrative Communications Contact	O	2	
	1800	DTP	Date or Time or Period	O	1	
	1900	YNQ	Yes/No Question	O	5	
	LOOP ID - REF					100
N	2000	REF	Reference Information	M	1	
	2100	SLI	Specific Loan Information	O	1	
	2200	GR	Guarantee Result Detail	O	1	
	2300	DEF	Delayed Repayment	O	100	

	2400	YNQ	Yes/No Question	O	1000	
	2500	DB	Disbursement Information	O	10	
	2600	DTP	Date or Time or Period	O	500	
	2700	AMT	Monetary Amount Information	O	500	
	LOOP ID - IN1					10
N	2800	IN1	Individual Identification	O	1	
	2900	IN2	Individual Name Structure Components	O	5	
	3000	N3	Party Location	O	2	
	3100	N4	Geographic Location	O	1	
	3200	PER	Administrative Communications Contact	O	2	
	3300	YNQ	Yes/No Question	O	5	
	3400	SE	Transaction Set Trailer	M	1	

Notes

1/0300 Use the ENT loop to identify the borrower, student, last school attended, loan holder, servicer, guarantors and other related entities.

1/1300 Use the IN1 loop to identify the spouse, employer, relatives, references, and certification authorities.

1/2000 Use the REF loop to identify the borrower's student loans.

1/2800 Use the IN1 loop to identify the co-signers, co-makers, endorsers, or prior schools.

194 - Grant or Assistance Application

FUNCTIONAL GROUP=**GT**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Grant or Assistance Application Transaction Set (194) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by organizations submitting applications for grants, cooperative agreements, and other assistance. These applications will typically include project, budget, personnel, descriptive, and other related data.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	DTM	Date/Time Reference	O	>1	
0400	LDT	Lead Time	O	>1	
0500	PWK	Paperwork	O	>1	
LOOP ID - N9					>1
0600	N9	Extended Reference Information	O	1	
0700	L11	Business Instructions and Reference Number	O	>1	
0800	MTX	Text	O	>1	
LOOP ID - NM1					>1
0900	NM1	Individual or Organizational Name	O	1	
1000	N2	Additional Name Information	O	2	
1100	N3	Party Location	O	2	
1200	N4	Geographic Location	O	1	
1300	N9	Extended Reference Information	O	>1	
1400	PER	Administrative Communications Contact	O	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - HL					>1
0100	HL	Hierarchical Level	M	1	
0200	QTY	Quantity Information	O	>1	
0300	AMT	Monetary Amount Information	O	>1	
0500	DTM	Date/Time Reference	O	>1	
0600	PAM	Period Amount	O	>1	
0700	HSD	Health Care Services Delivery	O	>1	
0800	NX1	Property or Entity Identification	O	>1	
0900	YNQ	Yes/No Question	O	>1	
LOOP ID - N9					>1
1000	N9	Extended Reference Information	O	1	
1050	L11	Business Instructions and Reference Number	O	>1	
1100	MTX	Text	O	>1	
LOOP ID - INX					>1

1200	INX	Index Detail	O	1	
1300	K3	File Information	M	>1	
LOOP ID - PO1					>1
1400	PO1	Baseline Item Data	O	1	
1600	MTX	Text	O	>1	
LOOP ID - PPL					>1
1700	PPL	Price Support Data	O	1	
1800	REF	Reference Information	O	>1	
LOOP ID - PD					>1
1900	PD	Pricing Data	O	1	
2000	PDD	Pricing Data Detail	O	>1	
LOOP ID - PL					>1
2100	PL	Proposal Cost Logic	O	1	
2200	REF	Reference Information	O	>1	
2300	AMT	Monetary Amount Information	O	1	
2400	PCT	Percent Amounts	O	1	
2500	QTY	Quantity Information	O	1	
2600	NTE	Note/Special Instruction	O	>1	
LOOP ID - PD					>1
2700	PD	Pricing Data	O	1	
2800	SPI	Specification Identifier	O	1	
2900	REF	Reference Information	O	>1	
3000	PDD	Pricing Data Detail	O	>1	
3100	MTX	Text	O	>1	
3200	DTM	Date/Time Reference	O	10	
LOOP ID - LX					>1
3300	LX	Transaction Set Line Number	O	1	
3400	NM1	Individual or Organizational Name	O	1	
3500	N2	Additional Name Information	O	2	
3600	N3	Party Location	O	2	
3700	N4	Geographic Location	O	1	
3750	PER	Administrative Communications Contact	O	>1	
3800	DMG	Demographic Information	O	>1	
3900	EMS	Employment Position	O	1	
LOOP ID - N9					>1
4000	N9	Extended Reference Information	O	1	
4050	L11	Business Instructions and Reference Number	O	>1	
4100	MTX	Text	O	>1	
LOOP ID - DEG					>1
4200	DEG	Degree Record	O	1	
4300	FOS	Field of Study	O	>1	
4400	N1	Party Identification	O	>1	
LOOP ID - K2					>1
4500	K2	Administrative Message	O	1	

4600	N9	Extended Reference Information	O	>1		
4700	NM1	Individual or Organizational Name	O	>1		
4800	SE	Transaction Set Trailer	M	1		

195 - Federal Communications Commission (FCC) License Application

FUNCTIONAL GROUP=**LA**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Federal Communications Commission (FCC) License Application Transaction Set (195) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides a uniform, singular, transmittal medium between applicants, coordinators, and license granting authorities, for the submission, acknowledgment of new applications, and the resubmittal of corrections to previously transmitted Federal Communications Commission (FCC) License Application.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	DTM	Date/Time Reference	O	>1	
	0400	QTY	Quantity Information	O	>1	
	0500	PWK	Paperwork	O	>1	
	LOOP ID - CRC					>1
	0600	CRC	Conditions Indicator	O	1	
	0700	NTE	Note/Special Instruction	O	>1	
	LOOP ID - AMT					>1
N	0800	AMT	Monetary Amount Information	O	1	
	0900	MSG	Message Text	O	>1	
	LOOP ID - N1					>1
	1000	N1	Party Identification	O	1	
	1100	N2	Additional Name Information	O	3	
	1200	N3	Party Location	O	2	
	1300	N4	Geographic Location	O	1	
	1400	PER	Administrative Communications Contact	O	5	
	1500	QTY	Quantity Information	O	>1	
	1600	MEA	Measurements	O	>1	
	1700	NTE	Note/Special Instruction	O	>1	
	LOOP ID - REF					>1
N	1800	REF	Reference Information	O	1	
	1900	DTM	Date/Time Reference	O	>1	
	2000	MSG	Message Text	O	>1	
	LOOP ID - CRC					>1
N	2100	CRC	Conditions Indicator	O	1	
	2200	REF	Reference Information	O	>1	
	LOOP ID - LM					>1

2300	LM	Code Source Information	O	1	
2400	LQ	Industry Code Identification	M	>1	
2500	QTY	Quantity Information	O	>1	
2600	MSG	Message Text	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - PO1					>1
	0100	PO1	Baseline Item Data	O	1	
	0200	QTY	Quantity Information	O	>1	
	LOOP ID - MEA					>1
	0300	MEA	Measurements	O	1	
	0400	LIE	Individual or Event Location	O	>1	
	LOOP ID - REF					>1
	0500	REF	Reference Information	O	1	
	0600	LIE	Individual or Event Location	O	>1	
	LOOP ID - LM					>1
	0700	LM	Code Source Information	O	1	
	0800	LQ	Industry Code Identification	M	>1	
	0900	MEA	Measurements	O	>1	
	1000	MSG	Message Text	O	>1	
	LOOP ID - N1					>1
	1100	N1	Party Identification	O	1	
	1200	N2	Additional Name Information	O	3	
	1300	N3	Party Location	O	2	
	1400	N4	Geographic Location	O	1	
	LOOP ID - CRC					>1
N	1500	CRC	Conditions Indicator	O	1	
	1600	REF	Reference Information	O	>1	
	1700	DTM	Date/Time Reference	O	>1	
	LOOP ID - LM					>1
	1800	LM	Code Source Information	O	1	
	1900	LQ	Industry Code Identification	M	>1	
	LOOP ID - N1					>1
	2000	N1	Party Identification	O	1	
	2100	N2	Additional Name Information	O	3	
	2200	N3	Party Location	O	2	
	2300	N4	Geographic Location	O	1	
	2400	SE	Transaction Set Trailer	M	1	

Notes

1/0800 The AMT loop can carry various fees and explanations associated with the processing of a Federal Communications Commission (FCC) License Application.

1/1800 The REF loop can carry references to rules and, when applicable, associated statements and eligibility descriptions.

1/2100 The CRC loop answers questions asked in a Federal Communications Commission (FCC) License Application and associates reference numbers to answers given.

2/1500 The CRC loop answers questions asked about the details of a Federal Communications Commission (FCC) License Application and associates reference numbers and dates to the answers given.

196 - Contractor Cost Data Reporting

FUNCTIONAL GROUP=**PK**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Contractor Cost Data Reporting Transaction Set (196) for use within the context of an Electronic Data Interchange (EDI) environment.

This transaction set can be used to support contractor cost reporting requirements for actual costs and estimates at completion associated with major research and development (R&D) and production contracts or programs. This includes nonrecurring and recurring costs by work breakdown structure elements summarizing all activities on a contract or proposal; non recurring and recurring functional cost or hour categories for selected work breakdown structure elements; progress curve (learning curve) information detailing unit or average lot data by functional cost or hour categories; and summary contractor business base information such as indirect expenses, rates, and resources. This information can be used to evaluate contractor proposals, make cost projections of a given program, develop historical data bases to develop statistical techniques, and make independent cost analysis of new acquisitions. This transaction set can be used to convey proposed, initial, progress, updated, or final (end of contract) cost information.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BCM	Beginning Segment for Contractor Cost Data Reporting	M	1	
0300	DTP	Date or Time or Period	O	>1	
0400	REF	Reference Information	O	>1	
LOOP ID - N1					>1
0600	N1	Party Identification	M	1	
0700	N2	Additional Name Information	O	2	
0800	N3	Party Location	O	2	
0900	N4	Geographic Location	O	1	
LOOP ID - G61					>1
1000	G61	Contact	O	1	
1100	DTM	Date/Time Reference	O	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - HL					>1
0100	HL	Hierarchical Level	M	1	
0200	CRT	Contractor Report Type	O	1	
0300	BSD	Breakdown Structure Description	O	1	
0400	CLI	Cost Line Item	O	1	
0500	CAL	Calendar	O	1	
0600	REF	Reference Information	O	>1	

0700	AMT	Monetary Amount Information	O	>1	
0800	QTY	Quantity Information	O	>1	
0900	RPA	Rate Amounts or Percents	O	>1	
1000	PCT	Percent Amounts	O	>1	
1100	DTM	Date/Time Reference	O	>1	
1200	PID	Product/Item Description	O	>1	
1300	MEA	Measurements	O	>1	
1400	MSG	Message Text	O	>1	
LOOP ID - PD					>1
1500	PD	Pricing Data	O	1	
1600	REF	Reference Information	O	>1	
1700	PDD	Pricing Data Detail	O	>1	
1800	MSG	Message Text	O	>1	
2000	SE	Transaction Set Trailer	M	1	

197 - Real Estate Title Evidence

FUNCTIONAL GROUP=**TO**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Real Estate Title Evidence Transaction Set (197) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to transfer the data contained in standard Title Reports, Title Commitments, and Title Policy Forms of the American Land Title Association, as well as the corresponding State Forms or other title evidence formats indicating the results of the title examination process.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - N1					5
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
N	0700	REF	Reference Information	O	12	
	0800	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - PID					>1
N	0100	PID	Product/Item Description	M	1	
N	0200	REF	Reference Information	M	12	
	0300	DTP	Date or Time or Period	O	1	
	0400	MSG	Message Text	O	>1	
	LOOP ID - NM1					5
N	0500	NM1	Individual or Organizational Name	O	1	
	0600	N2	Additional Name Information	O	1	
	0700	N3	Party Location	O	1	
	0800	N4	Geographic Location	O	1	
	LOOP ID - EFI					>1
	0900	EFI	Electronic Format Identification	O	1	
	1000	BIN	Binary Data Segment	O	1	
	LOOP ID - NX1					>1
N	1100	NX1	Property or Entity Identification	O	1	
	1200	NX2	Location ID Component	O	>1	
	1300	PDS	Property Description/Legal Description	O	20	
	1400	PDE	Property Metes and Bounds Description	O	>1	
	LOOP ID - FGS					10
N	1500	FGS	Form Group	M	1	
	1600	DTP	Date or Time or Period	O	2	

	1700	FPT	Financial Participation	O	1	
	1800	MSG	Message Text	O	>1	
	1900	N9	Extended Reference Information	O	>1	
	LOOP ID - IN1					>1
N	2000	IN1	Individual Identification	O	1	
	2100	IN2	Individual Name Structure Components	O	30	
N	2200	AMT	Monetary Amount Information	O	2	
	2300	M1	Insurance	O	1	
	2400	MSG	Message Text	O	10	
	LOOP ID - LQ					>1
N	2500	LQ	Industry Code Identification	O	1	
	2600	DTP	Date or Time or Period	O	3	
	2700	REF	Reference Information	O	>1	
	2800	MSG	Message Text	O	>1	
	LOOP ID - IN1					>1
N	2900	IN1	Individual Identification	O	1	
	3000	IN2	Individual Name Structure Components	O	30	
	3100	M1	Insurance	O	20	
	3200	MSG	Message Text	O	4	
	LOOP ID - LX					1
	3300	LX	Transaction Set Line Number	O	1	
	3400	G86	Signature Identification	O	1	
	3500	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The N1 Loop is used to indicate the party sending and receiving the title evidence. This may be a title agent, underwriter, or other office that prepares title evidences.

1/0700 The REF Segment contains the reference numbers of the sending and receiving parties.

2/0100 The PID Loop contains the type and content of the title evidence.

2/0200 The REF Segment contains title evidence numbers.

2/0500 The NM1 Loop provides for the transmission of signature, authorization, corporate seal images, and information.

2/1100 The NX1 Loop is used to provide both an address and legal description for the subject property.

2/1500 The FGS Loop provides for the description of individual schedules within a certain form of title evidence.

2/2000 The IN1 Loop provides title vesting, liability, premium, and information on the insured.

2/2200 The AMT segment provides details on the liability and premium amounts associated with the title insurance product.

2/2500 The LQ Loop provides for the description of title exceptions, requirements, and other specific elements of the title evidence document.

2/2900 The IN1 Loop is the name associated with the title exception.

198 - Loan Verification Information

FUNCTIONAL GROUP=**ME**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Loan Verification Information Transaction Set (198) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to request, validate, or exchange standard loan verification information among entities involved in the loan life-cycle. These entities may include lenders, employers, depository institutions, credit agencies, investors, mortgage insurance companies, and so on.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - N1					>1
N	0300	N1	Party Identification	O	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	REF	Reference Information	O	1	
	0800	PER	Administrative Communications Contact	O	5	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - IN1					>1
N	0100	IN1	Individual Identification	M	1	
	0200	IN2	Individual Name Structure Components	M	10	
	0300	N3	Party Location	O	2	
	0400	N4	Geographic Location	O	1	
	0500	REF	Reference Information	O	5	
	LOOP ID - API					>1
N	0600	API	Activity or Process Information	M	1	
	LOOP ID - N1					>1
N	0700	N1	Party Identification	M	1	
	0800	N2	Additional Name Information	O	2	
	0900	N3	Party Location	O	2	
	1000	N4	Geographic Location	O	1	
	1100	REF	Reference Information	O	5	
N	1200	PER	Administrative Communications Contact	O	1	
N	1300	AIN	Income	O	5	
	1400	DTP	Date or Time or Period	O	1	
	LOOP ID - PWK					>1
N	1500	PWK	Paperwork	O	1	
N	1600	PER	Administrative Communications Contact	O	1	
N	1700	EMS	Employment Position	O	1	

N	1800	NTE	Note/Special Instruction	O	10	
	1900	DTP	Date or Time or Period	O	4	
	2000	REF	Reference Information	O	5	
LOOP ID - AIN						>1
N	2100	AIN	Income	O	1	
	2200	DTP	Date or Time or Period	O	1	
LOOP ID - NX1						>1
N	2300	NX1	Property or Entity Identification	O	1	
	2400	NX2	Location ID Component	O	10	
	2500	ACT	Account Identification	O	1	
	2600	NM1	Individual or Organizational Name	O	10	
	2700	PRD	Mortgage Loan Product Description	O	1	
	2800	PEX	Property or Housing Expense	O	10	
	2900	AMT	Monetary Amount Information	O	5	
	3000	QTY	Quantity Information	O	5	
N	3100	YNQ	Yes/No Question	O	5	
	3200	DTP	Date or Time or Period	O	10	
	3300	MSG	Message Text	O	20	
LOOP ID - FAA						>1
N	3400	FAA	Financial Asset Account	O	1	
	3500	NM1	Individual or Organizational Name	O	5	
	3700	QTY	Quantity Information	O	1	
	3900	MSG	Message Text	O	20	
LOOP ID - DTP						>1
	3930	DTP	Date or Time or Period	O	1	
	3960	AMT	Monetary Amount Information	O	1	
LOOP ID - CDA						>1
N	4000	CDA	Consumer Credit Account	O	1	
	4100	NM1	Individual or Organizational Name	O	5	
	4200	QTY	Quantity Information	O	1	
	4300	DTP	Date or Time or Period	O	20	
	4400	MSG	Message Text	O	20	
	4500	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The N1 loop is used to identify the requestor, respondent, forwarder, and/or any bill-to information.

2/0100 The IN1 loop is used to identify the applicant(s) or borrower(s).

2/0600 The API loop is used to indicate the type of verification.

2/0700 The N1 loop is used to identify the verification entity, i.e., Holder of Account, Income Provider.

2/1200 The PER segment is used to provide contact information for person supplying highest verified income.

2/1300 The AIN segment is used to indicate the highest verified income.

2/1500 The PWK segment is used to define the source documentation used for the verification.

2/1600 The PER segment is used to provide contact information for person supplying or recording verification information.

2/1700 The EMS segment is used to flag current versus previous employment and also indicates the position held.
2/1800 The NTE segment is used to describe a leave of absence or reason for leaving.
2/2100 The AIN loop is used to provide detailed income information.
2/2300 The NX1 loop is used to provide detailed rental or mortgage information.
2/3100 The YNQ segment is used to answer questions relating to the status of a mortgage account.
2/3400 The FAA loop is used to provide detailed deposit information.
2/4000 The CDA loop is used to provide detailed loan information.

199 - Real Estate Settlement Information

FUNCTIONAL GROUP=**TO**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Real Estate Settlement Information Transaction Set (199) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to transfer real estate settlement information among mortgage lenders, real estate closing agents, and other interested parties.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - N1					5
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
N	0700	REF	Reference Information	O	12	
	0800	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LX					>1
N	0900	LX	Transaction Set Line Number	M	1	
N	1000	REF	Reference Information	M	12	
	1100	LRQ	Mortgage Characteristics Requested	O	1	
	1200	LN1	Loan Specific Data	O	1	
N	1300	DTM	Date/Time Reference	O	2	
N	1400	III	Information	O	5	
N	1500	NTE	Note/Special Instruction	O	>1	
	LOOP ID - NX1					>1
N	1600	NX1	Property or Entity Identification	O	1	
	1700	NX2	Location ID Component	O	30	
	1800	PDS	Property Description/Legal Description	O	20	
	1900	PDE	Property Metes and Bounds Description	O	>1	
	LOOP ID - IN1					>1
N	2000	IN1	Individual Identification	O	1	
	2100	IN2	Individual Name Structure Components	O	30	
	2200	N3	Party Location	O	2	
	2300	N4	Geographic Location	O	1	
	2400	PER	Administrative Communications Contact	O	4	
	LOOP ID - FGS					>1
N	2500	FGS	Form Group	O	1	
	LOOP ID - AMT					>1

N	2600	AMT	Monetary Amount Information	O	1		
N	2700	YNQ	Yes/No Question	O	1		
N	2800	NM1	Individual or Organizational Name	O	1		
N	2900	NTE	Note/Special Instruction	O	1		
N	3000	DTP	Date or Time or Period	O	2		
N	3100	QTY	Quantity Information	O	1		
N	3200	PCT	Percent Amounts	O	1		
	3300	SE	Transaction Set Trailer	M	1		

Notes

1/0300 The N1 Loop allows for transmission of information regarding the parties that are sending and receiving the transmission. It can also be used for sending static information regarding the lender, settlement agent, etc. that would hold true for all of the transactions in the transaction file.

1/0700 The REF Segment is used for identifying information further identifying the sender, receiver, or parties identified in the transmission (lender, settlement agent, title underwriter, etc.). This may be a service location, customer/vendor number, contract number, tax identification number, branch identification, etc.

2/0900 The LX Loop allows for the transmission of settlement information for several different real estate transactions to be grouped with a single transmission.

2/1000 The REF Segment is used for identifying the loan number, the settlement agent's identifying number, settlement location identification, title underwriter's policy number, mortgage broker's file number, folder number, etc. for the transaction.

2/1300 The DTM Segment identifies the settlement and disbursement dates.

2/1400 The III Segment identifies the version of the HUD-1 form that is being used for the transaction.

2/1500 The MSG Segment is for designating any specific closing instructions, i.e. documents to be returned, endorsements to be issued, etc.

2/1600 The NX1 Loop is for identifying the street address for the property involved in the transaction or if a street address does not exist, then the legal description can be used.

2/2000 The IN1 Loop is used for identifying the buyers, sellers, lenders, and settlement agents that are party to the transaction.

2/2500 The FGS Loop is used for identifying the various charges and disbursements of funds as part of the real estate closing. These charges are identified by the line number of the charge as they exist on either the HUD-1 or HUD1A forms required by the Real Estate Settlement Procedures Act (RESPA).

2/2600 The AMT Segment is used to represent the dollar amounts involved in the settlement charge. This may be one of the following: a total for a charge, a proration amount used to calculate the charge, or a distribution of the charge. The AMT03 qualifier (debt/credit flag), is used to identify whether the charge is to the buyer or the seller. If it is a debit, the charge is to the buyer, if it is a credit the charge is to the seller.

2/2700 The YNQ Segment is used to identifying whether the charge was paid outside of the closing and does not need to be disbursed by the settlement agent. A "Y" means that the charge was paid outside of the closing.

2/2800 The NM1 Segment is used to specify a payee for a settlement charge.

2/2900 The NTE Segment is used for identifying a description of the charge.

2/3000 The DTP Segment is used to identify beginning and ending dates for prorated charges.

2/3100 The QTY Segment is used to identify the amount of time to be used when calculating prorations.

2/3200 The PCT Segment is used to identify commission rates, loan origination fees (points), and any other charges needing a percentage rate calculation.

200 - Mortgage Credit Report

FUNCTIONAL GROUP=**ME**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Mortgage Credit Report Transaction Set (200) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to transmit the data that comprises a mortgage credit report. It is the electronic response to the Mortgage Credit Report Order Transaction Set (833).

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	CRO	Credit Report Order Details	M	1	
	0350	AAA	Request Validation	O	5	
N	0400	DTP	Date or Time or Period	O	5	
N	0500	REF	Reference Information	O	>1	
N	0600	AMT	Monetary Amount Information	O	3	
	0700	NX1	Property or Entity Identification	O	1	
	0800	NX2	Location ID Component	O	10	
	LOOP ID - N1					20
N	0900	N1	Party Identification	M	1	
	1000	N2	Additional Name Information	O	2	
	1100	N3	Party Location	O	2	
	1200	N4	Geographic Location	O	1	
	1300	REF	Reference Information	O	3	
	1400	PER	Administrative Communications Contact	O	5	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LX					2
	0100	LX	Transaction Set Line Number	M	1	
N	0200	REF	Reference Information	O	1	
	LOOP ID - IN1					15
N	0300	IN1	Individual Identification	M	1	
	0400	IN2	Individual Name Structure Components	O	10	
	0500	DMG	Demographic Information	O	1	
N	0600	N10	Quantity and Description	O	1	
	0700	PER	Administrative Communications Contact	O	3	
N	0800	QTY	Quantity Information	O	15	
N	0900	YNQ	Yes/No Question	O	1	
N	1000	NTE	Note/Special Instruction	O	20	
	LOOP ID - NX1					10
N	1100	NX1	Property or Entity Identification	M	1	
	1200	NX2	Location ID Component	O	10	

	1300	DTP	Date or Time or Period	O	1	
	1400	N10	Quantity and Description	O	1	
	1500	ARS	Applicant Residence Specifics	O	1	
N	1600	YNQ	Yes/No Question	O	1	
	1700	NTE	Note/Special Instruction	O	20	
	LOOP ID - N1					20
N	1800	N1	Party Identification	O	1	
	1900	N2	Additional Name Information	O	2	
	2000	N3	Party Location	O	2	
	2100	N4	Geographic Location	O	1	
	2200	REF	Reference Information	O	1	
	2300	PER	Administrative Communications Contact	O	4	
	2400	DTP	Date or Time or Period	O	1	
N	2500	YNQ	Yes/No Question	O	1	
	2600	NTE	Note/Special Instruction	O	20	
	LOOP ID - SOI					5
	2700	SOI	Source of Income	O	1	
	2800	EMS	Employment Position	O	1	
	2900	DTP	Date or Time or Period	O	1	
	2950	N10	Quantity and Description	O	1	
N	3000	YNQ	Yes/No Question	O	1	
	LOOP ID - AIN					7
	3100	AIN	Income	O	1	
N	3200	YNQ	Yes/No Question	O	1	
	LOOP ID - TLN					1000
	3300	TLN	Tradeline	O	1	
N	3400	N1	Party Identification	M	1	
	3500	N2	Additional Name Information	O	2	
	3600	N3	Party Location	O	2	
	3700	N4	Geographic Location	O	1	
	3800	REF	Reference Information	O	1	
	3900	PER	Administrative Communications Contact	O	4	
	4000	DTP	Date or Time or Period	O	7	
	4100	TBI	Trade Line Bureau Identifier	O	5	
	4200	PPD	Payment Pattern Details	O	15	
	4300	NTE	Note/Special Instruction	O	20	
	4350	YNQ	Yes/No Question	O	10	
	LOOP ID - AMT					6
	4400	AMT	Monetary Amount Information	O	1	
	4500	NTE	Note/Special Instruction	O	20	
	LOOP ID - RO					500
	4600	RO	Public Record or Obligation	O	1	
	4700	CDS	Case Description	O	1	
	4800	TBI	Trade Line Bureau Identifier	O	5	
	4900	DTP	Date or Time or Period	O	10	
	5000	NTE	Note/Special Instruction	O	20	

	5050	YNQ	Yes/No Question	O	10	
LOOP ID - AMT						6
	5100	AMT	Monetary Amount Information	O	1	
	5200	NTE	Note/Special Instruction	O	20	
LOOP ID - N1						5
N	5300	N1	Party Identification	M	1	
	5400	N2	Additional Name Information	O	2	
	5500	N3	Party Location	O	2	
	5600	N4	Geographic Location	O	1	
LOOP ID - CCI						5
	5700	CCI	Credit Counseling Information	O	1	
	5800	DTP	Date or Time or Period	O	3	
	5900	MSG	Message Text	O	4	
LOOP ID - INQ						100
N	6000	INQ	Credit Inquiry Details	O	1	
	6100	TBI	Trade Line Bureau Identifier	O	5	
	6200	N1	Party Identification	O	1	
	6300	N2	Additional Name Information	O	2	
	6400	N3	Party Location	O	2	
	6500	N4	Geographic Location	O	1	
	6600	PER	Administrative Communications Contact	O	2	
	6700	DTP	Date or Time or Period	O	1	
N	6800	YNQ	Yes/No Question	O	10	
	6900	NTE	Note/Special Instruction	O	20	
LOOP ID - VAR						25
N	7000	VAR	Credit File Variation	O	1	
	7100	NTE	Note/Special Instruction	O	50	
	7200	IN1	Individual Identification	O	1	
	7300	IN2	Individual Name Structure Components	O	10	
	7400	DMG	Demographic Information	O	1	
	7500	N10	Quantity and Description	O	1	
LOOP ID - NX1						10
	7600	NX1	Property or Entity Identification	O	1	
	7700	NX2	Location ID Component	O	10	
LOOP ID - N1						>1
	7800	N1	Party Identification	O	1	
	7900	N2	Additional Name Information	O	2	
	8000	N3	Party Location	O	2	
	8100	N4	Geographic Location	O	1	
	8200	REF	Reference Information	O	1	
	8300	PER	Administrative Communications Contact	O	2	
	8400	EMS	Employment Position	O	1	
	8500	DTP	Date or Time or Period	O	2	
LOOP ID - SCM						>1

N	8600	SCM	Credit Score Model	O	1	
	8700	SCS	Credit Score	O	5	
	8800	LS	Loop Header	O	1	
	LOOP ID - NTE					20
	8900	NTE	Note/Special Instruction	O	1	
	9000	TBI	Trade Line Bureau Identifier	O	5	
	9100	MSG	Message Text	O	>1	
	9200	LE	Loop Trailer	O	1	
	9220	LS	Loop Header	O	1	
	LOOP ID - REF					>1
N	9230	REF	Reference Information	O	1	
N	9240	G32	Survey Question Response	M	>1	
	9250	NTE	Note/Special Instruction	O	1	
	9260	LE	Loop Trailer	O	1	
	9300	SE	Transaction Set Trailer	M	1	

Notes

1/0400 The DTP segment is used to state the original release and last-ordered date.
1/0500 The REF segment is used to state order, case, loan, and data-authentication numbers.
1/0600 The AMT segment records charges for a credit report.
1/0900 The N1 loop is used to describe reporting agency, requestor, repository, and bill-to-info information.
2/0200 The REF segment is used to record an internal control number.
2/0300 The IN1 loop describes applicant's name and aliases.
2/0600 The N10 segment is used to indicate age in number of years or text.
2/0800 The QTY segment is used to state the number and age of dependents.
2/0900 The YNQ segment indicates whether or not the applicant has been interviewed.
2/1000 The NTE segment is used to report any interview comments.
2/1100 The NX1 loop describes details of applicant's current and previous addresses.
2/1600 The YNQ segment indicates whether or not the rent has been verified.
2/1800 The N1 loop describes the names of current and previous employers, tenants, and nonemployment income sources.
2/2500 The YNQ segment indicates whether or not the employer has been verified.
2/3000 The YNQ segment indicates whether or not the position has been verified.
2/3200 The YNQ segment indicates whether or not the income has been verified.
2/3400 The N1 segment is used to state the credit grantor name.
2/5300 The N1 segment is used to state the court, attorney, or garnishee name.
2/6000 The INQ loop details credit inquiries.
2/6800 The YNQ segment indicates whether or not the inquiry has been verified.
2/7000 The VAR loop describes any variations discovered between credit files.
2/8600 The SCM loop describes credit scoring specifics.
2/9230 The REF loop is used to convey summarized credit information.
2/9240 The G32 segment is used to convey summarized credit details.

201 - Residential Loan Application

FUNCTIONAL GROUP=**ME**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Residential Loan Application Transaction Set (201) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to transfer the data contained in the Uniform Residential Loan Application between mortgage lenders, mortgage service vendors, insurance companies, credit reporting agencies and secondary market organizations. It can also be used, in conjunction with other transaction sets, to provide information needed to obtain an automated underwriting decision from a residential real estate automated underwriting system.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - N1					5
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	REF	Reference Information	O	1	
	0800	PER	Administrative Communications Contact	O	5	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LRQ					>1
N	0100	LRQ	Mortgage Characteristics Requested	M	1	
	0200	REF	Reference Information	M	>1	
N	0300	YNQ	Yes/No Question	M	>1	
	0400	N1	Party Identification	M	1	
	0500	N2	Additional Name Information	O	2	
	0600	III	Information	O	>1	
	0700	DTP	Date or Time or Period	O	1	
	0800	RES	Real Estate Sales Price Change	O	>1	
	0900	MCD	Mortgage Closing Data	O	1	
	0920	SOM	Status of Mortgage	O	1	
	0950	NTE	Note/Special Instruction	O	>1	
	0960	LIN	Item Identification	O	>1	
	0970	BEP	Borrower Education Program	O	1	
	LOOP ID - NX1					10
N	1000	NX1	Property or Entity Identification	O	1	
	1100	NX2	Location ID Component	M	30	
	1200	REA	Real Estate Property Information	O	1	
	1300	PDS	Property Description/Legal Description	O	10	

	1400	PDE	Property Metes and Bounds Description	O	50	
	1410	QTY	Quantity Information	O	>1	
N	1420	YNQ	Yes/No Question	O	>1	
	LOOP ID - PEX					20
N	1500	PEX	Property or Housing Expense	M	1	
	1600	MSG	Message Text	O	1	
	LOOP ID - AMT					>1
N	1700	AMT	Monetary Amount Information	O	1	
	1800	MSG	Message Text	O	1	
	1810	PCT	Percent Amounts	O	>1	
	LOOP ID - IN1					15
N	1900	IN1	Individual Identification	M	1	
	2000	IN2	Individual Name Structure Components	M	10	
	2100	YNQ	Yes/No Question	M	19	
	2200	DTP	Date or Time or Period	O	3	
	2300	REF	Reference Information	O	>1	
	2400	AMT	Monetary Amount Information	O	>1	
	2500	DMG	Demographic Information	O	1	
	2600	N10	Quantity and Description	O	1	
	2700	MSG	Message Text	O	1	
	2800	PER	Administrative Communications Contact	O	1	
	2900	QTY	Quantity Information	O	>1	
	3000	FTH	First Time Home Buyer	O	1	
	3200	PPY	Personal Property Description	O	20	
	LOOP ID - AIN					>1
N	3210	AIN	Income	O	1	
N	3220	YNQ	Yes/No Question	O	>1	
	LOOP ID - PEX					20
N	3800	PEX	Property or Housing Expense	O	1	
	3900	MSG	Message Text	O	1	
	LOOP ID - NX1					10
N	4000	NX1	Property or Entity Identification	O	1	
	4100	NX2	Location ID Component	M	30	
	4200	N10	Quantity and Description	O	1	
	4300	ARS	Applicant Residence Specifics	O	1	
	LOOP ID - N1					20
N	4400	N1	Party Identification	O	1	
	4500	N2	Additional Name Information	O	2	
	4600	N3	Party Location	O	2	
	4700	N4	Geographic Location	O	1	
	4800	PER	Administrative Communications Contact	O	1	
N	4900	YNQ	Yes/No Question	O	1	
	5000	EMS	Employment Position	O	1	
	5100	QTY	Quantity Information	O	>1	

	5300	AMT	Monetary Amount Information	O	1	
LOOP ID - REA						**20**
N	5400	REA	Real Estate Property Information	O	1	
	5500	AMT	Monetary Amount Information	M	6	
	5600	NX1	Property or Entity Identification	M	1	
	5700	NX2	Location ID Component	M	30	
LOOP ID - NM1						**20**
N	5750	NM1	Individual or Organizational Name	O	1	
	5790	ACT	Account Identification	O	10	
LOOP ID - CDA						**100**
N	5800	CDA	Consumer Credit Account	O	1	
N	5900	YNQ	Yes/No Question	O	>1	
	6000	N1	Party Identification	O	1	
	6100	N2	Additional Name Information	O	2	
	6200	N3	Party Location	O	2	
	6300	N4	Geographic Location	O	1	
	6400	PER	Administrative Communications Contact	O	1	
	6410	CRC	Conditions Indicator	O	>1	
LOOP ID - FAA						**100**
N	6500	FAA	Financial Asset Account	O	1	
	6600	N1	Party Identification	O	1	
	6700	N2	Additional Name Information	O	2	
	6800	N3	Party Location	O	2	
	6900	N4	Geographic Location	O	1	
	7000	PER	Administrative Communications Contact	O	1	
	7040	MSG	Message Text	O	1	
	7050	LS	Loop Header	O	1	
LOOP ID - AMT						**10**
N	7100	AMT	Monetary Amount Information	O	1	
	7200	MSG	Message Text	O	1	
	7210	QTY	Quantity Information	O	1	
N	7220	YNQ	Yes/No Question	O	1	
	7250	LE	Loop Trailer	O	1	
LOOP ID - LX						**>1**
N	7300	LX	Transaction Set Line Number	M	1	
	7400	N1	Party Identification	O	1	
	7500	N2	Additional Name Information	O	2	
	7600	N3	Party Location	O	2	
	7700	N4	Geographic Location	O	1	
	7800	PER	Administrative Communications Contact	O	>1	
	7900	DTP	Date or Time or Period	O	1	
	8000	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The N1 loop identifies the sending and receiving parties such as the mortgage company, loan broker, service bureau mortgage insurer, etc.
2/0100 The LRQ loop contains requested loan, borrower and subject property information. One iteration equals one loan application.
2/0300 The YNQ segment is used to determine whether or not improvements have been made, whether or not they are complete, or whether or not the mortgage is eligible for a special mortgage program.
2/1000 The NX1 loop contains information about the subject property.
2/1420 The YNQ segment is used to describe specific subject property attributes. (e.g. Is this an energy efficient home? Is the property in a government approved condominium project?)
2/1500 The PEX loop provides the proposed monthly housing expenses.
2/1700 The AMT loop contains financing terms, refinance and construction loan information.
2/1900 The IN1 loop identifies the borrower(s) and their asset and liability information.
2/3210 The AIN loop provides information about the borrower's income.
2/3220 The YNQ segment determines the income's relationship to its source or the taxability of the income. A "Y" means that the income is from a primary source or is taxable. A "N" means the income is from a secondary source or is not taxable.
2/3800 The PEX loop provides current housing expense information.
2/4000 The NX1 loop provides the applicant's current and previous residence information.
2/4400 The N1 loop provides the applicant's current and previous employment information.
2/4900 The YNQ segment determines whether or not a borrower is self employed. A "Y" indicates that the borrower is self employed.
2/5400 The REA loop provides information about other properties owned.
2/5750 The NM1 loop provides alias information used to obtain credit.
2/5800 The CDA loop provides consumer credit account information.
2/5900 The YNQ segment determines whether or not a liability will be satisfied by the sale of owned real estate or by refinancing a current loan, if the liability has a co-signer, or if the liability is subordinated. A "Y" means that the liability will be satisfied by a sale or refinance, that the liability has a co-signer, or that the liability is resubordinated.
2/6500 The FAA loop provides financial asset information.
2/7100 The AMT loop provides alimony and child support income and expense information along with job related, liability, and other expense information.
2/7220 The YNQ segment determines how the Federal Housing Administration (FHA) treats alimony in the home purchase process. A "Y" indicates that alimony will be treated as a reduction to total income. A "N" indicates that alimony will be included in the aggregate of obligations.
2/7300 The LX loop contains information about the interviewer who obtained the loan application data and other parties to the real estate transaction.

202 - Secondary Mortgage Market Loan Delivery

FUNCTIONAL GROUP=**MJ**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Secondary Mortgage Market Loan Delivery Transaction Set (202) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to report mortgage loan information (i.e., borrower, property, underwriting information, etc.) among mortgage lenders, mortgage service vendors, and secondary mortgage market organizations.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	TRN	Trace	O	1	
	0400	DTP	Date or Time or Period	O	1	
	LOOP ID - N1					5
N	0500	N1	Party Identification	O	1	
	0600	N2	Additional Name Information	O	1	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	0900	REF	Reference Information	O	3	
	1000	PER	Administrative Communications Contact	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - N9					>1
N	0100	N9	Extended Reference Information	M	1	
	LOOP ID - DEX					>1
N	0200	DEX	Delivery Execution Information	M	1	
N	0300	REF	Reference Information	M	15	
	0400	CN1	Contract Information	O	1	
	0500	PCT	Percent Amounts	O	10	
	0600	INT	Interest	O	10	
	0700	AMT	Monetary Amount Information	O	4	
N	0800	QTY	Quantity Information	O	5	
N	0900	MPP	Mortgage Pool Program	O	1	
	1000	DTP	Date or Time or Period	O	10	
	1100	III	Information	O	15	
	LOOP ID - ASM					>1
N	1200	ASM	Amount and Settlement Method	O	1	
	1300	N1	Party Identification	O	1	
	1400	REF	Reference Information	O	5	
	LOOP ID - NM1					>1
N	1500	NM1	Individual or Organizational Name	M	1	

LOOP ID - LX						**>1**
N	1600	LX	Transaction Set Line Number	M	1	
	1700	REF	Reference Information	O	15	
	1800	AMT	Monetary Amount Information	O	20	
	1900	DTP	Date or Time or Period	O	5	
N	2000	YNQ	Yes/No Question	O	10	
N	2100	QTY	Quantity Information	O	5	
	2200	N1	Party Identification	O	6	
	2300	III	Information	O	50	
	2400	LUC	Loan Underwriting	O	1	
	2500	RLD	Down Payment Data	O	50	
	2600	INT	Interest	O	6	
	2700	PPD	Payment Pattern Details	O	1	
	2800	PWK	Paperwork	O	2	
	2900	BUY	Loan Buydown	O	1	
	3000	PEX	Property or Housing Expense	O	10	
	3100	BEP	Borrower Education Program	O	2	
LOOP ID - IGI						**>1**
N	3200	IGI	Insurer or Guarantor Information	O	1	
	3300	REF	Reference Information	O	1	
	3400	PCT	Percent Amounts	O	10	
LOOP ID - NX1						**>1**
N	3500	NX1	Property or Entity Identification	O	1	
	3600	NX2	Location ID Component	O	15	
	3700	REA	Real Estate Property Information	O	1	
	3800	PDS	Property Description/Legal Description	O	2	
LOOP ID - LN1						**5**
N	3900	LN1	Loan Specific Data	O	1	
N	4000	YNQ	Yes/No Question	O	1	
	4100	DTP	Date or Time or Period	O	5	
	4200	REF	Reference Information	O	10	
LOOP ID - CRC						**>1**
N	4300	CRC	Conditions Indicator	O	1	
N	4400	IN1	Individual Identification	O	1	
	4500	IN2	Individual Name Structure Components	O	30	
	4600	DMG	Demographic Information	O	1	
N	4700	QTY	Quantity Information	O	10	
	4800	N1	Party Identification	O	1	
N	4900	YNQ	Yes/No Question	O	5	
	5000	AIN	Income	O	10	
	5100	AMT	Monetary Amount Information	O	15	
LOOP ID - SCM						**>1**
N	5200	SCM	Credit Score Model	O	1	
	5300	SCS	Credit Score	O	5	
LOOP ID - PAM						**4**

N	5400	PAM	Period Amount	O	1				
N	5500	YNQ	Yes/No Question	M	1				
	5600	REF	Reference Information	M	1				
	LOOP ID - UWI					5			
N	5700	UWI	Underwriting Information	O	1				
	5800	III	Information	O	10				
	5900	REF	Reference Information	O	1				
	6000	MSG	Message Text	O	>1				

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

1/0500 The N1 Loop is used to identify the sender and receiver information.

2/0100 The N9 segment identifies the issuer reference number or originator of the mortgage reference number.

2/0200 The DEX Loop is used to report loan delivery execution and contract data for mortgage loans.

2/0300 The REF segment identifies the subservicer number, master contract number, contract number, and pool number for the loans being delivered.

2/0800 The QTY segment is used to report contract information such as commitment period, contract buyup and buydown.

2/0900 The MPP segment identifies Government National Mortgage Association (GNMA) and Fannie Mae (FNMA) pool information.

2/1200 The ASM Loop is used to identify wire instructions, proceed amounts and account numbers associated with the contract or pool funding.

2/1500 The NM1 segment identifies the document custodian of the mortgage.

2/1600 The LX Loop is used to identify mortgage loan level information.

2/2000 The YNQ segment is used to answer questions about the loan such as third party originated, capitalized mortgage, property covered by flood insurance, etc.

2/2100 The QTY segment is used to report the number of borrowers, guaranty fee rates, or buyup or buydown rates.

2/3200 The IGI loop is used to identify information associated with mortgage insurance including the mortgage insurance certificate numbers.

2/3500 The NX1 loop is used to describe the characteristics of the subject property.

2/3900 The LN1 loop is used for high level and subordinate loan level information.

2/4000 The YNQ segment identifies if a subject lien is involved.

2/4300 The CRC Loop is used to identify the borrower and co-borrower information at either the summary loan level or the individual borrower level.

2/4400 The IN1 segment identifies the borrower and co-borrower name.

2/4700 The QTY segment is used to report borrower age, years employed by company, total other properties owned and financed, or total number of dependents.

2/4900 The YNQ segment identifies whether the borrower is self employed or a non-occupant co-borrower.

2/5200 The SCM loop is used to capture credit scoring information for borrower and co-borrower.

2/5400 The PAM Loop is used to identify the number of bedrooms in each unit of the property and gross rental income per unit.

2/5500 The YNQ segment determines whether the unit should be counted as an efficiency or studio.

2/5700 The UWI Loop is used to identify automated underwriting system information.

3/0100 The CTT segment is used to provide summary information on the number of loans in delivery. It is the count of the number of iterations of the LX loop. Each LX loop defines a single loan.

203 - Secondary Mortgage Market Investor Report

FUNCTIONAL GROUP=**MG**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Secondary Mortgage Market Investor Report Transaction Set (203) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used for the transfer and reporting of mortgage servicing information between mortgage servicers, mortgage service bureaus, and secondary mortgage market organizations.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	DTP	Date or Time or Period	M	1	
N	0400	REF	Reference Information	M	1	
	LOOP ID - N1					5
N	0500	N1	Party Identification	O	1	
	0600	N2	Additional Name Information	O	1	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	0900	PER	Administrative Communications Contact	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LX					>1
	0100	LX	Transaction Set Line Number	M	1	
N	0200	REF	Reference Information	O	4	
	0300	MPP	Mortgage Pool Program	O	1	
	0400	AMT	Monetary Amount Information	O	10	
	0450	INT	Interest	O	2	
	0470	QTY	Quantity Information	O	5	
	0480	DTM	Date/Time Reference	O	5	
	LOOP ID - RLT					>1
	0500	RLT	Real Estate Loan Type	O	1	
N	0600	DTP	Date or Time or Period	M	3	
N	0700	AMT	Monetary Amount Information	M	8	
	0800	IRA	Investor Reporting Action	O	1	
	0900	INT	Interest	O	2	
N	1000	PRC	Payment Rate Change	O	3	
	1100	NX2	Location ID Component	O	10	
	1150	LQ	Industry Code Identification	O	5	
	LOOP ID - N1					1
	1200	N1	Party Identification	O	1	
	1300	N2	Additional Name Information	O	1	
N	1400	DTP	Date or Time or Period	O	2	

N	1600	YNQ	Yes/No Question	O	>1			
LOOP ID - AMT						>1		
N	1700	AMT	Monetary Amount Information	O	1			
N	1800	DTP	Date or Time or Period	O	1			
	1900	SE	Transaction Set Trailer	M	1			

Notes

1/0300 The DTP segment states the reporting cycle date.

1/0400 The REF segment indicates the Servicer or Issuer Institution Number.

1/0500 The N1 loop identifies the sending and receiving parties, such as Mortgage Servicer, Service Bureau, Investor, etc.

2/0200 The REF segment is used to identify Sub Servicer, Pool, Document Custodial Note Holder, or Issuer.

2/0600 The DTP segment is used to state the Last Paid Installment Date and the Date of the Last Payment Received.

2/0700 The AMT segment is used to report amounts such as the Actual or Scheduled Unpaid Principal Balance, Principal or Interest Due to Investor, Current Principal and Interest, Prepayment Penalties.

2/1000 The PRC segment is used to report Variable Loan Information characteristics (Adjustable Rate Mortgages, Graduated Payment Mortgages, etc.)

2/1400 The DTP segment is used to identify the Original Maturity Date and the Date of First Payment.

2/1600 The YNQ segment determines whether or not Foreclosure proceedings have begun on the loan, flood insurance is current, hazard insurance is current, real estate tax is current, or guarantee is terminated.

2/1700 The AMT loop is used to define curtailment data, to state the Original Principal Balance, and to state the Tax & Insurance Escrow Fund Balance.

2/1800 The DTP segment is used to define dates associated with curtailment data.

204 - Motor Carrier Load Tender

FUNCTIONAL GROUP=**SM**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Motor Carrier Load Tender Transaction Set (204) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow shippers or other interested parties to offer (tender) a shipment to a full load (truckload) motor carrier including detailed scheduling, equipment requirements, commodities, and shipping instructions pertinent to a load tender. It is not to be used to provide a motor carrier with data relative to a Less-than-Truckload bill of lading, pickup notification, or manifest.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	B2	Beginning Segment for Shipment Information Transaction	M	1	
	0300	B2A	Set Purpose	M	1	
	0400	C3	Currency Identifier	O	1	
	0800	L11	Business Instructions and Reference Number	O	99999	
N	0900	G62	Date/Time	O	1	
	1000	MS3	Interline Information	O	1	
	LOOP ID - 0050					99
	1100	AT5	Bill of Lading Handling Requirements	O	1	
	1120	RTT	Freight Rate Information	O	1	
	1150	C3	Currency Identifier	O	1	
	1200	PLD	Pallet Shipment Information	O	1	
	1250	LH6	Hazardous Certification	O	6	
	1300	NTE	Note/Special Instruction	O	10	
	LOOP ID - 0100					5
N	1400	N1	Party Identification	O	1	
	1500	N2	Additional Name Information	O	1	
	1600	N3	Party Location	O	2	
	1700	N4	Geographic Location	O	1	
	1800	L11	Business Instructions and Reference Number	O	1	
	1900	G61	Contact	O	3	
	LOOP ID - 0200					10
	2000	N7	Equipment Details	O	1	
	2030	N7A	Accessorial Equipment Details	O	1	
	2050	N7B	Additional Equipment Details	O	1	
	2080	MEA	Measurements	O	1	
	2100	M7	Seal Numbers	O	2	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT

LOOP ID - 0300						999
	0100	S5	Stop-off Details	M	1	
	0200	L11	Business Instructions and Reference Number	O	99999	
N	0300	G62	Date/Time	O	3	
N	0400	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
N	0500	LAD	Lading Detail	O	99999	
LOOP ID - 0305						99
	0600	AT5	Bill of Lading Handling Requirements	O	1	
	0610	RTT	Freight Rate Information	O	1	
	0620	C3	Currency Identifier	O	1	
	0630	PLD	Pallet Shipment Information	O	1	
	0650	NTE	Note/Special Instruction	O	20	
LOOP ID - 0310						1
	0700	N1	Party Identification	O	1	
	0800	N2	Additional Name Information	O	1	
	0900	N3	Party Location	O	2	
	1000	N4	Geographic Location	O	1	
	1200	G61	Contact	O	3	
LOOP ID - 0320						99999
	1300	L5	Description, Marks and Numbers	O	1	
	1350	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
LOOP ID - 0323						99
	1351	AT5	Bill of Lading Handling Requirements	O	1	
	1353	RTT	Freight Rate Information	O	1	
	1355	C3	Currency Identifier	O	1	
	1356	L11	Business Instructions and Reference Number	O	>1	
	1360	MEA	Measurements	O	10	
N	1370	PER	Administrative Communications Contact	O	1	
	1375	L4	Measurement	O	1	
LOOP ID - 0325						99
N	1400	G61	Contact	O	1	
N	1410	L11	Business Instructions and Reference Number	O	5	
	1420	LH6	Hazardous Certification	O	6	
LOOP ID - 0330						25
	1430	LH1	Hazardous Identification Information	O	1	
	1440	LH2	Hazardous Classification Information	O	4	
	1450	LH3	Hazardous Material Shipping Name Information	O	10	
	1460	LFH	Free-form Hazardous Material Information	O	30	
	1470	LEP	EPA Required Data	O	3	
	1480	LH4	Canadian Dangerous Requirements	O	1	
	1490	LHT	Transborder Hazardous Requirements	O	3	
LOOP ID - 0350						99999
N	1500	OID	Order Information Detail	O	1	
	1600	G62	Date/Time	O	2	
	1800	LAD	Lading Detail	O	99999	

LOOP ID - 0360						99999
N	1900	L5	Description, Marks and Numbers	O	1	
N	1950	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
	1955	L4	Measurement	O	1	
LOOP ID - 0365						99
N	2000	G61	Contact	O	1	
N	2010	L11	Business Instructions and Reference Number	O	5	
	2020	LH6	Hazardous Certification	O	6	
LOOP ID - 0370						25
	2030	LH1	Hazardous Identification Information	O	1	
	2040	LH2	Hazardous Classification Information	O	4	
	2050	LH3	Hazardous Material Shipping Name Information	O	10	
	2060	LFH	Free-form Hazardous Material Information	O	30	
	2070	LEP	EPA Required Data	O	3	
	2080	LH4	Canadian Dangerous Requirements	O	1	
	2090	LHT	Transborder Hazardous Requirements	O	3	
LOOP ID - 0380						10
	2100	N7	Equipment Details	O	1	
	2200	N7A	Accessorial Equipment Details	O	1	
	2300	N7B	Additional Equipment Details	O	1	
	2400	MEA	Measurements	O	1	
	2500	M7	Seal Numbers	O	2	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	L3	Total Weight and Charges	O	1	
LOOP ID - 1000					1
0150	LX	Transaction Set Line Number	O	1	
0175	L4	Measurement	O	1	
0200	SE	Transaction Set Trailer	M	1	

Notes

1/0900 Segment G62 in header is used to convey the must-respond-by date and time when responding to a 204 transaction.

1/1400 Loop 0100 is used to convey name and address detail relative to bill-to, party controlling freight, or other shipment level name and address information. It is not used to convey ship from or ship to detail which should be handled within loop 0300 in table 2.

2/0300 Use G62 segment either in loop 0300 or loop 0350, but not both.

2/0400 Segment AT8 in loop 0300 is intended for the transmitting of total weight, quantity, and volume relative to the specific stop-off. Should weight, quantity, and volume also be sent in segment AT8 in loop 0320 and tied to commodity detail, then the accumulated amounts of weight, quantity, and volume in the AT8 segment in loop 0320 should equal the amounts in the single AT8 occurrence in loop 0300.

2/0500 Use LAD segment either in loop 0300 or loop 0350, but not both.

2/1370 The PER segment is used to specify the sales representative for the product shipped.

2/1400 The G61 segment contains the person or company to be contacted by the carrier in case of emergency.

2/1410 The L11 segment contains the specific hazardous material reference numbers. Used in loop 0325 it pertains to all iterations of loop 0330 following.

2/1500 Use loop 0350 for conveying seller's order/invoice level detail or buyer's purchase order level detail. If not using order level detail, this loop should not be used.

2/1900 If sending order level detail within the 0350 loop, then use L5 and AT8 segments in loop 0360 to relay commodity detail. Otherwise, use L5 and AT8 segments within the 0320 loop to relay commodity detail. Use either loop 0320 or loop 0360, but not both.

2/1950 Accumulated weights, quantities, and volumes sent in the AT8 segment in loop 0360 should total to the weight, quantity, and volume in the OID segment in loop 0350. Accumulated weights and quantities in the LAD segment in loop 0350 should total to the weight and quantity in the OID segment in loop 0350.

2/2000 The G61 segment contains the person or company to be contacted by the carrier in case of emergency.

2/2010 The L11 segment contains the specific hazardous material reference numbers. Used in loop 0365 it pertains to all iterations of loop 0370 following.

205 - Mortgage Note

FUNCTIONAL GROUP=**MN**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Mortgage Note Transaction Set (205) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by mortgage originators, settlement agents, warehouse lenders, document custodians, secondary market entities and other industry participants to exchange the data comprising the mortgage note and mortgage characteristics.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	TRN	Trace	O	1	
	LOOP ID - NM1					5
	0400	NM1	Individual or Organizational Name	M	1	
	0500	N2	Additional Name Information	O	2	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	
	0800	PER	Administrative Communications Contact	O	2	
	0900	REF	Reference Information	O	4	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - MNC					>1
	0100	MNC	Mortgage Note Characteristics	M	1	
	0200	SOM	Status of Mortgage	O	1	
	0300	REF	Reference Information	O	20	
	0400	DTP	Date or Time or Period	O	>1	
	0500	N4	Geographic Location	O	1	
	0600	INT	Interest	O	2	
	0700	PCT	Percent Amounts	O	10	
	0800	AMT	Monetary Amount Information	O	10	
	0900	QTY	Quantity Information	O	6	
N	1000	YNQ	Yes/No Question	O	12	
	1100	III	Information	O	12	
	LOOP ID - CDI					>1
	1200	CDI	Change Detail Information	O	1	
	LOOP ID - LX					>1
	1300	LX	Transaction Set Line Number	O	1	
	1400	VDI	Value Description or Information	O	>1	
N	1500	YNQ	Yes/No Question	O	4	
	1600	AMT	Monetary Amount Information	O	6	
	1700	PCT	Percent Amounts	O	6	
	1800	DTP	Date or Time or Period	O	5	

1900	III	Information	O	12	
LOOP ID - IN1					>1
2000	IN1	Individual Identification	M	1	
2100	IN2	Individual Name Structure Components	O	10	
2200	PER	Administrative Communications Contact	O	2	
2300	REF	Reference Information	O	15	
LOOP ID - NX1					>1
2400	NX1	Property or Entity Identification	O	1	
2500	NX2	Location ID Component	O	>1	
2600	PDS	Property Description/Legal Description	O	>1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

2/1000 The YNQ segment is used to answer questions regarding the high level options associated with the mortgage note (e.g., assumable, convertible, etc.) and electronic mortgage registration (e.g., Consolidation, Extension, or Modification Agreement, or Metes and Bounds Legal Description).

2/1500 The YNQ segment is used to answer questions regarding the details for specific mortgage note options (e.g., fee required, interest only, prepayment restrictions, etc.)

3/0100 Number of line items (CTT01) is the accumulation of the number of MNC segments.

206 - Real Estate Inspection

FUNCTIONAL GROUP=**MG**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Real Estate Inspection Transaction Set (206) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by mortgage lenders, insurance companies or others to initiate, modify or cancel a site inspection by a field service organization, home inspection company, insurance vendor or other industry participant. It can also be used by a field service organization, home inspection company, insurance inspection vendor, or other industry participant to report the results of a site inspection.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	DTP	Date or Time or Period	O	1	
	0400	MSG	Message Text	O	1	
	LOOP ID - 0100					>1
N	0500	N1	Party Identification	O	1	
	0600	N2	Additional Name Information	O	1	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	0900	REF	Reference Information	O	2	
	1000	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0200					>1
N	0100	SI	Service Characteristic Identification	M	1	
N	0200	N9	Extended Reference Information	O	2	
N	0300	RLT	Real Estate Loan Type	O	1	
	0400	REC	Real Estate Condition	O	1	
	0500	LN	Loan Information	O	1	
	0600	PWK	Paperwork	O	5	
	0700	PER	Administrative Communications Contact	O	2	
	0800	DTP	Date or Time or Period	O	10	
	0900	AMT	Monetary Amount Information	O	20	
N	1000	NTE	Note/Special Instruction	O	5	
	1100	CTP	Pricing Information	O	1	
	LOOP ID - 0210					>1
N	1200	IN1	Individual Identification	O	1	
	1300	IN2	Individual Name Structure Components	O	12	
	1400	N3	Party Location	O	2	
	1500	N4	Geographic Location	O	1	
	1600	REF	Reference Information	O	1	

	1700	PER	Administrative Communications Contact	O	5	
	LOOP ID - 0220					>1
N	1800	NX1	Property or Entity Identification	M	1	
	1900	NX2	Location ID Component	M	>1	
	2000	PDS	Property Description/Legal Description	O	>1	
	2100	PDE	Property Metes and Bounds Description	O	>1	
	2200	REA	Real Estate Property Information	O	1	
	2300	III	Information	O	5	
	2400	REC	Real Estate Condition	O	>1	
	2500	DTP	Date or Time or Period	O	2	
N	2600	YNQ	Yes/No Question	O	20	
	2700	NTE	Note/Special Instruction	O	10	
	2800	PWK	Paperwork	O	2	
	2900	PER	Administrative Communications Contact	O	2	
	3000	AMT	Monetary Amount Information	O	20	
	3100	CTP	Pricing Information	O	1	
	LOOP ID - 0221					>1
N	3200	N1	Party Identification	O	1	
	3300	N2	Additional Name Information	O	10	
	3400	N3	Party Location	O	2	
	3500	N4	Geographic Location	O	1	
	3600	PER	Administrative Communications Contact	O	1	
	3700	CRC	Conditions Indicator	O	1	
	3800	DFI	Default Information	O	5	
N	3900	YNQ	Yes/No Question	O	10	
	4000	AMT	Monetary Amount Information	O	5	
	4100	NTE	Note/Special Instruction	O	10	
	4200	OBI	Obligation Information	O	>1	
	4300	AIN	Income	O	10	
	4400	QTY	Quantity Information	O	3	
	4500	SE	Transaction Set Trailer	M	1	

Notes

1/0500 Loop 0100 identifies all parties associated with the Real Estate Inspection.

2/0100 Loop 0200 provides instructions and information pertaining to a property inspection and identifies the recommendations and observations of the property.

2/0100 The SI segment identifies the type of inspection being requested or completed.

2/0200 The N9 segment identifies a unique number associated with this inspection.

2/0300 The RLT segment provides information pertaining to the guarantor and guarantor case number.

2/1000 The NTE Segment provides additional information regarding partially occupied multiple unit properties, fee description of special inspection charges, or other special inspection instructions.

2/1200 Loop 0210 provides information about the borrower associated with the property.

2/1800 Loop 0220 provides information about the property involved in the inspection.

2/2600 The YNQ segment provides the answers to statements about the property to assist the inspector. It also provides a response to statements regarding the inspector's observation of the property.

2/3200 Loop 0221 identifies the information obtained by interviews conducted during the inspection.
2/3900 The YNQ segment provides for responses by the interviewee about the status of the property and its occupant(s).

210 - Motor Carrier Freight Details and Invoice

FUNCTIONAL GROUP=**IM**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Motor Carrier Freight Details and Invoice Transaction Set (210) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide detail information for charges for services rendered by a motor carrier. It is used both as a motor carrier invoice to request payment or as details pertaining to motor freight shipment(s) charges.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B3	Beginning Segment for Carrier's Invoice	M	1	
0300	C2	Bank ID	O	1	
0400	C3	Currency Identifier	O	1	
0500	ITD	Terms of Sale/Deferred Terms of Sale	O	1	
0600	L11	Business Instructions and Reference Number	O	300	
0700	G62	Date/Time	O	6	
0800	R3	Route Information - Motor	O	12	
0900	H3	Special Handling Instructions	O	6	
1000	K1	Remarks	O	10	
LOOP ID - 0100					10
1100	N1	Party Identification	O	1	
1200	N2	Additional Name Information	O	1	
1300	N3	Party Location	O	2	
1400	N4	Geographic Location	O	1	
1500	L11	Business Instructions and Reference Number	O	5	
LOOP ID - 0200					10
1600	N7	Equipment Details	O	1	
1700	M7	Seal Numbers	O	2	
LOOP ID - 0250					999999
1800	OID	Order Information Detail	O	1	
1850	SDQ	Destination Quantity	O	10	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0300						999
N	0100	S5	Stop-off Details	O	1	
	0200	L11	Business Instructions and Reference Number	O	10	
	0300	G62	Date/Time	O	10	
	0400	H3	Special Handling Instructions	O	6	
LOOP ID - 0305						999999
	0450	OID	Order Information Detail	O	1	
	0470	SDQ	Destination Quantity	O	10	

LOOP ID - 0310					2
0500	N1	Party Identification	O	1	
0600	N2	Additional Name Information	O	1	
0700	N3	Party Location	O	2	
0800	N4	Geographic Location	O	1	
0900	L11	Business Instructions and Reference Number	O	5	
LOOP ID - 0320					10
1000	N7	Equipment Details	O	1	
1100	M7	Seal Numbers	O	2	
LOOP ID - 0400					>1
1200	LX	Transaction Set Line Number	O	1	
1300	L11	Business Instructions and Reference Number	O	20	
1400	L5	Description, Marks and Numbers	O	30	
1500	H1	Hazardous Material	O	3	
1600	H2	Additional Hazardous Material Description	O	2	
1700	L0	Line Item - Quantity and Weight	O	10	
1800	L1	Rate and Charges	O	50	
1900	L4	Measurement	O	10	
2000	L7	Tariff Reference	O	10	
2100	K1	Remarks	O	10	
LOOP ID - 0430					999999
2200	OID	Order Information Detail	O	1	
2300	SDQ	Destination Quantity	O	10	
LOOP ID - 0460					999999
N 2400	N1	Party Identification	O	1	
2500	N2	Additional Name Information	O	1	
2600	N3	Party Location	O	2	
2700	N4	Geographic Location	O	1	
2800	L11	Business Instructions and Reference Number	O	10	
LOOP ID - 0463					999999
3000	CD3	Carton (Package) Detail	O	1	
3100	L11	Business Instructions and Reference Number	O	20	
3200	H6	Special Services	O	10	
3300	L9	Charge Detail	O	50	
3350	POD	Proof of Delivery	O	1	
3400	G62	Date/Time	O	1	
LOOP ID - 0465					999999
3500	OID	Order Information Detail	O	1	
3600	SDQ	Destination Quantity	O	10	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	L3	Total Weight and Charges	O	1	
0200	SE	Transaction Set Trailer	M	1	

Notes

2/0100 Loops 0300, 0305, 0310 and 0320 shall only be used to identify locations and associated data for loading and unloading of freight.

2/2400 Loops 0460 and 0463 shall be used to identify all small package carrier details related to the consignee (delivery location) and the related shipment. The shipper shall be identified in loop 0100.

211 - Motor Carrier Bill of Lading

FUNCTIONAL GROUP=**BL**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Motor Carrier Bill of Lading Transaction Set (211) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow shippers or other parties, responsible for contracting with a motor carrier, to provide a legal bill of lading for a shipment. It is not to be used to provide a motor carrier with data relative to a load tender, pickup manifest, or appointment scheduling.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BOL	Beginning Segment for the Motor Carrier Bill of Lading	M	1	
	0300	B2A	Set Purpose	M	1	
	0400	MS3	Interline Information	O	12	
N	0500	MS2	Equipment or Container Owner and Type	O	1	
	0600	L11	Business Instructions and Reference Number	O	100	
	0700	G62	Date/Time	O	6	
	0800	AT5	Bill of Lading Handling Requirements	O	50	
	0900	K1	Remarks	O	10	
	LOOP ID - 0100					10
N	1000	N1	Party Identification	O	1	
	1100	N2	Additional Name Information	O	1	
	1200	N3	Party Location	O	2	
	1300	N4	Geographic Location	O	1	
	1400	G61	Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0200					9999
N	0100	AT1	Bill of Lading Line Item Number	M	1	
	0200	L11	Business Instructions and Reference Number	O	100	
N	0300	AT3	Bill of Lading Rates and Charges	O	1	
N	0400	AT4	Bill of Lading Description	O	99	
	LOOP ID - 0210					1
N	0500	AT2	Bill of Lading Line Item Detail	O	1	
N	0600	MAN	Marks and Numbers Information	O	999999	
N	0700	OID	Order Information Detail	O	999999	
	0705	L4	Measurement	O	1	
	LOOP ID - 0220					999999
N	0800	LX	Transaction Set Line Number	O	1	
	0900	MAN	Marks and Numbers Information	O	999999	
	1000	OID	Order Information Detail	O	999999	
	LOOP ID - 0230					2

N	1100	G61	Contact	O	1	
	1200	L11	Business Instructions and Reference Number	O	5	
	1300	LH6	Hazardous Certification	O	6	
LOOP ID - 0231						25
	1400	LH1	Hazardous Identification Information	M	1	
	1500	LH2	Hazardous Classification Information	O	4	
	1600	LH3	Hazardous Material Shipping Name Information	O	10	
	1700	LFH	Free-form Hazardous Material Information	O	30	
	1800	LEP	EPA Required Data	O	3	
	1900	LH4	Canadian Dangerous Requirements	O	1	
	2000	LHT	Transborder Hazardous Requirements	O	3	
	2100	L11	Business Instructions and Reference Number	O	5	
	2200	SE	Transaction Set Trailer	M	1	

Notes

1/0500 The MS2 segment is used to provide the carrier with the trailer number of the trailer that has the shipment on it.

1/1000 Loop 0100 is used to specify the parties to the Bill of Lading, including but not limited to, the ship-from, ship-to, or bill-to parties.

2/0100 The AT1 segment provides the line number for all of the related items included. It may include reference numbers, rates and charges, descriptions, and or line item details. Any data included within a single loop is related to the other data included in that loop. Any reference numbers included in a loop with line item details are related to that line item only. Any reference numbers included in its own line item are related to the entire shipment and can not be broken out by line item detail.

2/0300 Care should be taken when using the AT3 segment to provide the carrier with a pre-rated Bill of Lading. Rates and charges included on the Bill of Lading are subject to audit. Accessorial charges usually can not be determined before the shipment has been delivered, therefore use of this segment may not negate the requirement for transaction set 210, Freight Invoice and Details.

2/0300 The AT3 segment provides a means of transmitting freight charges and the basis for those charges. The amount of the charge appears in AT301. If the charge is based on a percent discount, the percent discount is transmitted in AT307 with the charge, after the discount has been applied, in AT301. If the charge is not based on a rating structure (per mile, per hundred weight, as weight etc.) the type of charge is identified in AT306. If the charge is based on a rate, the rate is transmitted in AT303 with the qualifier (per mile, per hundred weight) codified in AT302. If the quantity of the unit being rated is required AT305 is used in conjunction with AT304. For example, for a charge of $20.00 that is based on a rate of $1.00 per mile the segment would be as follows: AT3*2000*PM*1*MI*20 N/L.

2/0400 Segment AT4 provides a means for the shipper to provide a text description of the line item. The National Motor Freight Classification and the freight class shall be included in the AT2 segment if applicable.

2/0500 The AT2 segment is used to provide the carrier with the appropriate data to rate the shipment. It is included per line item when the line item includes an item of freight.

2/0600 The MAN segment provides the marks and numbers associated with the line item identified in the AT2 segment.

2/0700 The OID segment provides the purchase order numbers and details associated with the line item details included in the AT2 segment.

2/0800 Loop 0220 shall only be used when the marks and numbers or the purchase order detail can not be associated with the specific Bill of Lading line item details included in the AT2

segments transmitted with this Bill of Lading.

2/1100 The G61 segment shall only be used to provide the name and phone number of the contact for any hazardous materials included on this Bill of Lading.

212 - Motor Carrier Delivery Trailer Manifest

FUNCTIONAL GROUP=**TM**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Motor Carrier Delivery Trailer Manifest Transaction Set (212) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow motor carriers to provide consignees or other interested parties with the contents of a trailer, containing multiple shipments, that has been tendered for delivery. It is not to be used to provide the recipient with data relative to a full truckload shipment.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	ATA	Beginning Segment for Motor Carrier Delivery Trailer Manifest	M	1	
	0300	B2A	Set Purpose	M	1	
	0400	L11	Business Instructions and Reference Number	O	300	
	LOOP ID - 0100					1
N	0500	N1	Party Identification	O	1	
	0600	N2	Additional Name Information	O	1	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	0900	G61	Contact	O	1	
	1000	G62	Date/Time	O	1	
	1100	L11	Business Instructions and Reference Number	O	10	
	LOOP ID - 0150					1
N	1200	AT7	Shipment Status Details	M	1	
	1300	G62	Date/Time	O	5	
	1400	MS1	Equipment, Shipment, or Real Property Location	O	1	
	LOOP ID - 0160					1
	1500	MS2	Equipment or Container Owner and Type	O	1	
	1600	M7	Seal Numbers	O	1	
	1700	AT9	Trailer or Container Dimension and Weight	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0200					9999
N	0100	LX	Transaction Set Line Number	O	1	
	0200	L11	Business Instructions and Reference Number	O	300	
	0250	AT7	Shipment Status Details	O	1	
N	0300	BLR	Transportation Carrier Identification	O	1	
	0400	MAN	Marks and Numbers Information	O	9999	
	0500	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
	0550	Q7	Lading Exception Status	O	10	
	0600	G62	Date/Time	O	5	
N	0700	TSD	Trailer Shipment Details	O	1	

LOOP ID - 0210					999999
	0800	OID	Order Information Detail	O	1
	0900	SDQ	Destination Quantity	O	9999
LOOP ID - 0220					1
N	1000	N1	Party Identification	O	1
	1100	N2	Additional Name Information	O	1
	1200	N3	Party Location	O	2
	1300	N4	Geographic Location	O	1
	1400	L11	Business Instructions and Reference Number	O	5
	1500	SE	Transaction Set Trailer	M	1

Notes

1/0500 Loop 0100 provides the location where the carrier will deliver the trailer.

1/1200 The AT7 segment provides the status of all of the shipments on the trailer.

2/0100 Loop 0200 provides the specific details concerning all of the shipments included in the manifest. There will be one iteration of loop 0200 for each shipment contained in the manifest. The most common way to identify the shipments is by the PRO number assigned by the carrier.

2/0300 The BLR segment shall only be used when the carrier delivering the freight is not the carrier that picked up the freight. The pickup carrier shall be identified by its Standard Carrier Alpha Code (SCAC).

2/0700 For use of the TSD segment in transaction set 212 the only codes that can be used in TSD02 are as follows: 1 - indicates that the shipment is in the first quarter of the trailer (closest to the nose of the trailer); 2 - indicates that the shipment is in the second quarter of the trailer; 3 - indicates that the shipment is in the third quarter of the trailer; 4 - indicates that the shipment is in the fourth quarter of the trailer (closest to the rear door of the trailer).

2/1000 Loop 0220 shall only be used to provide the identification of the shipper if the carrier has not provided that information in a previous shipment status message.

213 - Motor Carrier Shipment Status Inquiry

FUNCTIONAL GROUP=**MI**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Motor Carrier Shipment Status Inquiry Transaction Set (213) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to request shipment status from a motor carrier. The requestor may be a shipper or consignee.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B11	Beginning Segment for Shipment Status Inquiry	M	1	
0300	C3	Currency Identifier	O	1	
0400	REF	Reference Information	O	10	
0500	L10	Weight Information	O	5	
LOOP ID - 0100					5
0600	N1	Party Identification	O	1	
0700	N2	Additional Name Information	O	1	
0800	N3	Party Location	O	2	
0900	N4	Geographic Location	O	1	
0940	G61	Contact	O	2	
1000	REF	Reference Information	O	10	
1100	K2	Administrative Message	O	2	
1200	SE	Transaction Set Trailer	M	1	

214 - Transportation Carrier Shipment Status Message

FUNCTIONAL GROUP=**QM**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Transportation Carrier Shipment Status Message Transaction Set (214) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a transportation carrier to provide shippers, consignees, and their agents with the status of shipments in terms of dates, times, locations, route, identifying numbers, and conveyance.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1	
0300	MS3	Interline Information	O	12	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 1000					999999
0100	LX	Transaction Set Line Number	M	1	
0200	L11	Business Instructions and Reference Number	O	999	
0300	MAN	Marks and Numbers Information	O	9999	
0400	Q7	Lading Exception Status	O	10	
0500	K1	Remarks	O	10	
0600	AT5	Bill of Lading Handling Requirements	O	10	
0700	AT8	Shipment Weight, Packaging and Quantity Data	O	10	
LOOP ID - 1100					10
0800	AT7	Shipment Status Details	M	1	
0900	MS1	Equipment, Shipment, or Real Property Location	O	1	
1000	MS2	Equipment or Container Owner and Type	O	2	
1100	K1	Remarks	O	1	
1200	M7	Seal Numbers	O	1	
LOOP ID - 1200					5
1300	N1	Party Identification	O	1	
1400	N2	Additional Name Information	O	1	
1500	N3	Party Location	O	2	
1600	N4	Geographic Location	O	1	
N 1700	G62	Date/Time	O	1	
1800	L11	Business Instructions and Reference Number	O	10	
LOOP ID - 1300					999999
1900	OID	Order Information Detail	O	1	
2000	SDQ	Destination Quantity	O	10	
2100	SE	Transaction Set Trailer	M	1	

Notes

2/1700 The G62 segment shall not be used to report shipment status dates and/or times.

215 - Motor Carrier Pickup Manifest

FUNCTIONAL GROUP=**UP**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Motor Carrier Pickup Manifest Transaction Set (215) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow shippers, or other parties, to provide a motor carrier with a manifest of all of the shipments tendered to a carrier. It is not to be used to provide a motor carrier with data relative to a load tender, legal bill of lading, pickup notification, or appointment scheduling.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	B1	Beginning Segment for Booking or Pickup/Delivery	M	1	
	0400	C3	Currency Identifier	O	1	
	0500	L11	Business Instructions and Reference Number	O	10	
	0600	G62	Date/Time	O	6	
	LOOP ID - 0100					1
N	0700	N1	Party Identification	M	1	
	0800	N2	Additional Name Information	O	1	
	0900	N3	Party Location	O	2	
	1000	N4	Geographic Location	O	1	
	1100	L11	Business Instructions and Reference Number	O	10	
	1200	PER	Administrative Communications Contact	O	10	
N	1300	X1	Export License	O	10	
N	1400	X2	Import License	O	10	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0200					999999
N	0100	SMD	Consolidated Shipment Manifest Data	M	1	
	0200	L11	Business Instructions and Reference Number	O	50	
	0250	L5	Description, Marks and Numbers	O	50	
	0300	MS6	Shipment Quantity and Weight	O	10	
	0400	MS5	Shipment Rates and Charges	O	5	
	0500	MS4	Shipment or Package Dimensions	O	1	
	0600	ACS	Ancillary Charges	O	50	
	0700	NTE	Note/Special Instruction	O	50	
	LOOP ID - 0220					10
N	0800	N1	Party Identification	O	1	
	0900	N2	Additional Name Information	O	1	
	1000	N3	Party Location	O	2	
	1100	N4	Geographic Location	O	1	
	1200	L11	Business Instructions and Reference Number	O	10	
	1300	G61	Contact	O	10	

	1400	X1	Export License	O	10
	1500	X2	Import License	O	10
	1600	R4	Port or Terminal	O	10
LOOP ID - 0240					**999999**
N	1700	CD3	Carton (Package) Detail	M	1
	1800	MAN	Marks and Numbers Information	O	100
	1900	MS4	Shipment or Package Dimensions	O	1
	2000	L11	Business Instructions and Reference Number	O	50
	2050	L5	Description, Marks and Numbers	O	10
	2070	MS6	Shipment Quantity and Weight	O	5
	2100	ACS	Ancillary Charges	O	50
	2200	NTE	Note/Special Instruction	O	10
LOOP ID - 0250					**999999**
N	2210	N1	Party Identification	O	1
	2220	N2	Additional Name Information	O	1
	2230	N3	Party Location	O	2
	2240	N4	Geographic Location	O	1
	2250	L11	Business Instructions and Reference Number	O	10
	2260	G61	Contact	O	10
	2270	X1	Export License	O	10
	2280	X2	Import License	O	10
	2290	R4	Port or Terminal	O	10
LOOP ID - 0260					**999999**
N	2300	AT6	International Manifest Information	O	1
	2400	MS5	Shipment Rates and Charges	O	1
	2500	IT1	Baseline Item Data (Invoice)	O	1
	2600	CGS	Charge	O	10
	2900	L11	Business Instructions and Reference Number	O	1
	3000	PID	Product/Item Description	O	1000
	3200	TXI	Tax Information	O	10
	3300	MS4	Shipment or Package Dimensions	O	1
	3400	L5	Description, Marks and Numbers	O	1
LOOP ID - 0280					**999999**
	3500	SLN	Subline Item Detail	O	1
	3520	L11	Business Instructions and Reference Number	O	10
	3540	PID	Product/Item Description	O	10
	3560	N10	Quantity and Description	O	10
	3580	TXI	Tax Information	O	10
	3600	NTE	Note/Special Instruction	O	10
	3700	SE	Transaction Set Trailer	M	1

Notes

1/0700 Loop 0100 shall provide the ship-from name and address location and any relevant reference numbers. The ship-to locations are transmitted in loop 0220.

1/1300 The X1 segment is used to provide export license information relative to the party named in the N1 segment.

1/1400 The X2 segment is used to provide import license information relative to the party named in the N1 segment.

2/0100 The SMD segment is used to provide the primary service level (for example ground, air, two day) and shipment method of payment for all of the packages (shipments) contained in each iteration of the loop. The individual package detail and any additional service requirements are transmitted in loop 0240.

2/0800 Loop 0220 shall be used to provide the ship-to name and address as well as other related parties to the shipment with the exception of the ship-from which is transmitted in loop 0100.

2/1700 Loop 0240 provides data, including all bar coded carrier or shipper assigned package identification numbers, relative to each individual package.

2/2210 Loop 250 shall be used to provide additional delivery locations within the ship-to transmitted loop in Loop ID 220, for example a department, or a ship-to name and address if loop 220 is not used."

2/2300 Loop 0260 shall only be used to transmit data relative to international shipments.

216 - Motor Carrier Shipment Pickup Notification

FUNCTIONAL GROUP=**PU**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Motor Carrier Shipment Pickup Notification Transaction Set (216) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow shippers or other interested parties to provide a motor carrier with notification that a shipment is available for pickup. It is not to be used to provide a motor carrier with data relative to a legal bill of lading, rating, pricing, or appointment scheduling.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	PUN	Beginning Segment for Motor Carrier Pickup Notification	M	1	
N	0300	G61	Contact	O	1	
N	0400	TEM	Pickup Totals	O	1	
	0425	PRF	Purchase Order Reference	O	>1	
	0435	AT5	Bill of Lading Handling Requirements	O	10	
N	0450	K2	Administrative Message	O	1	
	LOOP ID - 0100					2
N	0500	N1	Party Identification	M	1	
	0600	N2	Additional Name Information	O	1	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	0900	SE	Transaction Set Trailer	M	1	

Notes

1/0200 PUN04 is required on the original pickup notification as well as any change or cancel pickup notifications when scheduling multiple pickups the same day.

1/0300 The G61 segment is used to provide the motor carrier with the name and phone number of the contact that can answer questions concerning the freight available for pickup at the location specified in loop 0100.

1/0400 The TEM segment provides the motor carrier with the total number of handling units and the approximate weight of the shipment that is available for pickup at the location specified in loop 0100.

1/0450 The K2 segment will convey special instructions regarding the pickup to the carrier. Examples of these special instructions could include items such as: nonstackable pallets, no dock, make pickup at door 3 today, urgent; must be picked up today.

1/0500 Loop 0100 is used to provide the motor carrier with the pickup (ship-from) location and the delivery (ship-to) location.

217 - Motor Carrier Loading and Route Guide

FUNCTIONAL GROUP=**FG**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Motor Carrier Loading and Route Guide Transaction Set (217) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide interested parties with a motor carrier's loading instructions and/or routing guide. A transmission may include a list of the motor carrier's terminals, a list of all points served, or a matrix of all points served showing the advertised service times. The motor carrier may also indicate its breakbulk terminal(s) to be used for each point for loading purposes.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BLR	Transportation Carrier Identification	M	1	
	LOOP ID - 0100					999999
N	0300	N1	Party Identification	O	1	
	0400	N3	Party Location	O	2	
	0500	N4	Geographic Location	O	1	
	0600	L11	Business Instructions and Reference Number	O	1	
	0700	G61	Contact	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	LS	Loop Header	O	1	
	LOOP ID - 0200					999999
N	0200	N1	Party Identification	O	1	
	0300	GY	Geography	O	9999	
	0400	N4	Geographic Location	O	9999	
	0450	LS	Loop Header	O	1	
	LOOP ID - 0210					999999
	0500	LX	Transaction Set Line Number	O	1	
	0600	N1	Party Identification	O	3	
	0700	GY	Geography	O	9999	
	0800	N4	Geographic Location	O	9999	
	0900	SV	Service Description	M	1	
	1000	RST	Carrier Restriction	O	10	
	1050	LE	Loop Trailer	O	1	
N	1100	LE	Loop Trailer	O	1	
	LOOP ID - 0300					999999
N	1200	LX	Transaction Set Line Number	O	1	
	1300	N1	Party Identification	O	2	
	1400	GY	Geography	O	9999	
	1500	N4	Geographic Location	O	9999	

1600	SV	Service Description	O	1
1700	RST	Carrier Restriction	O	10

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

Notes

1/0300 Loop 0100 provides detailed information relative to freight terminals.
2/0100 The value of DE 447 in the LS and LE segments shall be the loop ID of 0200.
2/0200 Loop 0200 provides the service matrix between freight terminals or locations.
2/1100 The value of DE 447 in the LS and LE segments shall be the loop ID of 0200.
2/1200 Loop 0300 provides the service points list and associated information.

219 - Logistics Service Request

FUNCTIONAL GROUP=**AB**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Logistics Service Request Transaction Set (219) for use within the context of an Electronic Data Interchange (EDI) environment. This set can be used by a shipper to transmit data to a logistics related organization to provide order detail relevant to upcoming transportation requirements.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	B9	Beginning Segment for Logistics Services	M	1	
	0300	B9A	Service Request	M	7	
	0350	AT5	Bill of Lading Handling Requirements	O	6	
	0400	L11	Business Instructions and Reference Number	O	>1	
	0500	MS3	Interline Information	O	99	
	0600	ITA	Allowance, Charge or Service	O	20	
	0700	NTE	Note/Special Instruction	O	10	
	LOOP ID - 1000					99
	0800	N7	Equipment Details	O	1	
	0900	N7A	Accessorial Equipment Details	O	1	
	1000	N7B	Additional Equipment Details	O	1	
	1100	MEA	Measurements	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					99
N	0100	S5	Stop-off Details	O	1	
	0200	G62	Date/Time	O	3	
	0300	L11	Business Instructions and Reference Number	O	>1	
	0400	ITA	Allowance, Charge or Service	O	20	
	LOOP ID - 2100					10
	0500	N1	Party Identification	O	1	
	0600	N2	Additional Name Information	O	1	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	0900	PER	Administrative Communications Contact	O	3	
	LOOP ID - 2200					99
N	1000	G61	Contact	O	1	
	1100	L11	Business Instructions and Reference Number	O	10	
	1200	LH6	Hazardous Certification	O	10	
	LOOP ID - 2250					25
	1300	LH1	Hazardous Identification Information	O	1	
	1400	LH2	Hazardous Classification Information	O	5	

	1500	LH3	Hazardous Material Shipping Name Information	O	6		
	1600	LFH	Free-form Hazardous Material Information	O	30		
	1700	LEP	EPA Required Data	O	3		
	1800	LH4	Canadian Dangerous Requirements	O	1		
	1900	LHT	Transborder Hazardous Requirements	O	3		
	LOOP ID - 2300						>1
N	2000	LX	Transaction Set Line Number	O	1		
	2100	LCT	Logistics Container Tracking Information	O	1		
	2200	MAN	Marks and Numbers Information	O	10		
	2300	AT5	Bill of Lading Handling Requirements	O	6		
	2400	AMT	Monetary Amount Information	O	1		
	2500	CUR	Currency	O	1		
	2600	L11	Business Instructions and Reference Number	O	>1		
	LOOP ID - 2350						99
N	2700	G61	Contact	O	1		
	2800	L11	Business Instructions and Reference Number	O	5		
	2900	LH6	Hazardous Certification	O	6		
	LOOP ID - 2355						25
	3000	LH1	Hazardous Identification Information	O	1		
	3100	LH2	Hazardous Classification Information	O	4		
	3200	LH3	Hazardous Material Shipping Name Information	O	10		
	3300	LFH	Free-form Hazardous Material Information	O	30		
	3400	LEP	EPA Required Data	O	3		
	3500	LH4	Canadian Dangerous Requirements	O	1		
	3600	LHT	Transborder Hazardous Requirements	O	3		
	LOOP ID - 2370						>1
N	3700	LAD	Lading Detail	O	1		
	3800	PO4	Item Physical Details	O	1		
	3900	G69	Line Item Detail - Description	O	99		
	4000	AT5	Bill of Lading Handling Requirements	O	6		
	4100	AMT	Monetary Amount Information	O	1		
	4200	CUR	Currency	O	1		
	4300	L11	Business Instructions and Reference Number	O	>1		
	4400	PER	Administrative Communications Contact	O	1		
	LOOP ID - 2375						99
N	4500	G61	Contact	O	1		
	4600	L11	Business Instructions and Reference Number	O	5		
	4700	LH6	Hazardous Certification	O	6		
	LOOP ID - 2378						25
	4800	LH1	Hazardous Identification Information	O	1		
	4900	LH2	Hazardous Classification Information	O	4		
	5000	LH3	Hazardous Material Shipping Name Information	O	10		
	5100	LFH	Free-form Hazardous Material Information	O	30		
	5200	LEP	EPA Required Data	O	3		
	5300	LH4	Canadian Dangerous Requirements	O	1		
	5400	LHT	Transborder Hazardous Requirements	O	3		

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	L3	Total Weight and Charges	M	1	
0200	SE	Transaction Set Trailer	M	1	

Notes

2/0100 The 2000 Loop defines pickup or delivery information for an order.
2/1000 The 2200 Loop provides hazardous information associated with an order or stop-off.
2/2000 The 2300 Loop provides details for tracking containers within an order.
2/2700 The 2350 Loop provides hazardous information associated with container information.
2/3700 The 2370 Loop provides item details.
2/4500 The 2375 Loop provides hazardous information associated with item information.

220 - Logistics Service Response

FUNCTIONAL GROUP=**AH**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Logistics Service Response Transaction Set (220) for use within the context of an Electronic Data Interchange (EDI) environment. This set can be used by a logistics related organization to transmit data to a shipper in response to a logistics service request.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	B9	Beginning Segment for Logistics Services	M	1	
	0300	B9A	Service Request	O	7	
	0400	L11	Business Instructions and Reference Number	O	>1	
	0500	G62	Date/Time	O	5	
	0600	MS3	Interline Information	O	99	
	0700	NTE	Note/Special Instruction	O	10	
	LOOP ID - 0500					99
N	0800	LCD	Place/Location Description	O	1	
	0900	ITA	Allowance, Charge or Service	O	999	
	1000	L8	Line Item Subtotal	O	999	
	1100	L9	Charge Detail	O	999	
	1200	L3	Total Weight and Charges	O	999	
	LOOP ID - 1000					99
	1300	N7	Equipment Details	O	1	
	1400	N7A	Accessorial Equipment Details	O	1	
	1500	N7B	Additional Equipment Details	O	1	
	1600	MEA	Measurements	O	1	
	1700	M7	Seal Numbers	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					99
N	0100	S5	Stop-off Details	O	1	
	0200	G62	Date/Time	O	2	
	0300	L11	Business Instructions and Reference Number	O	>1	
	0400	ITA	Allowance, Charge or Service	O	20	
	LOOP ID - 2100					10
	0500	N1	Party Identification	O	1	
	0600	N2	Additional Name Information	O	1	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	0900	PER	Administrative Communications Contact	O	3	
	LOOP ID - 2200					>1
N	1000	LX	Transaction Set Line Number	O	1	

	1100	LCT	Logistics Container Tracking Information	O	1	
	1200	MAN	Marks and Numbers Information	O	10	
	1300	AT5	Bill of Lading Handling Requirements	O	6	
	1400	AMT	Monetary Amount Information	O	1	
	1500	L11	Business Instructions and Reference Number	O	>1	
	LOOP ID - 2250					>1
N	1600	LAD	Lading Detail	O	1	
	1700	PO4	Item Physical Details	O	1	
	1800	G69	Line Item Detail - Description	O	99	
	1900	AT5	Bill of Lading Handling Requirements	O	6	
	2000	AMT	Monetary Amount Information	O	1	
	2100	L11	Business Instructions and Reference Number	O	>1	
	2200	SE	Transaction Set Trailer	M	1	

Notes

1/0200 The reference number in the B9 segment, element 01 must be a unique logistics identification number.
1/0800 The 0500 Loop provides rate information back to shipper.
2/0100 The 2000 Loop defines pickup or delivery information for an order.
2/1000 The 2200 Loop provides details for tracking containers within an order.
2/1600 The 2250 Loop provides item details.

222 - Cartage Work Assignment

FUNCTIONAL GROUP=**CE**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Cartage Work Assignment Transaction Set (222) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide the cartage carrier with placement, rating, and scheduling information pertinent to the movement of equipment by a cartage carrier.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	SCN	Beginning Segment for Cartage Work Assignment	M	1	
	0300	L11	Business Instructions and Reference Number	O	5	
N	0400	G62	Date/Time	O	1	
	0500	NTE	Note/Special Instruction	O	10	
	LOOP ID - 0100					5
N	0600	N1	Party Identification	O	1	
	0700	N2	Additional Name Information	O	1	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	1	
	1000	G61	Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					999
N	0100	PLC	Equipment Placement Information	M	1	
	0200	N7	Equipment Details	M	10	
	0300	L11	Business Instructions and Reference Number	O	10	
	0400	AT5	Bill of Lading Handling Requirements	O	6	
	0500	NTE	Note/Special Instruction	O	10	
	LOOP ID - 2100					25
N	0600	LX	Transaction Set Line Number	O	1	
	0700	L11	Business Instructions and Reference Number	O	5	
	0800	AT3	Bill of Lading Rates and Charges	M	1	
	LOOP ID - 2200					99
	0900	S5	Stop-off Details	M	1	
	1000	L11	Business Instructions and Reference Number	O	10	
	1100	G62	Date/Time	O	10	
	1200	AT5	Bill of Lading Handling Requirements	O	6	
	1300	PLD	Pallet Shipment Information	O	2	
	1400	NTE	Note/Special Instruction	O	10	
	LOOP ID - 2210					1
	1500	N1	Party Identification	M	1	
	1600	N2	Additional Name Information	O	1	

	1700	N3	Party Location	O	2		
	1800	N4	Geographic Location	O	1		
	1900	G61	Contact	O	3		
LOOP ID - 2400							99
	2000	LAD	Lading Detail	O	1		
LOOP ID - 2410							1
N	2100	G61	Contact	O	1		
	2200	L11	Business Instructions and Reference Number	O	5		
	2300	LH6	Hazardous Certification	O	6		
LOOP ID - 2415							25
N	2400	LH1	Hazardous Identification Information	M	1		
	2500	LH2	Hazardous Classification Information	O	4		
	2600	LH3	Hazardous Material Shipping Name Information	O	10		
	2700	LFH	Free-form Hazardous Material Information	O	30		
	2800	LEP	EPA Required Data	O	3		
	2900	LH4	Canadian Dangerous Requirements	O	1		
	3000	LHT	Transborder Hazardous Requirements	O	3		
LOOP ID - 2600							25
N	3100	LX	Transaction Set Line Number	O	1		
	3200	L11	Business Instructions and Reference Number	O	10		
	3300	AT3	Bill of Lading Rates and Charges	M	1		
	3400	SE	Transaction Set Trailer	M	1		

Notes

1/0400 The G62 segment is only used to indicate the respond by date and time.

1/0600 Loop 0100 shall only be used for locations related to the entire workassignment such as the party which will pay the bill. It is not used to send parties related to the physical movement of the equipment.

2/0100 Loop 2000 is required for each placement in the workassignment.

2/0600 Loop 2100 shall only be used to transmit charges related to the entire placement.

2/2100 Loop 2410 shall only be used to provide hazardous material contact for the commodity listed in the LAD segment.

2/2400 Loop 2415 is used to provide hazardous material information specific to the commodity contained in the LAD segment.

2/3100 Loop 2600 shall only be used to transmit charges specific to the stop-off indicated in the S5 segment.

223 - Consolidators Freight Bill and Invoice

FUNCTIONAL GROUP=**MQ**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Consolidators Freight Bill and Invoice Transaction Set (223) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a freight consolidator to transmit invoice and freight bill data to the appropriate party. The freight bill services may be provided by the consolidator or a motor carrier unrelated to the consolidator. This transaction shall not be used to transmit freight bill data without consolidator's invoice data.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0150	B10	Beginning Segment for Transportation Carrier Shipment Status Message	O	1	
0200	B3A	Invoice Type	M	1	
0300	B2A	Set Purpose	M	1	
LOOP ID - 0100					10
0400	N1	Party Identification	O	1	
0500	N2	Additional Name Information	O	1	
0600	N3	Party Location	O	2	
0700	N4	Geographic Location	O	1	
0800	L11	Business Instructions and Reference Number	O	5	
LOOP ID - 0200					10
0900	N7	Equipment Details	O	1	
1000	M7	Seal Numbers	O	5	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 4000					9999
0200	CSD	Consolidated Shipment Invoice Data	O	1	
LOOP ID - 4100					9999
0300	OID	Order Information Detail	O	1	
0400	SDQ	Destination Quantity	O	10	
LOOP ID - 4500					9999
0450	LX	Transaction Set Line Number	M	1	
0500	N1	Party Identification	O	1	
0600	N2	Additional Name Information	O	1	
0700	N3	Party Location	O	2	
0800	N4	Geographic Location	O	1	
0900	L11	Business Instructions and Reference Number	O	10	
0950	LS	Loop Header	O	1	
LOOP ID - 4510					9999
1000	CSD	Consolidated Shipment Invoice Data	O	1	

1040	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
1060	L1	Rate and Charges	O	10	
1080	LE	Loop Trailer	O	1	
LOOP ID - 4520					9999
1100	OID	Order Information Detail	O	1	
1200	SDQ	Destination Quantity	O	10	
1300	SE	Transaction Set Trailer	M	1	

224 - Motor Carrier Summary Freight Bill Manifest

FUNCTIONAL GROUP=**MA**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Motor Carrier Summary Freight Bill Manifest Transaction Set (224) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to transmit multiple freight bills at the summary level to a single payer.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	CF1	Beginning Segment for Summary Freight Bill Manifest	M	1	
LOOP ID - 0100					9999
0300	CF2	Summary Freight Bill Detail	M	1	
0400	L11	Business Instructions and Reference Number	O	99	
0500	SE	Transaction Set Trailer	M	1	

225 - Response to a Cartage Work Assignment

FUNCTIONAL GROUP=**MY**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Response to a Cartage Work Assignment Transaction Set (225) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a cartage carrier to provide for customary and established business practice relative to a response to a cartage work assignment. The transaction set includes either acceptance or decline of the work assignment and any related reference numbers.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	SCP	Beginning Segment for a Cartage Work Assignment Response	M	1	
0300	L11	Business Instructions and Reference Number	O	5	
0400	SE	Transaction Set Trailer	M	1	

227 - Trailer Usage Report

FUNCTIONAL GROUP=**TU**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Trailer Usage Report Transaction Set (227) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to transmit information related to the shipper's, consignee's, or third party's planned usage of a trailer supplied by a motor carrier for trailer inventory reporting purposes only. This transaction set is used to provide the motor carrier with information related to the loading of a trailer, rejection of the trailer, and reported location. It is not to be used to provide a motor carrier with data relative to a load tender or pickup notification and requires no response.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BLR	Transportation Carrier Identification	M	1	
	LOOP ID - 0100					>1
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	G61	Contact	O	3	
	0800	NTE	Note/Special Instruction	O	3	
	LOOP ID - 0110					>1
	0900	N7	Equipment Details	O	1	
	1000	M7	Seal Numbers	O	2	
N	1100	G62	Date/Time	O	1	
	1200	TRL	Equipment Usage Information	O	1	
	1300	L11	Business Instructions and Reference Number	O	3	
	1400	SE	Transaction Set Trailer	M	1	

Notes

1/0300 Subsequent iterations of Loop 0100 are used to convey name and address detail to identify the location of the trailer.

1/0300 The first iteration of Loop 0100 is used to convey name and address detail to identify the sender of the transaction set.

1/1100 The G62 segment is used to provide the date/time the trailer arrived at the reported location.

228 - Equipment Inspection Report

FUNCTIONAL GROUP=**EN**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Equipment Inspection Report Transaction Set (228) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a transportation carrier to provide equipment owners with the results of an equipment inspection activity. This transaction set can be used to communicate whether or not the equipment is in a damaged state. If damage has been identified, it can also be used to convey details regarding the damage. It is not used to convey information relevant to damage claims or repair activities.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	Q5	Status Details	M	1	
	LOOP ID - W2					1000
N	1000	W2	Equipment Identification	M	1	
	1100	NA	Cross-Reference Equipment	O	30	
	1200	N9	Extended Reference Information	O	10	
N	1300	M7	Seal Numbers	O	5	
	LOOP ID - N1					10
N	2000	N1	Party Identification	O	1	
	2100	N3	Party Location	O	2	
	2200	N4	Geographic Location	O	1	
	LOOP ID - EQD					1000
N	3000	EQD	EQD Equipment Damage Information	M	1	
	3100	MEA	Measurements	O	3	
	3200	NTE	Note/Special Instruction	O	5	
	3300	DTM	Date/Time Reference	O	1	
N	3400	M7	Seal Numbers	O	5	
	3500	L11	Business Instructions and Reference Number	O	5	
	LOOP ID - NM1					10
N	4000	NM1	Individual or Organizational Name	O	1	
	4100	N3	Party Location	O	2	
	4200	N4	Geographic Location	O	1	
	4300	PER	Administrative Communications Contact	O	3	
	5000	SE	Transaction Set Trailer	M	1	

Notes

1/1000 The W2 loop is used to convey equipment level information.
1/1300 The M7 at position 1300 is used to convey the original seals numbers.
1/2000 The N1 loop is used to convey the equipment owner, operator, or any parties associated to the equipment.
1/3000 The EQD loop is used to convey the results of a inspection.

1/3400 The M7 at position 1/3400 is used to convey the new seals after inspection. Only transmitted when a seal number has been replaced. All seals must be transmitted when any single seal has been replaced.

1/4000 The NM1 loop is used to convey who executed the inspection, the location where the inspection occurred, and any parties associated to the damage.

240 - Motor Carrier Package Status

FUNCTIONAL GROUP=**MZ**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Motor Carrier Package Status Transaction Set (240) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to provide the status of a package, packages, or group of packages considered a shipment by a motor carrier.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - 1000					>1
N	0300	N1	Party Identification	O	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
	0100	LX	Transaction Set Line Number	M	1	
	LOOP ID - 2500					1
N	0200	N1	Party Identification	O	1	
	0300	N2	Additional Name Information	O	2	
	0400	N3	Party Location	O	2	
	0500	N4	Geographic Location	O	1	
	0600	NM1	Individual or Organizational Name	O	1	
N	0700	NTE	Note/Special Instruction	O	1	
	LOOP ID - 2600					1
N	0800	EFI	Electronic Format Identification	O	1	
	0900	BIN	Binary Data Segment	M	1	
	LOOP ID - 2700					>1
N	1000	L11	Business Instructions and Reference Number	M	1	
	1050	MS2	Equipment or Container Owner and Type	O	>1	
	1070	LS	Loop Header	O	1	
	LOOP ID - 2710					>1
	1100	MAN	Marks and Numbers Information	O	1	
	1150	L11	Business Instructions and Reference Number	O	>1	
	1200	AT7	Shipment Status Details	O	>1	
	1300	CD3	Carton (Package) Detail	O	>1	
	1350	NM1	Individual or Organizational Name	O	1	
	1400	Q7	Lading Exception Status	O	>1	

1420	LE	Loop Trailer	O	1	
LOOP ID - 2720					1
1440	EFI	Electronic Format Identification	O	1	
1460	BIN	Binary Data Segment	M	1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

Notes

1/0300 This loop (1000) identifies the receiver(s) of the data.
2/0200 This loop (2500) provides the delivery address.
2/0700 The NTE is used to provide specific delivery information when a signature is not available.
2/0800 This loop (2600) provides the proof of delivery signature if captured upon delivery.
2/1000 This loop (2700) describes the package status.

242 - Data Status Tracking

FUNCTIONAL GROUP=**DS**
SUBCOMMITTEE=**C**

This X12 Transaction Set contains the format and establishes the data contents of the Data Status Tracking Transaction Set (242) within the context of an Electronic Data Interchange (EDI) environment. This management transaction set is the vehicle by which the transmission status information is conveyed by a service request handler to the interchange sender, interchange receiver, or both; it can be used to provide status information regarding interchange as it flows from an interchange sender through one or more service request handlers to an interchange receiver during its transmission cycle. It can be used by the interchange sender or interchange receiver to request from a service request handler ad hoc or periodic reports containing status information regarding interchanges.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	IRP	Report Selection Segment	O	1	
	0400	DTP	Date or Time or Period	O	10	
	0500	REF	Reference Information	O	10	
	0600	MSG	Message Text	O	1	
	LOOP ID - HL					>1
C	0700	HL	Hierarchical Level	O	1	
	0800	IIS	Interchange Identification Segment	O	1	
C	0900	N1	Party Identification	O	1	
C	1000	REF	Reference Information	O	10	
C	1100	QTY	Quantity Information	O	>1	
	LOOP ID - STS					>1
C	1200	STS	Interchange Status Segment	O	1	
C	1300	N1	Party Identification	O	1	
C	1400	REF	Reference Information	O	10	
C	1500	QTY	Quantity Information	O	>1	
	1600	SE	Transaction Set Trailer	M	1	

Comments

1/0400 The DTP segment is used to provide date/times or date/time ranges associated with the report being requested or provided, for example the start and end dates and time of the report.

1/0500 The REF segment contains reference numbers to further identify the report or specify the report request.

1/0600 The MSG segment contains the report title.

1/0700 HL identifies the appropriate hierarchical interchange level: HL03 indicates Interchange (IN), Functional Group (FG), Transaction Set (TS). All levels are optional. All hierarchical levels that are used must be used in the hierarchical order that they are listed.

1/0900 The N1 segment identifies the source of the following status information.

1/1000 The REF segment contains reference numbers assigned by the party identified in the N1 segment that further identifies the interchange, functional group or transaction set.

1/1100 The QTY segments can be used to report aggregate counts (e.g., number of functional groups and segments) that were contained in the interchange, functional group or transaction set that is being tracked.

1/1200 The STS segment provides status as reported by the source identified in the preceding N1 loop.

1/1300 The N1 segment identifies the source of the status information included; provided only if the source is different from that in the HL loop N1 segment.

1/1400 The REF segment provides reference numbers assigned by the party identified in the N1 segment that further identifies the status or error reported in STS (e.g., file number, message Id).

1/1500 The QTY segments can be used to report aggregate counts from the status report that were contained in the interchange, functional group or transaction set that is being tracked.

244 - Product Source Information

FUNCTIONAL GROUP=**PN**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Product Source Information Transaction Set (244) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction can be used to transmit classification and categorization data of company's products, processes, and facilities to existing and prospective trading partners or listing agencies.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - NM1					>1
N	0300	NM1	Individual or Organizational Name	M	1	
	0400	DTM	Date/Time Reference	M	1	
	LOOP ID - N1					>1
N	0500	N1	Party Identification	M	1	
	0600	N2	Additional Name Information	O	>1	
	LOOP ID - BSF					>1
	0700	BSF	Business Function	M	1	
	LOOP ID - NX2					>1
	0800	NX2	Location ID Component	M	1	
	0900	COM	Communication Contact Information	O	>1	
	LOOP ID - PID					>1
	1000	PID	Product/Item Description	M	1	
	1100	CID	Characteristic/Class ID	O	1	
	1200	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The NM1 segment identifies the source responsible for the creation of the information.
1/0500 The N1 segment identifies the Organization attributed to the information.

245 - Real Estate Tax Service Response

FUNCTIONAL GROUP=**ME**
SUBCOMMITTEE=**F**

This X12 Transaction Set (DSTU) contains the format and establishes the data content of the Real Estate Tax Response Transaction Set (245) for use within an Electronic Data Interchange (EDI) environment. This transaction set can be used to respond to requests for information, modifications to loan status, complete property tax data necessary for paying tax bills, or cancellations of real estate property data. This transaction set facilitates the transfer of property tax information among real estate industry participants.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - NM1					>1
N	0300	NM1	Individual or Organizational Name	O	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	1	
	0600	N4	Geographic Location	O	1	
	0700	REF	Reference Information	O	1	
	0800	PER	Administrative Communications Contact	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					>1
N	0100	HL	Hierarchical Level	M	1	
	0200	LN	Loan Information	O	1	
	0300	MLA	Mortgage Loan Audit Information	O	1	
	0400	ASM	Amount and Settlement Method	O	1	
	0500	TA	Tax Authority	O	1	
	0600	PTS	Property Tax Status	O	1	
	0700	TII	Tax Installment Information	O	1	
	0800	INC	Installment Information	O	1	
	0900	REF	Reference Information	O	>1	
	1000	DTP	Date or Time or Period	O	>1	
	LOOP ID - NM1					>1
N	1100	NM1	Individual or Organizational Name	O	1	
	1200	N2	Additional Name Information	O	1	
	1300	N3	Party Location	O	1	
	1400	N4	Geographic Location	O	1	
	1500	REF	Reference Information	O	1	
	1600	PER	Administrative Communications Contact	O	1	
	LOOP ID - NX1					>1
N	1700	NX1	Property or Entity Identification	O	1	
	1800	NX2	Location ID Component	O	>1	

	1900	PDS	Property Description/Legal Description	O	>1	
	2000	PDE	Property Metes and Bounds Description	O	1	
	2100	TIA	Tax Information and Amount	O	>1	
	2200	REF	Reference Information	O	>1	
	LOOP ID - TDT					>1
N	2300	TDT	Tax Delinquency Status	O	1	
	LOOP ID - REF					>1
N	2400	REF	Reference Information	O	1	
	2500	DTP	Date or Time or Period	O	1	
	LOOP ID - AMT					>1
N	2600	AMT	Monetary Amount Information	O	1	
	2700	REF	Reference Information	O	1	
	2800	DTP	Date or Time or Period	O	1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The NM1 Loop is used to identify the requesting party, the service provider, lender, or any institution involved.

2/0100 The HL Loop identifies the appropriate loop identity: Alternate Taxing Authority (AJ), Amount Information (AM), Installments (IS), Loan Data (LN), Lender or Mortgage Company (LD), Party to the Loan (LP), Property Identification (PI), Property Tax (PK), Taxing Authority (TA), Tax Delinquency (TD), Tax Installment (TX). All levels are optional.

2/1100 The NM1 Loop is used to identify all parties to the transaction for a specified loan: Lenders, Investors, Parties to the Loan and Tax authorities.

2/1700 The NX1 Loop is used to identify the property.

2/2300 The TDT Loop is used to define the delinquency information.

2/2400 The REF Loop is used to further define the delinquency information.

2/2600 The AMT Loop is used to identify the various tax amounts, installment, payment information and due date information.

248 - Account Assignment/Inquiry and Service/Status

FUNCTIONAL GROUP=**SU**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Account Assignment/Inquiry and Service/Status Transaction Set (248) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used for two-way, multi-transactional purposes of assigning accounts for collection, reporting status inquiries and inquiry responses and to update accounts between entities.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BHT	Beginning of Hierarchical Transaction	M	1	
	LOOP ID - NM1					2
N	0300	NM1	Individual or Organizational Name	M	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	>1	
	0600	N4	Geographic Location	O	1	
	0700	REF	Reference Information	O	>1	
	0800	PER	Administrative Communications Contact	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					>1
N	0100	HL	Hierarchical Level	M	1	
N	0200	NM1	Individual or Organizational Name	M	1	
	0300	N2	Additional Name Information	O	1	
	0400	N3	Party Location	O	1	
	0500	N4	Geographic Location	O	1	
	0600	REF	Reference Information	O	>1	
	0700	PER	Administrative Communications Contact	O	>1	
	0800	DMG	Demographic Information	O	1	
	0900	AIN	Income	O	>1	
	1000	EMS	Employment Position	O	>1	
	1100	BAL	Balance Detail	O	1	
	LOOP ID - DTP					>1
	1200	DTP	Date or Time or Period	O	1	
	1300	STC	Status Information	O	>1	
	1400	INT	Interest	O	1	
	1500	AMT	Monetary Amount Information	O	>1	
	1600	ACT	Account Identification	O	>1	
	1700	REF	Reference Information	O	>1	
	1800	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The NM1 loop will contain only information pertaining to the Credit Grantor and the Agency.

2/0100 The HL loop will contain parent-child (subordinate) data relationships pertaining to the debtor and/or any association to the debtor.

2/0200 The NM1 segment will contain only information pertaining to the debtor and/or any subordinate association to the debtor.

249 - Animal Toxicological Data

FUNCTIONAL GROUP=**AT**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Animal Toxicological Data Transaction Set (249) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to exchange animal toxicology data collected from studies conducted on pesticides, drugs, or other substances. This transaction set accommodates the lowest reportable level of individual animal toxicology data for transfer between industry and the government, within industry itself, and between government agencies. The transaction set will enable the exchange of both definitive end points or in-life study data, as well as observational or opinion type data.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	STP	Study Parameters	M	1	
	LOOP ID - N1					>1
N	0400	N1	Party Identification	M	1	
	0500	N2	Additional Name Information	O	2	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	
	0800	G61	Contact	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - GID					>1
N	0100	GID	Group Identification	M	1	
	0200	GRP	Group Dosage Parameters	M	1	
N	0300	MSG	Message Text	M	>1	
	0400	GDP	General Dosing Parameters	M	>1	
N	0500	REF	Reference Information	M	>1	
	LOOP ID - N1					>1
N	0600	N1	Party Identification	M	1	
	0700	N2	Additional Name Information	O	2	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	1	
	LOOP ID - ANI					>1
N	1000	ANI	Animal Identification	M	1	
N	1100	ARC	Animal Results Counts	M	>1	
	1200	GDP	General Dosing Parameters	O	>1	
	1300	ADI	Animal Disposition	O	1	
	1400	ATR	Animal Test Result	O	>1	
	LOOP ID - AOL					>1
N	1500	AOL	Animal Observation Location	O	1	

	1600	MSG	Message Text	O	>1	
	LOOP ID - AOR					>1
N	1700	AOR	Animal Observation Result	O	1	
N	1800	NTE	Note/Special Instruction	M	>1	
	1900	MSG	Message Text	O	>1	
	LOOP ID - AST					>1
N	2000	AST	Animal Reproductive Status	O	1	
	2100	ADT	Animal Parturition Status	O	1	
	2200	AOC	Animal Offspring Counts	O	>1	
	LOOP ID - AOI					>1
N	2300	AOI	Animal Offspring/Fetus Identification	O	1	
N	2400	ATR	Animal Test Result	O	>1	
	LOOP ID - AOL					>1
N	2500	AOL	Animal Observation Location	O	1	
	2600	MSG	Message Text	O	>1	
	LOOP ID - AOR					>1
N	2700	AOR	Animal Observation Result	O	1	
N	2800	NTE	Note/Special Instruction	M	>1	
	2900	MSG	Message Text	O	>1	
	3000	SE	Transaction Set Trailer	M	1	

Notes

1/0400 The N1 loop designates the study originator(s) or participating laboratory, study submitter(s) and author(s). The primary contact shall be listed in each case.

2/0100 The Group Identification (GID) loop reports the study group information. Each unique combination of dose level and gender is defined as a separate group.

2/0300 One or more Message Text (MSG) segment(s) identifies the test substance/compound name.

2/0500 The REF segment is used to specify both the animal species and the strain of animals used within this group on this study.

2/0600 The N1 loop reports the names and addresses associated with the animal source supplier.

2/1000 The Animal (ANI) loop reports individual animal information.

2/1100 One or more Animal Results Counts (ARC) segment(s) report the count of each type of result for this animal.

2/1500 The Animal Observation Location (AOL) loop indicates the location of an observation result.

2/1700 The Animal Observation Result (AOR) loop reports an observation type result for the specified location and individual animal.

2/1800 One or more Note/Special Instruction (NTE) segment(s) describe the observed change in the animal observation location.

2/2000 The Animal Reproductive Status (AST) loop specifies individual reproductive status and counts of offspring/fetal data.

2/2300 The Animal Offspring Identification (AOI) loop uniquely identifies each offspring/fetus for the individual animal specified.

2/2400 The Animal Test Results (ATR) segment reports reproductive/developmental test results for the individual offspring specified.

2/2500 The Animal Observation Location (AOL) loop indicates the location of an observation result for a reproductive/developmental study.

2/2700 The Animal Observation Results (AOR) loop reports an observation type result for the specified location and individual offspring on a reproductive/developmental study.

2/2800 One or more Note/Special Instruction (NTE) segment(s) describe the observed change in the offspring observation location.

250 - Purchase Order Shipment Management Document

FUNCTIONAL GROUP=**PV**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Shipment Management Document Transaction Set (250) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow a retailer or manufacturer to communicate purchase order data, to a transportation provider, for the purpose of managing the purchase order cycle from the time of pickup request through delivery.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	L11	Business Instructions and Reference Number	O	10	
0400	SSD	Shipment Sort Segregate Data	O	999999	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0100					>1
0100	PRF	Purchase Order Reference	M	1	
0200	L11	Business Instructions and Reference Number	O	>1	
0300	FOB	F.O.B. Related Instructions	O	1	
0400	G05	Total Shipment Information	O	1	
0500	DTM	Date/Time Reference	O	10	
0600	H3	Special Handling Instructions	O	6	
LOOP ID - 0110					>1
0700	N1	Party Identification	O	1	
0800	N2	Additional Name Information	O	1	
0900	N3	Party Location	O	2	
1000	N4	Geographic Location	O	1	
1100	L11	Business Instructions and Reference Number	O	>1	
1200	G05	Total Shipment Information	O	1	
1300	DTM	Date/Time Reference	O	10	
1400	SE	Transaction Set Trailer	M	1	

251 - Pricing Support

FUNCTIONAL GROUP=**CP**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Pricing Support Transaction Set (251) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to request or transmit budget or actual data for labor and overhead rates, factors, and other supporting data for a specified period of time.

This bi-directional transaction set can stand alone, or can be used to support the Contract Pricing Proposal (805) Transaction Set.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	SPI	Specification Identifier	M	1	
	0500	DTM	Date/Time Reference	O	>1	
	0600	CUR	Currency	O	>1	
	0700	MTX	Text	O	>1	
	LOOP ID - REF					>1
	0750	REF	Reference Information	O	1	
	0780	DTM	Date/Time Reference	O	>1	
	LOOP ID - N1					>1
N	0800	N1	Party Identification	O	1	
	0900	N2	Additional Name Information	O	2	
	1000	N3	Party Location	O	2	
	1100	N4	Geographic Location	O	1	
	1200	REF	Reference Information	O	>1	
	1300	G61	Contact	O	5	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - PPL					>1
N	0100	PPL	Price Support Data	O	1	
	LOOP ID - REF					>1
	0200	REF	Reference Information	O	1	
	0250	DTM	Date/Time Reference	O	>1	
	LOOP ID - PD					>1
	0300	PD	Pricing Data	O	1	
	0400	PDD	Pricing Data Detail	O	>1	
	LOOP ID - PL					>1
	0500	PL	Proposal Cost Logic	O	1	
	0600	REF	Reference Information	O	>1	
	0700	AMT	Monetary Amount Information	O	1	

	0800	PCT	Percent Amounts	O	1	
	0900	QTY	Quantity Information	O	1	
	1000	NTE	Note/Special Instruction	O	>1	
LOOP ID - PD						>1
	1100	PD	Pricing Data	O	1	
	1200	SPI	Specification Identifier	O	1	
	1300	REF	Reference Information	O	>1	
	1400	PDD	Pricing Data Detail	O	>1	
	1500	MTX	Text	O	>1	
	1600	DTM	Date/Time Reference	O	10	
LOOP ID - PO1						>1
N	1700	PO1	Baseline Item Data	O	1	
	1800	PID	Product/Item Description	O	1	
	1900	QTY	Quantity Information	O	>1	
	1950	REF	Reference Information	O	>1	
LOOP ID - AMT						>1
	2000	AMT	Monetary Amount Information	O	1	
	2100	PCT	Percent Amounts	O	>1	
	2150	MTX	Text	O	>1	
LOOP ID - LX						>1
N	2300	LX	Transaction Set Line Number	O	1	
	2400	QTY	Quantity Information	M	1	
	2500	AMT	Monetary Amount Information	O	2	
	2600	NTE	Note/Special Instruction	O	5	
	2700	REF	Reference Information	O	1	
	2800	DTM	Date/Time Reference	O	1	
LOOP ID - N1						1
	2900	N1	Party Identification	O	1	
	3000	N2	Additional Name Information	O	2	
	3100	N3	Party Location	O	2	
	3200	N4	Geographic Location	O	1	
	3300	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The SPI segment identifies the security classification or contractor level of protection for the pricing support, the contract or proposal number against which the pricing support applies, and whether the pricing support is certified.

1/0800 When the N1 loop is used, it will carry the name and address of the party to be contacted if clarification about the proposal or requests for additional information concerning the proposal is required.

2/0100 The PPL loop identifies the proposal schedules (e.g., G&A expenses, overhead expenses) included in the transaction. PPL01 carries a code that identifies the schedule type, and PPL04 carries a free-form description or name of the schedule.

2/1700 The PO1 loop provides bill of material and purchase history information.

2/2300 The LX loop provides purchase history information.

252 - Insurance Producer Administration

FUNCTIONAL GROUP=**IE**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Insurance Producer Administration Transaction Set (252) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set is used to transmit insurance producer information (licensing and appointment data, background information, etc.) among insurance companies and insurance distributors such as agents, brokers, and their organizations.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	DTP	Date or Time or Period	O	>1	
	LOOP ID - NM1					>1
	0400	NM1	Individual or Organizational Name	O	1	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	REF	Reference Information	O	9	
	0800	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - N1					>1
N	0010	N1	Party Identification	M	1	
	0015	N2	Additional Name Information	O	3	
	0020	N3	Party Location	O	3	
	0025	N4	Geographic Location	O	1	
	0030	N9	Extended Reference Information	O	>1	
	0040	DTM	Date/Time Reference	O	>1	
	LOOP ID - ENT					>1
N	0100	ENT	Entity	M	1	
	0200	ASI	Action or Status Indicator	M	1	
	0300	DTP	Date or Time or Period	O	>1	
N	0400	YNQ	Yes/No Question	O	>1	
	0500	REF	Reference Information	O	>1	
	0600	DMG	Demographic Information	O	1	
	0700	DMA	Additional Demographic Information	O	1	
	0740	DMH	Extended Demographic Information	O	1	
	0800	AM1	Informational Values	O	>1	
	0850	AMT	Monetary Amount Information	O	1	
	0900	MSG	Message Text	O	>1	
	LOOP ID - NM1					>1
N	1000	NM1	Individual or Organizational Name	O	1	
	1100	N2	Additional Name Information	O	3	

	1200	EMS	Employment Position	O	1	
	1300	DTP	Date or Time or Period	O	>1	
LOOP ID - N9						>1
N	1350	N9	Extended Reference Information	O	1	
	1360	AM1	Informational Values	O	1	
LOOP ID - N3						>1
	1400	N3	Party Location	O	1	
	1500	N4	Geographic Location	O	1	
	1600	COM	Communication Contact Information	O	9	
	1700	DTP	Date or Time or Period	O	>1	
LOOP ID - LX						>1
N	1750	LX	Transaction Set Line Number	O	1	
	1800	N9	Extended Reference Information	O	1	
	1900	N4	Geographic Location	O	>1	
	1950	DTP	Date or Time or Period	O	>1	
LOOP ID - REF						>1
	2000	REF	Reference Information	O	1	
N	2100	NM1	Individual or Organizational Name	O	1	
LOOP ID - UC						>1
N	2200	UC	Underwriting Category	O	1	
	2300	III	Information	O	>1	
	2400	EMS	Employment Position	O	1	
N	2500	NM1	Individual or Organizational Name	O	1	
	2600	N3	Party Location	O	3	
	2700	N4	Geographic Location	O	1	
	2800	PER	Administrative Communications Contact	O	9	
	2900	DTP	Date or Time or Period	O	>1	
	3000	CDS	Case Description	O	1	
	3100	CED	Administration of Justice Event Description	O	>1	
	3200	TST	Test Score Record	O	1	
	3300	SRE	Test Scores	O	1	
	3400	MSG	Message Text	O	>1	
LOOP ID - LIC						>1
N	3500	LIC	License Information	O	1	
	3600	DTP	Date or Time or Period	O	>1	
	3650	AM1	Informational Values	O	>1	
LOOP ID - LIN						>1
	3700	LIN	Item Identification	O	1	
	3800	DTP	Date or Time or Period	O	>1	
LOOP ID - ACT						>1
N	3900	ACT	Account Identification	O	1	
LOOP ID - SPA						>1
	4000	SPA	Status of Product or Activity	O	1	
	4100	N4	Geographic Location	O	1	

	4200	DTP	Date or Time or Period	O	>1			
N	4300	YNQ	Yes/No Question	O	1			
	4350	AM1	Informational Values	O	>1			
	4400	REF	Reference Information	O	3			
	4500	MSG	Message Text	O	>1			
LOOP ID - LIN						>1		
	4600	LIN	Item Identification	O	1			
	4700	DTP	Date or Time or Period	O	>1			
LOOP ID - PWK							>1	
N	4800	PWK	Paperwork	O	1			
	4900	NM1	Individual or Organizational Name	O	1			
	5000	N4	Geographic Location	O	1			
	5100	DTP	Date or Time or Period	O	>1			
LOOP ID - EFI							>1	
N	5200	EFI	Electronic Format Identification	O	1			
	5300	BIN	Binary Data Segment	M	1			
	5400	SE	Transaction Set Trailer	M	1			

Notes

2/0010 The N1 loop repeats for each company or intermediate distributor.
2/0100 The ENT loop repeats for each individual producer.
2/0400 The YNQ segment indicates pending new business for the producer.
2/1000 The NM1 loop reports all names and addresses for the producer.
2/1350 The N9 loop is used to provide producer team information including team member reference identifiers and percentage due those team members when commissions are payable.
2/1750 The LX loop is used to report transfers of business between producers.
2/2100 The NM1 segment identifies transferred policy owners.
2/2200 The UC loop is used to report background information.
2/2500 The NM1 segment identifies parties related to the background events.
2/3500 The LIC loop is used to report state license information.
2/3900 The ACT loop reports company appointments.
2/4300 The YNQ segment indicates corporate appointments.
2/4800 The PWK loop reports the status and locations of required documents.
2/5200 The EFI loop is used to transmit images of required forms and signatures.

255 - Underwriting Information Services

FUNCTIONAL GROUP=**UI**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Underwriting Information Services Transaction Set (255) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to request specific services from information providers in support of the underwriting process. In addition, the standard can be used between trading partners to request/receive status information on outstanding requests.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	CUR	Currency	O	1	
	LOOP ID - NM1					9
N	0400	NM1	Individual or Organizational Name	O	1	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	REF	Reference Information	O	9	
	0800	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - ACT					>1
N	0100	ACT	Account Identification	M	1	
	0200	AM1	Informational Values	O	9	
	0300	PWK	Paperwork	O	1	
	0400	REF	Reference Information	O	>1	
	0500	PER	Administrative Communications Contact	O	3	
	0600	DTM	Date/Time Reference	O	9	
	0700	MSG	Message Text	O	9	
	0750	YNQ	Yes/No Question	O	15	
N	0760	NTE	Note/Special Instruction	O	>1	
	LOOP ID - NM1					>1
N	0800	NM1	Individual or Organizational Name	M	1	
	0900	N2	Additional Name Information	O	3	
	LOOP ID - LX					>1
	0950	LX	Transaction Set Line Number	M	1	
	1000	N3	Party Location	O	3	
	1100	N4	Geographic Location	O	1	
	1200	ASI	Action or Status Indicator	O	1	
	1300	PER	Administrative Communications Contact	O	3	
	1400	DMG	Demographic Information	O	1	
	1440	DMH	Extended Demographic Information	O	1	
	1500	IND	Additional Individual Demographic Information	O	1	

	1600	CD2	Multi-Valued Characteristics	O	9	
	1700	MSG	Message Text	O	9	
LOOP ID - EFI						>1
N	1800	EFI	Electronic Format Identification	O	1	
	2000	BIN	Binary Data Segment	O	1	
LOOP ID - PO1						>1
N	2100	PO1	Baseline Item Data	O	1	
	2200	ASI	Action or Status Indicator	O	1	
	2300	DMA	Additional Demographic Information	O	9	
	2400	REF	Reference Information	O	9	
	2500	DTP	Date or Time or Period	O	9	
	2600	MSG	Message Text	O	9	
	2650	LS	Loop Header	O	1	
LOOP ID - LX						>1
N	2700	LX	Transaction Set Line Number	O	1	
	2800	NM1	Individual or Organizational Name	M	1	
	2900	N2	Additional Name Information	O	3	
	3000	NX2	Location ID Component	O	>1	
	3100	N4	Geographic Location	O	1	
	3150	REC	Real Estate Condition	O	1	
	3200	IND	Additional Individual Demographic Information	O	1	
	3300	EMS	Employment Position	O	1	
	3400	PER	Administrative Communications Contact	O	3	
	3500	CN1	Contract Information	O	1	
	3600	DTP	Date or Time or Period	O	9	
	3700	CD2	Multi-Valued Characteristics	O	9	
	3800	REF	Reference Information	O	9	
	3900	PWK	Paperwork	O	1	
	4000	MSG	Message Text	O	9	
	4020	AM1	Informational Values	O	>1	
	4050	LE	Loop Trailer	O	1	
	4100	SE	Transaction Set Trailer	M	1	

Notes

1/0400 The NM1 loop allows for one or more insurance companies to request the same information.

2/0100 The ACT loop is the primary loop for the requested services. It is based on the procurement of services for a unique policy/application/account or other unique identifier for one or more proposed insureds. The ACT segment contains the case identification.

2/0760 The NTE segment is used to communicate specific underwriting instructions to the service provider.

2/0800 The NM1 loop contains proposed insured's name, address & other information necessary to identify him/her. It is possible that there may be multiple proposed insureds within a policy number in one ACT loop.

2/1800 The EFI is included to provide a vehicle for capturing the proposed insured's signature to authorize specific services.

2/2100 The PO1 loop contains services requested to be performed by the information provider.

2/2700 The LX loop contains detailed information sources used by the information provider in completing their assignments. These could be doctors, clinics, employers, and other references. The LX segment is used as a unique reference number within the PO1 loop.

256 - Periodic Compensation

FUNCTIONAL GROUP=**PE**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Periodic Compensation Transaction Set (256) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set is used to report compensation data, including compensation amounts, compensation earned, compensation paid, adjustments and balances.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BSC	Beginning Segment for Commission Sales Report and Periodic Compensation	M	1	
	0300	CUR	Currency	O	1	
	0400	N9	Extended Reference Information	O	9	
	0500	DTP	Date or Time or Period	O	9	
	LOOP ID - NM1					2
	0600	NM1	Individual or Organizational Name	O	1	
	0700	N3	Party Location	O	3	
	0800	N4	Geographic Location	O	1	
	0900	REF	Reference Information	O	9	
	1000	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - N1					>1
N	0100	N1	Party Identification	M	1	
	0200	N2	Additional Name Information	O	2	
	0300	REF	Reference Information	O	9	
	0400	N3	Party Location	O	3	
	0500	N4	Geographic Location	O	1	
	0550	DTP	Date or Time or Period	O	>1	
	LOOP ID - BLI					>1
N	0600	BLI	Basic Baseline Item Data	O	1	
	0700	REF	Reference Information	O	>1	
	0800	DTP	Date or Time or Period	O	>1	
	0900	AMT	Monetary Amount Information	O	>1	
	1000	BLN	Balance Information	O	9	
	1050	RPA	Rate Amounts or Percents	O	>1	
	LOOP ID - NM1					>1
	1100	NM1	Individual or Organizational Name	O	1	
	1200	N2	Additional Name Information	O	2	
	1300	REF	Reference Information	O	9	
	1400	N3	Party Location	O	3	
	1500	N4	Geographic Location	O	1	

	1600	DMG	Demographic Information	O	1	
	1640	DMH	Extended Demographic Information	O	1	
	1700	DTP	Date or Time or Period	O	9	
	LOOP ID - AM1					>1
N	1800	AM1	Informational Values	O	1	
	1900	REF	Reference Information	O	9	
	2000	III	Information	O	9	
	2100	DTP	Date or Time or Period	O	9	
	LOOP ID - AMT					>1
N	2200	AMT	Monetary Amount Information	O	1	
N	2300	REF	Reference Information	O	1	
	2400	MSG	Message Text	O	9	
	LOOP ID - RPA					>1
N	2500	RPA	Rate Amounts or Percents	O	1	
	2600	III	Information	O	9	
	LOOP ID - ENT					>1
N	2700	ENT	Entity	O	1	
	2800	REF	Reference Information	O	9	
	2900	NM1	Individual or Organizational Name	O	1	
	3000	N2	Additional Name Information	O	2	
	3100	N3	Party Location	O	3	
	3200	N4	Geographic Location	O	1	
	3300	ADX	Adjustment	O	9	
	3350	QTY	Quantity Information	O	>1	
	3400	AMT	Monetary Amount Information	O	>1	
	3500	BLN	Balance Information	O	>1	
	3550	MSG	Message Text	O	>1	
	3600	SE	Transaction Set Trailer	M	1	

Notes

2/0100 The N1 loop repeats for each company paying compensations.
2/0600 The BLI loop contains data for each individual contract.
2/1800 The AM1 loop contains calculations for each contract activity.
2/2200 Each AMT loop contains compensation details for each entity.
2/2300 REF02 contains the reference number identifying the entity receiving compensation.
2/2500 The RPA loop contains compensation calculation details.
2/2700 The ENT segment identifies each organization or individual receiving compensations.

259 - Residential Mortgage Insurance Explanation of Benefits

FUNCTIONAL GROUP=**MG**
SUBCOMMITTEE=**F**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Residential Mortgage Insurance Explanation of Benefits Transaction Set (259) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to transmit the results of a claim for mortgage insurance benefits, referred to as an explanation of benefits (EOB), between a mortgage insurer and the customer receiving the financial benefit. This standard can be used for transmitting the results of both pool and primary mortgage insurance claims.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - 0100					>1
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	1	
	0600	N4	Geographic Location	O	1	
	0700	REF	Reference Information	O	1	
	0800	PER	Administrative Communications Contact	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0200					>1
N	0100	N9	Extended Reference Information	M	1	
	0200	DTM	Date/Time Reference	M	>1	
	0300	AMT	Monetary Amount Information	M	1	
	0400	DFI	Default Information	M	1	
	0500	REF	Reference Information	O	>1	
	0600	PER	Administrative Communications Contact	O	1	
	0700	PCT	Percent Amounts	O	1	
	0800	MSG	Message Text	O	>1	
	LOOP ID - 0300					>1
N	0900	N1	Party Identification	M	1	
	1000	N2	Additional Name Information	O	1	
	1100	N3	Party Location	O	1	
	1200	N4	Geographic Location	O	1	
	LOOP ID - 0400					>1
N	1300	DTM	Date/Time Reference	O	1	
	1400	QTY	Quantity Information	O	2	
	1500	INT	Interest	O	1	

	1600	AMT	Monetary Amount Information	O	2	
	1700	III	Information	O	>1	
LOOP ID - 0500						>1
N	1800	FIS	Mortgage Loan Fiscal Data	O	1	
	1900	III	Information	O	>1	
LOOP ID - 0510						>1
	2000	AWD	Amount with Description	O	1	
	2100	AMT	Monetary Amount Information	O	1	
	2200	III	Information	O	>1	
	2300	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The 0100 loop repeats for each individual company.

2/0100 The 0200 Loop contains all information needed for a residential mortgage insurance explanation of benefits document.

2/0900 The 0300 Loop contains the borrower's name and insured property address.

2/1300 The 0400 Loop contains the event items and dates, along with mortgage interest rate intervals and amounts for adjustable interest loans.

2/1800 The 0500 Loop contains detail claimable expense items submitted, the amount authorized for payment, and an explanation of any adjustments.

260 - Application for Mortgage Insurance Benefits

FUNCTIONAL GROUP=**MG**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Application for Mortgage Insurance Benefits Transaction Set (260) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by mortgage lenders to file claims with both government agencies and private mortgage insurers in the event that defaults or foreclosure activity allow for the collection of a third-party guarantee/insurance benefit. The information in a standard format will allow all mortgage insurance claim payments to be requested similarly, whether they be to an investor, insurer, or guarantor.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - 0100					7
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	1	
	0600	N4	Geographic Location	O	1	
N	0700	REF	Reference Information	O	1	
	0800	PER	Administrative Communications Contact	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0200					>1
N	0100	CSI	Claim Status Information	M	1	
N	0200	NM1	Individual or Organizational Name	M	2	
N	0300	REF	Reference Information	M	6	
N	0400	N3	Party Location	M	1	
	0500	N4	Geographic Location	M	1	
	0600	DTP	Date or Time or Period	O	2	
	0700	INT	Interest	O	24	
	0800	MIR	Mortgage Insurance Response	O	1	
	0850	PER	Administrative Communications Contact	O	5	
	0860	PCT	Percent Amounts	O	1	
	0900	NTE	Note/Special Instruction	O	30	
	LOOP ID - 0210					1
	1000	DFI	Default Information	O	1	
	1100	DTP	Date or Time or Period	M	19	
	1200	AMT	Monetary Amount Information	M	4	
	LOOP ID - 0220					1
	1300	REC	Real Estate Condition	O	1	
	1400	AMT	Monetary Amount Information	O	6	
	1500	DTP	Date or Time or Period	O	4	

LOOP ID - 0221						1
	1600	FCL	Foreclosure	O	1	
	1700	DTP	Date or Time or Period	O	5	
LOOP ID - 0230						>1
N	1800	FIS	Mortgage Loan Fiscal Data	O	1	
	1900	DTP	Date or Time or Period	O	1	
	1950	MSG	Message Text	O	1	
	2000	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The 0100 loop identifies the name and address of the sending party, an entity such as the mortgage company, loan servicer, payee or investor, and the receiving party, the mortgage insurer.

1/0700 The REF segment contains an additional supplemental reference number that identifies only the sender.

2/0100 The CSI segment identifies the status of the subject claim within the claim process and provides the date associated with that status.

2/0200 Loop 0200 contains essential information about the subject real estate property. The NM1 segment provides the name of the mortgagor(s).

2/0300 The REF segment contains reference numbers that are case-specific.

2/0400 The N3 and N4 segments refer to the location of the real estate property.

2/1800 The 0230 loop will provide information on mortgage loan fiscal data, such as the fiscal data item name, the credit, debit, and interest amounts associated with the fiscal data item, and the date or time period covered.

261 - Real Estate Information Request

FUNCTIONAL GROUP=**ME**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data content of the Real Estate Information Request Transaction Set (261) for use within an Electronic Data Interchange (EDI) environment. This transaction set can be used to initiate, modify or cancel a request for real estate information. This transaction set will be used to transfer information among real estate industry participants.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0250	TRN	Trace	O	1	
	LOOP ID - N1					3
N	0300	N1	Party Identification	O	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	REF	Reference Information	O	1	
	0800	PER	Administrative Communications Contact	O	10	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LX					>1
N	0050	LX	Transaction Set Line Number	M	1	
N	0070	AM1	Informational Values	O	>1	
	0100	DTP	Date or Time or Period	O	1	
	0200	REF	Reference Information	O	>1	
N	0210	LN1	Loan Specific Data	O	>1	
N	0220	AMT	Monetary Amount Information	O	>1	
N	0230	QTY	Quantity Information	O	>1	
N	0260	PWK	Paperwork	O	>1	
	0270	NTE	Note/Special Instruction	O	>1	
	LOOP ID - NM1					>1
N	0300	NM1	Individual or Organizational Name	O	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	REF	Reference Information	O	1	
	0800	PER	Administrative Communications Contact	O	10	
	0850	DTP	Date or Time or Period	O	2	
	LOOP ID - NX1					>1
N	0900	NX1	Property or Entity Identification	M	1	
	1000	NX2	Location ID Component	M	>1	

	1100	DTP	Date or Time or Period	M	7	
	1200	YNQ	Yes/No Question	O	16	
	1300	REF	Reference Information	O	5	
	1400	PDS	Property Description/Legal Description	O	>1	
	1500	PDE	Property Metes and Bounds Description	O	>1	
	1600	PEX	Property or Housing Expense	O	5	
	1700	REC	Real Estate Condition	O	1	
	1800	REA	Real Estate Property Information	O	1	
	1900	III	Information	O	30	
	2000	AM1	Informational Values	O	>1	
	2100	API	Activity or Process Information	O	10	
	2200	AMT	Monetary Amount Information	O	10	
	2300	QTY	Quantity Information	O	10	
	2400	PCT	Percent Amounts	O	4	
	2500	NTE	Note/Special Instruction	O	10	
LOOP ID - PWK						>1
N	2550	PWK	Paperwork	O	1	
	2560	DTM	Date/Time Reference	O	2	
LOOP ID - IN1						>1
N	2600	IN1	Individual Identification	O	1	
	2700	IN2	Individual Name Structure Components	O	10	
	2750	III	Information	O	>1	
	2780	REF	Reference Information	O	>1	
	2800	PER	Administrative Communications Contact	O	2	
N	2900	DTM	Date/Time Reference	O	2	
	3000	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The N1 loop is used to provide sender, receiver, and third party information.

2/0050 The LX loop contains all information necessary to complete real estate information request.

2/0070 The AM1 segment is used to specify the type of service or report being requested for the property.

2/0210 The LN1 segment is the loan information for the property.

2/0220 The AMT segment is used to provide cost information for the expanded services.

2/0230 The QTY segment is used to provide expanded loan or services information.

2/0260 The PWK segment is used to specify any special report requirements for the requested service.

2/0300 The NM1 loop is used to identify multiple real estate information ship-to and bill-to parties and any interested parties.

2/0900 The NX1 loop contains real estate information and supplies a completed checklist of all relevant documents required by the real estate information provider.

2/2550 The PWK loop accommodates requests for paperwork to be returned within date or time requirements.

2/2600 The IN1 loop is used to identify the borrower, property owner, contact persons for access to the property, and any third party who needs to be notified to facilitate real estate information.

2/2900 The DTM segment is used to provide the Best Time to Contact information.

262 - Real Estate Information Report

FUNCTIONAL GROUP=**ME**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Real Estate Information Report Transaction Set (262) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used for the transfer and reporting of real estate information among real estate industry participants.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0250	TRN	Trace	O	1	
	LOOP ID - 1000					5
N	0300	NM1	Individual or Organizational Name	O	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	PER	Administrative Communications Contact	O	1	
N	0800	REF	Reference Information	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
N	0100	LX	Transaction Set Line Number	M	1	
N	0150	AM1	Informational Values	O	>1	
N	0160	PWK	Paperwork	O	5	
N	0170	SPI	Specification Identifier	O	>1	
N	0180	CUR	Currency	O	1	
	LOOP ID - 2100					>1
N	0280	NX1	Property or Entity Identification	M	1	
	0300	NX2	Location ID Component	M	>1	
N	0500	PDS	Property Description/Legal Description	O	>1	
	0600	PDE	Property Metes and Bounds Description	O	>1	
	0650	REA	Real Estate Property Information	O	1	
N	0700	QTY	Quantity Information	O	25	
N	0800	REF	Reference Information	O	30	
N	0900	DTP	Date or Time or Period	O	6	
N	1000	YNQ	Yes/No Question	O	43	
	1050	CRC	Conditions Indicator	O	10	
N	1100	AMT	Monetary Amount Information	O	10	
N	1200	PCT	Percent Amounts	O	8	
	1250	REC	Real Estate Condition	O	1	
	LOOP ID - 2110					>1
	1260	MEA	Measurements	O	1	

	1270	API	Activity or Process Information	O	1	
	1280	NTE	Note/Special Instruction	O	4	
LOOP ID - 2120						**>1**
N	1300	III	Information	O	1	
	1400	MSG	Message Text	O	10	
LOOP ID - 2130						**>1**
N	1420	PEX	Property or Housing Expense	O	1	
N	1440	DTP	Date or Time or Period	O	1	
N	1460	III	Information	O	>1	
LOOP ID - 2140						**>1**
N	1500	LQ	Industry Code Identification	O	1	
	1600	REF	Reference Information	O	1	
	1700	QTY	Quantity Information	O	10	
	1750	MEA	Measurements	O	10	
	1800	AMT	Monetary Amount Information	O	7	
	1900	MSG	Message Text	O	3	
	1950	DTP	Date or Time or Period	O	2	
	1970	AIN	Income	O	4	
N	1980	III	Information	O	>1	
LOOP ID - 2150						**>1**
N	2000	RET	Real Estate Transaction	O	1	
N	2100	REF	Reference Information	O	>1	
N	2200	DTP	Date or Time or Period	O	>1	
N	2300	PTF	Property Transaction Financials	O	>1	
N	2400	QTY	Quantity Information	O	>1	
N	2500	III	Information	O	>1	
LOOP ID - 2151						**>1**
N	2600	NM1	Individual or Organizational Name	O	1	
	2700	N2	Additional Name Information	O	1	
	2800	N3	Party Location	O	2	
	2900	N4	Geographic Location	O	1	
	3000	PER	Administrative Communications Contact	O	1	
N	3100	REF	Reference Information	O	>1	
LOOP ID - 2152						**>1**
N	3200	LN2	Existing Real Estate Loan Specific Data	O	1	
N	3300	AMT	Monetary Amount Information	O	>1	
N	3400	DTP	Date or Time or Period	O	>1	
LOOP ID - 2200						**>1**
N	3500	IN1	Individual Identification	O	1	
	3600	IN2	Individual Name Structure Components	M	10	
	3700	N3	Party Location	O	2	
	3800	N4	Geographic Location	O	1	
	3900	PER	Administrative Communications Contact	O	1	
	4000	DTP	Date or Time or Period	O	2	

	4050	REF	Reference Information	O	>1	
LOOP ID - 2210						10
N	4100	YNQ	Yes/No Question	O	1	
	4200	REF	Reference Information	M	1	
	4300	DTP	Date or Time or Period	O	2	
LOOP ID - 2211						50
	4400	III	Information	O	1	
	4500	MSG	Message Text	O	10	
	4600	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The NM1 Loop is used to identify the real estate information provider, recipient, and bill-to information.

1/0800 The REF records the real estate information provider's ID and other reference information such as geographic coordinates.

2/0100 Each iteration of the LX loop is used to provide real estate information for the subject property.

2/0150 The AM1 segment records the real estate information service type and report type.

2/0160 The PWK segment records the real estate information type and form information.

2/0170 The SPI identifies and provides category information for any associated binary files such as property photographs, plat maps and floor plans.

2/0180 The CUR identifies the country currency used in the transaction. If the segment is not present then the default currency is U.S. Dollars.

2/0280 The NX1 Loop identifies the property address of the subject property and comparable property sales comparison information.

2/0500 The PDS records legal property identifiers and data sources.

2/0700 The QTY segment records the number of units, and amount of improvements finished above grade.

2/0800 The REF segment identifies the mortgage loan number, file number, Federal Housing Administration or Veterans Administration case number, map reference number, geographic coordinates, census tract, and site Federal Emergency Management Administration map information.

2/0900 The DTP identifies the tax year for real estate taxes, map date, date of sale, reconciliation date, appraisal date and other real estate information dates.

2/1000 The YNQ segment indicates the occupancy, property rights, project type, sales or refinancing, neighborhood characteristics, project information for Planned Urban Developments, corner lot, zoning compliance, best use, Federal Emergency Management Administration special flood hazard area, reconciliation appraisal basis information.

2/1100 The AMT segment records loan charges and concessions, reconciliation of appraised value, indicated value by sales comparison, indicated value by income, and other real estate amount information.

2/1200 The PCT segment records the neighborhood present land use percentage.

2/1300 The III Loop is used to identify neighborhood boundaries and characteristics, marketability, market condition information, and the property's attributes.

2/1420 The PEX Loop identifies the ongoing and recurring property expenses, real estate taxes and special assessments.

2/1440 The DTP records any dates associated with the property expense.

2/1460 The III records items included or covered by the expense or fee.

2/1500 The LQ Loop is used to identify the number, type and location of components within the subject property (e.g. lot, building, rooms, garage) including dimensions and attributes.

2/1980 The III records specific attributes or features of a property area.

2/2000 The RET Loop records both current and historical property transactions such as listings, sales and rentals. Each iteration of the RET Loop represents one real estate transaction.

2/2100 The REF records transaction identifiers such as Multiple Listing Service.

2/2200 The DTP records the real estate transaction dates such as listing date, sales date, expiration date, status dates, closing date, open house date, tour date.

2/2300 The PTF records all financial information associated with the real estate transaction such as list price, sales price, rent, commissions, transfer fees and closing costs. This segment is not used for ongoing property expenses.

2/2400 The QTY records transaction quantity information such as days on market and book quantities ordered.

2/2500 The III records transaction terms, remarks or miscellaneous information.

2/2600 The NM1 Loop records information about each transaction participant (agents, brokers, owners, etc.).

2/3100 The REF records the participant's ID and geographic coordinates.

2/3200 The LN2 Loop records specific loan information. Each loop is used for a different loan.

2/3300 The AMT specifies the loan amounts such as principal, balance and payments.

2/3400 The DTP records the loan dates.

2/3500 The IN1 Loop is used to identify lender or client, real estate information company, appraiser, supervisory appraiser information, local schools, fire districts, etc.

2/4100 The YNQ Loop is used to record certifications and changes made to the definition of market value, statement of limiting conditions, and appraiser certification.

263 - Residential Mortgage Insurance Application Response

FUNCTIONAL GROUP=**ME**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Residential Mortgage Insurance Application Response Transaction Set (263) for use within the context of an Electronic Data Interchange (EDI) environment. This standard is used by a mortgage insurance company to communicate the receipt and disposition of a Residential Mortgage Insurance Application Transaction Set (872). It will be used to provide the mortgage originator with the results of the insurance application and, if accepted, will provide basic information about the insurance coverage. It can also be used to confirm certification of coverage. It is not intended to replace the legal commitment (Certificate of Coverage of Insurance) which will continue to be delivered in its current form.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	N1	Party Identification	M	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LX					>1
	0100	LX	Transaction Set Line Number	M	1	
N	0200	N1	Party Identification	M	1	
	LOOP ID - REF					>1
N	0300	REF	Reference Information	M	1	
N	0400	N1	Party Identification	M	1	
N	0500	MIR	Mortgage Insurance Response	M	1	
N	0600	TXI	Tax Information	O	5	
	0650	N9	Extended Reference Information	O	10	
	0660	MIC	Mortgage Insurance Coverage	O	1	
	LOOP ID - G63					>1
N	0700	G63	Period	O	1	
N	0800	PCT	Percent Amounts	O	1	
	0900	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The N1 segment is used to identify the mortgage insurer and the organization initiating the Mortgage Insurance Application.

2/0200 The N1 segment is used to identify the name and possibly the identification of the insured.

2/0300 The REF segment is used to identify the loan number.

2/0400 The N1 segment is used to identify the borrower's name or social security number, or both.

2/0500 The MIR segment contains the mortgage insurance company's response to the application for mortgage insurance. If accepted, it will contain information about premium and coverage.
2/0600 The TXI segment is used to report state tax due on the mortgage insurance.
2/0700 The G63 segment is used to report the renewal time periods for the mortgage insurance.
2/0800 The PCT segment contains the premium rate used to calculate the renewal premium.

264 - Mortgage Loan Default Status

FUNCTIONAL GROUP=**MG**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Mortgage Loan Default Status Transaction Set (264) for use within an Electronic Data Interchange (EDI) environment. This transaction set will allow all notifications of mortgage loan default/foreclosure status to be filed similarly, whether they be to an insurer, guarantor, investor, or servicer. This transaction set can be used to submit notification of delinquent mortgage loans that could potentially result in foreclosure activity leading to the collection of a third-party guarantee/insurance benefit. This transaction set can also be used to file default status reports, as well as foreclosure and bankruptcy information with servicers, attorneys, trustees, government agencies, private mortgage insurers and investors.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	BGN	Beginning Segment	M	1	
N	0300	MIS	Mortgagee Information Status	O	1	
	LOOP ID - 0100					2
N	0400	N1	Party Identification	M	1	
	0500	N2	Additional Name Information	O	1	
	0600	N3	Party Location	O	1	
N	0700	N4	Geographic Location	O	2	
	0800	PER	Administrative Communications Contact	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0200					>1
N	0100	LX	Transaction Set Line Number	M	1	
N	0150	DTM	Date/Time Reference	O	2	
	0200	N1	Party Identification	O	1	
	0300	N2	Additional Name Information	O	1	
	0400	N3	Party Location	O	1	
	0500	N4	Geographic Location	O	1	
	0600	REF	Reference Information	O	2	
	0700	PER	Administrative Communications Contact	O	2	
	0800	QTY	Quantity Information	O	2	
	0900	AMT	Monetary Amount Information	O	2	
	LOOP ID - 0210					>1
N	1000	DTP	Date or Time or Period	M	1	
N	1100	REF	Reference Information	M	10	
	LOOP ID - 0211					>1
N	1200	N1	Party Identification	O	1	
	1300	N2	Additional Name Information	O	1	

N	1400	N3	Party Location	O	1	
	1500	N4	Geographic Location	O	1	
	1600	PER	Administrative Communications Contact	O	2	
	1650	REF	Reference Information	O	4	
	1700	LS	Loop Header	O	1	
LOOP ID - 0212						1
N	1800	REC	Real Estate Condition	O	1	
N	1900	N3	Party Location	O	1	
	2000	N4	Geographic Location	O	1	
N	2100	DFI	Default Information	O	>1	
	2200	QTY	Quantity Information	O	1	
	2300	AMT	Monetary Amount Information	O	10	
	2400	INT	Interest	O	1	
	2500	SOM	Status of Mortgage	O	10	
	2600	DTP	Date or Time or Period	O	14	
	2700	MRC	Mortgagor Response Characteristics	O	2	
N	2800	MSG	Message Text	O	11	
N	2810	YNQ	Yes/No Question	O	2	
	2820	PER	Administrative Communications Contact	O	>1	
	2900	LE	Loop Trailer	O	1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	QTY	Quantity Information	O	2	
	0200	AMT	Monetary Amount Information	O	2	
	0300	SE	Transaction Set Trailer	M	1	

Notes

1/0200 The BGN segment indicates whether the set is a corrected and verified or an advance notification transmission.

1/0300 The MIS segment provides information on the name and address change of the sending party.

1/0400 Loop 0100 identifies the sending and or the receiving parties.

1/0700 N4 may also contain the geographical location of the sender's principal servicing office, if any.

2/0100 Each iteration of loop 0200 is used to provide mortgagee information associated with a specific group of mortgages.

2/0150 The DTM segment contains the reporting date of the loan defaults.

2/1000 Loop 0210 is used to provide detail loan default information on a specific mortgage loan.

2/1000 The DTP segment contains the reporting date or a key loan associated date for the loan default.

2/1100 The REF segment provides the associated reference numbers for a specific mortgage loan.

2/1200 Loop 0211 provides information on the mortgagor, or the property owner, or the investor.

2/1400 The N3 and N4 segments contain the address information for the property.

2/1800 Loop 0212 contains detail loan default and foreclosure information on a specific mortgage loan.

2/1800 The REC segment provides information on the real estate condition of the property. REC04 and REC05 provide information on damage and number of living units on the property and

are not used in transaction set 264.

2/1900 The N3 and N4 segments provide the address information for the property.

2/2100 The DFI, QTY, AMT, INT, SOM, DTP and MRC segments provide detail default information on the mortgage loan.

2/2800 The MSG segment provides loan detail remarks or comments.

2/2810 The YNQ segment is used to identify whether the property has fire insurance only, or a servicer had advanced funds on non-escrowed taxes.

3/0100 QTY and AMT provide loan administration summaries for all mortgages reported in Table 2.

265 - Real Estate Title Insurance Services Order

FUNCTIONAL GROUP=**TO**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents for the Real Estate Title Insurance Services Order (265) Transaction Set for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a real estate agent, mortgage lender, or other real estate company to order, update, or cancel title services from a title insurance services company. This standard can also be used by the title services company to return title information to the party originating the order. This transaction set replaces the paper forms used to request services such as title searches and insurance, and replaces mortgage closing documents.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - N1					5
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	REF	Reference Information	O	12	
	0800	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LX					>1
	0100	LX	Transaction Set Line Number	M	1	
N	0200	REF	Reference Information	M	12	
N	0300	PDS	Property Description/Legal Description	M	20	
N	0400	PDE	Property Metes and Bounds Description	O	>1	
	0500	NX1	Property or Entity Identification	O	1	
	0600	NX2	Location ID Component	O	30	
	0700	PRD	Mortgage Loan Product Description	O	1	
	0800	LRQ	Mortgage Characteristics Requested	O	1	
	0900	LN1	Loan Specific Data	O	1	
	1000	MSG	Message Text	O	100	
	LOOP ID - IN1					>1
	1100	IN1	Individual Identification	O	1	
	1200	IN2	Individual Name Structure Components	O	30	
	1300	DMG	Demographic Information	O	1	
	1400	FPT	Financial Participation	O	1	
	LOOP ID - N4					>1
	1500	N4	Geographic Location	O	1	
	1600	N3	Party Location	O	2	

1700	PER	Administrative Communications Contact	O	4	
LOOP ID - MCD					>1
1800	MCD	Mortgage Closing Data	O	1	
1900	AMT	Monetary Amount Information	O	50	
LOOP ID - N1					>1
2000	N1	Party Identification	O	1	
2100	N2	Additional Name Information	O	2	
2200	N3	Party Location	O	2	
2300	N4	Geographic Location	O	1	
2400	REF	Reference Information	O	12	
2500	PER	Administrative Communications Contact	O	3	
2600	AMT	Monetary Amount Information	O	2	
LOOP ID - TIS					>1
2700	TIS	Title Insurance Services	O	1	
2800	AMT	Monetary Amount Information	O	30	
LOOP ID - PWK					5
2900	PWK	Paperwork	O	1	
3000	N1	Party Identification	O	1	
3100	N2	Additional Name Information	O	2	
3200	N3	Party Location	O	2	
3300	N4	Geographic Location	O	1	
3400	REF	Reference Information	O	12	
3500	PER	Administrative Communications Contact	O	3	
3550	LS	Loop Header	O	1	
LOOP ID - TIS					>1
3600	TIS	Title Insurance Services	O	1	
3700	AMT	Monetary Amount Information	O	30	
3800	MSG	Message Text	O	100	
3850	LE	Loop Trailer	O	1	
3900	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The N1 loop is used to name the party requesting information.

2/0200 The REF segment is used for the client's property reference number.

2/0300 The PDS segment is used to supply property description detail. This may be a simple legal description of the property such as lot, block and subdivision.

2/0400 The PDE segment provides for the transmission of a Property Metes and Bounds legal description. This type of description generally consists of several points of reference and a series of directions, angles, and distances.

266 - Mortgage or Property Record Change Notification

FUNCTIONAL GROUP=**MG**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Mortgage or Property Record Change Notification Transaction Set (266) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by financial institutions such as Mortgagees, Lienholders, and Lessors to inform interested parties such as Insurers, Investors, and Taxing Authorities of mortgage or property record changes. This transaction set is intended to be used by financial institutions to communicate change notifications, such as the sale of mortgages, assumptions, transfers, and terminations of interest.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	BGN	Beginning Segment	M	1	
	LOOP ID - 0100					>1
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	PER	Administrative Communications Contact	O	2	
	0800	REF	Reference Information	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0200					>1
N	0100	LX	Transaction Set Line Number	M	1	
N	0200	API	Activity or Process Information	O	2	
	0300	DTP	Date or Time or Period	O	>1	
	0400	QTY	Quantity Information	O	2	
	0500	AMT	Monetary Amount Information	O	1	
	LOOP ID - 0210					>1
N	0600	N1	Party Identification	O	1	
	0700	N2	Additional Name Information	O	1	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	1	
	1000	REF	Reference Information	O	2	
	1100	PER	Administrative Communications Contact	O	2	
	LOOP ID - 0220					>1
N	1200	N9	Extended Reference Information	M	1	
	LOOP ID - 0221					>1
N	1300	NM1	Individual or Organizational Name	O	1	

	1400	N2	Additional Name Information	O	1	
	1500	N3	Party Location	O	2	
	1600	N4	Geographic Location	O	1	
	1700	PER	Administrative Communications Contact	O	2	
	1800	REF	Reference Information	O	>1	
	1850	IPU	Insurance Policy Update Information	O	1	
	LOOP ID - 0222					>1
N	1900	API	Activity or Process Information	M	1	
	2000	N3	Party Location	O	2	
	2100	N4	Geographic Location	O	1	
	2200	DTP	Date or Time or Period	O	>1	
	2300	REF	Reference Information	O	>1	
	2400	CRC	Conditions Indicator	O	10	
	2500	QTY	Quantity Information	O	1	
	2600	AMT	Monetary Amount Information	O	1	
	2700	INT	Interest	O	1	
	2800	PCT	Percent Amounts	O	1	
	2900	NTE	Note/Special Instruction	O	100	
	2920	VEH	Vehicle Information	O	1	
	2940	PID	Product/Item Description	O	>1	
	2945	IPU	Insurance Policy Update Information	O	1	
	2950	PPI	Policy Premium Payment Information	O	1	
	3000	SE	Transaction Set Trailer	M	1	

Notes

1/0200 BGN indicates whether the set is an original or a corrected and verified transmission.

1/0300 Loop 0100 provides information on the principal parties of this transaction, such as the sending and receiving parties.

2/0100 Loop 0200 contains group level reporting information.

2/0200 API indicates the reporting type.

2/0600 Loop 0210 identifies the parties involved in the reporting process.

2/1200 Loop 0220 contains mortgage loan detail level information.

2/1300 Loop 0221 contains information on the individual or parties associated with the loan.

2/1900 API identifies the status of a specific loan or actions to be taken towards the loan.

2/1900 Loop 0222 contains loan specific details, identifies the property associated with a mortgage loan, and loan handling information.

267 - Individual Life, Annuity and Disability Application

FUNCTIONAL GROUP=**AD**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Individual Life, Annuity and Disability Application Transaction Set (267) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set is used to transmit new business application information among distributors (agents, broker/dealers, etc.), insurance companies and reinsurance companies for the purpose of underwriting an individual life, annuity or disability contract.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	DTP	Date or Time or Period	O	>1	
	LOOP ID - NM1					>1
	0400	NM1	Individual or Organizational Name	O	1	
	0500	N3	Party Location	O	3	
	0600	N4	Geographic Location	O	1	
	0700	REF	Reference Information	O	9	
	0800	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - N1					>1
N	0010	N1	Party Identification	M	1	
	0015	N2	Additional Name Information	O	3	
	0020	N3	Party Location	O	3	
	0025	N4	Geographic Location	O	1	
	0030	N9	Extended Reference Information	O	>1	
	0040	DTM	Date/Time Reference	O	>1	
	LOOP ID - ACT					>1
N	0050	ACT	Account Identification	M	1	
	0100	ASI	Action or Status Indicator	O	1	
	0150	PER	Administrative Communications Contact	O	>1	
	0200	C3	Currency Identifier	O	1	
	0250	LUI	Language Use	O	>1	
	0300	DTP	Date or Time or Period	O	>1	
	0350	BLI	Basic Baseline Item Data	O	1	
	0400	LIN	Item Identification	O	>1	
	0450	PDL	Payment Details	O	>1	
	0500	AM1	Informational Values	O	>1	
	0550	AMT	Monetary Amount Information	O	>1	

	0575	QTY	Quantity Information	O	>1	
N	0600	YNQ	Yes/No Question	O	>1	
	0650	REF	Reference Information	O	>1	
LOOP ID - LQ						>1
N	0660	LQ	Industry Code Identification	O	1	
	0670	N4	Geographic Location	O	>1	
	0680	LUI	Language Use	O	>1	
LOOP ID - SI						>1
N	0700	SI	Service Characteristic Identification	O	1	
	0750	AMT	Monetary Amount Information	O	>1	
	0800	DTP	Date or Time or Period	O	>1	
	0850	REF	Reference Information	O	>1	
	0900	NM1	Individual or Organizational Name	O	1	
	0950	N4	Geographic Location	O	1	
	1000	MSG	Message Text	O	>1	
LOOP ID - PID						>1
N	1050	PID	Product/Item Description	O	1	
	1100	BLI	Basic Baseline Item Data	O	1	
	1150	SPA	Status of Product or Activity	O	1	
	1200	UD	Underwriting Status	O	1	
	1250	AMT	Monetary Amount Information	O	>1	
	1300	AM1	Informational Values	O	>1	
	1350	PDL	Payment Details	O	>1	
	1400	QTY	Quantity Information	O	>1	
	1450	DTP	Date or Time or Period	O	>1	
	1500	MSG	Message Text	O	>1	
LOOP ID - INV						>1
	1550	INV	Investment Vehicle Selection	O	1	
	1600	AM1	Informational Values	O	>1	
	1650	DTP	Date or Time or Period	O	>1	
	1700	QTY	Quantity Information	O	>1	
	1750	LIN	Item Identification	O	2	
	1800	RPA	Rate Amounts or Percents	O	>1	
LOOP ID - BEN						>1
N	1850	BEN	Beneficiary or Owner Information	O	1	
	1900	NM1	Individual or Organizational Name	O	1	
	1950	N2	Additional Name Information	O	3	
	2000	N3	Party Location	O	3	
	2050	N4	Geographic Location	O	1	
	2100	REF	Reference Information	O	>1	
	2150	DTP	Date or Time or Period	O	>1	
	2200	III	Information	O	>1	
	2250	QTY	Quantity Information	O	>1	
	2270	AMT	Monetary Amount Information	O	>1	
	2300	LUI	Language Use	O	1	
	2350	MSG	Message Text	O	>1	

LOOP ID - ENT						>1
N	2400	ENT	Entity	O	1	
	2410	NX1	Property or Entity Identification	O	2	
	2450	REF	Reference Information	O	>1	
	2500	LIN	Item Identification	O	9	
	2550	DMG	Demographic Information	O	1	
	2600	DMA	Additional Demographic Information	O	1	
	2610	DMH	Extended Demographic Information	O	1	
	2620	IND	Additional Individual Demographic Information	O	1	
	2650	LUI	Language Use	O	1	
	2670	ERI	Entity Relationship	O	1	
	2700	DTP	Date or Time or Period	O	>1	
N	2720	AMT	Monetary Amount Information	O	>1	
	2750	AM1	Informational Values	O	>1	
N	2770	RPA	Rate Amounts or Percents	O	>1	
N	2800	YNQ	Yes/No Question	O	>1	
	2850	QTY	Quantity Information	O	>1	
	2900	MSG	Message Text	O	>1	
LOOP ID - NM1						>1
N	2950	NM1	Individual or Organizational Name	O	1	
	3000	N2	Additional Name Information	O	3	
	3050	REF	Reference Information	O	>1	
	3070	AM1	Informational Values	O	>1	
LOOP ID - N3						>1
	3100	N3	Party Location	O	1	
	3150	N4	Geographic Location	O	1	
	3200	COM	Communication Contact Information	O	9	
	3250	DTP	Date or Time or Period	O	>1	
	3270	QTY	Quantity Information	O	1	
LOOP ID - LQ						>1
N	3300	LQ	Industry Code Identification	O	1	
	3350	SPA	Status of Product or Activity	O	1	
	3400	DTP	Date or Time or Period	O	>1	
	3450	MSG	Message Text	O	>1	
LOOP ID - NM1						>1
N	3500	NM1	Individual or Organizational Name	O	1	
	3550	N3	Party Location	O	3	
	3600	N4	Geographic Location	O	1	
	3650	REF	Reference Information	O	>1	
	3700	COM	Communication Contact Information	O	3	
	3750	LUI	Language Use	O	1	
	3800	DTP	Date or Time or Period	O	>1	
	3850	MSG	Message Text	O	>1	
LOOP ID - BEN						>1
N	3900	BEN	Beneficiary or Owner Information	O	1	
	3950	NM1	Individual or Organizational Name	O	1	

	4000	N2	Additional Name Information	O	3	
	4050	N3	Party Location	O	3	
	4100	N4	Geographic Location	O	1	
	4150	REF	Reference Information	O	>1	
	4200	DTP	Date or Time or Period	O	>1	
	4250	III	Information	O	>1	
	4300	QTY	Quantity Information	O	>1	
	4320	AMT	Monetary Amount Information	O	>1	
	4350	LUI	Language Use	O	1	
	4400	MSG	Message Text	O	>1	
	LOOP ID - PID					>1
N	4450	PID	Product/Item Description	O	1	
	4500	BLI	Basic Baseline Item Data	O	9	
	4550	SPA	Status of Product or Activity	O	1	
	4600	AMT	Monetary Amount Information	O	>1	
	4650	QTY	Quantity Information	O	>1	
	4700	DTP	Date or Time or Period	O	>1	
	4720	YNQ	Yes/No Question	O	>1	
	4750	MSG	Message Text	O	>1	
	LOOP ID - PDL					>1
	4800	PDL	Payment Details	O	1	
	4850	REF	Reference Information	O	>1	
	LOOP ID - INV					>1
	4900	INV	Investment Vehicle Selection	O	1	
	4950	AM1	Informational Values	O	>1	
	5000	DTP	Date or Time or Period	O	>1	
	5050	RPA	Rate Amounts or Percents	O	>1	
	LOOP ID - BEN					>1
N	5100	BEN	Beneficiary or Owner Information	O	1	
	5150	NM1	Individual or Organizational Name	O	1	
	5200	N2	Additional Name Information	O	3	
	5250	N3	Party Location	O	3	
	5300	N4	Geographic Location	O	1	
	5350	REF	Reference Information	O	>1	
	5400	DTP	Date or Time or Period	O	>1	
	5450	III	Information	O	>1	
	5500	QTY	Quantity Information	O	>1	
	5520	AMT	Monetary Amount Information	O	>1	
	5550	LUI	Language Use	O	1	
	5600	MSG	Message Text	O	>1	
	LOOP ID - UC					>1
N	5650	UC	Underwriting Category	O	1	
	LOOP ID - HL					>1
N	5700	HL	Hierarchical Level	O	1	
	5750	UQS	Underwriting Question	O	1	

N	5800	YNQ	Yes/No Question	O	>1			
N	5850	NM1	Individual or Organizational Name	O	1			
	5900	N3	Party Location	O	3			
	5950	N4	Geographic Location	O	1			
	6000	COM	Communication Contact Information	O	9			
	6050	DTP	Date or Time or Period	O	>1			
	6100	QTY	Quantity Information	O	>1			
	6150	MSG	Message Text	O	>1			
	6200	AM1	Informational Values	O	>1			
	6250	AMT	Monetary Amount Information	O	>1			
	6300	III	Information	O	>1			
	6350	EC	Employment Class	O	1			
	6400	EMS	Employment Position	O	1			
	6450	EMP	Employer	O	1			
	6500	PCT	Percent Amounts	O	>1			
	6550	SOI	Source of Income	O	>1			
	6600	LIN	Item Identification	O	2			
	6650	REF	Reference Information	O	>1			
	6700	ASL	Asset Liability	O	>1			
	6750	TOA	Type of Activity	O	>1			
	6800	TOV	Vehicle Use Information	O	>1			
	6850	VEH	Vehicle Information	O	>1			
	6900	CDS	Case Description	O	>1			
	6950	CED	Administration of Justice Event Description	O	>1			
	7000	SIN	Substance Use	O	>1			
	7050	UCS	Underwriting Considerations	O	>1			
	7100	FH	Family History	O	>1			
	7150	SPA	Status of Product or Activity	O	1			
	7200	MPI	Military Personnel Information	O	1			
		LOOP ID - PWK						>1
N	7250	PWK	Paperwork	O	1			
N	7300	NM1	Individual or Organizational Name	O	1			
	7350	N4	Geographic Location	O	1			
	7400	REF	Reference Information	O	>1			
	7450	DTP	Date or Time or Period	O	>1			
	7500	SPA	Status of Product or Activity	O	1			
		LOOP ID - EFI						>1
N	7550	EFI	Electronic Format Identification	O	1			
	7600	BIN	Binary Data Segment	M	1			
		LOOP ID - LX						>1
N	7650	LX	Transaction Set Line Number	O	1			
		LOOP ID - PDL						>1
	7700	PDL	Payment Details	O	1			
	7750	REF	Reference Information	O	>1			
	7780	LS	Loop Header	O	1			
		LOOP ID - AMT						>1

	7800	AMT	Monetary Amount Information	O	1	
N	7850	N1	Party Identification	O	1	
	7900	N3	Party Location	O	2	
	7950	N4	Geographic Location	O	1	
	8000	LIN	Item Identification	O	2	
	8050	DTP	Date or Time or Period	O	>1	
	8100	QTY	Quantity Information	O	>1	
	8150	MSG	Message Text	O	>1	
	LOOP ID - AM1					>1
N	8155	AM1	Informational Values	O	1	
	LOOP ID - INV					>1
	8160	INV	Investment Vehicle Selection	O	1	
	8165	QTY	Quantity Information	O	>1	
	8170	DTP	Date or Time or Period	O	>1	
	8175	RPA	Rate Amounts or Percents	O	>1	
	8190	LE	Loop Trailer	O	1	
	LOOP ID - K2					>1
	8200	K2	Administrative Message	O	1	
	8250	DTP	Date or Time or Period	O	1	
N	8300	NM1	Individual or Organizational Name	O	1	
	8350	SE	Transaction Set Trailer	M	1	

Notes

2/0010 The N1 loop repeats for each company or intermediate distributor.

2/0050 The ACT loop repeats for each individual application.

2/0600 The YNQ segment is used to report answers to application questions identified in YNQ01.

2/0660 The LQ loop is used to report jurisdictional information about the application.

2/0700 The SI loop is used to report policy options being exercised.

2/1050 The PID loop is used to report coverages at the contract level.

2/1850 The BEN loop is used to report beneficiary information that relates only to the coverage's reported in the PID loop.

2/2400 The ENT loop repeats for each entity associated with the policy.

2/2720 The AMT segment is used to report financial information for the entity that is not related to a specific product.

2/2770 The RPA segment is used to allocate commissions that are independent of the product.

2/2800 The YNQ segment reports answers to entity-related questions identified in YNQ01.

2/2950 The NM1 loop identifies the entity.

2/3300 The LQ loop reports underwriting requirements.

2/3500 The NM1 loop identifies information sources for underwriting requirements.

2/3900 The BEN loop is used to report beneficiary information that relates only to a specific entity in the ENT loop.

2/4450 The PID loop is used to report on coverages, service features and riders that relate to a specific entity in the ENT loop.

2/5100 The BEN loop is used to report beneficiary information that relates only to a coverage, service feature or rider in the PID loop.

2/5650 The UC loop is used to report additional risk assessment information.

2/5700 The HL segment is used to build the varying levels of detail that can be reported in the UC loop for different kinds of risk assessment information.
2/5800 The YNQ segment is used to report answers to risk assessment questions.
2/5850 The NM1 segment is used to identify parties related to risk assessment information.
2/7250 The PWK segment is used to report status and disposition of required forms.
2/7300 The NM1 segment identifies the person completing or signing a form.
2/7550 The EFI loop is used to transmit images of required forms and signatures.
2/7650 The LX loop is used to report payments made with the application or in the future.
2/7850 The N1 segment is used to identify payees or payers.
2/8155 The AM1 loop is used to report tax status of payment subtotals.
2/8300 The NM1 segment identifies the originator of the administrative message.

268 - Annuity Activity

FUNCTIONAL GROUP=**PF**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Annuity Activity Transaction Set (268) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set is used to convey annuity account activity from annuity providers to distributors (e.g., broker/dealers, financial planners, banks, savings and loans) for the purpose of communicating account positions and transaction activity.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	C3	Currency Identifier	O	1	
0400	DTP	Date or Time or Period	O	9	
LOOP ID - NM1					2
0500	NM1	Individual or Organizational Name	O	1	
0600	N3	Party Location	O	3	
0700	N4	Geographic Location	O	1	
0800	REF	Reference Information	O	9	
0900	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - N1					>1
N	0100	N1	Party Identification	M	1	
	0150	N2	Additional Name Information	O	3	
	0200	N3	Party Location	O	3	
	0300	N4	Geographic Location	O	1	
	0400	REF	Reference Information	O	9	
	0450	DTP	Date or Time or Period	O	>1	
	LOOP ID - PID					>1
N	0500	PID	Product/Item Description	O	1	
	0600	SPA	Status of Product or Activity	O	3	
	0700	LIN	Item Identification	O	9	
	0800	III	Information	O	9	
	LOOP ID - PO1					>1
N	0900	PO1	Baseline Item Data	O	1	
	1000	SPA	Status of Product or Activity	O	3	
	1100	AMT	Monetary Amount Information	O	3	
	1200	III	Information	O	9	
	LOOP ID - ACT					>1
N	1300	ACT	Account Identification	O	1	
	1400	N3	Party Location	O	3	

	1500	N4	Geographic Location	O	1	
	1600	SPA	Status of Product or Activity	O	3	
	1700	DTP	Date or Time or Period	O	9	
	1800	LIN	Item Identification	O	9	
	1900	PAM	Period Amount	O	9	
	2000	III	Information	O	9	
	LOOP ID - CON					>1
N	2100	CON	Contract Number Detail	O	1	
	2200	REF	Reference Information	O	9	
	2300	LIN	Item Identification	O	9	
	2400	DTP	Date or Time or Period	O	9	
	2500	SPA	Status of Product or Activity	O	3	
	2550	AMT	Monetary Amount Information	O	>1	
	2600	PAM	Period Amount	O	9	
	LOOP ID - NM1					>1
N	2700	NM1	Individual or Organizational Name	O	1	
	2750	N2	Additional Name Information	O	3	
	2800	N3	Party Location	O	3	
	2900	N4	Geographic Location	O	1	
	3000	REF	Reference Information	O	9	
	3100	DMG	Demographic Information	O	1	
	3140	DMH	Extended Demographic Information	O	1	
	3200	BEN	Beneficiary or Owner Information	O	9	
	3300	DTP	Date or Time or Period	O	9	
	3400	ASI	Action or Status Indicator	O	1	
	LOOP ID - BLI					>1
	3500	BLI	Basic Baseline Item Data	O	1	
	3550	LIN	Item Identification	O	3	
	3600	SPA	Status of Product or Activity	O	3	
	3700	DTP	Date or Time or Period	O	9	
	3800	AM1	Informational Values	O	9	
	LOOP ID - IT1					>1
N	3900	IT1	Baseline Item Data (Invoice)	O	1	
	4000	REF	Reference Information	O	1	
	4100	DTP	Date or Time or Period	O	9	
	4200	AM1	Informational Values	O	99	
	4300	SPA	Status of Product or Activity	O	3	
	4400	MSG	Message Text	O	9	
	LOOP ID - ACT					>1
	4500	ACT	Account Identification	O	1	
	4600	LIN	Item Identification	O	9	
	4700	SPA	Status of Product or Activity	O	3	
	4800	AM1	Informational Values	O	>1	
	4900	DTP	Date or Time or Period	O	9	
	5000	MSG	Message Text	O	9	

LOOP ID - NM1								>1
	5100	NM1	Individual or Organizational Name	O	1			
	5110	N2	Additional Name Information	O	3			
	5120	N3	Party Location	O	3			
	5130	N4	Geographic Location	O	1			
	5200	SPA	Status of Product or Activity	O	3			
	5250	PDL	Payment Details	O	1			
	5260	AMT	Monetary Amount Information	O	>1			
	5280	DTM	Date/Time Reference	O	>1			
	5300	G86	Signature Identification	O	1			
LOOP ID - EFI							>1	
	5400	EFI	Electronic Format Identification	M	1			
	5500	BIN	Binary Data Segment	O	1			
LOOP ID - LX								>1
N	5600	LX	Transaction Set Line Number	O	1			
	5700	AM1	Informational Values	M	1			
	5800	DTP	Date or Time or Period	O	9			
LOOP ID - RPA								>1
	5900	RPA	Rate Amounts or Percents	O	1			
	5950	DTP	Date or Time or Period	O	3			
LOOP ID - AMT							>1	
	6000	AMT	Monetary Amount Information	O	1			
	6100	REF	Reference Information	O	9			
	6200	SE	Transaction Set Trailer	M	1			

Notes

2/0100 The N1 loop repeats for each distributor.
2/0500 The PID loop contains product information.
2/0900 The PO1 loop contains fund information.
2/1300 The ACT loop contains information on groups of individuals sponsored by an organization or association and referenced in the transaction.
2/2100 The CON loop repeats for each contract being reported.
2/2700 The NM1 loop reports all entities related to the contract.
2/3900 The IT1 reports transactions activity.
2/5600 The LX loop reports contract valuations.

269 - Health Care Benefit Coordination Verification

FUNCTIONAL GROUP=**HV**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Health Care Benefit Coordination Verification Transaction Set (269) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to transmit and respond to Health Care Benefit coordination information such as claim identification, previous adjudication details, and adjudication verification from one Health Care Payer to another. The transaction can be used as a notification of benefit coordination information. When used as a request for verification of benefit coordination information, the 269 is the response to that request for benefit coordination information verification.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - 1000					2
	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	1	
	0600	N4	Geographic Location	O	1	
	0700	PER	Administrative Communications Contact	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
N	0100	TRN	Trace	M	1	
	0200	CLP	Claim Level Data	O	1	
	0300	DTP	Date or Time or Period	O	2	
	0400	AAA	Request Validation	O	1	
	LOOP ID - 2100					4
	0500	NM1	Individual or Organizational Name	O	1	
	0600	N2	Additional Name Information	O	1	
	0700	N3	Party Location	O	1	
	0800	N4	Geographic Location	O	1	
	0900	REF	Reference Information	O	9	
	1000	PER	Administrative Communications Contact	O	1	
	1100	DTP	Date or Time or Period	O	1	
	LOOP ID - 2200					999
	1200	SVC	Service Information	O	1	
	1300	DTP	Date or Time or Period	O	1	
	1400	SE	Transaction Set Trailer	M	1	

Notes

2/0100 The TRN segment is used to uniquely identify and tie an inquiry to a response.

270 - Eligibility, Coverage or Benefit Inquiry

FUNCTIONAL GROUP=**HS**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Eligibility, Coverage or Benefit Inquiry Transaction Set (270) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to inquire about the eligibility, coverages or benefits associated with a benefit plan, employer, plan sponsor, subscriber or a dependent under the subscriber's policy. The transaction set is intended to be used by all lines of insurance such as Health, Life, and Property and Casualty.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BHT	Beginning of Hierarchical Transaction	M	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 2000						>1
	0100	HL	Hierarchical Level	M	1	
N	0200	TRN	Trace	O	9	
LOOP ID - 2100						>1
	0300	NM1	Individual or Organizational Name	M	1	
	0400	REF	Reference Information	O	9	
	0500	N2	Additional Name Information	O	1	
	0600	N3	Party Location	O	1	
	0700	N4	Geographic Location	O	1	
	0800	PER	Administrative Communications Contact	O	3	
	0900	PRV	Provider Information	O	1	
	1000	DMG	Demographic Information	O	1	
	1040	DMH	Extended Demographic Information	O	1	
	1100	INS	Insured Benefit	O	1	
	1150	HI	Health Care Information Codes	O	1	
	1200	DTP	Date or Time or Period	O	12	
	1250	MPI	Military Personnel Information	O	9	
	1270	EVI	Event Inquiry Reason Information	O	1	
LOOP ID - 2110						99
	1300	EQ	Eligibility or Benefit Inquiry	O	1	
	1350	AMT	Monetary Amount Information	O	2	
	1400	VEH	Vehicle Information	O	1	
	1500	PDR	Property Description - Real	O	1	
	1600	PDP	Property Description - Personal	O	1	
	1700	III	Information	O	10	
	1900	REF	Reference Information	O	1	
	2000	DTP	Date or Time or Period	O	9	
	2050	TOO	Tooth Identification	O	>1	

2100	SE	Transaction Set Trailer	M	1

Notes

2/0200 If the Eligibility, Coverage or Benefit Inquiry Transaction Set (270) includes a TRN segment, then the Eligibility, Coverage or Benefit Information Transaction Set (271) must return the trace number identified in the TRN segment.

271 - Eligibility, Coverage or Benefit Information

FUNCTIONAL GROUP=**HB**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Eligibility, Coverage or Benefit Information Transaction Set (271) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to communicate information about or changes to eligibility, coverage or benefits from information sources (such as - insurers, sponsors, payors) to information receivers (such as - physicians, hospitals, repair facilities, third party administrators, governmental agencies). This information includes but is not limited to: benefit status, explanation of benefits, coverages, dependent coverage level, effective dates, amounts for co-insurance, co-pays, deductibles, exclusions and limitations.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BHT	Beginning of Hierarchical Transaction	M	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 2000						>1
	0100	HL	Hierarchical Level	M	1	
N	0200	TRN	Trace	O	9	
	0250	AAA	Request Validation	O	9	
LOOP ID - 2100						>1
	0300	NM1	Individual or Organizational Name	O	1	
	0400	REF	Reference Information	O	9	
	0500	N2	Additional Name Information	O	1	
	0600	N3	Party Location	O	1	
	0700	N4	Geographic Location	O	1	
	0800	PER	Administrative Communications Contact	O	3	
	0850	AAA	Request Validation	O	9	
	0900	PRV	Provider Information	O	1	
	1000	DMG	Demographic Information	O	1	
	1040	DMH	Extended Demographic Information	O	1	
	1100	INS	Insured Benefit	O	1	
	1150	HI	Health Care Information Codes	O	1	
	1200	DTP	Date or Time or Period	O	9	
	1250	LUI	Language Use	O	9	
	1275	MPI	Military Personnel Information	O	9	
	1280	EVN	Occurrence/Encounter Event Verification Identifier	O	1	
LOOP ID - 2105						>1
	1290	LX	Transaction Set Line Number	O	1	
	1295	DTM	Date/Time Reference	O	>1	
	1296	CAT	Category of Patient Information Service	O	1	
LOOP ID - 2107						>1

1297	OOI	Associated Object Type Identification	O	1	
1298	BDS	Binary Data Structure	O	1	
LOOP ID - 2110					>1
1300	EB	Eligibility or Benefit Information	O	1	
1320	SBI	Specific Benefit Information	O	25	
1350	HSD	Health Care Services Delivery	O	9	
1400	REF	Reference Information	O	9	
1500	DTP	Date or Time or Period	O	20	
1600	AAA	Request Validation	O	9	
1700	VEH	Vehicle Information	O	1	
1800	PID	Product/Item Description	O	1	
1900	PDR	Property Description - Real	O	1	
2000	PDP	Property Description - Personal	O	1	
2100	LIN	Item Identification	O	1	
2200	EM	Equipment Characteristics	O	1	
2300	SD1	Safety Data	O	1	
2400	PKD	Packaging Description	O	1	
2500	MSG	Message Text	O	10	
2550	TOO	Tooth Identification	O	>1	
2570	CTP	Pricing Information	O	1	
LOOP ID - 2115					>1
2600	III	Information	O	1	
2700	DTP	Date or Time or Period	O	5	
2800	AMT	Monetary Amount Information	O	5	
2900	PCT	Percent Amounts	O	5	
LOOP ID - 2117					>1
3000	LQ	Industry Code Identification	O	1	
3100	AMT	Monetary Amount Information	O	5	
3200	PCT	Percent Amounts	O	5	
3300	LS	Loop Header	O	1	
LOOP ID - 2120					>1
3400	NM1	Individual or Organizational Name	O	1	
3500	N2	Additional Name Information	O	1	
3600	N3	Party Location	O	1	
3700	N4	Geographic Location	O	1	
3800	PER	Administrative Communications Contact	O	3	
3900	PRV	Provider Information	O	1	
4000	LE	Loop Trailer	O	1	
4100	SE	Transaction Set Trailer	M	1	

Notes

2/0200 If the Eligibility, Coverage or Benefit Inquiry Transaction Set (270) includes a TRN segment, then the Eligibility, Coverage or Benefit Information Transaction Set (271) must return the trace number identified in the TRN segment.

272 - Property and Casualty Loss Notification

FUNCTIONAL GROUP=**LN**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Property and Casualty Loss Notification Transaction Set (272) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide loss information flow between property and casualty (P & C) insurance companies, agents, service providers, and industry bureaus.

Expected users are property and casualty insurance companies, agents, service providers (e.g., adjusters or glaziers), and industry bureaus (e.g., National Insurance Crime Bureau (NICB) or the Index System). Business functions consist of loss notification, work assignments and reporting.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	DTP	Date or Time or Period	O	10	
	LOOP ID - 1000					>1
	0400	N9	Extended Reference Information	O	1	
	0500	MSG	Message Text	O	>1	
	LOOP ID - 1100					15
	0600	NM1	Individual or Organizational Name	O	1	
	0700	N2	Additional Name Information	O	2	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	1	
	1000	N9	Extended Reference Information	O	15	
	1100	PER	Administrative Communications Contact	O	5	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
	0100	LID	Loss Information Description	M	1	
	0150	LQ	Industry Code Identification	O	>1	
	0200	DTP	Date or Time or Period	O	10	
N	0300	BCI	Basic Claim Information	O	1	
	0400	SI	Service Characteristic Identification	O	2	
	0450	YNQ	Yes/No Question	O	>1	
	LOOP ID - 2100					2
N	0500	LIE	Individual or Event Location	O	1	
	0600	N3	Party Location	O	1	
	0700	N4	Geographic Location	O	1	
	LOOP ID - 2200					>1
	0800	N9	Extended Reference Information	O	1	

	0900	MSG	Message Text	O	>1	
LOOP ID - 2300						>1
	1000	PWK	Paperwork	O	1	
	1100	DTP	Date or Time or Period	O	1	
	1200	N9	Extended Reference Information	O	5	
	1300	N4	Geographic Location	O	1	
	1400	NM1	Individual or Organizational Name	O	1	
	1500	PER	Administrative Communications Contact	O	1	
	1600	LS	Loop Header	O	1	
LOOP ID - 2400						10
C	1700	NM1	Individual or Organizational Name	O	1	
	1800	N2	Additional Name Information	O	2	
	1900	N3	Party Location	O	2	
	2000	N4	Geographic Location	O	1	
	2100	N9	Extended Reference Information	O	15	
	2200	PER	Administrative Communications Contact	O	5	
LOOP ID - 2410						1
	2300	LIE	Individual or Event Location	O	1	
	2400	N3	Party Location	O	1	
	2500	N4	Geographic Location	O	1	
	2600	LE	Loop Trailer	O	1	
LOOP ID - 2500						>1
C	2700	REF	Reference Information	O	1	
LOOP ID - 2503						1
	2800	VEH	Vehicle Information	O	1	
	2900	VAT	Vehicle Attribute	O	100	
	3000	N9	Extended Reference Information	O	>1	
	3100	DVI	Dynamic Vehicle Information	O	1	
	3200	VRC	Vehicle Recovery	O	1	
	3300	DAM	Damage Information	O	>1	
LOOP ID - 2510						>1
N	3400	LIE	Individual or Event Location	O	1	
	3500	N3	Party Location	O	1	
	3600	N4	Geographic Location	O	1	
	3650	PER	Administrative Communications Contact	O	1	
LOOP ID - 2515						>1
	3700	LX	Transaction Set Line Number	O	1	
	3800	PDR	Property Description - Real	O	1	
	3900	PDP	Property Description - Personal	O	1	
	4000	K2	Administrative Message	O	1	
	4050	AMT	Monetary Amount Information	O	>1	
	4100	QTY	Quantity Information	O	1	
	4150	LIE	Individual or Event Location	O	1	
	4200	DTP	Date or Time or Period	O	1	
	4250	LIN	Item Identification	O	1	

	4300	EM	Equipment Characteristics	O	1	
	4350	SD1	Safety Data	O	1	
	4400	PKD	Packaging Description	O	1	
	4450	K1	Remarks	O	1	
	4500	V1	Vessel Identification	O	1	
	4600	R1	Route Information (Air)	O	1	
	4700	R4	Port or Terminal	O	5	
	4800	LS	Loop Header	O	1	
LOOP ID - 2518						>1
	4900	K2	Administrative Message	O	1	
	5000	AMT	Monetary Amount Information	O	>1	
	5100	QTY	Quantity Information	O	1	
	5200	LIE	Individual or Event Location	O	1	
	5300	LE	Loop Trailer	O	1	
LOOP ID - 2520						>1
C	5400	NX1	Property or Entity Identification	O	1	
	5500	NM1	Individual or Organizational Name	M	1	
	5600	N2	Additional Name Information	O	2	
	5700	N3	Party Location	O	2	
	5800	N4	Geographic Location	O	1	
	5900	N9	Extended Reference Information	O	10	
	6000	PER	Administrative Communications Contact	O	10	
	6100	ICH	Individual Characteristics	O	1	
	6200	CRC	Conditions Indicator	O	>1	
	6300	BCI	Basic Claim Information	O	1	
LOOP ID - 2525						>1
	6400	LQ	Industry Code Identification	O	1	
	6500	DTP	Date or Time or Period	O	5	
	6600	AMT	Monetary Amount Information	O	>1	
	6700	PCT	Percent Amounts	O	5	
	6750	QTY	Quantity Information	O	5	
	6800	LS	Loop Header	O	1	
LOOP ID - 2528						>1
	6900	LQ	Industry Code Identification	O	1	
	7000	AMT	Monetary Amount Information	O	>1	
	7100	PCT	Percent Amounts	O	5	
	7150	QTY	Quantity Information	O	5	
	7200	LE	Loop Trailer	O	1	
	7300	LS	Loop Header	O	1	
LOOP ID - 2600						>1
C	7400	NM1	Individual or Organizational Name	O	1	
	7500	N2	Additional Name Information	O	2	
	7600	N3	Party Location	O	2	
	7700	N4	Geographic Location	O	1	
	7800	N9	Extended Reference Information	O	10	

7900	PER	Administrative Communications Contact	O	10	
8000	ICH	Individual Characteristics	O	1	
8050	CRC	Conditions Indicator	O	>1	
8100	BCI	Basic Claim Information	O	1	
LOOP ID - 2610					>1
8200	III	Information	O	1	
8300	DTP	Date or Time or Period	O	5	
8400	AMT	Monetary Amount Information	O	>1	
8500	PCT	Percent Amounts	O	5	
8550	QTY	Quantity Information	O	5	
LOOP ID - 2615					>1
8600	LQ	Industry Code Identification	O	1	
8700	AMT	Monetary Amount Information	O	>1	
8800	PCT	Percent Amounts	O	5	
8830	QTY	Quantity Information	O	5	
8850	LE	Loop Trailer	O	1	
LOOP ID - 2700					5
8900	PIN	Previous Incident	O	1	
9000	BCI	Basic Claim Information	M	1	
9100	N3	Party Location	O	2	
9200	N4	Geographic Location	O	1	
LOOP ID - 2710					>1
9300	PWK	Paperwork	O	1	
9400	DTP	Date or Time or Period	O	1	
9500	N9	Extended Reference Information	O	5	
9600	N4	Geographic Location	O	1	
9700	NM1	Individual or Organizational Name	O	1	
9800	PER	Administrative Communications Contact	O	1	
9900	SE	Transaction Set Trailer	M	1	

Notes

2/0300 This occurrence of the Basic Claim Information (BCI) segment is required for Loss Notification and Reporting purposes. If the effective date range is specified, it applies to all coverages on the policy unless otherwise specified within the appropriate coverage loop (LQ).

2/0500 This occurrence of the Individual or Event Location (LIE) segment is used to specify the location of the loss.

2/3400 This occurrence of the Individual or Event Location (LIE) segment is used to specify the recovery location.

Comments

2/1700 This loop is used to specify witness information or administrative persons associated with the loss (i.e., claim handler, etc.).

2/2700 This Reference Numbers (REF) loop is used to specify information about a loss exposure.

2/5400 This NX1 loop is used to specify information pertinent to an involved party.

2/7400 This occurrence of the Individual or Organizational Name (NM1) loop is used to specify associated party information.

273 - Insurance/Annuity Application Status

FUNCTIONAL GROUP=**ID**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Insurance/Annuity Application Status Transaction Set (273) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by insurance providers to inform their trading partners of the current status of a life insurance or annuity application during the underwriting process.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	CUR	Currency	O	1	
0350	UD	Underwriting Status	O	1	
LOOP ID - NM1					2
0400	NM1	Individual or Organizational Name	O	1	
0500	N3	Party Location	O	3	
0600	N4	Geographic Location	O	1	
0700	REF	Reference Information	O	9	
0800	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - ACT						>1
N	0100	ACT	Account Identification	M	1	
	0200	PER	Administrative Communications Contact	O	3	
	0300	UD	Underwriting Status	O	1	
	0400	DTP	Date or Time or Period	O	19	
	0500	BLI	Basic Baseline Item Data	O	1	
	0600	AMT	Monetary Amount Information	O	9	
	0700	LIN	Item Identification	O	1	
	0800	REF	Reference Information	O	9	
	0900	K3	File Information	O	3	
LOOP ID - LX						>1
N	1000	LX	Transaction Set Line Number	M	1	
N	1100	BLI	Basic Baseline Item Data	O	1	
	1200	INV	Investment Vehicle Selection	O	9	
	1300	UD	Underwriting Status	O	1	
	1350	M1	Insurance	O	1	
	1400	DTP	Date or Time or Period	O	9	
	1500	RPA	Rate Amounts or Percents	O	1	
	1600	K3	File Information	O	3	
LOOP ID - BEN						>1
N	1700	BEN	Beneficiary or Owner Information	O	1	
	1800	NM1	Individual or Organizational Name	O	1	

	1900	N2	Additional Name Information	O	1	
	1920	N3	Party Location	O	1	
	1950	N4	Geographic Location	O	1	
	1970	DTP	Date or Time or Period	O	1	
LOOP ID - ENT						>1
	2000	ENT	Entity	O	1	
	2100	NM1	Individual or Organizational Name	O	1	
	2200	N2	Additional Name Information	O	2	
	2300	REF	Reference Information	O	9	
	2400	N3	Party Location	O	3	
	2500	N4	Geographic Location	O	1	
	2600	PER	Administrative Communications Contact	O	3	
	2700	DMG	Demographic Information	O	1	
	2750	DMA	Additional Demographic Information	O	1	
	2770	DMH	Extended Demographic Information	O	1	
	2800	REL	Relationship	O	1	
	2900	UD	Underwriting Status	O	1	
	3000	DTP	Date or Time or Period	O	9	
	3100	QTY	Quantity Information	O	9	
	3200	K3	File Information	O	3	
LOOP ID - LQ						>1
N	3300	LQ	Industry Code Identification	O	1	
	3400	V9	Event Detail	O	1	
	3450	SPA	Status of Product or Activity	O	>1	
	3500	DTP	Date or Time or Period	O	9	
	3600	K3	File Information	O	3	
LOOP ID - NM1						>1
	3700	NM1	Individual or Organizational Name	O	1	
	3800	N3	Party Location	O	3	
	3900	N4	Geographic Location	O	1	
	4000	G61	Contact	O	9	
LOOP ID - BEN						>1
N	4100	BEN	Beneficiary or Owner Information	O	1	
	4200	NM1	Individual or Organizational Name	O	1	
	4300	N2	Additional Name Information	O	1	
	4320	N3	Party Location	O	1	
	4350	N4	Geographic Location	O	1	
	4370	DTP	Date or Time or Period	O	1	
LOOP ID - BLI						>1
N	4400	BLI	Basic Baseline Item Data	O	1	
	4500	INV	Investment Vehicle Selection	O	9	
	4600	UD	Underwriting Status	O	1	
	4620	UDA	Underwriting Condition	O	>1	
	4650	M1	Insurance	O	1	
	4700	DTP	Date or Time or Period	O	9	
	4750	QTY	Quantity Information	O	>1	

	4800	RPA	Rate Amounts or Percents	O	>1			
	4900	K3	File Information	O	3			
LOOP ID - BEN						>1		
N	5000	BEN	Beneficiary or Owner Information	O	1			
	5100	NM1	Individual or Organizational Name	O	1			
	5200	N2	Additional Name Information	O	1			
	5220	N3	Party Location	O	1			
	5250	N4	Geographic Location	O	1			
	5270	DTP	Date or Time or Period	O	1			
LOOP ID - MSG							>1	
	5300	MSG	Message Text	O	1			
	5400	DTP	Date or Time or Period	O	1			
	5500	NM1	Individual or Organizational Name	O	1			
	5600	SE	Transaction Set Trailer	M	1			

Notes

2/0100 The ACT loop repeats for each individual case.

2/1000 The LX loop is required to avoid collision with the BLI loop.

2/1100 The BLI segment is used to transmit coverage which relates to the entire application.

2/1700 The BEN loop is used to transmit beneficiary information that relates only to the coverage information in 2/1000- 2/1600.

2/3300 The LQ loop contains the underwriting requirements.

2/4100 The BEN loop is used to transmit beneficiary information that relates only to the entity information in 2/2000 - 2/3200.

2/4400 The BLI loop is used to transmit coverage information that relates only to the entity information in 2/2000 - 2/3200.

2/5000 The BEN loop is used to transmit beneficiary information that relates only to the coverage information in 2/4400- 2/4900.

274 - Healthcare Provider Information

FUNCTIONAL GROUP=**PW**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Healthcare Provider Information Transaction Set (274) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to exchange demographic and educational/professional qualifications about healthcare providers between providers, provider networks or any other entity that maintains or verifies healthcare provider information. Such exchanges include the transmitting, inquiring, or responding to an inquiry. Healthcare provider information is routinely exchanged for the purpose of 1) maintaining provider data bases for claim adjudication, provider directories, patient referrals, and reporting provider information, 2) submitting an application to join a provider organization or provider network such as, but not limited to, a hospital, preferred provider organization (PPO) or health maintenance organization (HMO), and 3) verifying credentials such as educational/professional qualifications, licenses, and malpractice coverage/history.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BHT	Beginning of Hierarchical Transaction	M	1	
	0300	DTM	Date/Time Reference	O	1	
N	0400	PER	Administrative Communications Contact	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
N	0100	HL	Hierarchical Level	M	1	
N	0200	TRN	Trace	O	1	
	0250	AAA	Request Validation	O	1	
	LOOP ID - 2100					>1
N	0300	NM1	Individual or Organizational Name	M	1	
	0400	N2	Additional Name Information	O	>1	
	0500	PER	Administrative Communications Contact	O	>1	
	0600	DMG	Demographic Information	O	1	
	0640	DMH	Extended Demographic Information	O	1	
	0700	AMT	Monetary Amount Information	O	20	
	0800	API	Activity or Process Information	O	>1	
	0900	DEG	Degree Record	O	9	
	1000	IND	Additional Individual Demographic Information	O	1	
	1100	LUI	Language Use	O	9	
	1200	DTP	Date or Time or Period	O	9	
	1250	AAA	Request Validation	O	1	
	1300	MTX	Text	O	>1	
	1400	QTY	Quantity Information	O	99	
	1500	WS	Work Schedule	O	99	

1600	CRC	Conditions Indicator	O	9	
1700	HSD	Health Care Services Delivery	O	99	
1800	BCI	Basic Claim Information	O	9	
1900	PDI	Practice Detail Information	O	1	
2000	HAD	Hospital Affiliation Detail	O	1	
2050	ACT	Account Identification	O	1	
LOOP ID - 2110					>1
N 2100	NX1	Property or Entity Identification	O	1	
2200	N2	Additional Name Information	O	1	
2300	N3	Party Location	O	2	
2400	N4	Geographic Location	O	1	
2500	PER	Administrative Communications Contact	O	1	
2550	AAA	Request Validation	O	1	
LOOP ID - 2120					>1
2600	LQ	Industry Code Identification	O	1	
2700	N1	Party Identification	O	2	
2800	TPB	Business Professional Title	O	>1	
2900	DTP	Date or Time or Period	O	9	
3000	QTY	Quantity Information	O	1	
3100	YNQ	Yes/No Question	O	>1	
3150	AAA	Request Validation	O	1	
LOOP ID - 2130					99
3200	HPL	Health Care Provider License	O	1	
3300	DTP	Date or Time or Period	O	>1	
3350	AAA	Request Validation	O	1	
LOOP ID - 2140					>1
3400	REF	Reference Information	O	1	
3500	DTP	Date or Time or Period	O	9	
3550	AAA	Request Validation	O	1	
LOOP ID - 2150					9
3600	EMS	Employment Position	O	1	
3700	DTP	Date or Time or Period	O	9	
LOOP ID - 2160					>1
3710	LX	Transaction Set Line Number	O	1	
3720	PER	Administrative Communications Contact	O	1	
3730	REF	Reference Information	O	1	
3740	DTP	Date or Time or Period	O	1	
3750	OOI	Associated Object Type Identification	O	1	
3760	BDS	Binary Data Structure	O	1	
3770	AAA	Request Validation	O	1	
3800	SE	Transaction Set Trailer	M	1	

Notes

1/0400 The PER segment is used to supply the sender's point of contact to the receiver.

2/0100 Valid hierarchical level codes for this transaction set are information source, information receiver, provider, group and site of service.

2/0200 The TRN segment is used to identify trace numbers that provide an electronic link between this transaction and other transactions.

2/0300 The NM1 segment is used to identify individuals and entities related to the hierarchical level identified by HL03.

2/2100 Loop 2110 provides multiple addresses related to the entity identified in the NM1 segment. The NX1 segment provides the type of address for each iteration of the loop. For instance, billing service or place of business.

275 - Patient Information

FUNCTIONAL GROUP=**PI**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Patient Information Transaction Set (275) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to communicate individual patient information requests and patient information (either solicited or unsolicited) between separate health care entities in a variety of settings to be consistent with confidentiality and use requirements. Patient information consists of demographic, clinical, and other supporting data.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	O	1	
	0300	DTM	Date/Time Reference	O	3	
	0400	TRN	Trace	O	5	
	LOOP ID - 1000					>1
N	0500	NM1	Individual or Organizational Name	O	1	
	0600	IN1	Individual Identification	O	1	
	0700	DMG	Demographic Information	O	3	
	0740	DMH	Extended Demographic Information	O	1	
	0750	PCU	Parameter for Clinical Use	O	10	
N	0800	PRV	Provider Information	O	1	
	0900	PER	Administrative Communications Contact	O	2	
	1000	REF	Reference Information	O	15	
	1050	DTP	Date or Time or Period	O	1	
	LOOP ID - 1100					5
	1100	NX1	Property or Entity Identification	O	1	
	1200	N3	Party Location	O	1	
	1300	N4	Geographic Location	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
	0100	LX	Transaction Set Line Number	O	1	
N	0150	TRN	Trace	O	1	
N	0175	STC	Status Information	O	1	
N	0200	NM1	Individual or Organizational Name	O	1	
	0300	PRV	Provider Information	O	1	
	0400	PER	Administrative Communications Contact	O	1	
	0500	REF	Reference Information	O	5	
	0540	HI	Health Care Information Codes	O	1	
	0560	SVC	Service Information	O	1	
	LOOP ID - 2100					>1
	0600	DTP	Date or Time or Period	O	1	

0700	CAT	Category of Patient Information Service	O	1	
0800	PID	Product/Item Description	O	1	
LOOP ID - 2110					1
0900	OOI	Associated Object Type Identification	O	1	
1000	BDS	Binary Data Structure	M	1	
1100	SE	Transaction Set Trailer	M	1	

Notes

1/0500 Loop 1000 identifies a single patient; it also identifies other entities or individuals which include the requester, responder or other organizations.

1/0800 The PRV segment is only used in Loop 1000 when identifying a requestor or responder who is also a provider.

2/0150 The TRN segment in Loop 2000 identifies a previously sent transaction set. The 2000 Loop provides supporting or additional information for that item when TRN is used.

2/0175 The STC segment in 2000 Loop identifies the status and action requested in a prior transaction when the response is provided in this transaction.

2/0200 The NM1 segment in Loop 2000 identifies an individual provider within a responder group.

276 - Health Care Claim Status Request

FUNCTIONAL GROUP=**HR**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Health Care Claim Status Request Transaction Set (276) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a provider, recipient of health care products or services, or their authorized agent to request the status of a health care claim or encounter from a health care payer. This transaction set is not intended to replace the Health Care Claim Transaction Set (837), but rather to occur after the receipt of a claim or encounter information. The request may occur at the summary or service line detail level.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BHT	Beginning of Hierarchical Transaction	M	1	
0300	REF	Reference Information	O	10	
LOOP ID - 1000					>1
0400	NM1	Individual or Organizational Name	O	1	
0500	N2	Additional Name Information	O	2	
0600	N3	Party Location	O	2	
0700	N4	Geographic Location	O	1	
0800	REF	Reference Information	O	2	
0900	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 2000						>1
	0100	HL	Hierarchical Level	M	1	
N	0200	SBR	Subscriber Information	O	1	
N	0300	PAT	Patient Information	O	1	
N	0400	DMG	Demographic Information	O	1	
	0440	DMH	Extended Demographic Information	O	1	
LOOP ID - 2100						>1
	0500	NM1	Individual or Organizational Name	O	1	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	
	0800	PER	Administrative Communications Contact	O	3	
	0850	REF	Reference Information	O	9	
LOOP ID - 2200						>1
	0900	TRN	Trace	O	1	
	1000	REF	Reference Information	O	9	
	1100	AMT	Monetary Amount Information	O	1	
	1200	DTP	Date or Time or Period	O	5	
LOOP ID - 2210						>1

1300	SVC	Service Information	O	1		
1400	REF	Reference Information	O	9		
1500	DTP	Date or Time or Period	O	1		
1550	TOO	Tooth Identification	O	>1		
1600	SE	Transaction Set Trailer	M	1		

Notes

2/0200 The SBR segment may only appear at the Subscriber (HL03=22) level.

2/0300 The PAT segment may only appear at the Dependent (HL03=23) level.

2/0400 The DMG segment may only appear at the Subscriber (HL03=22) or Dependent (HL03=23) level.

277 - Health Care Information Status Notification

FUNCTIONAL GROUP=**HN**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Health Care Information Status Notification Transaction Set (277) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a health care payer or authorized agent to notify a provider, recipient, or authorized agent regarding the status of a health care claim or encounter or to request additional information from the provider regarding a health care claim or encounter, health care services review, or transactions related to the provisions of health care. This transaction set is not intended to replace the Health Care Claim Payment/Advice Transaction Set (835) and therefore, will not be used for account payment posting. The notification may be at a summary or service line detail level. The notification may be solicited or unsolicited.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BHT	Beginning of Hierarchical Transaction	M	1	
	0300	REF	Reference Information	O	10	
	LOOP ID - 1000					>1
	0400	NM1	Individual or Organizational Name	O	1	
	0500	N2	Additional Name Information	O	2	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	
	0800	REF	Reference Information	O	2	
	0900	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
	0100	HL	Hierarchical Level	M	1	
N	0200	SBR	Subscriber Information	O	1	
	0300	PAT	Patient Information	O	1	
N	0400	DMG	Demographic Information	O	1	
	0440	DMH	Extended Demographic Information	O	1	
	LOOP ID - 2100					>1
	0500	NM1	Individual or Organizational Name	O	1	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	
	0800	PER	Administrative Communications Contact	O	3	
	0850	REF	Reference Information	O	9	
	LOOP ID - 2200					>1
	0900	TRN	Trace	O	1	
	1000	STC	Status Information	O	>1	

	1100	REF	Reference Information	O	9	
	1200	DTP	Date or Time or Period	O	5	
	1210	QTY	Quantity Information	O	5	
	1220	AMT	Monetary Amount Information	O	5	
LOOP ID - 2210						>1
C	1300	PWK	Paperwork	O	1	
	1400	PER	Administrative Communications Contact	O	3	
	1500	N1	Party Identification	O	1	
	1600	N3	Party Location	O	1	
	1700	N4	Geographic Location	O	1	
LOOP ID - 2220						>1
	1800	SVC	Service Information	O	1	
	1900	STC	Status Information	O	>1	
	2000	REF	Reference Information	O	9	
	2100	DTP	Date or Time or Period	O	1	
	2150	TOO	Tooth Identification	O	>1	
LOOP ID - 2225						>1
C	2200	PWK	Paperwork	O	1	
	2300	PER	Administrative Communications Contact	O	3	
	2400	N1	Party Identification	O	1	
	2500	N3	Party Location	O	1	
	2600	N4	Geographic Location	O	1	
	2700	SE	Transaction Set Trailer	M	1	

Notes

2/0200 The SBR segment may only appear at the Subscriber (HL03=22) level.

2/0400 The DMG segment may only appear at the Subscriber (HL03=22) or Dependent (HL03=23) level.

Comments

2/1300 The 2210 loop may be used when there is a status notification or a request for additional information about a particular claim.

2/2200 The 2225 loop may be used when there is a status notification or a request for additional information about a particular service line.

278 - Health Care Services Review Information

FUNCTIONAL GROUP=**HI**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Health Care Services Review Information Transaction Set (278) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to transmit health care service information, such as subscriber, patient, demographic, diagnosis or treatment data for the purpose of request for review, certification, notification or reporting the outcome of a health care services review.

Expected users of this transaction set are payors, plan sponsors, providers, utilization management and other entities involved in health care services review.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BHT	Beginning of Hierarchical Transaction	M	1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 2000					>1
0100	HL	Hierarchical Level	M	1	
0200	TRN	Trace	O	9	
0300	AAA	Request Validation	O	9	
0400	UM	Health Care Services Review Information	O	1	
0500	HCR	Health Care Services Review	O	1	
0600	REF	Reference Information	O	9	
0700	DTP	Date or Time or Period	O	10	
0800	HI	Health Care Information Codes	O	>1	
0810	SV1	Professional Service	O	1	
0820	SV2	Institutional Service	O	1	
0830	SV3	Dental Service	O	1	
0835	PCU	Parameter for Clinical Use	O	10	
0840	TOO	Tooth Identification	O	32	
0850	DN2	Tooth Summary	O	35	
0860	DRA	Drug Authorization	O	>1	
0900	HSD	Health Care Services Delivery	O	1	
1000	CRC	Conditions Indicator	O	9	
1100	CL1	Claim Codes	O	4	
1200	CR1	Ambulance Certification	O	1	
1300	CR2	Chiropractic Certification	O	1	
1350	CR4	Enteral or Parenteral Therapy Certification	O	1	
1400	CR5	Oxygen Therapy Certification	O	1	
1500	CR6	Home Health Care Certification	O	1	
1520	CR7	Home Health Treatment Plan Certification	O	1	
1530	CR8	Implant Certification	O	>1	

1550	PWK	Paperwork	O	>1	
1600	MSG	Message Text	O	1	
LOOP ID - 2010					>1
1700	NM1	Individual or Organizational Name	O	1	
1800	REF	Reference Information	O	9	
1900	N2	Additional Name Information	O	1	
2000	N3	Party Location	O	1	
2100	N4	Geographic Location	O	1	
2200	PER	Administrative Communications Contact	O	3	
2300	AAA	Request Validation	O	9	
2400	PRV	Provider Information	O	1	
2500	DMG	Demographic Information	O	1	
2530	DMH	Extended Demographic Information	O	1	
2560	PCU	Parameter for Clinical Use	O	10	
2600	INS	Insured Benefit	O	1	
2700	DTP	Date or Time or Period	O	10	
2800	SE	Transaction Set Trailer	M	1	

280 - Voter Registration Information

FUNCTIONAL GROUP=**VI**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Voter Registration Information Transaction Set (280) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to submit voter registration application information and to transmit information regarding a previously registered voter and changes to such information.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
LOOP ID - N1					>1
0300	N1	Party Identification	O	1	
0400	N2	Additional Name Information	O	2	
0500	N3	Party Location	O	2	
0600	N4	Geographic Location	O	1	
0700	REF	Reference Information	O	>1	
0800	PER	Administrative Communications Contact	O	>1	
0900	DTM	Date/Time Reference	O	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - PWK					>1
0100	PWK	Paperwork	O	1	
0200	REF	Reference Information	O	>1	
0300	CRC	Conditions Indicator	O	>1	
0400	MEA	Measurements	O	>1	
0500	DTM	Date/Time Reference	O	>1	
0600	PER	Administrative Communications Contact	O	>1	
LOOP ID - IN1					>1
0700	IN1	Individual Identification	O	1	
0800	IN2	Individual Name Structure Components	O	>1	
0900	ICH	Individual Characteristics	O	>1	
1000	DTM	Date/Time Reference	O	>1	
LOOP ID - NX1					>1
1100	NX1	Property or Entity Identification	O	1	
1200	NX2	Location ID Component	O	>1	
1300	N4	Geographic Location	O	>1	
1400	REF	Reference Information	O	>1	
1500	DTM	Date/Time Reference	O	>1	
LOOP ID - EFI					>1
1600	EFI	Electronic Format Identification	O	1	
1700	BIN	Binary Data Segment	O	1	

1800	SE	Transaction Set Trailer	M	1

283 - Tax or Fee Exemption Certification

FUNCTIONAL GROUP=**TE**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Tax or Fee Exemption Certification Transaction Set (283) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be transmitted by buyer to seller to certify as to the tax exempt status of one or more business transactions, and from a seller to a Taxing Authority to verify that proper exemption certification has been obtained for the transaction(s). Exemption certification protects the claim of exemption from various taxes and fees for buyers and sellers.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	DTM	Date/Time Reference	O	>1	
	0400	REF	Reference Information	O	>1	
	LOOP ID - NM1					2
N	0500	NM1	Individual or Organizational Name	M	1	
	0600	N2	Additional Name Information	O	>1	
	0700	IN2	Individual Name Structure Components	O	>1	
	0800	N3	Party Location	O	>1	
	0900	N4	Geographic Location	O	1	
	1000	PER	Administrative Communications Contact	O	>1	
	1100	REF	Reference Information	O	>1	
	1200	DTM	Date/Time Reference	O	>1	
	1300	INI	Incorporation Information	O	1	
	1400	TC2	Commodity	O	>1	
N	1500	YNQ	Yes/No Question	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - TXI					>1
	0100	TXI	Tax Information	M	1	
N	0200	LQ	Industry Code Identification	M	1	
	0300	REF	Reference Information	O	>1	
	0400	DTM	Date/Time Reference	O	>1	
	0500	AMT	Monetary Amount Information	O	>1	
	0600	QTY	Quantity Information	O	>1	
N	0700	YNQ	Yes/No Question	O	>1	
	0800	MSG	Message Text	O	>1	
	LOOP ID - LX					>1
N	0900	LX	Transaction Set Line Number	O	1	
	1000	PID	Product/Item Description	O	1	
	1100	AMT	Monetary Amount Information	O	>1	

	1200	QTY	Quantity Information	O	>1	
	1300	REF	Reference Information	O	>1	
LOOP ID - N1						>1
N	1400	N1	Party Identification	O	1	
	1500	N2	Additional Name Information	O	1	
	1600	N3	Party Location	O	>1	
	1700	N4	Geographic Location	O	1	
	1800	PER	Administrative Communications Contact	O	>1	
	1900	REF	Reference Information	O	>1	
LOOP ID - PID						>1
	2000	PID	Product/Item Description	O	1	
	2100	AMT	Monetary Amount Information	O	>1	
	2200	QTY	Quantity Information	O	>1	
	2300	REF	Reference Information	O	>1	
	2400	SE	Transaction Set Trailer	M	1	

Notes

1/0500 This NM1 loop is used to identify the buyer and the seller.

1/1500 This YNQ segment is used to respond to questions concerning the buyer or the seller.

2/0200 This LQ segment contains a code representing the reason for the tax or fee exemption, from an industry maintained code source.

2/0700 This YNQ segment is used to respond to questions concerning the exemption status.

2/0900 Each occurrence of this LX loop identifies a purchase made under this exemption certification.

2/1400 This N1 loop identifies the site to which the purchase is shipped, or the party on whose behalf the purchase was made. For example, a builder whose purchases are normally not exempt may make an exempt purchase of building materials under contract to an exempt organization such as a church.

284 - Commercial Vehicle Safety Reports

FUNCTIONAL GROUP=**IH**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Commercial Vehicle Safety Reports Transaction Set (284) for use within the context of an Electronic Data Interchange (EDI) environment. This bi-directional transaction set can be used by authorized parties to electronically request and send reports on information related to the safe operation of commercial road vehicles, such as inspection reports, safety and compliance review reports, and hazardous material incident reports.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - NM1					>1
N	0300	NM1	Individual or Organizational Name	O	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	N9	Extended Reference Information	O	>1	
	0800	PER	Administrative Communications Contact	O	>1	
	0900	DTM	Date/Time Reference	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					>1
N	0100	HL	Hierarchical Level	M	1	
	0200	PWK	Paperwork	O	1	
	0300	N9	Extended Reference Information	O	>1	
	0400	DTM	Date/Time Reference	O	>1	
N	0500	YNQ	Yes/No Question	O	>1	
	0600	TC2	Commodity	O	1	
	0700	H1	Hazardous Material	O	1	
	0800	LH2	Hazardous Classification Information	O	1	
	0900	LH3	Hazardous Material Shipping Name Information	O	1	
	1000	PO4	Item Physical Details	O	1	
	1100	MAN	Marks and Numbers Information	O	>1	
	LOOP ID - LQ					>1
N	1200	LQ	Industry Code Identification	O	1	
	1300	N9	Extended Reference Information	O	>1	
N	1400	YNQ	Yes/No Question	O	>1	
	1500	MEA	Measurements	O	>1	
	1600	III	Information	O	>1	
	1700	QTY	Quantity Information	O	1	
	1800	LOD	Location Description	O	1	

	1900	SRE	Test Scores	O	1	
	2000	VEH	Vehicle Information	O	1	
	2100	DVI	Dynamic Vehicle Information	O	>1	
LOOP ID - AMT						>1
	2200	AMT	Monetary Amount Information	O	1	
	2300	DTM	Date/Time Reference	O	>1	
LOOP ID - NM1						>1
N	2400	NM1	Individual or Organizational Name	O	1	
	2500	N2	Additional Name Information	O	2	
	2600	N3	Party Location	O	2	
	2700	N4	Geographic Location	O	1	
	2800	N9	Extended Reference Information	O	>1	
	2900	PER	Administrative Communications Contact	O	>1	
	3000	EMS	Employment Position	O	1	
	3100	DMG	Demographic Information	O	>1	
	3200	DMA	Additional Demographic Information	O	1	
	3300	DTM	Date/Time Reference	O	>1	
N	3400	YNQ	Yes/No Question	O	>1	
LOOP ID - LIE						>1
	3500	LIE	Individual or Event Location	O	1	
	3600	MEA	Measurements	O	1	
LOOP ID - MTX						>1
	3700	MTX	Text	O	1	
	3800	REF	Reference Information	O	>1	
	3900	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The NM1 loop carries information about the party transmitting or receiving the report.

2/0100 The HL segment identifies the hierarchical relationship of commercial vehicle safety information carried by the transaction. A Report parent level is required for all reports. An Inspection Report may have child levels Event, Company, Shipment, Product Description, Component, Person, Transportation Equipment, Violation. A Compliance Review may have child levels Company, Fleet, Violation, Safety Factor, Safety Fitness, Support Document, Review History, Recommendation. Company may have Product Description child levels. A Hazardous Materials Incident may have child levels Event, Company, Shipment, Traffic Unit, Property. Event may have a Response child level. Shipment may have Product Description child levels. Traffic Unit may have child levels Person, Transportation Equipment. Person may have a Nature of Injury child level. Product Description may have Container child levels. An Accident Report may have child levels Event, Reference Location, Traffic Unit, Property. Traffic Unit may have child levels Transportation Equipment, Person, Shipment. Transportation Equipment may have child levels Action, Damage, Person. Person may have child levels Action, Nature of Injury. Shipment may have Product Description child levels.

2/0500 The YNQ provides responses to conditions relating to the entity specified in 2/0100.

2/1200 The LQ loop provides report data in coded form.

2/1400 The YNQ provides responses to conditions relating to the data specified in 2/1200.

2/2400 The NM1 loop identifies the entity reporting or receiving the data, the entities involved in the event, or the location of the event.

2/3400 The YNQ provides responses to conditions relating to the entity specified in 2/2400.

285 - Commercial Vehicle Safety and Credentials Information Exchange

FUNCTIONAL GROUP=**CV**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Commercial Vehicle Safety and Credentials Information Exchange Transaction Set (285) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used by enforcement officials, government administrators and other authorized parties to electronically ask for information on the safety performance, regulatory compliance and credentials status of commercial motor vehicles, carriers and drivers. It can also be used by sources that maintain such data to respond to such requests.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	NM1	Individual or Organizational Name	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - NX1					>1
N	0100	NX1	Property or Entity Identification	M	1	
	0200	N9	Extended Reference Information	M	>1	
	LOOP ID - LM					>1
	0300	LM	Code Source Information	O	1	
	0400	LQ	Industry Code Identification	M	1	
	0500	REF	Reference Information	O	>1	
	0600	DTM	Date/Time Reference	O	>1	
	0700	DMG	Demographic Information	O	1	
	0800	DMA	Additional Demographic Information	O	1	
	0900	DVI	Dynamic Vehicle Information	O	>1	
	1000	VC1	Vehicle Detail	O	1	
	1100	VEH	Vehicle Information	O	1	
	1150	N12	Equipment Environment	O	1	
	LOOP ID - NM1					>1
	1200	NM1	Individual or Organizational Name	O	1	
	1250	N2	Additional Name Information	O	2	
	1300	N3	Party Location	O	>1	
	1400	N4	Geographic Location	O	1	
	1500	PER	Administrative Communications Contact	O	1	
	1600	REF	Reference Information	O	>1	
	1700	MEA	Measurements	O	>1	
	1800	QTY	Quantity Information	O	>1	
	1900	LS	Loop Header	O	1	

LOOP ID - LM					>1
2000	LM	Code Source Information	O	1	
2100	LQ	Industry Code Identification	M	1	
2200	YNQ	Yes/No Question	O	>1	
2300	REF	Reference Information	O	1	
2400	QTY	Quantity Information	O	1	
2500	PCT	Percent Amounts	O	1	
2600	AMT	Monetary Amount Information	O	1	
2700	SPR	Supplier Rating	O	1	
2800	SRE	Test Scores	O	1	
2900	STA	Statistics	O	>1	
3000	MEA	Measurements	O	1	
3100	DTM	Date/Time Reference	O	1	
3200	NTE	Note/Special Instruction	O	>1	
LOOP ID - TC2					>1
3300	TC2	Commodity	O	1	
3400	H1	Hazardous Material	O	1	
3500	PER	Administrative Communications Contact	O	1	
LOOP ID - N4					>1
3600	N4	Geographic Location	O	1	
3700	REF	Reference Information	O	>1	
3800	LE	Loop Trailer	O	1	
3900	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The NM1 segment may be used to supply the name of the sender or receiver of the transaction, as well as a communication number.

2/0100 The NX1 segment is used to identify the type of entity, such as motor carrier, vehicle and driver.

286 - Commercial Vehicle Credentials

FUNCTIONAL GROUP=**KM**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Commercial Vehicle Credentials Transaction Set (286) for use within the context of an Electronic Data Interchange (EDI) environment. This bi-directional transaction set can be used by owners, lessees, and drivers of commercial motor vehicles to electronically apply for credentials necessary to legally operate those vehicles, and by authorizing jurisdictions to electronically transmit credential data to applicants and other authorized entities.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	CUR	Currency	O	1	
LOOP ID - NM1					>1
0400	NM1	Individual or Organizational Name	O	1	
0500	N2	Additional Name Information	O	2	
0600	N3	Party Location	O	2	
0700	N4	Geographic Location	O	1	
0800	N9	Extended Reference Information	O	>1	
0900	PER	Administrative Communications Contact	O	>1	
1000	DTM	Date/Time Reference	O	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - SPI					>1
0100	SPI	Specification Identifier	M	1	
LOOP ID - HL					>1
N 0200	HL	Hierarchical Level	M	1	
LOOP ID - LM					>1
0300	LM	Code Source Information	M	1	
LOOP ID - LQ					>1
0400	LQ	Industry Code Identification	M	1	
0500	N9	Extended Reference Information	O	>1	
0600	DTM	Date/Time Reference	O	>1	
0700	MEA	Measurements	O	>1	
0800	QTY	Quantity Information	O	>1	
0900	PDL	Payment Details	O	1	
1000	AMT	Monetary Amount Information	O	>1	
1100	YNQ	Yes/No Question	O	>1	
1200	VEH	Vehicle Information	O	>1	
1300	DVI	Dynamic Vehicle Information	O	>1	
1400	TC2	Commodity	O	>1	
1500	N12	Equipment Environment	O	>1	

1600	H1	Hazardous Material	O	>1				
1700	MSG	Message Text	O	>1				
LOOP ID - NM1					>1			
1800	NM1	Individual or Organizational Name	O	1				
1900	N2	Additional Name Information	O	2				
2000	N3	Party Location	O	2				
2100	N4	Geographic Location	O	1				
2200	N9	Extended Reference Information	O	>1				
2300	PER	Administrative Communications Contact	O	>1				
2400	EMS	Employment Position	O	1				
2500	DTM	Date/Time Reference	O	>1				
2600	MEA	Measurements	O	>1				
2700	QTY	Quantity Information	O	>1				
2800	YNQ	Yes/No Question	O	>1				
2900	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1				
3000	SE	Transaction Set Trailer	M	1				

Notes

2/0200 HL01 (Hierarchical ID Number) will be assigned sequentially within the hierarchy starting with one (1) and incremented by one (1) for each HL segment.

2/0200 The HL segment identifies the hierarchical relationship of commercial vehicle credential information carried by the transaction set. A parent level for either a credential action or report is required with optional child levels, for example, company, cost, vehicle, component, measurement, quantity, jurisdiction, and fleet.

288 - Wage Determination

FUNCTIONAL GROUP=**WI**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Wage Determination Transaction Set (288) for use within the context of an Electronic Data Interchange (EDI) environment. This bi-directional transaction set can be used to request and respond to requests for wage information such as prevailing wage rates. This information can be determined by occupational categories, geographical area, nature of the workforce, and contract status.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	CRC	Conditions Indicator	O	>1	
	0400	NTE	Note/Special Instruction	O	>1	
	LOOP ID - N1					>1
N	0500	N1	Party Identification	M	1	
	0600	N2	Additional Name Information	O	2	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	0900	PER	Administrative Communications Contact	O	>1	
N	1000	REF	Reference Information	O	>1	
	LOOP ID - DTM					>1
	1100	DTM	Date/Time Reference	O	1	
N	1200	REF	Reference Information	O	>1	
N	1300	AMT	Monetary Amount Information	O	>1	
	1400	QTY	Quantity Information	O	>1	
	LOOP ID - LM					>1
N	1500	LM	Code Source Information	O	1	
	1600	LQ	Industry Code Identification	O	>1	
	1700	NTE	Note/Special Instruction	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LX					>1
N	0100	LX	Transaction Set Line Number	O	1	
	0200	DTM	Date/Time Reference	O	>1	
	0300	REF	Reference Information	O	>1	
	LOOP ID - N1					>1
	0400	N1	Party Identification	O	1	
	0500	N2	Additional Name Information	O	2	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	

LOOP ID - LM						>1
	0800	LM	Code Source Information	O	1	
	0900	LQ	Industry Code Identification	M	>1	
N	1000	AMT	Monetary Amount Information	O	>1	
	1100	QTY	Quantity Information	O	>1	
	1200	NTE	Note/Special Instruction	O	>1	
	1300	SE	Transaction Set Trailer	M	1	

Notes

1/0500 The N1 segment identifies the party or agency sending the request, and the party or agency receiving the response. It can also be used to identify the wage determination certifying party and other relevant parties.

1/1000 The REF Segment is used to convey coded categories of services requested.

1/1200 The REF Segment is used to convey an identification number assigned to wage information.

1/1300 The AMT Segment is used to convey values relating to contract expenditures.

1/1500 The LM Loop is required when a request is found to be in non-compliance.

2/0100 The LX Loop conveys wage information.

2/1000 The AMT Segment is used to convey wage rates.

290 - Cooperative Advertising Agreements

FUNCTIONAL GROUP=**CO**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Cooperative Advertising Agreements Transaction Set (290) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to initiate, review, and conclude a cooperative advertising agreement. It is designed to be used iteratively. The transaction set can be used to request advertising support, provide guidelines for local advertising, provide cost or budget estimates, issue a cooperative advertising commitment, and provide the actual expenses.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	CMA	Cooperative Market Agreement	M	1	
	0300	DOS	Definition of Share	O	1	
	0400	NTE	Note/Special Instruction	O	10	
	LOOP ID - N1					250
N	0500	N1	Party Identification	M	1	
	0530	N2	Additional Name Information	O	1	
	0550	N3	Party Location	O	1	
	0600	N4	Geographic Location	O	1	
	0700	PER	Administrative Communications Contact	O	1	
N	0800	ASM	Amount and Settlement Method	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - MI					99
	0100	MI	Media Information	O	1	
	0200	DOS	Definition of Share	O	1	
	LOOP ID - N1					99
	0300	N1	Party Identification	O	1	
N	0400	CRC	Conditions Indicator	O	1	
	0500	PAI	Print Advertisement Information	O	60	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	QTY	Quantity Information	O	1	
N	0200	AMT	Monetary Amount Information	O	2	
	0300	SE	Transaction Set Trailer	M	1	

Notes

1/0500 The N1 segment identifies the advertising company, the party responsible for the advertising placement, and all of the local outlets sharing in the cost of the advertising.
1/0800 The ASM segment occurs for each participant.
2/0400 The CRC segment will indicate if the cost of the publication is shared by the participants.
3/0100 The QTY segment indicates the number of participants.

3/0200 The first occurrence of the AMT segment is the campaign summary. The second occurrence identifies the campaign summary to be shared.

300 - Reservation (Booking Request) (Ocean)

FUNCTIONAL GROUP=**RO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Reservation (Booking Request) (Ocean) Transaction Set (300) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a shipper or a forwarder to reserve space, containers and equipment for transport by ocean vessel.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B1	Beginning Segment for Booking or Pickup/Delivery	M	1	
0250	G61	Contact	O	3	
0300	Y6	Authentication	O	2	
0400	Y7	Cargo Booking Priority	O	1	
0500	Y1	Space Reservation Request	M	1	
LOOP ID - Y2					10
0600	Y2	Container Details	O	1	
0650	W09	Equipment and Temperature	O	1	
0690	N9	Extended Reference Information	O	100	
0700	R2A	Route Information with Preference	O	25	
LOOP ID - N1					99
0800	N1	Party Identification	M	1	
0900	N2	Additional Name Information	O	1	
1000	N3	Party Location	O	2	
1100	N4	Geographic Location	O	1	
1200	G61	Contact	O	3	
LOOP ID - R4					20
1300	R4	Port or Terminal	M	1	
1400	DTM	Date/Time Reference	O	15	
1500	W09	Equipment and Temperature	O	1	
1600	H3	Special Handling Instructions	O	20	
1700	EA	Equipment Attributes	O	5	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LX					999
0100	LX	Transaction Set Line Number	M	1	
0200	N7	Equipment Details	O	1	
0210	W09	Equipment and Temperature	O	1	
0300	DTM	Date/Time Reference	O	1	
0400	L0	Line Item - Quantity and Weight	O	1	
0500	L5	Description, Marks and Numbers	O	1	
0600	L4	Measurement	O	1	

0650	L1	Rate and Charges	O	20	
0670	REF	Reference Information	O	1	
LOOP ID - H1					10
0700	H1	Hazardous Material	O	1	
0800	H2	Additional Hazardous Material Description	O	10	
LOOP ID - LH1					100
0810	LH1	Hazardous Identification Information	O	1	
0820	LH2	Hazardous Classification Information	O	4	
0830	LH3	Hazardous Material Shipping Name Information	O	10	
0840	LFH	Free-form Hazardous Material Information	O	25	
0850	LEP	EPA Required Data	O	3	
0860	LH4	Canadian Dangerous Requirements	O	1	
0870	LHT	Transborder Hazardous Requirements	O	3	
0880	LHR	Hazardous Material Identifying Reference Numbers	O	10	
0890	PER	Administrative Communications Contact	O	5	
0900	V1	Vessel Identification	O	2	
1000	V9	Event Detail	O	10	
1100	K1	Remarks	O	20	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

301 - Confirmation (Ocean)

FUNCTIONAL GROUP=**RO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Confirmation (Ocean) Transaction Set (301) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary for an ocean carrier to confirm space, container, and equipment availability in response to the Reservation (Booking Request) (Ocean) Transaction Set (300); or to notify other parties such as terminal operators or other ocean carriers.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B1	Beginning Segment for Booking or Pickup/Delivery	M	1	
0250	G61	Contact	O	3	
0300	Y6	Authentication	O	2	
0400	Y3	Space Confirmation	M	1	
LOOP ID - Y4					10
0500	Y4	Container Release	O	1	
0510	W09	Equipment and Temperature	O	1	
0540	N9	Extended Reference Information	O	100	
0550	R2A	Route Information with Preference	O	25	
LOOP ID - N1					99
0600	N1	Party Identification	O	1	
0700	N2	Additional Name Information	O	1	
0800	N3	Party Location	O	2	
0900	N4	Geographic Location	O	1	
1000	G61	Contact	O	3	
LOOP ID - R4					20
1100	R4	Port or Terminal	M	1	
1200	DTM	Date/Time Reference	O	15	
1300	W09	Equipment and Temperature	O	1	
1400	H3	Special Handling Instructions	O	20	
1500	EA	Equipment Attributes	O	5	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LX					999
0100	LX	Transaction Set Line Number	M	1	
0200	N7	Equipment Details	O	1	
0210	W09	Equipment and Temperature	O	1	
0300	K1	Remarks	O	10	
LOOP ID - L0					999
0400	L0	Line Item - Quantity and Weight	M	1	

0500	L5	Description, Marks and Numbers	O	1	
0550	L4	Measurement	O	1	
0570	L1	Rate and Charges	O	20	
LOOP ID - H1					100
0600	H1	Hazardous Material	O	1	
0700	H2	Additional Hazardous Material Description	O	10	
LOOP ID - LH1					100
0710	LH1	Hazardous Identification Information	O	1	
0720	LH2	Hazardous Classification Information	O	4	
0730	LH3	Hazardous Material Shipping Name Information	O	10	
0740	LFH	Free-form Hazardous Material Information	O	25	
0750	LEP	EPA Required Data	O	3	
0760	LH4	Canadian Dangerous Requirements	O	1	
0770	LHT	Transborder Hazardous Requirements	O	3	
0780	LHR	Hazardous Material Identifying Reference Numbers	O	10	
0790	PER	Administrative Communications Contact	O	5	
0800	V1	Vessel Identification	O	2	
0900	V9	Event Detail	O	10	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

303 - Booking Cancellation (Ocean)

FUNCTIONAL GROUP=**RO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Booking Cancellation (Ocean) Transaction Set (303) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary for a shipper or forwarder to cancel a previous booking request.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B1	Beginning Segment for Booking or Pickup/Delivery	M	1	
0300	Y6	Authentication	O	2	
0400	Y5	Space Booking Cancellation	M	1	
0500	V9	Event Detail	O	10	
0600	SE	Transaction Set Trailer	M	1	

304 - Shipping Instructions

FUNCTIONAL GROUP=**SO**
SUBCOMMITTEE=**I**

This X12 Transaction Set provides the format and establishes the data contents of the Shipping Instructions Transaction Set (304) for use within the context of an Electronic Data Interchange (EDI) environment.

When this transaction set is transmitted to an ocean carrier, it provides all the information necessary to prepare and distribute a contract of carriage such as an ocean bill of lading, sea waybill, and other shipping documents. When this transaction set is transmitted to a freight forwarder or customs broker, it provides for the transmission of shipping and financial information required by the forwarder or customs broker to move cargo and provide the services requested.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	B2	Beginning Segment for Shipment Information Transaction	M	1	
	0300	B2A	Set Purpose	O	1	
	0400	Y6	Authentication	O	2	
	0500	G1	Shipment Type Information	O	1	
	0600	G2	Beyond Routing	O	1	
	0700	G3	Compensation Information	O	1	
	0800	N9	Extended Reference Information	O	100	
	0850	YNQ	Yes/No Question	O	10	
	0900	V1	Vessel Identification	O	2	
	1000	V3	Vessel Schedule	O	1	
	1100	M0	Letter of Credit Reference	O	1	
N	1150	CUR	Currency	O	1	
	LOOP ID - M1					5
	1200	M1	Insurance	O	1	
	1250	CUR	Currency	O	1	
	1300	M2	Sales/Delivery Terms	O	1	
	1400	C2	Bank ID	O	1	
	1550	ITD	Terms of Sale/Deferred Terms of Sale	O	1	
	1560	DTM	Date/Time Reference	O	20	
	LOOP ID - N1					100
	1600	N1	Party Identification	O	1	
	1700	N2	Additional Name Information	O	2	
	1800	N3	Party Location	O	2	
	1900	N4	Geographic Location	O	1	
	1950	G61	Contact	O	3	
	LOOP ID - R4					20
	2000	R4	Port or Terminal	O	1	
	2100	DTM	Date/Time Reference	O	15	

2160	R2A	Route Information with Preference	O	25	
2200	R2	Route Information	O	13	
2300	K1	Remarks	O	12	
2400	L11	Business Instructions and Reference Number	O	99	
2500	H3	Special Handling Instructions	O	20	
2600	L5	Description, Marks and Numbers	O	999	
2700	X1	Export License	O	25	
2800	X2	Import License	O	5	
LOOP ID - C8					20
2900	C8	Certifications and Clauses	O	1	
2950	C8C	Certifications Clauses Continuation	O	5	
3000	SUP	Supplementary Information	O	10	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LX					999
0100	LX	Transaction Set Line Number	O	1	
0200	Y2	Container Details	O	10	
LOOP ID - N7					999
0300	N7	Equipment Details	O	1	
0350	QTY	Quantity Information	O	1	
0380	L4	Measurement	O	1	
0400	N12	Equipment Environment	O	1	
0500	M7	Seal Numbers	O	5	
0550	M7A	Seal Number Replacement	O	100	
0600	W09	Equipment and Temperature	O	1	
0620	LH6	Hazardous Certification	O	6	
LOOP ID - L1					20
0700	L1	Rate and Charges	O	1	
0800	CUR	Currency	O	1	
1000	L7	Tariff Reference	O	1	
1100	X1	Export License	O	25	
1200	X2	Import License	O	5	
1300	N9	Extended Reference Information	O	100	
LOOP ID - H1					10
1350	H1	Hazardous Material	O	1	
1370	H2	Additional Hazardous Material Description	O	10	
LOOP ID - LH1					100
1400	LH1	Hazardous Identification Information	O	1	
N 1410	LH2	Hazardous Classification Information	O	4	
1420	LH3	Hazardous Material Shipping Name Information	O	10	
1430	LFH	Free-form Hazardous Material Information	O	25	
1440	LEP	EPA Required Data	O	3	
1450	LH4	Canadian Dangerous Requirements	O	1	
1460	LHT	Transborder Hazardous Requirements	O	3	
1470	LHR	Hazardous Material Identifying Reference Numbers	O	10	

	1480	PER	Administrative Communications Contact	O	5	
	1510	L11	Business Instructions and Reference Number	O	100	
	1600	K1	Remarks	O	10	
LOOP ID - PO4						100
N	1620	PO4	Item Physical Details	O	1	
	1640	MEA	Measurements	O	5	
	1660	MAN	Marks and Numbers Information	O	5	
	1680	N9	Extended Reference Information	O	5	
LOOP ID - L0						120
	1700	L0	Line Item - Quantity and Weight	O	1	
	1710	MEA	Measurements	O	10	
	1715	N9	Extended Reference Information	O	100	
LOOP ID - PO4						100
N	1720	PO4	Item Physical Details	O	1	
	1730	MEA	Measurements	O	5	
	1740	MAN	Marks and Numbers Information	O	5	
	1750	N9	Extended Reference Information	O	5	
N	1760	QTY	Quantity Information	O	5	
	1770	L4	Measurement	O	1	
	1780	LH6	Hazardous Certification	O	6	
LOOP ID - PAL						3
	1790	PAL	Pallet Type and Load Characteristics	O	1	
	1810	QTY	Quantity Information	O	1	
LOOP ID - CTP						1
	1830	CTP	Pricing Information	O	1	
	1840	CUR	Currency	O	1	
	1850	L5	Description, Marks and Numbers	O	999	
	1870	LIN	Item Identification	O	1	
	1900	L12	Alternate Lading Description	O	20	
	1970	YNQ	Yes/No Question	O	10	
LOOP ID - L1						20
	2000	L1	Rate and Charges	O	1	
	2100	CUR	Currency	O	1	
	2300	L7	Tariff Reference	O	1	
LOOP ID - SAC						10
	2350	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
	2360	CUR	Currency	O	1	
LOOP ID - L9						10
	2370	L9	Charge Detail	O	1	
	2380	CUR	Currency	O	1	
	2400	X1	Export License	O	25	
	2500	X2	Import License	O	5	
LOOP ID - C8						20

2600	C8	Certifications and Clauses	O	1	
2610	C8C	Certifications Clauses Continuation	O	5	
2650	SUP	Supplementary Information	O	10	
LOOP ID - H1					10
2700	H1	Hazardous Material	O	1	
2800	H2	Additional Hazardous Material Description	O	10	
LOOP ID - LH1					1000
2900	LH1	Hazardous Identification Information	O	1	
N 3000	LH2	Hazardous Classification Information	O	4	
3100	LH3	Hazardous Material Shipping Name Information	O	10	
3200	LFH	Free-form Hazardous Material Information	O	25	
3300	LEP	EPA Required Data	O	3	
3400	LH4	Canadian Dangerous Requirements	O	1	
3500	LHT	Transborder Hazardous Requirements	O	3	
3600	LHR	Hazardous Material Identifying Reference Numbers	O	5	
3700	PER	Administrative Communications Contact	O	5	
LOOP ID - N1					10
3800	N1	Party Identification	O	1	
3900	N2	Additional Name Information	O	2	
4000	N3	Party Location	O	2	
4100	N4	Geographic Location	O	1	
4200	G61	Contact	O	3	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - L3					1
0100	L3	Total Weight and Charges	O	1	
0110	CUR	Currency	O	1	
0150	MEA	Measurements	O	5	
0200	PWK	Paperwork	O	50	
0250	SUP	Supplementary Information	O	999	
LOOP ID - L1					20
0300	L1	Rate and Charges	O	1	
0400	CUR	Currency	O	1	
LOOP ID - TDS					1
0420	TDS	Total Monetary Value Summary	O	1	
0430	CUR	Currency	O	1	
LOOP ID - SAC					10
0440	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
0450	CUR	Currency	O	1	
LOOP ID - L9					10
0460	L9	Charge Detail	O	1	
0470	CUR	Currency	O	1	
0480	ISS	Invoice Shipment Summary	O	5	

0500	V9	Event Detail	O	10
0600	K1	Remarks	O	999
0700	L11	Business Instructions and Reference Number	O	24
0800	SE	Transaction Set Trailer	M	1

Notes

1/1150 The currency specified at this position will be in effect for all monetary values except those accompanied by a currency segment. If any other currency segments are transmitted, they will apply to the loop in which they occur.

2/1410 If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory; however, the receiver must consider it to be blanks when printing a paper document.

2/1620 The PO4 loop may be used to transmit layered packaging information. The use of the PO4 loop in Table 2 Position 162 is mutually exclusive with the use of the PO4 loop in Table 2 Position 172 in a single iteration of the LX loop.

2/1720 The PO4 loop may be used to transmit layered packaging information. The use of the PO4 loop in Table 2 Position 172 is mutually exclusive with the use of the PO4 loop in Table 2 Position 162 in a single iteration of the LX loop.

2/1760 The lading quantity of principal interest to the parties exchanging information is transmitted in the LO segment. The quantity ordered and other pertinent lading quantities are to be transmitted in the QTY segments in the LO loop.

2/3000 If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory; however, the receiver must consider it to be blanks when printing a paper document.

309 - Customs Manifest

FUNCTIONAL GROUP=**AQ**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Customs Manifest Transaction Set (309) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by carriers, terminal operators, port authorities, or service centers to provide Customs with manifest data on cargo arriving in or departing from oceangoing vessels, railroad trains, or other types of conveyances. The transaction set can be also used by carriers to provide terminal operators, port authorities, or service centers with manifest data on cargo arriving at their facilities via the conveyances mentioned above.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	M10	Manifest Identifying Information	M	1	
0210	N9	Extended Reference Information	O	5	
0250	VEH	Vehicle Information	O	10	
0255	M7	Seal Numbers	O	1	
0260	CII	Conveyance Insurance Information	O	3	
LOOP ID - NM1					999
0270	NM1	Individual or Organizational Name	O	1	
0290	DMG	Demographic Information	O	1	
0300	DMA	Additional Demographic Information	O	1	
0310	REF	Reference Information	O	10	
0320	N3	Party Location	O	2	
0330	N4	Geographic Location	O	1	
LOOP ID - P4					20
0400	P4	Port Information	M	1	
LOOP ID - LX					9999
0600	LX	Transaction Set Line Number	M	1	
0700	M13	Manifest Amendment Details	O	1	
0800	M11	Manifest Bill of Lading Details	O	1	
0850	N9	Extended Reference Information	O	999	
LOOP ID - N1					25
1000	N1	Party Identification	O	1	
1100	N3	Party Location	O	2	
1200	N4	Geographic Location	O	1	
1230	DTM	Date/Time Reference	O	1	
1250	PER	Administrative Communications Contact	O	1	
1260	X1	Export License	O	1	
1270	DMG	Demographic Information	O	1	
LOOP ID - M12					1
1300	M12	In-bond Identifying Information	O	1	

1350	R4	Port or Terminal	O	10	
LOOP ID - VID					999
1500	VID	Conveyance Identification	O	1	
1570	M7	Seal Numbers	O	5	
LOOP ID - N1					999
1585	N1	Party Identification	O	1	
1590	N3	Party Location	O	1	
1595	N4	Geographic Location	O	1	
LOOP ID - N10					999
1600	N10	Quantity and Description	O	1	
1620	VC	Motor Vehicle Control	O	999	
1630	MAN	Marks and Numbers Information	O	999	
LOOP ID - H1					99
1650	H1	Hazardous Material	O	1	
1660	H2	Additional Hazardous Material Description	O	99	
1665	PER	Administrative Communications Contact	O	1	
2000	SE	Transaction Set Trailer	M	1	

310 - Freight Receipt and Invoice (Ocean)

FUNCTIONAL GROUP=**IO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Freight Receipt and Invoice (Ocean) Transaction Set (310) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide ocean bill of lading information. It is sent by ocean carriers to interested parties and can be used as the receipt for the shipment; to substitute for a paper bill of lading where the parties have agreed that a paper bill of lading is not necessary; to allow shipper or forwarder to verify bill of lading information before an original is printed and released; for information purposes, i.e., as a bill of lading copy; by the carrier to convey manifest information to a terminal operator; and as an invoice for freight.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B3	Beginning Segment for Carrier's Invoice	M	1	
0300	B2A	Set Purpose	O	1	
0400	Y6	Authentication	O	2	
0500	G3	Compensation Information	O	1	
0600	N9	Extended Reference Information	O	15	
0700	V1	Vessel Identification	M	2	
0800	M0	Letter of Credit Reference	O	1	
0900	M1	Insurance	O	5	
1000	C2	Bank ID	O	1	
1100	C3	Currency Identifier	O	1	
1200	Y2	Container Details	O	10	
LOOP ID - N1					10
1300	N1	Party Identification	M	1	
1400	N2	Additional Name Information	O	1	
1500	N3	Party Location	O	2	
1600	N4	Geographic Location	O	1	
1700	G61	Contact	O	3	
LOOP ID - R4					20
1800	R4	Port or Terminal	M	1	
1900	DTM	Date/Time Reference	O	15	
1990	R2A	Route Information with Preference	O	25	
2000	R2	Route Information	O	13	
2100	K1	Remarks	O	12	
2200	H3	Special Handling Instructions	O	20	
2300	L5	Description, Marks and Numbers	O	1	
LOOP ID - C8					20
2400	C8	Certifications and Clauses	O	1	
2500	C8C	Certifications Clauses Continuation	O	5	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LX					999
0100	LX	Transaction Set Line Number	M	1	
LOOP ID - N7					999
0200	N7	Equipment Details	O	1	
0250	QTY	Quantity Information	O	1	
0300	V4	Cargo Location Reference	O	1	
0400	N12	Equipment Environment	O	1	
0500	M7	Seal Numbers	O	5	
0600	W09	Equipment and Temperature	O	1	
LOOP ID - L1					20
0700	L1	Rate and Charges	O	1	
0800	C3	Currency Identifier	O	1	
0900	L7	Tariff Reference	O	1	
1000	X1	Export License	O	1	
1100	X2	Import License	O	1	
1200	N9	Extended Reference Information	O	3	
LOOP ID - H1					10
1300	H1	Hazardous Material	O	1	
1400	H2	Additional Hazardous Material Description	O	10	
LOOP ID - LH1					100
1410	LH1	Hazardous Identification Information	O	1	
1420	LH2	Hazardous Classification Information	O	4	
1430	LH3	Hazardous Material Shipping Name Information	O	10	
1440	LFH	Free-form Hazardous Material Information	O	25	
1450	LEP	EPA Required Data	O	3	
1460	LH4	Canadian Dangerous Requirements	O	1	
1470	LHT	Transborder Hazardous Requirements	O	3	
1480	LHR	Hazardous Material Identifying Reference Numbers	O	10	
1490	PER	Administrative Communications Contact	O	5	
LOOP ID - L0					120
1500	L0	Line Item - Quantity and Weight	O	1	
1600	L5	Description, Marks and Numbers	O	999	
LOOP ID - L1					20
1700	L1	Rate and Charges	O	1	
1800	C3	Currency Identifier	O	1	
1900	L7	Tariff Reference	O	1	
2000	X1	Export License	O	1	
2100	X2	Import License	O	1	
LOOP ID - C8					20
2200	C8	Certifications and Clauses	O	1	
2210	C8C	Certifications Clauses Continuation	O	5	
LOOP ID - H1					10

2300	H1	Hazardous Material	O	1	
2400	H2	Additional Hazardous Material Description	O	10	
LOOP ID - LH1					100
2410	LH1	Hazardous Identification Information	O	1	
2420	LH2	Hazardous Classification Information	O	4	
2430	LH3	Hazardous Material Shipping Name Information	O	10	
2440	LFH	Free-form Hazardous Material Information	O	25	
2450	LEP	EPA Required Data	O	3	
2460	LH4	Canadian Dangerous Requirements	O	1	
2470	LHT	Transborder Hazardous Requirements	O	3	
2480	LHR	Hazardous Material Identifying Reference Numbers	O	5	
2490	PER	Administrative Communications Contact	O	5	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	L3	Total Weight and Charges	M	1	
0200	PWK	Paperwork	O	25	
LOOP ID - L1					20
0300	L1	Rate and Charges	O	1	
0400	C3	Currency Identifier	O	1	
0500	V9	Event Detail	O	10	
0550	C8	Certifications and Clauses	O	20	
0600	K1	Remarks	O	999	
0700	L11	Business Instructions and Reference Number	O	1	
0800	SE	Transaction Set Trailer	M	1	

311 - Canada Customs Information

FUNCTIONAL GROUP=**SO**
SUBCOMMITTEE=**I**

This X12 Transaction Set provides the format and establishes the data contents of the Canada Customs Information Transaction Set (311) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides all information necessary for an ocean or rail carrier or freight forwarder to report import and export conveyance and consignment information to Canada Customs.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B2A	Set Purpose	M	1	
0300	Y6	Authentication	O	2	
0400	N9	Extended Reference Information	M	10	
0500	V1	Vessel Identification	O	1	
0600	V2	Vessel Information	O	1	
0700	V3	Vessel Schedule	O	1	
0800	DTM	Date/Time Reference	O	2	
LOOP ID - N1					10
0900	N1	Party Identification	M	1	
1000	N2	Additional Name Information	O	1	
1100	N3	Party Location	O	2	
1200	N4	Geographic Location	O	1	
1300	R4	Port or Terminal	M	10	
1400	K1	Remarks	O	5	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LX					999
0100	LX	Transaction Set Line Number	M	1	
0200	Y2	Container Details	O	10	
LOOP ID - ED					999
0300	ED	Equipment Description	O	1	
0400	M7	Seal Numbers	O	5	
0500	NA	Cross-Reference Equipment	O	1	
0600	L4	Measurement	O	1	
0700	G2	Beyond Routing	O	1	
LOOP ID - L0					120
0800	L0	Line Item - Quantity and Weight	O	1	
0900	L5	Description, Marks and Numbers	M	999	
1000	L4	Measurement	O	1	
1100	X1	Export License	O	5	
1200	X2	Import License	O	5	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	L3	Total Weight and Charges	O	1	
0200	K1	Remarks	O	2	
0300	SE	Transaction Set Trailer	M	1	

312 - Arrival Notice (Ocean)

FUNCTIONAL GROUP=**IO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Arrival Notice (Ocean) Transaction Set (312) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary for a consignee to receive a shipment including customs, payments due, and estimated arrival date and time of shipment.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B3	Beginning Segment for Carrier's Invoice	M	1	
0300	Y6	Authentication	O	2	
0400	Q3	Arrival Details	M	1	
0500	C3	Currency Identifier	O	1	
0600	G1	Shipment Type Information	O	1	
0700	G2	Beyond Routing	O	1	
0800	R2	Route Information	O	13	
0900	N9	Extended Reference Information	O	15	
1000	V1	Vessel Identification	M	2	
LOOP ID - N1					10
1100	N1	Party Identification	M	1	
1200	N2	Additional Name Information	O	1	
1300	N3	Party Location	O	2	
1400	N4	Geographic Location	O	1	
LOOP ID - R4					20
1500	R4	Port or Terminal	M	1	
1600	DTM	Date/Time Reference	O	15	
1700	H3	Special Handling Instructions	O	20	
1800	L5	Description, Marks and Numbers	O	1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LX					999
0100	LX	Transaction Set Line Number	M	1	
LOOP ID - N7					999
0200	N7	Equipment Details	O	1	
0250	QTY	Quantity Information	O	1	
0300	N12	Equipment Environment	O	1	
0400	M7	Seal Numbers	O	5	
0500	W09	Equipment and Temperature	O	1	
0600	L4	Measurement	O	1	
LOOP ID - H1					2
0700	H1	Hazardous Material	O	1	

0800	H2	Additional Hazardous Material Description	O	10	
LOOP ID - LH1					100
0810	LH1	Hazardous Identification Information	O	1	
0820	LH2	Hazardous Classification Information	O	4	
0830	LH3	Hazardous Material Shipping Name Information	O	10	
0840	LFH	Free-form Hazardous Material Information	O	25	
0850	LEP	EPA Required Data	O	3	
0860	LH4	Canadian Dangerous Requirements	O	1	
0870	LHT	Transborder Hazardous Requirements	O	3	
0880	LHR	Hazardous Material Identifying Reference Numbers	O	10	
0890	PER	Administrative Communications Contact	O	5	
LOOP ID - L0					120
0900	L0	Line Item - Quantity and Weight	O	1	
1000	L5	Description, Marks and Numbers	O	999	
LOOP ID - L1					20
1100	L1	Rate and Charges	O	1	
1200	C3	Currency Identifier	O	1	
1300	L7	Tariff Reference	O	1	
LOOP ID - H1					2
1400	H1	Hazardous Material	O	1	
1500	H2	Additional Hazardous Material Description	O	10	
LOOP ID - LH1					100
1510	LH1	Hazardous Identification Information	O	1	
1520	LH2	Hazardous Classification Information	O	4	
1530	LH3	Hazardous Material Shipping Name Information	O	10	
1540	LFH	Free-form Hazardous Material Information	O	25	
1550	LEP	EPA Required Data	O	3	
1560	LH4	Canadian Dangerous Requirements	O	1	
1570	LHT	Transborder Hazardous Requirements	O	3	
1580	LHR	Hazardous Material Identifying Reference Numbers	O	5	
1590	PER	Administrative Communications Contact	O	5	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	V9	Event Detail	O	10	
0200	L3	Total Weight and Charges	M	1	
LOOP ID - L1					20
0300	L1	Rate and Charges	O	1	
0400	C3	Currency Identifier	O	1	
0500	K1	Remarks	O	999	
0600	L11	Business Instructions and Reference Number	O	1	
0700	SE	Transaction Set Trailer	M	1	

313 - Shipment Status Inquiry (Ocean)

FUNCTIONAL GROUP=**QO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Shipment Status Inquiry (Ocean) Transaction Set (313) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary for an authorized party to an ocean shipment to inquire of the ocean carrier as to the status of a shipment.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B4	Beginning Segment for Inquiry or Reply	M	1	
0300	N9	Extended Reference Information	O	25	
0400	N1	Party Identification	O	2	
0500	SE	Transaction Set Trailer	M	1	

315 - Status Details (Ocean)

FUNCTIONAL GROUP=**QO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Status Details (Ocean) Transaction Set (315) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary to report status or event details for selected shipments or containers. It is intended to accommodate the details for one status or event associated with many shipments or containers, as well as more than one status or event for one shipment or container.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B4	Beginning Segment for Inquiry or Reply	M	1	
0300	N9	Extended Reference Information	O	30	
0400	Q2	Status Details (Ocean)	O	1	
0500	SG	Shipment Status	O	15	
LOOP ID - R4					20
0600	R4	Port or Terminal	M	1	
0700	DTM	Date/Time Reference	O	15	
0800	V9	Event Detail	O	10	
0900	SE	Transaction Set Trailer	M	1	

317 - Delivery/Pickup Order

FUNCTIONAL GROUP=**SO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Delivery/Pickup Order Transaction Set (317) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by importers or their agents to provide marine terminal operators with orders for the delivery or pickup of goods.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
LOOP ID - N1					10
0200	N1	Party Identification	M	1	
0300	N2	Additional Name Information	O	1	
0400	N3	Party Location	O	2	
0500	N4	Geographic Location	O	1	
0600	G61	Contact	O	1	
0700	N9	Extended Reference Information	O	9	
0800	G62	Date/Time	M	1	
0900	N9	Extended Reference Information	M	9	
1000	TD5	Carrier Details (Routing Sequence/Transit Time)	M	1	
LOOP ID - L0					9999
1100	L0	Line Item - Quantity and Weight	M	1	
1200	L5	Description, Marks and Numbers	O	999	
1300	H1	Hazardous Material	O	1	
1400	SE	Transaction Set Trailer	M	1	

319 - Terminal Information

FUNCTIONAL GROUP=**SO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Terminal Information Transaction Set (319) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by terminal operators to provide shipment arrival event information to authorized parties. It can be used to transmit information such as arrival of the shipment, availability for pickup, or the actual pickup of the shipment. Some of the authorized parties to shipment are customs house brokers, freight forwarders, or consignees.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BA2	Beginning Segment for Cargo Terminal Information	M	1	
0300	CD1	Cargo Detail	M	999	
0400	SE	Transaction Set Trailer	M	1	

322 - Terminal Operations and Intermodal Ramp Activity

FUNCTIONAL GROUP=**SO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Terminal Operations and Intermodal Ramp Activity Transaction Set (322) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary for a terminal operation, port authority or intermodal ramp to communicate terminal and intermodal ramp activities (e.g., "ingates" and "outgates") to authorized parties to a shipment.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0150	ZC1	Beginning Segment for Data Correction or Change	O	1	
0160	Q5	Status Details	M	1	
LOOP ID - N7					1000
0200	N7	Equipment Details	M	1	
0300	V4	Cargo Location Reference	O	1	
0400	DTM	Date/Time Reference	O	2	
0500	M7	Seal Numbers	O	5	
0600	W09	Equipment and Temperature	O	1	
0700	W2	Equipment Identification	O	1	
0800	NA	Cross-Reference Equipment	O	30	
0850	GR5	Loading Details	O	10	
1000	Y7	Cargo Booking Priority	O	1	
1100	V1	Vessel Identification	O	1	
LOOP ID - R4					20
1200	R4	Port or Terminal	M	1	
1300	DTM	Date/Time Reference	O	15	
1400	H3	Special Handling Instructions	O	6	
LOOP ID - N1					10
1500	N1	Party Identification	O	1	
1530	N3	Party Location	O	2	
1560	N4	Geographic Location	O	1	
1600	K1	Remarks	O	2	
1700	N9	Extended Reference Information	O	50	
LOOP ID - L0					999
1800	L0	Line Item - Quantity and Weight	O	1	
1900	L5	Description, Marks and Numbers	O	1	
2000	H1	Hazardous Material	O	3	
LOOP ID - LH1					1000
2100	LH1	Hazardous Identification Information	O	1	

2200	LH2	Hazardous Classification Information	O	4	
2300	LH3	Hazardous Material Shipping Name Information	O	10	
2400	LFH	Free-form Hazardous Material Information	O	25	
2500	LEP	EPA Required Data	O	3	
2600	LH4	Canadian Dangerous Requirements	O	4	
2700	LHT	Transborder Hazardous Requirements	O	3	
2800	LHR	Hazardous Material Identifying Reference Numbers	O	10	
2900	PER	Administrative Communications Contact	O	5	
3000	L3	Total Weight and Charges	O	2	
3100	SE	Transaction Set Trailer	M	1	

Segment modifications since the previous version

	008060	008070
1/1700		
Max	30	50

323 - Vessel Schedule and Itinerary (Ocean)

FUNCTIONAL GROUP=**SO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Vessel Schedule and Itinerary (Ocean) Transaction Set (323) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary for an ocean carrier to communicate the schedule and itinerary of an ocean vessel to interested parties.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	V1	Vessel Identification	M	1	
0300	K1	Remarks	O	2	
LOOP ID - R4					999
0400	R4	Port or Terminal	M	1	
0500	DTM	Date/Time Reference	O	15	
0600	V9	Event Detail	M	5	
0700	SE	Transaction Set Trailer	M	1	

324 - Vessel Stow Plan (Ocean)

FUNCTIONAL GROUP=**SO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Vessel Stow Plan (Ocean) Transaction Set (324) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information relative to the stowage of equipment and cargo on a vessel.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	V1	Vessel Identification	M	1	
LOOP ID - R4					20
0400	R4	Port or Terminal	M	1	
0500	DTM	Date/Time Reference	O	15	
LOOP ID - N7					9999
0600	N7	Equipment Details	M	1	
0650	M7	Seal Numbers	O	5	
0700	ED	Equipment Description	O	1	
0750	NA	Cross-Reference Equipment	O	2	
0800	V4	Cargo Location Reference	M	1	
0850	R4	Port or Terminal	O	9	
0870	W09	Equipment and Temperature	O	1	
0900	H3	Special Handling Instructions	O	6	
1000	H1	Hazardous Material	O	4	
1050	N9	Extended Reference Information	O	10	
1100	SE	Transaction Set Trailer	M	1	

325 - Consolidation of Goods In Container

FUNCTIONAL GROUP=**SO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data content of the Consolidation of Goods in Container Transaction Set (325) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to provide information on the goods loaded into a container. It is sent by a consolidator to the deconsolidator or to the consignee.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B12	Beginning Segment for Consolidation of Goods In Container	M	1	
0300	M7	Seal Numbers	O	5	
0320	W09	Equipment and Temperature	O	1	
0340	H3	Special Handling Instructions	O	6	
0400	V1	Vessel Identification	M	1	
0500	V9	Event Detail	O	2	
0600	L3	Total Weight and Charges	O	1	
0700	C3	Currency Identifier	O	1	
0800	R4	Port or Terminal	M	4	
0900	N9	Extended Reference Information	O	10	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - MBL					999
0100	MBL	Bill of Lading	M	1	
0200	L3	Total Weight and Charges	O	1	
0300	C3	Currency Identifier	O	1	
0400	R4	Port or Terminal	O	4	
0500	N9	Extended Reference Information	O	10	
LOOP ID - N1					6
0600	N1	Party Identification	O	1	
0700	N2	Additional Name Information	O	1	
0800	N3	Party Location	O	2	
0900	N4	Geographic Location	O	1	
LOOP ID - LIN					999
1000	LIN	Item Identification	M	1	
1100	SN1	Item Detail (Shipment)	M	1	
1200	PRF	Purchase Order Reference	O	1	
1300	TD1	Carrier Details (Quantity and Weight)	M	1	
LOOP ID - H1					10
1320	H1	Hazardous Material	O	1	
1340	H2	Additional Hazardous Material Description	O	10	
1400	G20	Item Packing Detail	O	1	

1420	MAN	Marks and Numbers Information	O	10
1500	UIT	Unit Detail	O	1
1600	N1	Party Identification	O	1
1700	L8	Line Item Subtotal	O	1
1800	C3	Currency Identifier	O	1
1900	R4	Port or Terminal	O	4
2000	N9	Extended Reference Information	O	10
2100	SE	Transaction Set Trailer	M	1

326 - Consignment Summary List

FUNCTIONAL GROUP=**SO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Consignment Summary List Transaction Set (326) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to provide a list to a customer of all consignments for which an ocean carrier has accepted or is expected to accept responsibility for the transport of goods. It is sent by an ocean carrier or consolidator to a shipper, freight forwarder, consignee, customs broker, or any other interested party.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
LOOP ID - V1					999
0200	V1	Vessel Identification	M	1	
0300	MBL	Bill of Lading	O	1	
0400	G1	Shipment Type Information	O	1	
0500	N9	Extended Reference Information	O	999	
0600	VC	Motor Vehicle Control	O	9999	
LOOP ID - N7					999
0700	N7	Equipment Details	O	1	
0800	VC	Motor Vehicle Control	O	9	
LOOP ID - R4					4
0900	R4	Port or Terminal	M	1	
1000	DTM	Date/Time Reference	O	1	
1100	SE	Transaction Set Trailer	M	1	

350 - Customs Status Information

FUNCTIONAL GROUP=**AU**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Customs Status Information Transaction Set (350) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by the Customs Service (CS) to supply carriers, terminal operators, port authorities and service providers with cargo release and cargo hold information for import shipments. It can also be used by the CS to provide exporters or their agents, carriers, and service providers with information pertaining to export shipments.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	M10	Manifest Identifying Information	O	1	
	LOOP ID - P4					20
N	0400	P4	Port Information	O	1	
	0450	V9	Event Detail	O	20	
	0460	VEH	Vehicle Information	O	10	
	0465	NM1	Individual or Organizational Name	O	9999	
	LOOP ID - VID					9999
	0470	VID	Conveyance Identification	O	1	
	0480	M7	Seal Numbers	O	5	
	0490	M7A	Seal Number Replacement	O	22	
	0500	K1	Remarks	O	4	
	LOOP ID - X4					9999
	0600	X4	Customs Release Information	O	1	
	0700	K1	Remarks	O	4	
	0710	N9	Extended Reference Information	O	999	
	0810	N7	Equipment Details	O	999	
	LOOP ID - BA1					999
N	0850	BA1	Export Shipment Identifying Information	O	1	
	LOOP ID - X4					9999
	0900	X4	Customs Release Information	O	1	
	0950	K1	Remarks	O	4	
	1000	SE	Transaction Set Trailer	M	1	

Notes

1/0200 The M10 must be present if the P4 loop is used.
1/0400 The P4 and BA1 loops are mutually exclusive.
1/0400 The P4 loop is used when supplying cargo releases and hold information for import shipments.
1/0850 The BA1 Loop is used when supplying status information to exporters or their agents for export shipments.

352 - Customs Carrier General Order Status

FUNCTIONAL GROUP=**AV**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Customs Carrier General Order Status Transaction Set (352) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by carriers, terminal operators, port authorities, or service centers to provide Customs or consignees with bill of lading status information for cargo in or about to go into "General Order" and entry and release information.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	M10	Manifest Identifying Information	M	1	
LOOP ID - P4					20
0400	P4	Port Information	M	1	
LOOP ID - M14					9999
0600	M14	General Order Status Information	M	1	
0700	K1	Remarks	O	4	
1000	SE	Transaction Set Trailer	M	1	

353 - Customs Events Advisory Details

FUNCTIONAL GROUP=**AX**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Customs Events Advisory Details Transaction Set (353) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by carriers to notify Customs of events concerning cargo moving in-bond, or of conveyance arrivals or departures. These events include the arrival of containers, or cargo covered by individual ocean bills of lading or in-bond numbers, which have moved in-bond to an inland destination or which have been exported. Carriers can also use this transaction set to notify Customs of the arrival or departure of a conveyance for which an electronic manifest has been filed and for the transfer of custodial liability when an in-bond movement involves multiple legs.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	M10	Manifest Identifying Information	O	1	
0300	P4	Port Information	O	1	
0350	CM	Cargo Manifest	O	1	
LOOP ID - M15					9999
0400	M15	Customs Events Advisory Details	M	1	
0410	M7A	Seal Number Replacement	O	22	
0420	V1	Vessel Identification	O	1	
0440	V2	Vessel Information	O	1	
0445	MEA	Measurements	O	1	
0450	K1	Remarks	O	4	
0500	SE	Transaction Set Trailer	M	1	

354 - Customs Automated Manifest Archive Status

FUNCTIONAL GROUP=**AY**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Customs Automated Manifest Archive Status Transaction Set (354) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by Customs to inform carriers, terminal operators, port authorities, and service centers that the manifest for a specific vessel or voyage is going to be removed from the system. This means that either all bills of lading on a manifest have been reconciled (or closed) or that a number of them are still open and will be reconciled manually.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	M10	Manifest Identifying Information	M	1	
LOOP ID - P4					20
0300	P4	Port Information	M	1	
0400	X01	Automated Manifest Archive Status Details	M	1	
0500	X02	Automated Manifest Bills Eligible/Overdue Archive Details	O	9999	
0600	SE	Transaction Set Trailer	M	1	

355 - Customs Acceptance/Rejection

FUNCTIONAL GROUP=**AZ**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Customs Acceptance/Rejection Transaction Set (355) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by Customs to report errors and discrepancies discovered in the Customs transaction sets to ocean carriers, terminal operators, port authorities and service centers.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	M10	Manifest Identifying Information	M	1	
0300	K1	Remarks	O	10	
LOOP ID - VEH					1
0310	VEH	Vehicle Information	O	1	
0311	K1	Remarks	O	10	
LOOP ID - M7					1
0320	M7	Seal Numbers	O	1	
0321	K1	Remarks	O	10	
LOOP ID - CII					1
0330	CII	Conveyance Insurance Information	O	1	
0331	K1	Remarks	O	10	
LOOP ID - NM1					999
0340	NM1	Individual or Organizational Name	O	1	
0341	K1	Remarks	O	10	
LOOP ID - DMG					1
0350	DMG	Demographic Information	O	1	
0351	K1	Remarks	O	10	
LOOP ID - REF					1
0360	REF	Reference Information	O	1	
0361	K1	Remarks	O	10	
LOOP ID - N3					1
0370	N3	Party Location	O	1	
0371	K1	Remarks	O	10	
LOOP ID - N4					1
0380	N4	Geographic Location	O	1	
0381	K1	Remarks	O	10	
LOOP ID - P4					20
0400	P4	Port Information	M	1	
0500	K1	Remarks	O	10	
LOOP ID - LX					9999

0600	LX	Transaction Set Line Number	O	1	
LOOP ID - M13					1
0700	M13	Manifest Amendment Details	O	1	
0800	K1	Remarks	O	10	
LOOP ID - M11					1
0900	M11	Manifest Bill of Lading Details	O	1	
1000	K1	Remarks	O	10	
LOOP ID - N9					999
1050	N9	Extended Reference Information	O	1	
1070	K1	Remarks	O	10	
LOOP ID - N1					25
1100	N1	Party Identification	O	1	
1200	K1	Remarks	O	10	
LOOP ID - N3					2
1300	N3	Party Location	O	1	
1400	K1	Remarks	O	10	
LOOP ID - N4					1
1410	N4	Geographic Location	O	1	
1420	K1	Remarks	O	10	
LOOP ID - PER					1
1440	PER	Administrative Communications Contact	O	1	
1450	K1	Remarks	O	10	
LOOP ID - X1					1
1470	X1	Export License	O	1	
1480	K1	Remarks	O	10	
LOOP ID - DMG					1
1485	DMG	Demographic Information	O	1	
1488	K1	Remarks	O	10	
LOOP ID - M12					9999
1500	M12	In-bond Identifying Information	O	1	
1510	K1	Remarks	O	10	
LOOP ID - R4					10
1550	R4	Port or Terminal	O	1	
1560	K1	Remarks	O	10	
LOOP ID - M21					1
1570	M21	Supplementary In-Bond Information	O	1	
1580	K1	Remarks	O	10	
LOOP ID - M14					9999
1610	M14	General Order Status Information	O	1	
1620	K1	Remarks	O	10	
LOOP ID - M15					9999

1630	M15	Customs Events Advisory Details	O	1	
1640	K1	Remarks	O	10	
LOOP ID - M20					9999
1650	M20	Permit to Transfer Request Details	O	1	
1680	K1	Remarks	O	10	
LOOP ID - VID					999
1700	VID	Conveyance Identification	O	1	
1701	K1	Remarks	O	10	
LOOP ID - M7					1
1720	M7	Seal Numbers	O	1	
1721	K1	Remarks	O	10	
LOOP ID - MBL					9999
1760	MBL	Bill of Lading	O	1	
1780	K1	Remarks	O	10	
LOOP ID - M13					999
1800	M13	Manifest Amendment Details	O	1	
1850	K1	Remarks	O	10	
LOOP ID - X1					1
1870	X1	Export License	O	1	
1880	K1	Remarks	O	10	
LOOP ID - VC					36
2000	VC	Motor Vehicle Control	O	1	
2050	K1	Remarks	O	10	
LOOP ID - N10					999
2100	N10	Quantity and Description	O	1	
2150	K1	Remarks	O	10	
LOOP ID - H1					99
2200	H1	Hazardous Material	O	1	
2300	K1	Remarks	O	10	
LOOP ID - H2					99
2400	H2	Additional Hazardous Material Description	O	1	
2500	K1	Remarks	O	10	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
0100	K3	File Information	M	1	
0200	SE	Transaction Set Trailer	M	1	

356 - Customs Permit to Transfer Request

FUNCTIONAL GROUP=**BA**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Customs Permit to Transfer Request Transaction Set (356) for use within the context of an Electronic Data Interchange (EDI) environment. It is sent by requesting trade entities to Customs to request a Permit To Transfer (PTT).

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	M10	Manifest Identifying Information	M	1	
LOOP ID - P4					20
0300	P4	Port Information	M	1	
0400	M20	Permit to Transfer Request Details	M	9999	
0500	SE	Transaction Set Trailer	M	1	

357 - Customs In-Bond Information

FUNCTIONAL GROUP=**BB**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Customs In-Bond Information Transaction Set (357) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by transportation carriers, terminal operators, port authorities, and service centers to request authorization for in-bond movements and to add additional legs on to pre-existing in-bond movements.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	M10	Manifest Identifying Information	M	1	
LOOP ID - P4					1
0300	P4	Port Information	M	1	
LOOP ID - LX					999
0350	LX	Transaction Set Line Number	M	1	
0360	M13	Manifest Amendment Details	O	1	
0400	M21	Supplementary In-Bond Information	O	1	
0500	M12	In-bond Identifying Information	O	1	
0510	N9	Extended Reference Information	O	1	
0520	N1	Party Identification	O	1	
0600	SE	Transaction Set Trailer	M	1	

358 - Customs Consist Information

FUNCTIONAL GROUP=**BD**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Customs Consist Information Transaction Set (358) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by transportation carriers, terminal operators, port authorities and service centers to provide a list of bills of lading to be carried on a specific conveyance and trip number for which an electronic manifest has been previously filed.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	M10	Manifest Identifying Information	M	1	
0203	N9	Extended Reference Information	O	5	
0205	VEH	Vehicle Information	O	10	
0206	M7	Seal Numbers	O	1	
0210	CII	Conveyance Insurance Information	O	3	
LOOP ID - NM1					999
0215	NM1	Individual or Organizational Name	O	1	
0225	DMG	Demographic Information	O	1	
0230	DMA	Additional Demographic Information	O	1	
0235	REF	Reference Information	O	10	
0240	N3	Party Location	O	2	
0245	N4	Geographic Location	O	1	
LOOP ID - P4					20
0300	P4	Port Information	M	1	
LOOP ID - VID					9999
0370	VID	Conveyance Identification	O	1	
0375	M7	Seal Numbers	O	5	
0380	N9	Extended Reference Information	O	999	
LOOP ID - MBL					9999
0400	MBL	Bill of Lading	O	1	
0430	M13	Manifest Amendment Details	O	1	
0440	X1	Export License	O	1	
0500	SE	Transaction Set Trailer	M	1	

359 - Customs Customer Profile Management

FUNCTIONAL GROUP=**BG**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data content of the Customs Profile Management Transaction Set (359) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set may be used between US Customs and Border Protection and their Automated Commercial Environment (ACE) account holders to add, change, delete or respond to individual items registered in their ACE account.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	CPM	Customs Profile Management Information	M	1	
0800	PER	Administrative Communications Contact	O	1	
LOOP ID - NM1					999
0900	NM1	Individual or Organizational Name	O	1	
1000	DMG	Demographic Information	O	1	
1100	DMA	Additional Demographic Information	O	1	
1200	REF	Reference Information	O	2	
1300	N3	Party Location	O	2	
1400	N4	Geographic Location	O	1	
1450	AAA	Request Validation	O	1	
LOOP ID - VEH					999
1500	VEH	Vehicle Information	O	1	
1600	CII	Conveyance Insurance Information	O	1	
1650	AAA	Request Validation	O	1	
LOOP ID - VID					999
1700	VID	Conveyance Identification	O	1	
1800	CII	Conveyance Insurance Information	O	1	
1850	AAA	Request Validation	O	1	
2100	SE	Transaction Set Trailer	M	1	

361 - Carrier Interchange Agreement (Ocean)

FUNCTIONAL GROUP=**SO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Carrier Interchange Agreement (Ocean) Transaction Set (361) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary for an ocean carrier to tell a terminal operator if motor carriers are authorized to carry its cargo.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	N1	Party Identification	M	1	
LOOP ID - CI					9999
0300	CI	Carrier Interchange Agreement	M	1	
0400	K1	Remarks	O	1	
0500	SE	Transaction Set Trailer	M	1	

362 - Cargo Insurance Advice of Shipment

FUNCTIONAL GROUP=**OC**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Cargo Insurance Advice of Shipment Transaction Set (362) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by shippers to notify their cargo insurance company of a shipment(s) of merchandise insured under their cargo policy.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	CUR	Currency	M	1	
	0400	REF	Reference Information	M	9	
N	0500	N1	Party Identification	M	1	
	0600	N2	Additional Name Information	O	1	
	0700	DTP	Date or Time or Period	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - L5					>1
	0100	L5	Description, Marks and Numbers	M	1	
	0200	REF	Reference Information	M	20	
	0300	DTP	Date or Time or Period	M	9	
	0400	V1	Vessel Identification	M	1	
N	0500	N1	Party Identification	O	9	
	0600	R1	Route Information (Air)	O	1	
	0700	QTY	Quantity Information	O	1	
	0800	PCT	Percent Amounts	O	1	
	LOOP ID - R4					5
	0900	R4	Port or Terminal	M	1	
	1000	NX2	Location ID Component	O	20	
	LOOP ID - AMT					9
	1100	AMT	Monetary Amount Information	M	1	
	1200	CUR	Currency	O	1	
	LOOP ID - LQ					>1
	1300	LQ	Industry Code Identification	O	1	
	1400	PCT	Percent Amounts	O	1	
	1500	DTP	Date or Time or Period	O	1	
	1600	SE	Transaction Set Trailer	M	1	

Notes

1/0500 The N1 segment is used to identify the named insured.

2/0500 The N1 segment is used to identify a subsidiary or division of the named insured; and/or a freight forwarder.

404 - Rail Carrier Shipment Information

FUNCTIONAL GROUP=**SR**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Carrier Shipment Information Transaction Set (404) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit rail-carrier-specific bill of lading information to a railroad. It is the initial tender of a shipment between a consignor and a rail carrier and can be used as notification of equipment release and/or a legal bill of lading.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	ZC1	Beginning Segment for Data Correction or Change	O	1	
N	0300	BX	General Shipment Information	O	1	
	0400	BNX	Rail Shipment Information	O	1	
	0500	M3	Release	M	1	
	0600	N9	Extended Reference Information	M	50	
	0700	CM	Cargo Manifest	O	2	
	0800	M1	Insurance	O	1	
	0900	DTM	Date/Time Reference	O	5	
	LOOP ID - N7					500
	1000	N7	Equipment Details	M	1	
	1010	EM	Equipment Characteristics	O	1	
	LOOP ID - VC					36
	1100	VC	Motor Vehicle Control	O	1	
	LOOP ID - N1					2
	1120	N1	Party Identification	O	1	
	1140	N3	Party Location	O	2	
	1160	N4	Geographic Location	O	1	
	1180	H3	Special Handling Instructions	O	1	
	1300	M7	Seal Numbers	O	5	
	1400	N5	Equipment Ordered	O	1	
	1500	IC	Intermodal Chassis Equipment	O	1	
	1600	IM	Intermodal Movement Information	O	1	
	1700	M12	In-bond Identifying Information	O	2	
	LOOP ID - E1					2
	1710	E1	Empty Car Disposition - Pended Destination Consignee	O	1	
	1720	E4	Empty Car Disposition - Pended Destination City	O	1	
	1730	E5	Empty Car Disposition - Pended Destination Route	O	13	
	1740	PI	Price Authority Identification	O	1	
	1750	GA	Canadian Grain Information	O	15	
	LOOP ID - REF					99
	1770	REF	Reference Information	O	1	
	1775	N9	Extended Reference Information	O	10	

1780	N10	Quantity and Description	O	15	
1781	SMD	Consolidated Shipment Manifest Data	O	1	
1782	VC	Motor Vehicle Control	O	36	
LOOP ID - L0					25
1783	L0	Line Item - Quantity and Weight	O	1	
1784	MEA	Measurements	O	3	
1786	L1	Rate and Charges	O	10	
LOOP ID - PI					30
1788	PI	Price Authority Identification	O	1	
1789	CD	Shipment Conditions	O	10	
LOOP ID - N1					15
1790	N1	Party Identification	O	1	
1800	N3	Party Location	O	1	
1820	N4	Geographic Location	O	1	
1825	PER	Administrative Communications Contact	O	2	
1830	BL	Billing Information	O	12	
1850	NA	Cross-Reference Equipment	O	10	
1900	F9	Origin Station	M	1	
2000	D9	Destination Station	M	1	
LOOP ID - N1					15
2100	N1	Party Identification	M	1	
2150	N2	Additional Name Information	O	2	
2200	N3	Party Location	O	2	
2300	N4	Geographic Location	O	1	
2350	REF	Reference Information	O	2	
2400	PER	Administrative Communications Contact	O	2	
2520	BL	Billing Information	O	12	
LOOP ID - S1					12
4300	S1	Stop-off Name	O	1	
4400	S2	Stop-off Address	O	2	
4480	S9	Stop-off Station	O	1	
4490	N1	Party Identification	O	1	
4500	N2	Additional Name Information	O	1	
4510	N3	Party Location	O	1	
4520	N4	Geographic Location	O	1	
4530	PER	Administrative Communications Contact	O	1	
4600	R2	Route Information	M	13	
4800	R9	Route Code Identification	O	1	
LOOP ID - E1					2
4900	E1	Empty Car Disposition - Pended Destination Consignee	O	1	
5000	E4	Empty Car Disposition - Pended Destination City	O	1	
5100	E5	Empty Car Disposition - Pended Destination Route	O	13	
5110	PI	Price Authority Identification	O	1	
5200	H3	Special Handling Instructions	O	20	
5300	PS	Protective Service Instructions	O	5	

LOOP ID - LX					25
	5400	LX	Transaction Set Line Number	M	1
	5500	L5	Description, Marks and Numbers	M	15
LOOP ID - L0					25
	5700	L0	Line Item - Quantity and Weight	O	1
	5750	MEA	Measurements	O	3
	5800	L1	Rate and Charges	O	10
LOOP ID - PI					30
	5900	PI	Price Authority Identification	O	1
	5920	CD	Shipment Conditions	O	10
	6000	X1	Export License	O	6
LOOP ID - T1					64
	6100	T1	Transit Inbound Origin	O	1
	6200	T2	Transit Inbound Lading	O	30
	6300	T3	Transit Inbound Route	O	12
	6400	T6	Transit Inbound Rates	O	1
	6500	T8	Free-form Transit Data	O	99
	6600	L3	Total Weight and Charges	O	1
	6700	LS	Loop Header	O	1
LOOP ID - LH1					1000
	6800	LH1	Hazardous Identification Information	O	1
N	6900	LH2	Hazardous Classification Information	O	4
	7000	LH3	Hazardous Material Shipping Name Information	O	10
	7100	LFH	Free-form Hazardous Material Information	O	30
	7200	LEP	EPA Required Data	O	3
	7300	LH4	Canadian Dangerous Requirements	O	4
	7400	LHT	Transborder Hazardous Requirements	O	3
	7500	LHR	Hazardous Material Identifying Reference Numbers	O	10
	7550	PER	Administrative Communications Contact	O	5
LOOP ID - N1					10
	7560	N1	Party Identification	O	1
	7570	N3	Party Location	O	2
	7580	N4	Geographic Location	O	1
	7590	PER	Administrative Communications Contact	O	2
	7600	LE	Loop Trailer	O	1
	7700	PER	Administrative Communications Contact	O	5
N	7800	LH2	Hazardous Classification Information	O	6
	7900	LHR	Hazardous Material Identifying Reference Numbers	O	1
	8000	LH6	Hazardous Certification	O	5
	8100	XH	Pro Forma - B13 Information	O	1
	8200	X7	Customs Information	O	10
	8400	SE	Transaction Set Trailer	M	1

Notes

1/0300 BX05 contains the Standard Carrier Alpha Code (SCAC) of the original roadhaul carrier receiving the shipment.

1/6900 If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.

1/7800 If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.

Segment modifications since the previous version

	008060	008070
1/0600		
Max	30	50

410 - Rail Carrier Freight Details and Invoice

FUNCTIONAL GROUP=**IR**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Carrier Freight Details and Invoice Transaction Set (410) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide detailed information of charges associated with a rail movement. The information is provided by a rail carrier and is sent to the freight payer.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B3B	Beginning Segment for Rail Carrier's Invoice	M	1	
0300	C4	Alternate Amount Due	O	1	
0400	N9	Extended Reference Information	O	50	
0450	CM	Cargo Manifest	O	2	
0470	NTE	Note/Special Instruction	O	2	
LOOP ID - N7					>1
0500	N7	Equipment Details	M	1	
0600	VC	Motor Vehicle Control	O	36	
0700	G4	Scale Identification	O	1	
0800	M7	Seal Numbers	O	5	
0900	N5	Equipment Ordered	O	1	
1000	IC	Intermodal Chassis Equipment	O	1	
1100	IM	Intermodal Movement Information	O	1	
1200	M12	In-bond Identifying Information	O	1	
1250	GA	Canadian Grain Information	O	15	
1300	N8	Waybill Reference	M	499	
1400	F9	Origin Station	M	1	
1500	D9	Destination Station	M	1	
LOOP ID - N1					15
1600	N1	Party Identification	O	1	
1650	N2	Additional Name Information	O	2	
1700	N3	Party Location	O	2	
1800	N4	Geographic Location	O	1	
1850	PER	Administrative Communications Contact	O	2	
1920	BL	Billing Information	O	12	
LOOP ID - S1					12
3700	S1	Stop-off Name	O	1	
3800	S2	Stop-off Address	O	1	
3900	S9	Stop-off Station	O	1	
4000	R2	Route Information	O	13	
4050	R9	Route Code Identification	O	1	
4200	PS	Protective Service Instructions	O	5	

LOOP ID - LX					25
4300	LX	Transaction Set Line Number	M	1	
4400	L5	Description, Marks and Numbers	M	15	
LOOP ID - L0					50
4600	L0	Line Item - Quantity and Weight	M	1	
4650	MEA	Measurements	O	3	
LOOP ID - L1					10
4700	L1	Rate and Charges	M	1	
4750	DTM	Date/Time Reference	O	4	
LOOP ID - PI					30
4800	PI	Price Authority Identification	O	1	
4850	CD	Shipment Conditions	O	10	
LOOP ID - T1					64
4900	T1	Transit Inbound Origin	O	1	
5000	T2	Transit Inbound Lading	O	30	
5100	T3	Transit Inbound Route	O	12	
5200	T6	Transit Inbound Rates	O	1	
5300	T8	Free-form Transit Data	O	99	
5400	L3	Total Weight and Charges	M	1	
5500	X7	Customs Information	O	2	
5700	SE	Transaction Set Trailer	M	1	

Segment modifications since the previous version

	008060	008070
1/0400		
Max	30	50

412 - Trailer or Container Repair Billing

FUNCTIONAL GROUP=**TB**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Trailer or Container Repair Billing Transaction Set (412) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set will provide the ability to electronically Invoice the responsible party for repairs to trailers and containers being transported by railroads.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	R11	Beginning Segment for Trailer or Container Repair Billing	M	1	
	0300	DTP	Date or Time or Period	O	5	
	0400	CUR	Currency	M	1	
	LOOP ID - N1					10
	0500	N1	Party Identification	O	1	
	0600	N2	Additional Name Information	O	1	
	0700	N3	Party Location	O	1	
	0800	N4	Geographic Location	O	1	
	0900	PER	Administrative Communications Contact	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - R12					9999
	0100	R12	Work Order Information	M	1	
	0200	DTM	Date/Time Reference	O	5	
N	0300	AMT	Monetary Amount Information	M	6	
N	0400	REF	Reference Information	O	15	
	LOOP ID - N1					4
	0500	N1	Party Identification	M	1	
	0600	N3	Party Location	O	1	
	0700	N4	Geographic Location	O	1	
	LOOP ID - R13					50
	0800	R13	Line Item Repair	M	1	
	0900	IT1	Baseline Item Data (Invoice)	O	10	
	0920	III	Information	O	10	
	0940	MEA	Measurements	O	10	
N	1000	REF	Reference Information	O	10	
N	1100	AMT	Monetary Amount Information	M	10	
	1200	SE	Transaction Set Trailer	M	1	

Notes

2/0300 The AMT segment is used to provide total amounts for the work order.
2/0400 The REF segment is used to provide associated reference numbers for the work order.
2/1000 The REF segment is used to provide associated reference numbers for the line item repair.

2/1100 The AMT segment is used to provide total amounts for the line item repair.

414 - Rail Carhire Settlements

FUNCTIONAL GROUP=**CR**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Carhire Settlements Transaction Set (414) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for the exchange of Carhire Settlement data including, but not limited to, the following: Current Settlements, First Adjustment Settlements (no penalty), Prior Settlements (penalty on foreign equipment), Summary Transactions and Reclaim Transactions.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	LEQ	Leased Equipment Information	O	1	
LOOP ID - CTC					99
0300	CTC	Car Hire Transaction Control	M	1	
LOOP ID - CIC					1000
0400	CIC	Car Information Control	M	1	
0500	REF	Reference Information	O	2	
LOOP ID - LX					99
0600	LX	Transaction Set Line Number	O	1	
0700	CHR	Car Hire Rates	O	3	
0800	CYC	Car Hire Cycle	O	2	
0900	PRI	External Reference Identifier	O	1	
1000	PI	Price Authority Identification	O	1	
1100	REF	Reference Information	O	2	
1200	CUR	Currency	O	1	
1300	CV	Cycle/Summary Value	M	1	
1400	SE	Transaction Set Trailer	M	1	

417 - Rail Carrier Waybill Interchange

FUNCTIONAL GROUP=**WB**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Carrier Waybill Interchange Transaction Set (417) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the rail carrier with detailed movement instructions pertinent to a rail carrier shipment and is used by all Class I rail carriers in the United States and Canada.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	ZC1	Beginning Segment for Data Correction or Change	O	1	
N	0300	BX	General Shipment Information	O	1	
	0400	BNX	Rail Shipment Information	O	1	
	0500	N9	Extended Reference Information	O	50	
	0600	CM	Cargo Manifest	O	2	
	0700	DTM	Date/Time Reference	O	5	
	LOOP ID - N7					500
	0800	N7	Equipment Details	M	1	
	0810	EM	Equipment Characteristics	O	1	
	LOOP ID - VC					36
	0900	VC	Motor Vehicle Control	O	1	
	LOOP ID - N1					2
	0920	N1	Party Identification	O	1	
	0940	N3	Party Location	O	2	
	0960	N4	Geographic Location	O	1	
	0980	H3	Special Handling Instructions	O	1	
	1000	IC	Intermodal Chassis Equipment	O	1	
	1100	IM	Intermodal Movement Information	O	1	
	1200	M12	In-bond Identifying Information	O	2	
	1300	G4	Scale Identification	O	1	
	1400	M7	Seal Numbers	O	5	
	1500	N5	Equipment Ordered	O	1	
	1600	H5	Car Service Order	O	1	
	LOOP ID - E1					2
	1610	E1	Empty Car Disposition - Pended Destination Consignee	O	1	
	1620	E4	Empty Car Disposition - Pended Destination City	O	1	
	1630	E5	Empty Car Disposition - Pended Destination Route	O	13	
	1640	PI	Price Authority Identification	O	1	
	1650	GA	Canadian Grain Information	O	15	
	LOOP ID - REF					99
	1670	REF	Reference Information	O	1	
	1675	N9	Extended Reference Information	O	10	
	1680	N10	Quantity and Description	O	15	

1681	SMD	Consolidated Shipment Manifest Data	O	1	
1682	VC	Motor Vehicle Control	O	36	
LOOP ID - L0					25
1683	L0	Line Item - Quantity and Weight	O	1	
1684	MEA	Measurements	O	3	
1686	L1	Rate and Charges	O	10	
LOOP ID - PI					30
1688	PI	Price Authority Identification	O	1	
1689	CD	Shipment Conditions	O	10	
LOOP ID - N1					15
1690	N1	Party Identification	O	1	
1700	N3	Party Location	O	1	
1720	N4	Geographic Location	O	1	
1725	PER	Administrative Communications Contact	O	2	
1730	BL	Billing Information	O	12	
1750	IMA	Interchange Move Authority	O	3	
1800	N8	Waybill Reference	M	499	
1810	N8A	Additional Reference Information	O	499	
1900	V9	Event Detail	O	1	
2000	F9	Origin Station	M	1	
2100	D9	Destination Station	M	1	
LOOP ID - N1					15
2200	N1	Party Identification	M	1	
2250	N2	Additional Name Information	O	2	
2300	N3	Party Location	O	2	
2400	N4	Geographic Location	O	1	
2450	REF	Reference Information	O	2	
2500	PER	Administrative Communications Contact	O	2	
2620	BL	Billing Information	O	12	
LOOP ID - S1					12
4400	S1	Stop-off Name	O	1	
4500	S2	Stop-off Address	O	2	
4580	S9	Stop-off Station	O	1	
4590	N1	Party Identification	O	1	
4600	N2	Additional Name Information	O	1	
4610	N3	Party Location	O	1	
4620	N4	Geographic Location	O	1	
4630	PER	Administrative Communications Contact	O	1	
4700	R2	Route Information	M	13	
4850	R9	Route Code Identification	O	1	
LOOP ID - E1					2
4900	E1	Empty Car Disposition - Pended Destination Consignee	O	1	
5000	E4	Empty Car Disposition - Pended Destination City	O	1	
5100	E5	Empty Car Disposition - Pended Destination Route	O	13	
5110	PI	Price Authority Identification	O	1	

	5200	H3	Special Handling Instructions	O	20
	5300	PS	Protective Service Instructions	O	5
LOOP ID - LX					25
	5400	LX	Transaction Set Line Number	M	1
	5500	L5	Description, Marks and Numbers	M	15
LOOP ID - L0					25
	5700	L0	Line Item - Quantity and Weight	O	1
	5750	MEA	Measurements	O	3
LOOP ID - PI					30
	5900	PI	Price Authority Identification	O	1
	5920	CD	Shipment Conditions	O	10
	5950	X1	Export License	O	6
LOOP ID - T1					64
	6000	T1	Transit Inbound Origin	O	1
	6100	T2	Transit Inbound Lading	O	30
	6200	T3	Transit Inbound Route	O	12
	6300	T6	Transit Inbound Rates	O	1
	6400	T8	Free-form Transit Data	O	99
	6600	LS	Loop Header	O	1
LOOP ID - LH1					1000
	6700	LH1	Hazardous Identification Information	O	1
N	6800	LH2	Hazardous Classification Information	O	4
	6900	LH3	Hazardous Material Shipping Name Information	O	10
	7000	LFH	Free-form Hazardous Material Information	O	30
	7100	LEP	EPA Required Data	O	3
	7200	LH4	Canadian Dangerous Requirements	O	4
	7300	LHT	Transborder Hazardous Requirements	O	3
	7400	LHR	Hazardous Material Identifying Reference Numbers	O	10
	7450	PER	Administrative Communications Contact	O	5
LOOP ID - N1					10
	7460	N1	Party Identification	O	1
	7470	N3	Party Location	O	2
	7480	N4	Geographic Location	O	1
	7490	PER	Administrative Communications Contact	O	2
	7500	LE	Loop Trailer	O	1
	7600	PER	Administrative Communications Contact	O	5
N	7700	LH2	Hazardous Classification Information	O	6
	7800	LHR	Hazardous Material Identifying Reference Numbers	O	1
	7850	XH	Pro Forma - B13 Information	O	1
	7900	X7	Customs Information	O	10
	8100	SE	Transaction Set Trailer	M	1

Notes

1/0300 BX05 contains the Standard Carrier Alpha Code (SCAC) of the original roadhaul carrier receiving the shipment.

1/6800 If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.

1/7700 If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.

Segment modifications since the previous version

	008060	008070
1/0500		
Max	30	50

418 - Rail Advance Interchange Consist

FUNCTIONAL GROUP=**IC**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Advance Interchange Consist Transaction Set (418) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit advance information on equipment being interchanged to a connection rail carrier, from a consignor or to a consignee.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
NN	0200	BAX	Beginning Segment for Advance Consist and Transportation Automatic Equipment ID	M	1	
	LOOP ID - NM1					999
	0210	NM1	Individual or Organizational Name	O	1	
	0220	DMG	Demographic Information	O	1	
	0230	DMA	Additional Demographic Information	O	1	
	0240	REF	Reference Information	O	2	
	0250	N3	Party Location	O	2	
	0260	N4	Geographic Location	O	1	
	LOOP ID - W1					30
	0300	W1	Block Identification	O	1	
	LOOP ID - W2					800
	0400	W2	Equipment Identification	M	1	
	0500	W3	Consignee Information	O	7	
	0600	IMA	Interchange Move Authority	O	3	
	0700	W4	Consignor Information	O	1	
	0800	W5	Carrier and Route Information	O	4	
	0900	W6	Special Handling Information	O	6	
	1000	PS	Protective Service Instructions	O	5	
	1100	REF	Reference Information	O	10	
	1200	LS	Loop Header	O	1	
	LOOP ID - LH1					1000
	1300	LH1	Hazardous Identification Information	O	1	
N	1400	LH2	Hazardous Classification Information	O	4	
	1500	LH3	Hazardous Material Shipping Name Information	O	10	
	1600	LFH	Free-form Hazardous Material Information	O	30	
	1700	LEP	EPA Required Data	O	3	
	1800	LH4	Canadian Dangerous Requirements	O	4	
	1900	LHT	Transborder Hazardous Requirements	O	3	
	2000	LHR	Hazardous Material Identifying Reference Numbers	O	10	
	2050	PER	Administrative Communications Contact	O	5	
	LOOP ID - N1					10
	2060	N1	Party Identification	O	1	

	2070	N3	Party Location	O	2		
	2080	N4	Geographic Location	O	1		
	2090	PER	Administrative Communications Contact	O	2		
	2100	LE	Loop Trailer	O	1		
	2200	PER	Administrative Communications Contact	O	5		
N	2300	LH2	Hazardous Classification Information	O	1		
	2400	LHR	Hazardous Material Identifying Reference Numbers	O	1		
	2500	SE	Transaction Set Trailer	M	1		

Notes

1/0200 BAX01 is the to location Standard Point Location Code (SPLC).

1/0200 If BAX02 = "T" (Train Consist), then BAX06 must not be blank

1/1400 If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.

1/2300 If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.

419 - Advance Car Disposition

FUNCTIONAL GROUP=**SR**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Advance Car Disposition Transaction Set (419) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the receiving rail carrier with advance notification of cars being offered for interchange directly or via a switching carrier, to allow for disposition prior to the actual interchange.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
LOOP ID - E6					150
0200	E6	Advance Car Disposition	M	1	
0400	W3	Consignee Information	O	1	
0500	W5	Carrier and Route Information	O	4	
0600	SE	Transaction Set Trailer	M	1	

420 - Car Handling Information

FUNCTIONAL GROUP=**CH**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Car Handling Information Transaction Set (420) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide a carrier which is going to receive a rail car from another rail carrier the means to redirect a home route or pre-block a rail car prior to actual interchange.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
LOOP ID - E6					150
0200	E6	Advance Car Disposition	M	1	
0300	E8	Blocking and Response Information	M	1	
0400	SE	Transaction Set Trailer	M	1	

421 - Estimated Time of Arrival and Car Scheduling

FUNCTIONAL GROUP=**IS**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Estimated Time of Arrival and Car Scheduling Transaction Set (421) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow railroads to exchange car scheduling and estimated time of arrival data between carriers.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	IS1	Estimated Time of Arrival and Car Scheduling	M	1	
0300	N9	Extended Reference Information	M	5	
0350	ISC	Interline Service Commitment Detail	O	>1	
0400	N8	Waybill Reference	O	1	
0500	IS2	Scheduled Events	M	>1	
0700	F9	Origin Station	O	1	
0800	D9	Destination Station	O	1	
0900	N1	Party Identification	O	10	
1100	R2	Route Information	O	13	
1200	L5	Description, Marks and Numbers	O	5	
1300	H3	Special Handling Instructions	O	6	
1400	H5	Car Service Order	O	1	
1500	IC	Intermodal Chassis Equipment	O	1	
1600	IMA	Interchange Move Authority	O	1	
1700	PS	Protective Service Instructions	O	1	
1800	REF	Reference Information	O	10	
1900	N8A	Additional Reference Information	O	25	
LOOP ID - S1					12
2000	S1	Stop-off Name	O	1	
2100	S9	Stop-off Station	O	1	
2200	LS	Loop Header	O	1	
LOOP ID - LH1					1000
2300	LH1	Hazardous Identification Information	O	1	
2400	LH2	Hazardous Classification Information	O	4	
2500	LH3	Hazardous Material Shipping Name Information	O	10	
2600	LFH	Free-form Hazardous Material Information	O	30	
2700	LEP	EPA Required Data	O	3	
2800	LH4	Canadian Dangerous Requirements	O	4	
2900	LHT	Transborder Hazardous Requirements	O	3	
3000	LHR	Hazardous Material Identifying Reference Numbers	O	10	
3100	PER	Administrative Communications Contact	O	5	
LOOP ID - N1					10
3120	N1	Party Identification	O	1	

3140	N3	Party Location	O	2
3160	N4	Geographic Location	O	1
3180	PER	Administrative Communications Contact	O	2
3200	LE	Loop Trailer	O	1
3300	PER	Administrative Communications Contact	O	5
3400	SE	Transaction Set Trailer	M	1

422 - Equipment Order

FUNCTIONAL GROUP=**DM**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Equipment Order Transaction Set (422) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow a rail carrier or shipper to order required equipment relative to transportation needs.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BCQ	Beginning Segment for Shipper's Car Order	M	1	
0300	DTM	Date/Time Reference	O	10	
0350	PI	Price Authority Identification	O	3	
0370	LQ	Industry Code Identification	O	3	
0400	QTY	Quantity Information	O	3	
0500	NTE	Note/Special Instruction	O	3	
LOOP ID - N1					5
0600	N1	Party Identification	M	1	
0700	N3	Party Location	O	1	
0800	N4	Geographic Location	O	1	
0900	PER	Administrative Communications Contact	O	2	
0950	N9	Extended Reference Information	O	20	
LOOP ID - LX					31
1000	LX	Transaction Set Line Number	M	1	
1200	D9	Destination Station	O	1	
LOOP ID - F9					31
1300	F9	Origin Station	M	1	
1400	PER	Administrative Communications Contact	O	5	
1500	R2	Route Information	O	13	
LOOP ID - SCR					9999
1600	SCR	Shipper's Car Ordered Rail	M	1	
1650	GA	Canadian Grain Information	O	15	
1700	DTM	Date/Time Reference	M	10	
1720	QTY	Quantity Information	O	3	
1750	YNQ	Yes/No Question	O	20	
1800	N9	Extended Reference Information	O	20	
1850	PI	Price Authority Identification	O	3	
LOOP ID - LQ					99
1870	LQ	Industry Code Identification	O	1	
1880	N9	Extended Reference Information	O	20	
1890	LS	Loop Header	O	1	
LOOP ID - N7					9999
1900	N7	Equipment Details	O	1	

2000	SCR	Shipper's Car Ordered Rail	O	1		
2100	PI	Price Authority Identification	O	5		
2150	DTM	Date/Time Reference	O	1		
2175	LE	Loop Trailer	O	1		
2200	SE	Transaction Set Trailer	M	1		

423 - Rail Industrial Switch List

FUNCTIONAL GROUP=**RL**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Industrial Switch List Transaction Set (423) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set is intended solely for producing switch lists and equipment notifications. It is not for recording release times and the ordering of empty equipment. It is also to provide switching information agreed to between customer and carrier to show car identity, placement, pull and destination information.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0150	BGN	Beginning Segment	M	1	
0200	DTM	Date/Time Reference	O	3	
0230	LQ	Industry Code Identification	O	1	
0260	QTY	Quantity Information	O	3	
LOOP ID - N1					5
0300	N1	Party Identification	M	1	
0400	N2	Additional Name Information	O	1	
0500	N3	Party Location	O	1	
0600	N4	Geographic Location	O	1	
0700	PER	Administrative Communications Contact	O	1	
LOOP ID - LX					150
0800	LX	Transaction Set Line Number	O	1	
0900	XD	Placement/Pull Data	O	1	
LOOP ID - N7					500
1000	N7	Equipment Details	O	1	
1020	YNQ	Yes/No Question	O	10	
1030	DTM	Date/Time Reference	O	10	
1050	XD	Placement/Pull Data	O	5	
1060	R2	Route Information	O	1	
1080	N1	Party Identification	O	1	
1090	N4	Geographic Location	O	1	
1100	L5	Description, Marks and Numbers	O	5	
1200	D9	Destination Station	O	1	
1300	F9	Origin Station	O	1	
1310	PER	Administrative Communications Contact	O	2	
1320	LH2	Hazardous Classification Information	O	2	
1330	LH6	Hazardous Certification	O	6	
1350	QTY	Quantity Information	O	2	
1370	N9	Extended Reference Information	O	10	
LOOP ID - LH1					1000
1500	LH1	Hazardous Identification Information	O	1	

1600	LH2	Hazardous Classification Information	O	4			
1700	LH3	Hazardous Material Shipping Name Information	O	10			
1800	LFH	Free-form Hazardous Material Information	O	30			
1900	LEP	EPA Required Data	O	3			
2000	LH4	Canadian Dangerous Requirements	O	4			
2100	LHT	Transborder Hazardous Requirements	O	3			
2200	LHR	Hazardous Material Identifying Reference Numbers	O	10			
2300	PER	Administrative Communications Contact	O	5			
LOOP ID - N1					10		
2320	N1	Party Identification	O	1			
2340	N3	Party Location	O	2			
2360	N4	Geographic Location	O	1			
2380	PER	Administrative Communications Contact	O	2			
3000	SE	Transaction Set Trailer	M	1			

424 - Rail Carrier Services Settlement

FUNCTIONAL GROUP=**SB**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Carrier Services Settlement Transaction Set (424) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide detailed information of charges associated with rail services. The information is provided by a rail carrier and is sent to a rail carrier on whose behalf the services were performed.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BSW	Beginning Segment for Carrier's Services Settlement	M	1	
0300	CUR	Currency	M	1	
LOOP ID - N1					5
0400	N1	Party Identification	O	1	
0500	N2	Additional Name Information	O	1	
0600	N3	Party Location	O	1	
0700	N4	Geographic Location	O	1	
0800	PER	Administrative Communications Contact	O	2	
LOOP ID - C1					20
0900	CI	Carrier Interchange Agreement	O	1	
1000	DTM	Date/Time Reference	O	1	
1100	AMT	Monetary Amount Information	O	1	
1200	MEA	Measurements	O	2	
LOOP ID - SWC					999
1300	SWC	Switching Conditions	O	1	
LOOP ID - ED					9999
1400	ED	Equipment Description	O	1	
1500	DTM	Date/Time Reference	O	5	
1600	SWD	Switching Details	O	1	
1700	SWR	Switching Rates	O	2	
1800	NM1	Individual or Organizational Name	O	1	
1900	F9	Origin Station	O	1	
2000	D9	Destination Station	O	1	
2100	NTE	Note/Special Instruction	O	1	
2200	SE	Transaction Set Trailer	M	1	

425 - Rail Waybill Request

FUNCTIONAL GROUP=**WT**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Waybill Request Transaction Set (425) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to request a copy of a revenue or movement waybill from the origin or previous rail carrier. This will be used only when the requesting carrier is unable to locate the original transmission.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
LOOP ID - ZT					255
0200	ZT	Waybill Request Information	M	1	
0300	F9	Origin Station	O	1	
0400	D9	Destination Station	O	1	
0500	SE	Transaction Set Trailer	M	1	

426 - Rail Revenue Waybill

FUNCTIONAL GROUP=**RW**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Revenue Waybill Transaction Set (426) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to respond to a request for a rail revenue waybill. Revenue waybill information includes movement, rates, and charges information required to collect revenue from the paying party or parties.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	ZR	Waybill Reference Identification	M	1	
	0250	N9	Extended Reference Information	O	50	
	0260	DTM	Date/Time Reference	M	5	
	0270	CUR	Currency	O	1	
	0280	NTE	Note/Special Instruction	O	2	
	0290	PER	Administrative Communications Contact	O	20	
N	0400	BX	General Shipment Information	O	1	
	LOOP ID - 1000					1
	0500	BNX	Rail Shipment Information	O	1	
	0600	N9	Extended Reference Information	O	50	
	0700	DTM	Date/Time Reference	O	5	
	LOOP ID - 1100					500
	0800	N7	Equipment Details	M	1	
	0900	VC	Motor Vehicle Control	O	36	
	1000	IC	Intermodal Chassis Equipment	O	1	
	1120	G4	Scale Identification	O	1	
	1200	M7	Seal Numbers	O	5	
	1300	N5	Equipment Ordered	O	1	
	1350	GA	Canadian Grain Information	O	15	
	1400	N8	Waybill Reference	M	499	
	1450	N8A	Additional Reference Information	O	499	
	1500	V9	Event Detail	O	1	
	1600	F9	Origin Station	M	1	
	1700	D9	Destination Station	M	1	
	LOOP ID - 1200					15
	1800	N1	Party Identification	M	1	
	1850	N2	Additional Name Information	O	2	
	1900	N3	Party Location	O	2	
	2000	N4	Geographic Location	O	1	
	2100	PER	Administrative Communications Contact	O	3	
	2160	BL	Billing Information	O	12	
	LOOP ID - 1300					12

	2200	S1	Stop-off Name	O	1	
	2300	S9	Stop-off Station	O	1	
	2320	PI	Price Authority Identification	O	12	
	LOOP ID - 1400					13
	2400	R2	Route Information	M	1	
	LOOP ID - 1410					4
N	2410	R2B	Junctions and Proportions	O	1	
	2420	R2C	Division Basis	O	20	
N	2430	R2D	Miscellaneous Charge	O	5	
	2600	R9	Route Code Identification	O	1	
	2900	H3	Special Handling Instructions	O	20	
	3000	PS	Protective Service Instructions	O	5	
	LOOP ID - 1500					25
	3100	LX	Transaction Set Line Number	O	1	
	3200	L5	Description, Marks and Numbers	O	15	
	LOOP ID - 1510					25
	3500	L0	Line Item - Quantity and Weight	O	1	
	3550	MEA	Measurements	O	3	
	3600	L1	Rate and Charges	O	10	
	3650	DTM	Date/Time Reference	O	2	
	3800	PI	Price Authority Identification	O	1	
	3850	CD	Shipment Conditions	O	10	
	LOOP ID - 1600					64
	4000	T1	Transit Inbound Origin	O	1	
	4100	T2	Transit Inbound Lading	O	30	
	4200	T3	Transit Inbound Route	O	12	
	4300	T6	Transit Inbound Rates	O	1	
	4400	T8	Free-form Transit Data	O	99	
	4500	L3	Total Weight and Charges	O	1	
	5000	L1A	Billing Identification	O	13	
	5300	SE	Transaction Set Trailer	M	1	

Notes

1/0400 BX05 contains the Standard Carrier Alpha Code (SCAC) of the original roadhaul carrier receiving the shipment.

1/2410 One R2B segment is needed for each line haul carrier participating in the route of the shipment.

1/2410 R2B01 must be present and a valid Rule 260 Junction on all occurrences after the first.

1/2410 When used to convey a Statement of Difference the proportional amount (R2B03) and all divisions (R2C segments) must be present for the road issuing the SD. For other roads in the route, only the proportional amount is required and the divisions are optional.

1/2410 When used to convey a Statement of Difference, all divisions must be present for the road issuing the SD. For other roads in the route, the divisions are optional.

1/2430 When communicating more than one Miscellaneous Charge, send subsequent miscellaneous charges on additional R2D segments associated with a road's R2B segment.

Segment modifications since the previous version

	008060	008070
1/0250		
Max	30	50
1/0600		
Max	30	50

429 - Railroad Retirement Activity

FUNCTIONAL GROUP=**RU**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Railroad Retirement Activity Transaction Set (429) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides the sender with the capability to transmit information pertaining to the processing of railroad employee sickness and unemployment benefit claims against retirement funds. This transaction set will support the transfer of claim information from the Retirement Board to carriers as well as supporting corresponding response from a carrier to the Retirement Board.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	RU1	Retirement Board Detail	O	999	
	LOOP ID - RU2					999
	0300	RU2	Employing Carrier Response	O	1	
N	0400	RU3	Employing Carrier Claim Profile	O	1	
	0500	NTE	Note/Special Instruction	O	2	
	0600	SE	Transaction Set Trailer	M	1	

Notes

1/0400 At least one occurrence of segment RU3 is required if RU201 is code "D" or "T".

431 - Railroad Station Master File

FUNCTIONAL GROUP=**RM**
SUBCOMMITTEE=**I**

This X12 Transaction Set provides the format and establishes the data contents of the Railroad Station Master File Transaction Set (431) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set will be used by the Association of American Railroads (AAR) and the rail carriers to apply and disseminate information concerning the railroad stations. Rail carriers report to the AAR the addition or deletion of, or changes to, the list of stations they serve as updates to the centrally maintained master file. The AAR in turn provides all updates to the rail carriers and other subscribers to the system.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	SMB	Beginning Segment for Railroad Station Master File	M	1	
0250	DTM	Date/Time Reference	M	10	
0300	N4	Geographic Location	M	10	
0350	REF	Reference Information	O	10	
0400	SMS	Station Codes Segment	M	1	
0520	N1	Party Identification	O	10	
0600	SMR	Cross Reference	O	10	
0700	SMO	Operational Services	O	10	
0900	SE	Transaction Set Trailer	M	1	

432 - Rail Car Hire Rate Negotiation

FUNCTIONAL GROUP=**RX**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Car Hire Rate Negotiation Transaction Set (432) for the use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by fleet owners to distribute new rates to other participants.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	BLR	Transportation Carrier Identification	M	1	
0400	N9	Extended Reference Information	O	10	
0500	DTM	Date/Time Reference	O	6	
0600	QTY	Quantity Information	O	1	
LOOP ID - LX					10
0700	LX	Transaction Set Line Number	O	1	
0800	LQ	Industry Code Identification	O	8	
0900	DRT	Car Hire Rate Detail	O	6	
LOOP ID - CIC					5000
1000	CIC	Car Information Control	M	1	
1100	DRT	Car Hire Rate Detail	O	12	
1200	QTY	Quantity Information	O	1	
1300	SE	Transaction Set Trailer	M	1	

433 - Railroad Reciprocal Switch File

FUNCTIONAL GROUP=**RH**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Railroad Reciprocal Switch File Transaction Set (433) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide electronic updates for the reciprocal switch status (open, closed or conditionally open) of railroad customers.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	DTM	Date/Time Reference	M	10	
0400	N1	Party Identification	M	1	
0500	SMS	Station Codes Segment	M	1	
0600	CD	Shipment Conditions	O	160	
0650	PI	Price Authority Identification	O	1	
0660	XD	Placement/Pull Data	O	1	
LOOP ID - R2B					200
0670	R2B	unctions and Proportions	O	1	
0680	SWC	Switching Conditions	O	1	
0690	PR	Product (Commodity)	O	200	
0710	SWR	Switching Rates	O	1	
0720	CUR	Currency	O	1	
0730	CD	Shipment Conditions	O	160	
0740	XD	Placement/Pull Data	O	2	
LOOP ID - N1					50
0750	N1	Party Identification	O	1	
0760	SMS	Station Codes Segment	M	1	
0770	CD	Shipment Conditions	M	160	
0780	PI	Price Authority Identification	O	1	
0790	XD	Placement/Pull Data	O	1	
LOOP ID - R2B					200
0810	R2B	unctions and Proportions	O	1	
0820	SWC	Switching Conditions	O	1	
0830	PR	Product (Commodity)	O	200	
0840	SWR	Switching Rates	O	1	
0850	CUR	Currency	O	1	
0860	CD	Shipment Conditions	O	160	
0870	XD	Placement/Pull Data	O	2	
0880	SE	Transaction Set Trailer	M	1	

434 - Railroad Mark Register Update Activity

FUNCTIONAL GROUP=**RJ**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Railroad Mark/Register Update Activity Transaction Set (434) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to allow the Railroad Industry Reference File central site to communicate Mark/Register update activity to subscribers. This information includes the assignment and expiration of railroad reporting marks, Standard Carrier Alpha Codes (SCAC) and unit initials.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BRR	Beginning Segment for Railroad Mark/Register Update Activity	M	1	
0300	DTM	Date/Time Reference	M	10	
LOOP ID - N1					25
0400	N1	Party Identification	M	1	
0500	N2	Additional Name Information	O	1	
0600	N3	Party Location	O	2	
0700	N4	Geographic Location	O	1	
0800	PER	Administrative Communications Contact	O	1	
0900	SE	Transaction Set Trailer	M	1	

435 - Standard Transportation Commodity Code Master

FUNCTIONAL GROUP=**RK**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Standard Transportation Commodity Code Master Transaction Set (435) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to transmit Standard Transportation Commodity Codes and associated information.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
LOOP ID - SID					9999
0200	SID	Standard Transportation Commodity Code Identification	M	1	
0300	N9	Extended Reference Information	O	30	
0400	DTM	Date/Time Reference	O	10	
LOOP ID - LQ					100
0500	LQ	Industry Code Identification	O	1	
0600	MSG	Message Text	O	100	
LOOP ID - LX					4
0700	LX	Transaction Set Line Number	O	1	
0750	N9	Extended Reference Information	O	50	
0800	LH3	Hazardous Material Shipping Name Information	O	100	
0900	LH2	Hazardous Classification Information	O	8	
1000	LFH	Free-form Hazardous Material Information	O	30	
1100	LEP	EPA Required Data	O	3	
1200	LH4	Canadian Dangerous Requirements	O	4	
1250	CRC	Conditions Indicator	O	5	
1300	SE	Transaction Set Trailer	M	1	

436 - Locomotive Information

FUNCTIONAL GROUP=**LI**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Locomotive Information Transaction Set (436) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide the rail carriers with locomotive status and location information.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	LFI	Beginning Segment for Locomotive Information	M	1	
0300	N7	Equipment Details	M	1	
0400	K3	File Information	O	3	
0500	SE	Transaction Set Trailer	M	1	

437 - Railroad Junctions and Interchanges Activity

FUNCTIONAL GROUP=**RV**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Railroad Junctions and Interchanges Activity Transaction Set (437) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set allows the Railroad Industry Reference File central site to communicate junction and interchange update activity to subscribers. This information would include the creation and expiration of interchange agreements.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BFI	Beginning Segment Railroad Junctions and Interchanges Update Activity	M	1	
0300	DTM	Date/Time Reference	O	10	
0400	CCT	Railroad Junction Information	O	1	
LOOP ID - JS					2
0500	JS	Rail Junction Settlement Role Information	O	1	
0600	DTM	Date/Time Reference	O	3	
0700	SID	Standard Transportation Commodity Code Identification	O	20	
0800	SE	Transaction Set Trailer	M	1	

440 - Shipment Weights

FUNCTIONAL GROUP=**WR**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Shipment Weights Transaction Set (440) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit weights and scale information between any two interested parties.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BW	Beginning Segment for Weight Message Set	M	1	
0300	G4	Scale Identification	O	1	
0400	G5	Scale Information	M	255	
0500	SE	Transaction Set Trailer	M	1	

451 - Railroad Event Report

FUNCTIONAL GROUP=**EV**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Railroad Event Report Transaction Set (451) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a service provider to communicate activities associated with the movement of goods.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	ER	Rail Event Reporting	O	2	
LOOP ID - ED					999
0300	ED	Equipment Description	M	1	
0400	ER	Rail Event Reporting	O	2	
0500	NA	Cross-Reference Equipment	O	1	
0600	IC	Intermodal Chassis Equipment	O	3	
0700	CLR	Car Location Routing Request	O	10	
0800	ES	Equipment Status	O	1	
0900	SE	Transaction Set Trailer	M	1	

452 - Railroad Problem Log Inquiry or Advice

FUNCTIONAL GROUP=**PL**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Railroad Problem Log Inquiry or Advice Transaction Set (452) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a service provider or sponsor to communicate and register a problem; (2) for a party to a movement event to request information about problem logs created; and (3) to provide problem log data in response to a request.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGP	Beginning Segment for Problem Log Inquiry or Advice	M	1	
0300	N1	Party Identification	O	1	
0400	N9	Extended Reference Information	O	5	
0500	DTP	Date or Time or Period	O	2	
0600	NTE	Note/Special Instruction	O	999999	
0700	SE	Transaction Set Trailer	M	1	

453 - Railroad Service Commitment Advice

FUNCTIONAL GROUP=**ST**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Railroad Service Commitment Advice Transaction Set (453) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a Rail Interline Service Management shipment sponsor to communicate service commitment details to transportation service providers.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	SSC	Beginning Segment for Service Commitment Advice	M	1	
0300	DTP	Date or Time or Period	M	2	
0400	N1	Party Identification	O	999999	
0450	R2	Route Information	O	13	
0500	OD	Origin and Destination	O	1	
0600	PI	Price Authority Identification	O	10	
0700	PR	Product (Commodity)	O	99	
0800	CT	Car Type	O	99	
0900	APR	Association of American Railroads Pool Code Restrictions	O	99	
1000	SHR	Railroad Interline Service Special Handling Restrictions	O	99	
LOOP ID - SR					7
1100	SR	Requested Service Schedule	O	1	
LOOP ID - LX				999999	
1150	LX	Transaction Set Line Number	O	1	
1200	ISD	Railroad Interline Service Definition Detail	O	15	
1300	ISC	Interline Service Commitment Detail	O	999999	
1400	SE	Transaction Set Trailer	M	1	

455 - Railroad Parameter Trace Registration

FUNCTIONAL GROUP=**PB**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Railroad Parameter Trace Registration Transaction Set (455) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a freight carrier to: (1) request the establishment of a set of parameters used to select movement activity from a central data store over time; (2) request information about past activities within a date range that meets a set of parameters; and (3) request the establishment of a set of parameters for subsequent use on demand.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BTC	Beginning Segment for Parameter Trace Registration	M	1	
0300	DTP	Date or Time or Period	O	1	
0500	ED	Equipment Description	O	500000	
0600	BLR	Transportation Carrier Identification	O	5	
0700	N9	Extended Reference Information	O	1	
0800	V9	Event Detail	O	99	
LOOP ID - LX					99
0900	LX	Transaction Set Line Number	O	1	
1000	PRM	Basic Trace Parameters	O	1	
1100	N1	Party Identification	O	1	
1200	F9	Origin Station	O	1	
1300	D9	Destination Station	O	1	
1400	N4	Geographic Location	O	1	
1500	SE	Transaction Set Trailer	M	1	

456 - Railroad Equipment Inquiry or Advice

FUNCTIONAL GROUP=**EI**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Railroad Equipment Inquiry or Advice Transaction Set (456) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a provider of equipment or transportation service to provide information to a qualified customer; (2) for a qualified customer to inquire as to the location of equipment or shipments; and (3) for one company to provide another company with equipment or shipment information.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	EIA	Beginning Segment for Equipment Inquiry or Advice	M	1	
0300	N8	Waybill Reference	O	10	
LOOP ID - LX					500
0350	LX	Transaction Set Line Number	O	1	
0400	N7	Equipment Details	O	1	
0500	H5	Car Service Order	O	1	
0600	IC	Intermodal Chassis Equipment	O	1	
0700	F9	Origin Station	O	1	
0800	D9	Destination Station	O	1	
0900	N9	Extended Reference Information	O	99	
1000	N1	Party Identification	O	>1	
1100	H3	Special Handling Instructions	O	6	
1200	L5	Description, Marks and Numbers	O	15	
1300	R2	Route Information	O	13	
1400	VC	Motor Vehicle Control	O	36	
1500	PI	Price Authority Identification	O	30	
LOOP ID - S1					12
1600	S1	Stop-off Name	O	1	
1700	S9	Stop-off Station	O	1	
LOOP ID - IS1					1
1800	IS1	Estimated Time of Arrival and Car Scheduling	O	1	
1900	ISC	Interline Service Commitment Detail	O	99	
2000	IS2	Scheduled Events	M	99	
2100	N9	Extended Reference Information	M	5	
LOOP ID - ER					99
2200	ER	Rail Event Reporting	O	1	
2300	N4	Geographic Location	O	1	
2400	NA	Cross-Reference Equipment	O	1	
2500	ES	Equipment Status	O	1	
2600	SE	Transaction Set Trailer	M	1	

460 - Railroad Price Distribution Request or Response

FUNCTIONAL GROUP=**TP**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Railroad Price Distribution Request or Response Transaction Set (460) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to request or communicate prices (rates and associated information) between two or more parties. It can send or respond to a rate docket which includes maintenance status, qualifying conditions, geographic data, routes, rates, and interline divisions.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	REN	Rate Request Information	M	1	
0300	DK	Docket Header	M	1	
0400	PI	Price Authority Identification	O	8	
0500	PR	Product (Commodity)	O	200	
0600	SS	Docket Control Status	O	1	
0700	SA	Status Action	O	1	
0800	CD	Shipment Conditions	O	150	
0900	RAB	Rate or Minimum Qualifiers	O	48	
LOOP ID - PT					50
1000	PT	Patron	O	1	
1100	N3	Party Location	O	2	
1200	N4	Geographic Location	O	1	
1300	PER	Administrative Communications Contact	O	2	
LOOP ID - SB					50
1400	SB	Docket Level	M	1	
1500	GY	Geography	O	150	
LOOP ID - SC					300
1600	SC	Docket Sub-level	M	1	
1700	GY	Geography	O	150	
1800	CD	Shipment Conditions	O	150	
1900	RAB	Rate or Minimum Qualifiers	O	48	
LOOP ID - LX					60
2000	LX	Transaction Set Line Number	M	1	
2100	RS	Rate Subset	M	1	
2200	RD	Rate Data	O	25	
LOOP ID - R9					2
2300	R9	Route Code Identification	O	1	
2400	FK	Factor	O	13	
LOOP ID - R2B					13
2500	R2B	Junctions and Proportions	O	1	
2600	R2C	Division Basis	O	25	

2700	SE	Transaction Set Trailer	M	1

463 - Rail Rate Reply

FUNCTIONAL GROUP=**TP**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Rate Reply Transaction Set (463) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to reply to a Rail Rate Transaction from the receiver's application process based on data content or business rules. This transaction set is used as an application acceptance, application rejection or to indicate that no data was found for a request.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	REN	Rate Request Information	M	1	
LOOP ID - DK					300000
0300	DK	Docket Header	O	1	
LOOP ID - LQ					10
0400	LQ	Industry Code Identification	O	1	
0500	NTE	Note/Special Instruction	O	10	
0600	SE	Transaction Set Trailer	M	1	

466 - Rate Request

FUNCTIONAL GROUP=**TP**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rate Request Transaction Set (466) for use within the context of Electronic Data Interchange (EDI) environment. The transaction set can be used to request rail rates applicable to specific movements.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	REN	Rate Request Information	M	1	
0300	DK	Docket Header	O	1	
0400	PR1	Price Request Parameter List 1	O	1	
0500	PR2	Price Request Parameter List 2	O	1	
0600	PI	Price Authority Identification	O	1	
0700	SE	Transaction Set Trailer	M	1	

468 - Rate Docket Journal Log

FUNCTIONAL GROUP=**TP**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rate Docket Journal Log Transaction Set (468) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit comments and associated data about rates contained in a rate docket.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0150	REN	Rate Request Information	M	1	
LOOP ID - 0100					100
0200	DK	Docket Header	M	1	
0250	PI	Price Authority Identification	O	1	
0300	JL	Journal Identification	O	1	
0400	K1	Remarks	O	100	
0500	SE	Transaction Set Trailer	M	1	

470 - Railroad Clearance

FUNCTIONAL GROUP=**RB**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Clearance Transaction Set (470) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the means to request or respond to clearances for dimensional and heavy shipments by Rail.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	N9	Extended Reference Information	M	10	
0400	F9	Origin Station	M	1	
0500	D9	Destination Station	M	1	
0600	PER	Administrative Communications Contact	O	3	
0700	H3	Special Handling Instructions	O	20	
0800	R2	Route Information	O	13	
LOOP ID - LET					150
0900	LET	Load and Equipment Type	O	1	
LOOP ID - MEA					999
1000	MEA	Measurements	M	1	
1100	L4	Measurement	O	99	
1200	N7	Equipment Details	O	1	
1300	L10	Weight Information	O	1	
1400	AMT	Monetary Amount Information	O	1	
LOOP ID - LX					5
1500	LX	Transaction Set Line Number	O	1	
1600	NTE	Note/Special Instruction	O	10	
1700	L5	Description, Marks and Numbers	O	15	
LOOP ID - N1					5
1800	N1	Party Identification	O	1	
1900	N2	Additional Name Information	O	1	
2000	N3	Party Location	O	1	
2100	N4	Geographic Location	O	1	
2200	PER	Administrative Communications Contact	O	1	
2300	SE	Transaction Set Trailer	M	1	

475 - Rail Route File Maintenance

FUNCTIONAL GROUP=**SN**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Route File Maintenance Transaction Set (475) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to distribute route file updates of the rail industry route file.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
LOOP ID - R9					50
0400	R9	Route Code Identification	M	1	
0500	PER	Administrative Communications Contact	O	1	
0600	DTM	Date/Time Reference	M	10	
0700	RDD	Route Description Detail	O	5	
0800	SE	Transaction Set Trailer	M	1	

485 - Ratemaking Action

FUNCTIONAL GROUP=**TP**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Ratemaking Action Transaction Set (485) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit ratemaking activities related to concurrence, factor change, publisher change, or proposal rejection or trace.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	DK	Docket Header	M	1	
0300	PRI	External Reference Identifier	O	1	
0400	SA	Status Action	M	1	
LOOP ID - 0100					8
0500	SC	Docket Sub-level	O	1	
LOOP ID - 0110					10
0600	RA	Rate Header	O	1	
0700	FK	Factor	O	5	
LOOP ID - 0111					64
0800	MC	Miscellaneous and Accessorial Charges	O	1	
0900	FK	Factor	O	5	
1000	SW	Switching Charges	O	3	
1100	SE	Transaction Set Trailer	M	1	

486 - Rate Docket Expiration

FUNCTIONAL GROUP=**TP**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rate Docket Expiration Transaction Set (486) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit the expiration date of a docket.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	REN	Rate Request Information	M	1	
0300	DR	Docket Range	M	1	
0400	PI	Price Authority Identification	O	1	
0500	SA	Status Action	M	1	
0600	SE	Transaction Set Trailer	M	1	

490 - Rate Group Definition

FUNCTIONAL GROUP=**TP**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rate Group Definition Transaction Set (490) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to define and name a group of elements (patron, geography, commodity, shipment conditions) pertinent to a tariff.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	REN	Rate Request Information	M	1	
0300	DK	Docket Header	M	1	
0400	GH	Group Header	M	1	
0500	PI	Price Authority Identification	O	8	
0600	TT	Term Text	O	999	
0700	GY	Geography	O	999	
0800	CD	Shipment Conditions	O	999	
1000	PR	Product (Commodity)	O	999	
LOOP ID - PT					999
1100	PT	Patron	O	1	
1200	N3	Party Location	O	2	
1300	N4	Geographic Location	O	1	
1400	PER	Administrative Communications Contact	O	2	
1500	SE	Transaction Set Trailer	M	1	

492 - Miscellaneous Rates

FUNCTIONAL GROUP=**TP**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Miscellaneous Rates Transaction Set (492) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit rail rates for demurrage, detention, and storage.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	DK	Docket Header	M	1	
0300	PRI	External Reference Identifier	M	1	
0400	DM	Demurrage/Detention/ Storage Rate	O	1	
LOOP ID - 0100					10
0500	SC	Docket Sub-level	O	1	
0600	DM	Demurrage/Detention/ Storage Rate	O	1	
0700	SE	Transaction Set Trailer	M	1	

494 - Rail Scale Rates

FUNCTIONAL GROUP=**TP**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Rail Scale Rates Transaction Set (494) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit rail scale rate tables which include commodities, qualifying conditions, geographic data, routes, divisions and mileage blocks.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	REN	Rate Request Information	M	1	
0300	DK	Docket Header	M	1	
0400	PI	Price Authority Identification	M	25	
0500	PR	Product (Commodity)	O	200	
0600	SS	Docket Control Status	O	1	
0700	SA	Status Action	M	1	
0800	CD	Shipment Conditions	O	150	
0900	GY	Geography	O	150	
1000	RAB	Rate or Minimum Qualifiers	O	12	
1100	PT	Patron	O	50	
LOOP ID - R9					10
1500	R9	Route Code Identification	O	1	
LOOP ID - R2B					10
1600	R2B	unctions and Proportions	O	1	
1700	R2C	Division Basis	O	10	
LOOP ID - LX					1
1750	LX	Transaction Set Line Number	M	1	
1760	PI	Price Authority Identification	M	15	
1770	N4	Geographic Location	O	1	
LOOP ID - SCL					999
1800	SCL	Rate Basis/Scales	O	1	
1900	RD	Rate Data	O	6	
2000	SE	Transaction Set Trailer	M	1	

500 - Medical Event Reporting

FUNCTIONAL GROUP=**MM**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Medical Event Reporting Transaction Set (500) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to make voluntary, mandatory, baseline, annual and semi-annual reports on medication and medical device adverse effects and product problems.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - NM1					>1
N	0300	NM1	Individual or Organizational Name	O	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	REF	Reference Information	O	>1	
	0800	PER	Administrative Communications Contact	O	>1	
	0900	DTM	Date/Time Reference	O	>1	
	1000	QTY	Quantity Information	O	>1	
	1100	TRN	Trace	O	>1	
	LOOP ID - LM					>1
	1200	LM	Code Source Information	O	1	
	1300	LQ	Industry Code Identification	M	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					>1
N	0100	HL	Hierarchical Level	O	1	
	LOOP ID - LM					>1
N	0200	LM	Code Source Information	O	1	
	LOOP ID - LQ					>1
	0300	LQ	Industry Code Identification	M	1	
	0400	DTM	Date/Time Reference	O	>1	
	0500	REF	Reference Information	O	>1	
	0600	QTY	Quantity Information	O	>1	
	0700	MTX	Text	O	>1	
	LOOP ID - LIN					>1
N	0800	LIN	Item Identification	O	1	
	0900	PID	Product/Item Description	O	>1	
	1000	QTY	Quantity Information	O	>1	
	1100	DTM	Date/Time Reference	O	>1	
	1200	REF	Reference Information	O	>1	

	1300	MEA	Measurements	O	>1	
	1400	TRN	Trace	O	>1	
	1500	MTX	Text	O	>1	
	LOOP ID - NM1					>1
N	1600	NM1	Individual or Organizational Name	O	1	
	1700	N2	Additional Name Information	O	2	
	1800	N3	Party Location	O	2	
	1900	N4	Geographic Location	O	1	
	2000	REF	Reference Information	O	>1	
	2100	PER	Administrative Communications Contact	O	>1	
	2200	DTM	Date/Time Reference	O	>1	
	2300	DMG	Demographic Information	O	>1	
	2340	DMH	Extended Demographic Information	O	1	
	2360	PCU	Parameter for Clinical Use	O	10	
	2400	MEA	Measurements	O	>1	
	2500	PWK	Paperwork	O	>1	
	2600	TRN	Trace	O	>1	
	LOOP ID - QTY					>1
	2700	QTY	Quantity Information	O	1	
	LOOP ID - LM					>1
	2800	LM	Code Source Information	O	1	
	2900	LQ	Industry Code Identification	M	>1	
	LOOP ID - PID					>1
	3000	PID	Product/Item Description	O	1	
	3100	DTM	Date/Time Reference	O	>1	
	3200	QTY	Quantity Information	O	>1	
	LOOP ID - MTX					>1
	3300	MTX	Text	O	1	
	3400	DTM	Date/Time Reference	O	>1	
N	3500	CTT	Transaction Totals	O	1	
	3600	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The NM1 loop carries information about the party transmitting the report.

2/0100 The HL loop divides a report into sections such as event, patient, device, medication, reporter, user facility, distributor and manufacturer.

2/0200 The LM loop provides report data in coded form.

2/0800 The LIN loop provides product device or medication specific information.

2/1600 The NM1 loop carries party or organization reporting information.

2/3500 CTT01 is the number of occurrences of the HL segment.

501 - Vendor Performance Review

FUNCTIONAL GROUP=**WG**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Vendor Performance Review Transaction Set (501) for use within the context of an Electronic Data Interchange (EDI) environment. This bi-directional transaction set can be used to request and receive past performance information. The transaction set may also be used to challenge the validity of the information received and to respond to challenges.

This transaction set can be used by selling parties to request, receive, and challenge historic information regarding their performance on contracts in the areas of capability, eligibility, quality assurance, and delivery performance.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	NTE	Note/Special Instruction	O	>1	
	LOOP ID - N1					>1
	0400	N1	Party Identification	O	1	
	0500	N2	Additional Name Information	O	2	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	
	0800	PER	Administrative Communications Contact	O	>1	
	0900	REF	Reference Information	O	>1	
	1000	DTP	Date or Time or Period	O	>1	
	LOOP ID - LM					>1
	1100	LM	Code Source Information	O	1	
	1200	LQ	Industry Code Identification	M	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - CRT					>1
N	0100	CRT	Contractor Report Type	O	1	
	LOOP ID - REF					>1
	0200	REF	Reference Information	O	1	
	0300	DTP	Date or Time or Period	O	>1	
N	0400	SPR	Supplier Rating	O	>1	
	LOOP ID - N1					>1
N	0500	N1	Party Identification	O	1	
	0600	N2	Additional Name Information	O	2	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	0900	PER	Administrative Communications Contact	O	>1	

LOOP ID - DTP					>1
1000	DTP	Date or Time or Period	O	1	
1100	QTY	Quantity Information	O	>1	
LOOP ID - LM					>1
1200	LM	Code Source Information	O	1	
1300	LQ	Industry Code Identification	M	>1	
1400	DTP	Date or Time or Period	O	>1	
1500	LS	Loop Header	O	1	
LOOP ID - QTY					>1
1600	QTY	Quantity Information	O	1	
1700	MEA	Measurements	O	>1	
1800	PCT	Percent Amounts	O	>1	
1900	NTE	Note/Special Instruction	O	>1	
2000	LE	Loop Trailer	O	1	
LOOP ID - REF					>1
2100	REF	Reference Information	O	1	
LOOP ID - QTY					>1
2200	QTY	Quantity Information	O	1	
2300	DTP	Date or Time or Period	O	>1	
2400	AMT	Monetary Amount Information	O	>1	
2500	NTE	Note/Special Instruction	O	>1	
LOOP ID - LM					>1
2600	LM	Code Source Information	O	1	
2700	LQ	Industry Code Identification	M	>1	
2800	SE	Transaction Set Trailer	M	1	

Notes

2/0100 The CRT loop defines the type of report for which information exists in the database.

2/0400 The SPR segment can carry the rating category and rating summary value codes for pre-award surveys.

2/0500 The N1 loop carries the address of and the information contained in the database of the reporting location.

503 - Pricing History

FUNCTIONAL GROUP=**PH**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Pricing History Transaction Set (503) for use within the context of an Electronic Data Interchange (EDI) environment. This bi-directional transaction set can be used by a purchasing party or vendor to request pricing history information for an item. The transaction set can also be used to respond to a request for pricing history information.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - N1					>1
	0300	N1	Party Identification	O	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	REF	Reference Information	O	>1	
	0800	PER	Administrative Communications Contact	O	>1	
	0900	DTM	Date/Time Reference	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LIN					>1
	0100	LIN	Item Identification	O	1	
	0200	PID	Product/Item Description	O	>1	
	0300	QTY	Quantity Information	O	>1	
	0400	AMT	Monetary Amount Information	O	>1	
	0500	PCT	Percent Amounts	O	>1	
	0600	REF	Reference Information	O	>1	
	LOOP ID - LM					>1
	0700	LM	Code Source Information	O	1	
	0800	LQ	Industry Code Identification	M	>1	
	0900	LS	Loop Header	O	1	
	LOOP ID - QTY					>1
N	1000	QTY	Quantity Information	O	1	
	1100	AMT	Monetary Amount Information	O	>1	
	1200	REF	Reference Information	O	>1	
	1300	DTM	Date/Time Reference	O	>1	
	1400	NTE	Note/Special Instruction	O	>1	
	LOOP ID - LM					>1
	1500	LM	Code Source Information	O	1	
	1600	LQ	Industry Code Identification	M	>1	
	LOOP ID - N1					>1

1700	N1	Party Identification	O	1	
1800	N2	Additional Name Information	O	2	
1900	N3	Party Location	O	2	
2000	N4	Geographic Location	O	1	
2100	REF	Reference Information	O	>1	
2200	PER	Administrative Communications Contact	O	>1	
2300	DTM	Date/Time Reference	O	>1	
2400	CS	Contract Summary	O	>1	
2500	FOB	F.O.B. Related Instructions	O	>1	
LOOP ID - LM					>1
2600	LM	Code Source Information	O	1	
2700	LQ	Industry Code Identification	M	>1	
2800	LE	Loop Trailer	O	1	
2900	SE	Transaction Set Trailer	M	1	

Notes

2/1000 The QTY loop can be used to convey pricing information when multiple quantities of the cited item were purchased.

504 - Clauses and Provisions

FUNCTIONAL GROUP=**CC**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Clauses and Provisions Transaction Set (504) for use within the context of an Electronic Data Interchange (EDI) environment. This bi-directional transaction set can be used to request or respond to requests for clauses and special provisions.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
LOOP ID - N1					>1
0300	N1	Party Identification	O	1	
0400	N2	Additional Name Information	O	2	
0500	N3	Party Location	O	2	
0600	N4	Geographic Location	O	1	
0700	PER	Administrative Communications Contact	O	>1	
0800	DTP	Date or Time or Period	O	>1	
LOOP ID - LM					>1
0850	LM	Code Source Information	O	1	
0860	LQ	Industry Code Identification	M	>1	
LOOP ID - REF					>1
0900	REF	Reference Information	O	1	
1000	DTP	Date or Time or Period	O	>1	
1100	MSG	Message Text	O	>1	
LOOP ID - LM					>1
1150	LM	Code Source Information	O	1	
1160	LQ	Industry Code Identification	M	>1	
1220	SE	Transaction Set Trailer	M	1	

511 - Requisition

FUNCTIONAL GROUP=**RN**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Requisition Transaction Set (511) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to requisition needed material and equipment from a supply distribution system for immediate consumption or stockage against projected requirements. The originator can also use this transaction set to amend or terminate the original requisition. This transaction set may be used to convey a description and quantity of the required material, delivery and billing information, and other logistics information necessary to evaluate and meet the material needs of the originator. This transaction set is not used to establish a contractual relationship between trading partners, and may precede the use of a purchase order.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BR	Beginning Segment for Material Management	M	1	
	0300	G62	Date/Time	O	10	
	0400	NTE	Note/Special Instruction	O	10	
	LOOP ID - LM					50
N	0500	LM	Code Source Information	O	1	
	0600	LQ	Industry Code Identification	M	100	
	LOOP ID - N1					20
N	0700	N1	Party Identification	M	1	
	0800	N2	Additional Name Information	O	2	
	0900	N3	Party Location	O	2	
	1000	N4	Geographic Location	O	1	
	1100	G61	Contact	O	5	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LX					>1
	0100	LX	Transaction Set Line Number	O	1	
	0200	N9	Extended Reference Information	M	>1	
	0300	PO1	Baseline Item Data	O	>1	
	0500	PWK	Paperwork	O	1	
	0600	DD	Demand Detail	O	100	
	0700	GF	Furnished Goods and Services	O	1	
	0800	G62	Date/Time	O	20	
	0900	MAN	Marks and Numbers Information	O	5	
	1000	LIN	Item Identification	O	>1	
	1050	MEA	Measurements	O	>1	
	1100	G69	Line Item Detail - Description	O	>1	

	1200	NTE	Note/Special Instruction	O	>1	
LOOP ID - LM						50
	1300	LM	Code Source Information	O	1	
	1400	LQ	Industry Code Identification	M	100	
LOOP ID - QTY						>1
N	1500	QTY	Quantity Information	O	1	
LOOP ID - LM						50
	1600	LM	Code Source Information	O	1	
	1700	LQ	Industry Code Identification	M	100	
LOOP ID - N1						100
N	1800	N1	Party Identification	O	1	
	1900	N2	Additional Name Information	O	2	
	2000	N3	Party Location	O	2	
	2100	N4	Geographic Location	O	1	
	2150	G61	Contact	O	5	
LOOP ID - REF						>1
N	2200	REF	Reference Information	O	1	
	2300	G62	Date/Time	O	10	
	2400	N9	Extended Reference Information	O	>1	
	2500	N1	Party Identification	O	1	
	2600	R4	Port or Terminal	O	1	
LOOP ID - LM						50
	2700	LM	Code Source Information	O	1	
	2800	LQ	Industry Code Identification	M	100	
LOOP ID - FA1						>1
	2850	FA1	Type of Financial Accounting Data	O	1	
	2860	FA2	Accounting Data	M	>1	
	2900	SE	Transaction Set Trailer	M	1	

Notes

1/0500 The LM loop identifies logistic data common to the entire transaction set.

1/0700 The N1 loop identifies name and or address information common to the entire transaction set.

2/1500 Each iteration of the QTY loop qualifies a portion of the total quantity ordered with particular logistics information codes.

2/1800 The N1 loop identifies the name and address information unique to each use of the LX loop.

2/2200 The REF loop conveys serial and lot number inventory data.

517 - Material Obligation Validation

FUNCTIONAL GROUP=**MV**
SUBCOMMITTEE=**M**

This X12 Transaction Set provides the format and establishes the data contents of the Material Obligation Validation Transaction Set (517) for use within the context of an Electronic Data Interchange (EDI) environment. The material obligation validation transaction set may be used to: (1) verify the continued need for open orders, (2) confirm open order quantities and order priority, (3) request reinstatement of erroneously cancelled open orders, and (4) validate Government Furnished Material (GFM) orders. The transaction set may convey a description of the material, the urgency of need associated with the transaction and quantity of required material. This transaction set is bi-directional between trading partners.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BR	Beginning Segment for Material Management	M	1	
0300	G62	Date/Time	O	10	
LOOP ID - LM					10
0400	LM	Code Source Information	O	1	
0500	LQ	Industry Code Identification	M	100	
LOOP ID - N1					>1
0600	N1	Party Identification	O	1	
0700	N2	Additional Name Information	O	2	
0800	N3	Party Location	O	2	
0900	N4	Geographic Location	O	1	
1000	G61	Contact	O	5	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - QTY					>1
0100	QTY	Quantity Information	O	1	
0200	N9	Extended Reference Information	O	30	
0400	G62	Date/Time	O	30	
0500	DD	Demand Detail	O	100	
0600	GF	Furnished Goods and Services	O	1	
LOOP ID - LM					10
0700	LM	Code Source Information	O	1	
0800	LQ	Industry Code Identification	M	100	
LOOP ID - N1					>1
0900	N1	Party Identification	O	1	
1000	N2	Additional Name Information	O	2	
1100	N3	Party Location	O	2	
1200	N4	Geographic Location	O	1	

1300	G61	Contact	O	5	
LOOP ID - FA1					>1
1350	FA1	Type of Financial Accounting Data	O	1	
1360	FA2	Accounting Data	M	>1	
1400	SE	Transaction Set Trailer	M	1	

521 - Income or Asset Offset

FUNCTIONAL GROUP=**AO**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Income or Asset Offset Transaction Set (521) for use within the context of an Electronic Data Interchange (EDI) environment. This bi-directional transaction set can be created by an agency or entity to require an employer or asset holder to withhold and deliver assets or income on behalf of a person or entity to whom they are owed, as in a levy, lien, or garnishment. It can also be used to confirm or modify a prior notification. This transaction set can also be used by the employer or third party to report the ability to comply with the requirement and the terms of that compliance and may be used to initiate an electronic funds transfer in order to satisfy the requirement.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	BPR	Beginning Segment for Payment Order/Remittance Advice	O	1	
	0400	NTE	Note/Special Instruction	O	>1	
	0500	TRN	Trace	O	1	
	0600	CUR	Currency	O	1	
	0700	REF	Reference Information	O	>1	
	0800	DTM	Date/Time Reference	O	>1	
	0850	AD1	Adjustment Amount	O	>1	
	LOOP ID - N1					>1
N	0900	N1	Party Identification	O	1	
	1000	N2	Additional Name Information	O	2	
	1100	N3	Party Location	O	2	
	1200	N4	Geographic Location	O	1	
	1300	REF	Reference Information	O	>1	
	1400	PER	Administrative Communications Contact	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - NM1					>1
N	0100	NM1	Individual or Organizational Name	M	1	
	0200	N2	Additional Name Information	O	2	
	0300	IN2	Individual Name Structure Components	O	>1	
	0400	N3	Party Location	O	2	
	0500	N4	Geographic Location	O	1	
	0600	REF	Reference Information	O	>1	
	0700	DTM	Date/Time Reference	O	>1	
	0800	AD1	Adjustment Amount	O	>1	
	0900	MSG	Message Text	O	>1	
	LOOP ID - PAM					>1
	1000	PAM	Period Amount	O	1	

	1100	REF	Reference Information	O	>1	
	1200	DTM	Date/Time Reference	O	>1	
LOOP ID - CDS						>1
	1300	CDS	Case Description	O	1	
	1400	REF	Reference Information	O	>1	
	1500	PAM	Period Amount	O	>1	
	1600	DTM	Date/Time Reference	O	>1	
LOOP ID - N1						>1
N	1700	N1	Party Identification	O	1	
	1800	N2	Additional Name Information	O	2	
	1900	IN2	Individual Name Structure Components	O	>1	
	2000	N3	Party Location	O	2	
	2100	N4	Geographic Location	O	1	
	2200	REF	Reference Information	O	>1	
	2300	PER	Administrative Communications Contact	O	>1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	AMT	Monetary Amount Information	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

1/0300 This BPR segment can be used by the responder to initiate a single electronic funds transfer payment for the entire offset. The amount of the entire offset is the sum of the offsets contained in the PAM segments for individuals or organizations named in Table 2, less any adjustment amounts contained in any AD1 segments.

1/0900 This N1 loop may refer to the issuing agency, the payer or asset holder or its agent, or the entity to which remittance should be sent.

2/0100 This NM1 refers to the obligor.

2/1700 This N1 loop refers to the payees, such as children, custodial parent, or trustee.

3/0100 This AMT segment is used to carry the total monetary value of the transaction set, including all offsets against income or assets of all obligors.

527 - Material Due-In and Receipt

FUNCTIONAL GROUP=**MD**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Material Due-In and Receipt Transaction Set (527) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide advanced notification of scheduled material receipts, to report receipts, and to inquire about the status of receipt reporting.

This transaction set may be used to convey a description of the material, receiving conditions and quantities, necessary contract information, and other logistics information. This transaction set is bi-directional between trading partners.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BR	Beginning Segment for Material Management	M	1	
	0300	G62	Date/Time	O	5	
	0400	NTE	Note/Special Instruction	O	5	
	LOOP ID - LM					50
N	0500	LM	Code Source Information	O	1	
	0600	LQ	Industry Code Identification	M	100	
	LOOP ID - N1					20
N	0700	N1	Party Identification	M	1	
	0800	N2	Additional Name Information	O	2	
	0900	N3	Party Location	O	2	
	1000	N4	Geographic Location	O	1	
	1100	G61	Contact	O	5	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LIN					>1
	0100	LIN	Item Identification	M	1	
N	0200	CS	Contract Summary	O	1	
N	0300	N9	Extended Reference Information	O	10	
	LOOP ID - RCD					>1
	0400	RCD	Receiving Conditions	M	1	
	0500	G62	Date/Time	O	10	
	0600	GF	Furnished Goods and Services	O	1	
	0800	DD	Demand Detail	O	100	
N	0900	N9	Extended Reference Information	O	5	
	1000	AMT	Monetary Amount Information	O	1	
	1100	NTE	Note/Special Instruction	O	5	
	1150	G66	Transportation Instructions	O	5	
	LOOP ID - LM					25

N	1200	LM	Code Source Information	O	1	
	1300	LQ	Industry Code Identification	M	100	
	LOOP ID - CS					>1
N	1400	CS	Contract Summary	O	1	
	1500	PO4	Item Physical Details	O	1	
	1600	N9	Extended Reference Information	O	5	
	1700	G62	Date/Time	O	5	
	1800	G69	Line Item Detail - Description	O	5	
	LOOP ID - LM					25
	1900	LM	Code Source Information	O	1	
	2000	LQ	Industry Code Identification	M	100	
	LOOP ID - N1					25
N	2100	N1	Party Identification	O	1	
	2200	N2	Additional Name Information	O	2	
	2300	N3	Party Location	O	2	
	2400	N4	Geographic Location	O	1	
	2450	G61	Contact	O	1	
	LOOP ID - REF					>1
N	2500	REF	Reference Information	O	1	
	2600	G62	Date/Time	O	10	
	2700	N9	Extended Reference Information	O	>1	
	2800	N1	Party Identification	O	1	
	LOOP ID - LM					50
	2900	LM	Code Source Information	O	1	
	3000	LQ	Industry Code Identification	M	100	
	LOOP ID - QTY					>1
N	3100	QTY	Quantity Information	O	1	
	3200	N1	Party Identification	O	1	
	LOOP ID - LM					100
	3300	LM	Code Source Information	O	1	
	3400	LQ	Industry Code Identification	M	100	
	LOOP ID - FA1					>1
	3450	FA1	Type of Financial Accounting Data	O	1	
	3460	FA2	Accounting Data	M	>1	
	3500	SE	Transaction Set Trailer	M	1	

Notes

1/0500 The LM loop identifies logistics data common to the entire transaction set.

1/0700 The N1 loop identifies name and or address information common to the entire transaction set.

2/0200 The CS segment identifies data related to material obtained from procurement sources.

2/0300 The N9 segment identifies data related to material obtained from non-procurement sources.

2/0900 The N9 segment identifies shipment identification information.

2/1200 The LM loop identifies logistics data unique to each use of the RCD loop.

2/1400 The CS loop identifies contract summary, logistics, and packaging data unique to material received from a procurement source.
2/2100 The N1 loop identifies name and or address information unique to each use of the RCD loop.
2/2500 The REF loop conveys serial number, lot number and inventory data.
2/3100 The QTY loop stratifies the RCD02 quantity based on unique logistic and receiving location data.

536 - Logistics Reassignment

FUNCTIONAL GROUP=**LR**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Logistics Reassignment Transaction Set (536) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to provide information necessary to transfer management responsibility between an old and new managing organization. This transaction set may be used to convey a description and quantity of the transferred material, specific inventory locations, product quality information, technical data, open contract information, demand data, procurement history, and other information necessary for the new managing organization to evaluate and meet the material needs of customers.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BR	Beginning Segment for Material Management	M	1	
0300	N9	Extended Reference Information	O	20	
0400	G62	Date/Time	O	10	
LOOP ID - LM					20
0500	LM	Code Source Information	O	1	
0600	LQ	Industry Code Identification	M	100	
LOOP ID - N1					20
0700	N1	Party Identification	O	1	
0800	N2	Additional Name Information	O	2	
0900	N3	Party Location	O	2	
1000	N4	Geographic Location	O	1	
1100	G61	Contact	O	10	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - HL					>1
0100	HL	Hierarchical Level	M	1	
0200	LIN	Item Identification	O	1	
0300	CS	Contract Summary	O	1	
0400	QTY	Quantity Information	O	>1	
0500	RCD	Receiving Conditions	O	1	
0600	N9	Extended Reference Information	O	>1	
0700	CON	Contract Number Detail	O	>1	
0800	G62	Date/Time	O	50	
0900	CTP	Pricing Information	O	10	
1000	G69	Line Item Detail - Description	O	30	
1100	DD	Demand Detail	O	100	
1200	LDT	Lead Time	O	3	
1300	MEA	Measurements	O	5	

1400	PKG	Marking, Packaging, Loading	O	5	
1500	PWK	Paperwork	O	1	
1600	MSG	Message Text	O	10	
LOOP ID - LM					20
1700	LM	Code Source Information	O	1	
1800	LQ	Industry Code Identification	M	100	
LOOP ID - N1					50
1900	N1	Party Identification	O	1	
2000	N2	Additional Name Information	O	2	
2100	N3	Party Location	O	2	
2200	N4	Geographic Location	O	1	
2300	G61	Contact	O	10	
2400	SE	Transaction Set Trailer	M	1	

540 - Notice of Employment Status

FUNCTIONAL GROUP=**ES**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Notice of Employment Status Transaction Set (540) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to notify government agencies or authorized parties of the identity of newly hired employees, of the termination of employees, or to confirm employment status. The transaction set may also be used to convey this information between authorized parties, or to convey responses from the agency if necessary.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - N1					>1
N	0300	N1	Party Identification	O	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	PER	Administrative Communications Contact	O	>1	
	0800	REF	Reference Information	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - NM1					>1
N	0100	NM1	Individual or Organizational Name	M	1	
	0200	N2	Additional Name Information	O	2	
	0300	N3	Party Location	O	2	
	0400	N4	Geographic Location	O	1	
	0500	PER	Administrative Communications Contact	O	>1	
N	0600	REF	Reference Information	O	>1	
	LOOP ID - ENT					>1
N	0700	ENT	Entity	M	1	
	0800	IN2	Individual Name Structure Components	O	>1	
	0900	N3	Party Location	O	2	
N	1000	N4	Geographic Location	O	>1	
	1100	REF	Reference Information	O	>1	
N	1200	YNQ	Yes/No Question	O	10	
N	1300	DTM	Date/Time Reference	O	>1	
N	1400	HD	Health Coverage	O	1	
N	1500	EMS	Employment Position	O	1	
	1600	PAM	Period Amount	O	>1	
	1700	SE	Transaction Set Trailer	M	1	

Notes

1/0300 This N1 loop can be used to identify the sender and receiver, such as an agent or transmitter or government agency.
2/0100 This NM1 loop must identify the employer.
2/0600 This REF segment contains the employer identification. Either the Federal Employer Identification Number (FEIN) or a state identification number is required.
2/0700 This ENT loop identifies the employee.
2/1000 The second and subsequent iterations of the N4 segment identify state(s) in which the employee works.
2/1200 This YNQ segment contains an agency response to name, Social Security Number, or other information reported if necessary, e.g., error indications.
2/1300 The DTM segment may optionally contain the employee's birthdate, and may contain Date of Hire, Termination Date, First Day Worked, Last Day Worked, First Pay Date, or Last Pay Date.
2/1400 The HD segment conveys whether health insurance coverage is available for dependents.
2/1500 The EMS segment gives the status of employment.

561 - Contract Abstract

FUNCTIONAL GROUP=**D4**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Contract Abstract Transaction Set (561) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to abstract a new contract, abstract a change in terms of a previously abstracted contract, or to correct a previously transmitted abstract. This bi-directional transaction set includes the information necessary to administer a contract, including modifications and corrections to that contract, and provides an acknowledgment mechanism to enable management of the contract administration process. This transaction set is typically used internally within a business entity as a post-award management report, when the purchasing and contract administration functions are separated within that entity.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	N9	Extended Reference Information	O	1	
	LOOP ID - LM					>1
N	0400	LM	Code Source Information	O	1	
	0500	LQ	Industry Code Identification	M	100	
	LOOP ID - N1					>1
N	0600	N1	Party Identification	O	1	
	0700	N2	Additional Name Information	O	2	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	1	
	1000	G61	Contact	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					>1
	0100	HL	Hierarchical Level	M	1	
N	0200	CS	Contract Summary	O	1	
	0300	G62	Date/Time	O	2	
	0400	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	0500	PO1	Baseline Item Data	O	1	
	0600	SLN	Subline Item Detail	O	1	
	0700	N9	Extended Reference Information	O	10	
	0800	AMT	Monetary Amount Information	O	1	
N	0900	PCT	Percent Amounts	O	2	
	1000	PID	Product/Item Description	O	10	
	LOOP ID - FA1					>1
	1110	FA1	Type of Financial Accounting Data	O	1	
	1120	FA2	Accounting Data	M	>1	

	1200	AMT	Monetary Amount Information	O	2	
	1300	N9	Extended Reference Information	O	1	
LOOP ID - LM						>1
	1400	LM	Code Source Information	O	1	
	1500	LQ	Industry Code Identification	M	100	
LOOP ID - N1						>1
N	1600	N1	Party Identification	O	1	
	1700	N2	Additional Name Information	O	2	
	1800	N3	Party Location	O	2	
	1900	N4	Geographic Location	O	1	
	2000	G61	Contact	O	1	
LOOP ID - SCH						>1
	2100	SCH	Line Item Schedule	O	1	
LOOP ID - N1						>1
N	2200	N1	Party Identification	O	1	
	2300	N2	Additional Name Information	O	2	
	2400	N3	Party Location	O	2	
	2500	N4	Geographic Location	O	1	
LOOP ID - RRE						>1
N	2600	RRE	Contract Related Error Reporting	O	1	
	2700	REF	Reference Information	O	>1	
	2800	PO1	Baseline Item Data	O	>1	
	2900	DTM	Date/Time Reference	O	>1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

1/0400 The LM loop identifies industry code data unique to the transaction set.

1/0600 The N1 loop carries address information such as the purchasing party and the contract administration office.

2/0200 The CS segment carries the details of a specific contract.

2/0900 To carry the percent variation in quantity over and under for a specified deliverable quantity of an item.

2/1600 The N1 loop carries address information about the contractor, paying office, accounting station, and inventory control point.

2/2200 The N1 loop carries address information for each delivery location.

2/2600 The RRE loop is used to report errors in the contract.

3/0100 CTT01 is the number of iterations of HL segment. If used, CTT02 is the hash total of the values found in quantity ordered (PO102) for each PO1 segment. See data element 347 for proper hashing technique.

567 - Contract Completion Status

FUNCTIONAL GROUP=**D3**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Contract Completion Status Transaction Set (567) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to report administrative closure status on completed contracts. The originator can use this transaction set to close contract files, to indicate why contract files will not be closed within established milestones, or to extend contract closeout milestone dates.

This transaction set may be used to convey contract summary data, financial information, dates pertinent to the administrative closing of a contract file, and logistics information necessary to evaluate contract closeout status.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	BC	Beginning Segment for Contract Completion Status	M	1	
	0300	N1	Party Identification	O	2	
	0400	G61	Contact	O	1	
	0450	NTE	Note/Special Instruction	O	100	
	LOOP ID - CS					100
N	0500	CS	Contract Summary	M	1	
N	0600	AMT	Monetary Amount Information	O	1	
N	0700	N9	Extended Reference Information	O	1	
	0800	G62	Date/Time	O	3	
	0850	G61	Contact	O	1	
	0900	NTE	Note/Special Instruction	O	5	
	LOOP ID - LM					10
N	1000	LM	Code Source Information	O	1	
	1100	LQ	Industry Code Identification	M	100	
	LOOP ID - N1					10
	1200	N1	Party Identification	O	1	
	1300	N2	Additional Name Information	O	2	
	1400	N3	Party Location	O	2	
	1500	N4	Geographic Location	O	1	
	1600	SE	Transaction Set Trailer	M	1	

Notes

1/0200 The BC segment can carry a transaction reference number and a reference to a previous transaction number.

1/0500 The CS loop carries the details of the contract(s) being reported and the logistics management information relative to the administrative closeout of the contract(s).

1/0600 The AMT segment carries the amount of obligated dollars which remain unliquidated, if any existed, at the time the contract was administratively closed.

1/0700 The N9 segment contains the number of the last payment voucher applicable to the reported contract.

1/1000 The LM loop identifies logistic data unique to each use of the CS loop.

568 - Contract Payment Management Report

FUNCTIONAL GROUP=**D5**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Contract Payment Management Report Transaction Set (568) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable the transmission of a management report to provide the details of payments and collections made against funds obligated on contracts, orders, and other services.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	BGN	Beginning Segment	M	1	
N	0300	AMT	Monetary Amount Information	M	2	
	LOOP ID - N1					10
N	0400	N1	Party Identification	O	1	
	0500	N2	Additional Name Information	O	2	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	
N	0800	PER	Administrative Communications Contact	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - CS					>1
N	0100	CS	Contract Summary	O	1	
N	0200	N9	Extended Reference Information	O	3	
N	0300	DTM	Date/Time Reference	O	1	
	LOOP ID - LM					10
N	0400	LM	Code Source Information	O	1	
N	0500	LQ	Industry Code Identification	M	100	
	LOOP ID - REF					>1
N	0600	REF	Reference Information	O	1	
	LOOP ID - LX					>1
	0800	LX	Transaction Set Line Number	O	1	
N	0900	N9	Extended Reference Information	M	1	
N	1000	AMT	Monetary Amount Information	O	>1	
N	1100	QTY	Quantity Information	O	1	
	LOOP ID - LM					10
	1200	LM	Code Source Information	O	1	
N	1300	LQ	Industry Code Identification	M	100	
	LOOP ID - N1					1
N	1400	N1	Party Identification	O	1	
	1500	N2	Additional Name Information	O	2	
	1600	N3	Party Location	O	2	
	1700	N4	Geographic Location	O	1	

N	1800	N9	Extended Reference Information	O	2		
	LOOP ID - FA1					>1	
	1850	FA1	Type of Financial Accounting Data	O	1		
	1860	FA2	Accounting Data	M	>1		
	LOOP ID - BAL						>1
	1900	BAL	Balance Detail	O	1		
	2000	N9	Extended Reference Information	O	>1		
	2100	RTE	Rate Information	O	>1		

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

1/0200 The BGN segment identifies the transaction set purpose code, a unique number used to identify this transmission, and the date and time of transaction set creation.

1/0300 The AMT segment identifies the collected amount and the disbursed amount to the extent that either amount applies to the transaction set.

1/0400 The N1 loop identifies the name and address information for the transmitting and receiving parties.

1/0800 The PER segment identifies the name and communications number of an information point of contact familiar with the details of the contract payment management report.

2/0100 The CS segment identifies the contract, modification, call, and order number of the procurement instrument, and the voucher number of the payment being reported on in this contract payment management report.

2/0200 The N9 segment identifies the number of the original voucher on which a payment was made if the voucher being reported on in this transmission is a change, correction, or adjustment to that previous voucher.

2/0300 The DTM segment identifies the date of the voucher being reported on in this transmission.

2/0400 The LM loop provides the capability to transmit industry-specific codes from an industry-specific code list.

2/0500 The LQ segment identifies the industry-specific codes.

2/0600 The REF segment identifies a reference number associated with the following appropriation data.

2/0900 The N9 segment identifies a contract line item, exhibit line item, or subclassification of either against which specific data is being reported.

2/1000 The AMT segment identifies the gross, net, deducted, or collected amounts and the net variance amount applicable to the line item being reported.

2/1100 The QTY segment identifies the quantity shipped.

2/1300 The LQ segment identifies industry-specific codes applicable to the line item.

2/1400 The N1 loop identifies address information for a quantity delivered in a specific shipment, to a specific ship-to address.

2/1800 The N9 segment identifies the shipment identification number and suffix number, if one exists, for the shipment which resulted in the voucher action.

3/0100 CTT01 identifies the number of CS segments used in the transaction. If used, CTT02 is the hash total of the values found in monetary amount (AMT02) for each AMT segment at position 100 in table 2. See data element 347 for proper hashing technique.

601 - Customs Export Shipment Information

FUNCTIONAL GROUP=**SE**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Customs Export Shipment Information Transaction Set (601) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by exporters or their agents, carriers, and service providers to transmit export shipment information to Customs agencies.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
LOOP ID - BA1					999
0200	BA1	Export Shipment Identifying Information	M	1	
0250	YNQ	Yes/No Question	O	10	
0300	V5	Vessel Identification	O	1	
0400	DTM	Date/Time Reference	O	1	
0500	P5	Port Function	O	2	
0600	REF	Reference Information	O	9	
0700	M12	In-bond Identifying Information	O	1	
0800	VID	Conveyance Identification	O	999	
LOOP ID - N1					10
1000	N1	Party Identification	M	1	
1100	N2	Additional Name Information	O	2	
1150	N3	Party Location	O	2	
1200	N4	Geographic Location	O	1	
LOOP ID - L13					999
1300	L13	Commodity Details	O	1	
1400	MAN	Marks and Numbers Information	O	999	
1500	X1	Export License	O	1	
1600	VEH	Vehicle Information	O	9999	
LOOP ID - N1					10
1700	N1	Party Identification	O	1	
1800	N2	Additional Name Information	O	2	
1900	N4	Geographic Location	O	1	
2000	SE	Transaction Set Trailer	M	1	

603 - Transportation Equipment Registration

FUNCTIONAL GROUP=**EO**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of a Transportation Equipment Registration Transaction Set (603) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used between transportation equipment owners or controllers and transportation services providers or other interested parties to provide a fleet listing of owned/controlled equipment and their physical attributes such as length, width, and height.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
LOOP ID - N1					5
0300	N1	Party Identification	O	1	
0400	N2	Additional Name Information	O	1	
0500	N3	Party Location	O	1	
0600	N4	Geographic Location	O	1	
0700	PER	Administrative Communications Contact	O	1	
LOOP ID - N21					9999
0800	N21	Equipment Registration Details	M	1	
0900	VEH	Vehicle Information	O	1	
1000	DTM	Date/Time Reference	O	10	
1100	MEA	Measurements	O	20	
1200	N9	Extended Reference Information	O	20	
1300	LQ	Industry Code Identification	O	20	
1400	YNQ	Yes/No Question	O	10	
1500	SE	Transaction Set Trailer	M	1	

620 - Excavation Communication

FUNCTIONAL GROUP=**EX**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Excavation Communication Transaction Set (620) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to communicate information related to excavations for the purposes of attaining either clearance for the excavation or to have the potentially impacted parties locate any affected assets and supervise the excavation process or both.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	N1	Party Identification	M	2	
	0400	REF	Reference Information	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - EXI					>1
	0100	EXI	Excavation Ticket Information	M	1	
N	0200	DTM	Date/Time Reference	M	4	
	0300	PER	Administrative Communications Contact	O	1	
	0400	NX2	Location ID Component	O	>1	
	0500	PPA	Property Location	O	>1	
	0600	MTX	Text	O	1	
	0700	MEA	Measurements	O	>1	
	LOOP ID - N1					>1
N	0800	N1	Party Identification	M	1	
	0900	N2	Additional Name Information	O	1	
	1000	N3	Party Location	O	2	
	1100	N4	Geographic Location	O	1	
	1200	MSG	Message Text	O	2	
	1300	PER	Administrative Communications Contact	O	2	
	1400	DTM	Date/Time Reference	O	1	
	LOOP ID - LIE					>1
N	1500	LIE	Individual or Event Location	O	1	
	1600	PPA	Property Location	M	>1	
	LOOP ID - LM					>1
N	1700	LM	Code Source Information	O	1	
	1800	LQ	Industry Code Identification	M	>1	
	1900	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The N1 segment is used to identify the sender and receiver.

2/0200 The originator of the transaction set must use one iteration of the DTM segment to identify the ticket creation date or positive response creation date.
2/0200 The receiver will use the additional iterations of the DTM to define a date and time of forwarding creation.
2/0800 The N1 segment is used to identify parties associated with the excavation.
2/1500 The LIE loop is used to provide physical location information related to the excavation
2/1700 The LM segment is used to identify the one call agency.

625 - Well Information

FUNCTIONAL GROUP=**WL**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data content of the Well Information Transaction Set (625) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set facilitates the exchange of engineering, geological and environmental information related to non-financial well activities. The transaction set can be used between private industry trading partners to relay information about joint venture well activities or between private industry and government agencies.

This transaction set shall not be used to relay financial information such as regulatory royalty payment information or costs associated with well activities.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - HL					>1
N	0300	HL	Hierarchical Level	M	1	
N	0400	PID	Product/Item Description	O	1	
	0500	DTP	Date or Time or Period	O	>1	
	0600	REF	Reference Information	O	>1	
N	0700	YNQ	Yes/No Question	O	>1	
	0800	MTX	Text	O	>1	
	LOOP ID - LIE					>1
N	0900	LIE	Individual or Event Location	O	1	
N	1000	PPA	Property Location	M	>1	
N	1100	MEA	Measurements	O	>1	
	LOOP ID - CID					>1
N	1200	CID	Characteristic/Class ID	O	1	
N	1300	QTY	Quantity Information	O	>1	
N	1400	MEA	Measurements	O	>1	
	LOOP ID - N1					>1
	1500	N1	Party Identification	O	1	
	1600	N2	Additional Name Information	O	1	
	1700	N3	Party Location	O	1	
	1800	N4	Geographic Location	O	1	
	1900	PER	Administrative Communications Contact	O	>1	
	LOOP ID - LM					>1
	2000	LM	Code Source Information	O	1	
	2100	LQ	Industry Code Identification	M	>1	
	2200	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The HL segment identifies the appropriate level: Report, Contract, Operating Unit, Ancillary Facility, Well, Wellbore, and Well Completion.

1/0400 The PID segment, when used, identifies a component and its accompanying description if needed, for the associated hierarchical level.

1/0700 The YNQ segment provides responses to conditions relevant to the associated hierarchical level.

1/0900 The LIE Loop is used to provide physical location information related to the associated hierarchical level.

1/1000 The PPA segment is used to relay descriptive information about a location.

1/1100 The MEA segment shall only be used to relay measurement information (e.g., 660 feet from section line) associated with a physical location.

1/1200 The CID Loop shall only be used to identify non-location related attributes (e.g., the evaporation rate, the number of producing wells, blowout preventor test pressure measurement) of the associated hierarchical level or a component of the hierarchical level.

1/1300 The QTY segment is used to relay quantities or counts associated with the physical characteristics of a well.

1/1400 The MEA segment shall only be used to relay any physical measurements related to the physical characteristics of a well.

650 - Maintenance Service Order

FUNCTIONAL GROUP=**MO**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes then data contents of the Maintenance Service Order Transaction Set (650) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides a uniform, singular medium for the exchange of maintenance related information among organizations involved in the reporting, requesting, scheduling, planning, estimating, coordinating and performing of maintenance actions. It provides the structure to convey maintenance-related information, including maintenance action directives, maintenance actions, cost estimates, maintenance action assignments, maintenance action status, and completion reports. This transaction set can be used in a bi-directional environment alone or in conjunction with the Project Schedule Reporting Transaction Set (806) to linkschedule and maintenance action information as well as with the Specifications/Technical Information Transaction Set (841) to linkmaintenance-related, media independent, technical data.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	REF	Reference Information	O	>1	
	0400	DTM	Date/Time Reference	O	>1	
	LOOP ID - N1					>1
N	0500	N1	Party Identification	O	1	
	0600	N2	Additional Name Information	O	2	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	0900	PER	Administrative Communications Contact	O	>1	
	1000	REF	Reference Information	O	>1	
	LOOP ID - LM					>1
	1100	LM	Code Source Information	O	1	
	1200	LQ	Industry Code Identification	M	>1	
	1300	PER	Administrative Communications Contact	O	>1	
	1400	REF	Reference Information	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					>1
N	0100	HL	Hierarchical Level	M	1	
	0200	SPI	Specification Identifier	O	1	
	0300	REF	Reference Information	O	>1	
	0400	LIN	Item Identification	O	>1	
	0500	DTM	Date/Time Reference	O	>1	
	0600	QTY	Quantity Information	O	>1	

N	0700	YNQ	Yes/No Question	O	>1	
	0800	AMT	Monetary Amount Information	O	>1	
	0900	PCT	Percent Amounts	O	>1	
	1000	MEA	Measurements	O	>1	
	LOOP ID - CLI					>1
	1100	CLI	Cost Line Item	O	1	
	1200	QTY	Quantity Information	O	>1	
	1300	AMT	Monetary Amount Information	O	>1	
	1400	RPA	Rate Amounts or Percents	O	>1	
	LOOP ID - LM					>1
N	1500	LM	Code Source Information	O	1	
	1600	LQ	Industry Code Identification	M	>1	
	1700	REF	Reference Information	O	>1	
	1800	DTM	Date/Time Reference	O	>1	
	LOOP ID - NM1					>1
N	1900	NM1	Individual or Organizational Name	O	1	
	2000	N2	Additional Name Information	O	2	
	2100	N3	Party Location	O	2	
	2200	N4	Geographic Location	O	1	
	2300	COM	Communication Contact Information	O	>1	
	2400	REF	Reference Information	O	>1	
	LOOP ID - MTX					>1
	2500	MTX	Text	O	1	
	2600	DTM	Date/Time Reference	O	>1	
	2700	NM1	Individual or Organizational Name	O	>1	
	2800	REF	Reference Information	O	>1	
	2900	SE	Transaction Set Trailer	M	1	

Notes

1/0500 The N1 segment identifies the organization originating and receiving the transaction set.

2/0100 The HL levels are group workcandidate and workcandidate. Valid HL parent-child relationships are 1) group workcandidate-group workcandidate and 2) group work candidate-workcandidate.

2/0700 The YNQ segment identifies conditions related to a maintenance or repair requirement.

2/1500 The LM loop identifies management data that pertains to each use of the HL loop.

2/1900 The NM1 segment identifies individuals and organizations involved in identifying, coordinating or performing maintenance.

715 - Intermodal Group Loading Plan

FUNCTIONAL GROUP=**GL**
SUBCOMMITTEE=**I**

This X12 Transaction Set provides the format and establishes the data contents of the Intermodal Group Loading Plan Transaction Set (715) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by intermodal or domestic shippers and carriers to provide detailed information on the stowage of containers and other equipment aboard a train. The stowage information may be planned or actual and may be by block or by railcar.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	GR2	Train Data	M	1	
N	0400	V1	Vessel Identification	O	1	
	0450	N4	Geographic Location	O	1	
	LOOP ID - GR4					100
	0500	GR4	Loading Cluster	M	1	
	0600	REF	Reference Information	O	5	
	LOOP ID - N7					9999
	0700	N7	Equipment Details	O	1	
	0800	GR5	Loading Details	O	10	
	0900	V1	Vessel Identification	O	1	
	0950	N4	Geographic Location	O	1	
	1000	R4	Port or Terminal	O	10	
	1100	REF	Reference Information	O	5	
	1200	SE	Transaction Set Trailer	M	1	

Notes

1/0400 The V1 and N4 in positions 040 and 045 and in positions 090 and 095 are mutually exclusive.

753 - Request for Routing Instructions

FUNCTIONAL GROUP=**RF**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Request for Routing Instructions Transaction Set (753) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to request routing instructions and provide general information about merchandise that is ready to be shipped.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	PER	Administrative Communications Contact	O	1	
N	0350	YNQ	Yes/No Question	O	1	
	LOOP ID - 0100					1
N	0400	N1	Party Identification	M	1	
	0500	N2	Additional Name Information	O	1	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	LX	Transaction Set Line Number	M	1	
	LOOP ID - 0200					9999
N	0200	N1	Party Identification	M	1	
	0300	N2	Additional Name Information	O	1	
	0400	N3	Party Location	O	2	
	0500	N4	Geographic Location	O	1	
	0600	L11	Business Instructions and Reference Number	O	5	
	0700	G62	Date/Time	O	2	
	0800	USI	Unitized Shipment Information	O	1	
N	0850	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
	LOOP ID - 0205					>1
	0875	CMC	Commodity Classification	O	1	
N	0880	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
	LOOP ID - 0210					>1
N	0900	OID	Order Information Detail	O	1	
	1000	CMC	Commodity Classification	O	1	
N	1050	YNQ	Yes/No Question	O	1	
	1100	SE	Transaction Set Trailer	M	1	

Notes

1/0350 The YNQ segment shall be used when the shipment has one or more non-unitized containers with more than one purchase order.

1/0400 One iteration of the N1 segment must be used to identify the ship-from location.

2/0200 One iteration of the N1 segment must be used to identify the ship-to location.
2/0850 Segment AT8 provides the total weight, quantity and volume pertaining to the shipment.
2/0880 Segment AT8 provides the total weight, quantity and volume pertaining to the preceding CMC Commodity Classification.
2/0900 The 0210 loop is used to specify the quantities ready to ship for each purchase order.
2/1050 The YNQ segment shall be used to identify an order that shares a non-unitized container with another order.

754 - Routing Instructions

FUNCTIONAL GROUP=**RG**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Routing Instructions Transaction Set (754) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to communicate routing instructions to a supplier for a specific shipment. It can be used also to respond to a Request for Routing Instructions Transaction Set (753).

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	PER	Administrative Communications Contact	O	5	
	0320	G62	Date/Time	O	5	
	0340	MTX	Text	O	5	
	0360	L11	Business Instructions and Reference Number	O	>1	
	0380	TD1	Carrier Details (Quantity and Weight)	O	>1	
	LOOP ID - 0100					5
N	0400	N1	Party Identification	M	1	
	0500	N2	Additional Name Information	O	1	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0200					9999
N	0100	LX	Transaction Set Line Number	O	1	
	0200	L11	Business Instructions and Reference Number	O	5	
	0300	BLR	Transportation Carrier Identification	O	1	
	0350	SMD	Consolidated Shipment Manifest Data	O	5	
	LOOP ID - 0204					>1
	0400	OID	Order Information Detail	O	1	
	LOOP ID - 0206					>1
	0410	PO1	Baseline Item Data	O	1	
	0420	PID	Product/Item Description	O	5	
	0424	PKG	Marking, Packaging, Loading	O	1	
	0426	PAL	Pallet Type and Load Characteristics	O	1	
	0500	G62	Date/Time	O	2	
	0600	MSI	Multi-stop Shipment Information	O	1	
	LOOP ID - 0210					25
	0700	QTY	Quantity Information	O	1	
	0800	AT9	Trailer or Container Dimension and Weight	O	1	
	LOOP ID - 0220					1
	0900	N1	Party Identification	O	1	

1000	N2	Additional Name Information	O	1	
1100	N3	Party Location	O	2	
1200	N4	Geographic Location	O	1	
1220	PER	Administrative Communications Contact	O	5	
1240	MTX	Text	O	5	
1400	LS	Loop Header	O	1	
LOOP ID - 0300					>1
1600	LX	Transaction Set Line Number	O	1	
1700	S5	Stop-off Details	O	1	
1720	MTX	Text	O	5	
1740	L11	Business Instructions and Reference Number	O	10	
1760	BLR	Transportation Carrier Identification	O	1	
1800	SMD	Consolidated Shipment Manifest Data	O	5	
1820	FOB	F.O.B. Related Instructions	O	1	
1840	G62	Date/Time	O	5	
LOOP ID - 0310					>1
1900	N1	Party Identification	O	1	
2000	R4	Port or Terminal	O	1	
2100	N2	Additional Name Information	O	1	
2200	N3	Party Location	O	2	
2300	N4	Geographic Location	O	1	
2400	PER	Administrative Communications Contact	O	5	
LOOP ID - 0400					>1
3200	PKD	Packaging Description	O	1	
3300	SN1	Item Detail (Shipment)	O	1	
3400	PAL	Pallet Type and Load Characteristics	O	1	
3500	L11	Business Instructions and Reference Number	O	10	
3600	MAN	Marks and Numbers Information	O	>1	
LOOP ID - 0450					>1
3800	OID	Order Information Detail	O	1	
3900	REF	Reference Information	O	>1	
4000	G62	Date/Time	O	5	
4100	PKG	Marking, Packaging, Loading	O	5	
4200	PAL	Pallet Type and Load Characteristics	O	1	
4300	MAN	Marks and Numbers Information	O	>1	
LOOP ID - 0455					>1
4500	PO1	Baseline Item Data	O	1	
4600	PKG	Marking, Packaging, Loading	O	5	
4700	PID	Product/Item Description	O	5	
5000	LE	Loop Trailer	O	1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

Notes

1/0400 One iteration of the N1 segment must be used to identify the ship-from location.

2/0100 Either the 0200 loop or the 0300 loop must be used, but both loops must not be used within a single transaction set.

805 - Contract Pricing Proposal

FUNCTIONAL GROUP=**CP**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Contract Pricing Proposal Transaction Set (805) cover sheet and pricing support detail for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set enables the transmission of cost and pricing data for a given contract action and provides pricing support detail data or references where that data can be found in the proposal.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BCP	Beginning Segment for Contract Pricing Proposal	M	1	
	0300	SPI	Specification Identifier	M	1	
	0400	MTX	Text	O	>1	
	0500	CUR	Currency	O	1	
	LOOP ID - N1					>1
N	0600	N1	Party Identification	O	1	
	0700	N2	Additional Name Information	O	2	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	1	
	1000	DTM	Date/Time Reference	O	2	
	1100	G61	Contact	O	2	
	LOOP ID - CBS					>1
	1200	CBS	Cost Breakdown Structure	O	1	
	1300	JIL	Line Item Detail for the Operating Expense Statement	O	1	
	1400	LIN	Item Identification	O	1	
	1500	MTX	Text	O	>1	
	LOOP ID - CB1					>1
N	1600	CB1	Contract and Cost Accounting Standards Data	O	1	
	1700	MTX	Text	O	>1	
	1800	N9	Extended Reference Information	O	>1	
	LOOP ID - N1					>1
N	1900	N1	Party Identification	O	1	
	2000	N2	Additional Name Information	O	2	
	2100	N3	Party Location	O	2	
	2200	N4	Geographic Location	O	1	
	2300	DTM	Date/Time Reference	O	2	
	2400	G61	Contact	O	1	
	LOOP ID - REF					>1
	2500	REF	Reference Information	O	1	
	2600	DTM	Date/Time Reference	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	PL	Proposal Cost Logic	O	>1	
LOOP ID - HL						>1
	0200	HL	Hierarchical Level	O	1	
	0300	REF	Reference Information	O	1	
LOOP ID - PD						>1
N	0400	PD	Pricing Data	O	1	
	0450	SPI	Specification Identifier	O	1	
	0500	REF	Reference Information	O	5	
	0600	PDD	Pricing Data Detail	O	>1	
	0700	MTX	Text	O	>1	
LOOP ID - N1						>1
N	0800	N1	Party Identification	O	1	
	0900	N2	Additional Name Information	O	2	
	1000	N3	Party Location	O	2	
	1100	N4	Geographic Location	O	1	
	1200	REF	Reference Information	O	>1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LX						2
	0100	LX	Transaction Set Line Number	O	1	
	0200	G61	Contact	O	1	
N	0300	AMT	Monetary Amount Information	O	4	
	0400	SE	Transaction Set Trailer	M	1	

Notes

1/0600 When the N1 loop is used, it will carry the name and address of a party pertinent to the proposal, such as the proposing party, the place(s) of performance, the contract administration, and auditing offices.

1/1600 When CB101 is code "01", "05", "08", "10", "11", "12", "14" or "17", discussion will be carried in the MSG segment in the CB1 loop; numbers and their text descriptions will be carried in the N9 segment of the CB1 loop.

1/1900 When the N1 loop is used, it will carry the name and address of a party needed to clarify a response to a question answered in the CB1 loop, such as party for whom the same or a similar item as the one being proposed, has been previously produced.

2/0400 PD03 is the unit of measurement for the data contained in the PD loop.

2/0800 When the N1 loop is used, it will carry the name and address of a party related to the proposal data such as a major subcontractor whose cost or price information has been rolled up into this price proposal.

3/0300 When the AMT segment is used, it can carry amounts such as the proposed cost, total proposed fee, total proposed profit, total cost of money, total proposed price or alternate proposed price.

806 - Project Schedule Reporting

FUNCTIONAL GROUP=**PJ**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Project Schedule Reporting Transaction Set (806) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides for the transmission of planning, scheduling, and status information. The purpose of this transaction set is to establish an initial plan, report progress against the plan, and report changes to the plan. It is designed to serve the needs of government agencies, prime contractors and their subcontractors.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BPP	Beginning Segment for Project Schedule Reporting	M	1	
0300	REF	Reference Information	O	>1	
LOOP ID - N1					>1
0400	N1	Party Identification	O	1	
0500	N2	Additional Name Information	O	2	
0600	N3	Party Location	O	2	
0700	N4	Geographic Location	O	1	
0800	REF	Reference Information	O	>1	
0900	PER	Administrative Communications Contact	O	>1	
1000	DTM	Date/Time Reference	O	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - CAL					>1
0100	CAL	Calendar	O	1	
0200	QTY	Quantity Information	O	>1	
0300	DTM	Date/Time Reference	O	>1	
LOOP ID - RSC					>1
0400	RSC	Resource	O	1	
0500	REF	Reference Information	O	>1	
0600	DTM	Date/Time Reference	O	>1	
0700	QTY	Quantity Information	O	>1	
0800	AMT	Monetary Amount Information	O	>1	
0900	PCT	Percent Amounts	O	>1	
1000	RPA	Rate Amounts or Percents	O	>1	
LOOP ID - TID					>1
1100	TID	Task Identification	O	1	
1200	REF	Reference Information	O	>1	
1300	DTM	Date/Time Reference	O	>1	
1400	QTY	Quantity Information	O	>1	
1500	AMT	Monetary Amount Information	O	>1	

1600	PCT	Percent Amounts	O	>1	
1700	N1	Party Identification	O	>1	
1800	PER	Administrative Communications Contact	O	>1	
1900	PID	Product/Item Description	O	>1	
LOOP ID - MTX					>1
2010	MTX	Text	O	1	
2020	DTM	Date/Time Reference	O	>1	
2030	NM1	Individual or Organizational Name	O	>1	
2040	REF	Reference Information	O	>1	
LOOP ID - RSC					>1
2100	RSC	Resource	O	1	
2200	REF	Reference Information	O	>1	
2300	DTM	Date/Time Reference	O	>1	
2400	QTY	Quantity Information	O	>1	
2500	AMT	Monetary Amount Information	O	>1	
2600	PCT	Percent Amounts	O	>1	
2700	RPA	Rate Amounts or Percents	O	>1	
2800	PAM	Period Amount	O	>1	
LOOP ID - MLS					>1
2900	MLS	Milestone	O	1	
3000	REF	Reference Information	O	>1	
3100	DTM	Date/Time Reference	O	>1	
3200	QTY	Quantity Information	O	>1	
3300	AMT	Monetary Amount Information	O	>1	
3400	PCT	Percent Amounts	O	>1	
3500	SE	Transaction Set Trailer	M	1	

810 - Invoice

FUNCTIONAL GROUP=**IN**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BIG	Beginning Segment for Invoice	M	1	
0300	NTE	Note/Special Instruction	O	100	
0400	CUR	Currency	O	1	
0500	REF	Reference Information	O	>1	
0550	YNQ	Yes/No Question	O	10	
0600	PER	Administrative Communications Contact	O	3	
LOOP ID - N1					>1
0700	N1	Party Identification	O	1	
0800	N2	Additional Name Information	O	2	
0900	N3	Party Location	O	2	
1000	N4	Geographic Location	O	1	
1100	REF	Reference Information	O	12	
1200	PER	Administrative Communications Contact	O	3	
1250	DMG	Demographic Information	O	1	
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
1400	DTM	Date/Time Reference	O	10	
1500	FOB	F.O.B. Related Instructions	O	1	
1600	PID	Product/Item Description	O	200	
1700	MEA	Measurements	O	40	
1800	PWK	Paperwork	O	25	
1900	PKG	Marking, Packaging, Loading	O	25	
2000	L7	Tariff Reference	O	1	
2120	BAL	Balance Detail	O	>1	
2130	INC	Installment Information	O	1	
2140	PAM	Period Amount	O	>1	
2145	CRC	Conditions Indicator	O	1	
2150	MTX	Text	O	5	
LOOP ID - LM					10
2200	LM	Code Source Information	O	1	
2300	LQ	Industry Code Identification	M	100	
LOOP ID - N9					1
2400	N9	Extended Reference Information	O	1	
2500	MSG	Message Text	M	10	

LOOP ID - V1					>1
	2600	V1	Vessel Identification	O	1
	2700	R4	Port or Terminal	O	>1
	2800	DTM	Date/Time Reference	O	>1
LOOP ID - FA1					>1
	2900	FA1	Type of Financial Accounting Data	O	1
	3000	FA2	Accounting Data	M	>1

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - IT1						>1
	0100	IT1	Baseline Item Data (Invoice)	O	1	
	0120	CRC	Conditions Indicator	O	1	
N	0150	QTY	Quantity Information	O	5	
	0200	CUR	Currency	O	1	
	0300	IT3	Additional Item Data	O	5	
	0400	TXI	Tax Information	O	>1	
	0500	CTP	Pricing Information	O	25	
	0550	PAM	Period Amount	O	10	
	0590	MEA	Measurements	O	40	
LOOP ID - PID						1000
	0600	PID	Product/Item Description	O	1	
	0700	MEA	Measurements	O	10	
	0800	PWK	Paperwork	O	25	
	0900	PKG	Marking, Packaging, Loading	O	25	
	1000	PO4	Item Physical Details	O	1	
	1100	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	1200	REF	Reference Information	O	>1	
	1250	YNQ	Yes/No Question	O	10	
	1300	PER	Administrative Communications Contact	O	5	
	1400	SDQ	Destination Quantity	O	>1	
	1500	DTM	Date/Time Reference	O	10	
	1600	CAD	Carrier Details	O	>1	
	1700	L7	Tariff Reference	O	>1	
	1750	SR	Requested Service Schedule	O	1	
LOOP ID - SAC						>1
	1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
LOOP ID - TXI						>1
	1900	TXI	Tax Information	O	1	
	1950	DTM	Date/Time Reference	O	1	
LOOP ID - SLN						1000
	2000	SLN	Subline Item Detail	O	1	
	2050	DTM	Date/Time Reference	O	1	
	2100	REF	Reference Information	O	>1	
	2200	PID	Product/Item Description	O	1000	
	2300	SAC	Service, Promotion, Allowance, or Charge Information	O	>1	

2350	TC2	Commodity	O	2	
2370	TXI	Tax Information	O	>1	
LOOP ID - N1					200
2400	N1	Party Identification	O	1	
2500	N2	Additional Name Information	O	2	
2600	N3	Party Location	O	2	
2700	N4	Geographic Location	O	1	
2800	REF	Reference Information	O	12	
2900	PER	Administrative Communications Contact	O	3	
2950	DMG	Demographic Information	O	1	
LOOP ID - LM					10
3000	LM	Code Source Information	O	1	
3100	LQ	Industry Code Identification	M	100	
LOOP ID - V1					>1
3200	V1	Vessel Identification	O	1	
3300	R4	Port or Terminal	O	>1	
3400	DTM	Date/Time Reference	O	>1	
LOOP ID - FA1					>1
3500	FA1	Type of Financial Accounting Data	O	1	
3600	FA2	Accounting Data	M	>1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	TDS	Total Monetary Value Summary	M	1	
	0200	TXI	Tax Information	O	>1	
	0300	CAD	Carrier Details	O	1	
	0350	AMT	Monetary Amount Information	O	>1	
	LOOP ID - SAC					>1
	0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
	0450	DTM	Date/Time Reference	O	>1	
	LOOP ID - TXI					>1
	0500	TXI	Tax Information	O	1	
	0550	DTM	Date/Time Reference	O	1	
	LOOP ID - ISS					>1
	0600	ISS	Invoice Shipment Summary	O	1	
	0650	PID	Product/Item Description	O	1	
N	0700	CTT	Transaction Totals	O	1	
	0800	SE	Transaction Set Trailer	M	1	

Notes

2/0150 The QTY segment is used to specify a quantity of units which are expected as payments, e.g., trade-ins or returns.

3/0700 Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used CTT02 is the hash total of the quantities invoiced (IT102) for each IT1 segment.

811 - Consolidated Service Invoice/Statement

FUNCTIONAL GROUP=**CI**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Consolidated Service Invoice/Statement Transaction Set (811) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides for the billing or reporting of complex and structured service invoice/statement detail.

This standard can be used by organizations who are interested in sending or receiving either consolidated or standalone invoices for service arrangements which require processing other than that done for the typical product invoice.

The Consolidated Service Invoice/Statement can be used as a credit/debit memo to differentiate between payable invoice items and information-only memo items. This transaction set should not be used as a standalone notification of a credit/debit adjustment.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BIG	Beginning Segment for Invoice	M	1	
0300	NTE	Note/Special Instruction	O	100	
0400	CUR	Currency	O	1	
0500	REF	Reference Information	O	>1	
0600	PER	Administrative Communications Contact	O	3	
0700	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
0800	DTM	Date/Time Reference	O	10	
0900	TXI	Tax Information	O	>1	
LOOP ID - N1					>1
1000	N1	Party Identification	O	1	
1100	N2	Additional Name Information	O	2	
1200	N3	Party Location	O	2	
1300	N4	Geographic Location	O	1	
1400	REF	Reference Information	O	12	
1500	PER	Administrative Communications Contact	O	3	
1550	DMG	Demographic Information	O	1	
LOOP ID - FA1					>1
1700	FA1	Type of Financial Accounting Data	O	1	
1800	FA2	Accounting Data	M	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - HL					>1
0100	HL	Hierarchical Level	M	1	
LOOP ID - LX					>1

	0200	LX	Transaction Set Line Number	O	1	
	0250	VEH	Vehicle Information	O	1	
	0300	SI	Service Characteristic Identification	O	8	
	0350	IPU	Insurance Policy Update Information	O	1	
	0360	YNQ	Yes/No Question	O	5	
	0400	PID	Product/Item Description	O	200	
	0450	MEA	Measurements	O	20	
	0500	REF	Reference Information	O	>1	
	0600	AMT	Monetary Amount Information	O	>1	
	0700	DTM	Date/Time Reference	O	8	
	0800	TXI	Tax Information	O	>1	
LOOP ID - QTY						10
	0900	QTY	Quantity Information	O	1	
	1000	SI	Service Characteristic Identification	O	1	
LOOP ID - NM1						>1
	1100	NM1	Individual or Organizational Name	O	1	
	1200	N2	Additional Name Information	O	2	
	1300	N3	Party Location	O	2	
	1400	N4	Geographic Location	O	1	
	1500	REF	Reference Information	O	>1	
	1600	PER	Administrative Communications Contact	O	>1	
	1700	TXI	Tax Information	O	>1	
	1750	DMG	Demographic Information	O	1	
LOOP ID - ITA						>1
	1800	ITA	Allowance, Charge or Service	O	1	
	1900	DTM	Date/Time Reference	O	1	
	2000	TXI	Tax Information	O	>1	
LOOP ID - IT1						999999
	2100	IT1	Baseline Item Data (Invoice)	O	1	
	2200	SI	Service Characteristic Identification	O	2	
	2240	IPU	Insurance Policy Update Information	O	1	
	2250	PPI	Policy Premium Payment Information	O	1	
	2300	PID	Product/Item Description	O	200	
	2350	MEA	Measurements	O	20	
	2400	INC	Installment Information	O	1	
	2500	TXI	Tax Information	O	>1	
	2600	REF	Reference Information	O	>1	
	2700	DTM	Date/Time Reference	O	10	
	2800	MSG	Message Text	O	>1	
	2810	CAD	Carrier Details	O	1	
N	2820	YNQ	Yes/No Question	O	>1	
	2830	LQ	Industry Code Identification	O	>1	
	2840	LCD	Place/Location Description	O	>1	
LOOP ID - AMT						>1
	2850	AMT	Monetary Amount Information	O	1	
	2870	CUR	Currency	O	1	

LOOP ID - QTY					>1
	2900	QTY	Quantity Information	O	1
	3000	SI	Service Characteristic Identification	O	1
LOOP ID - ITA					>1
	3100	ITA	Allowance, Charge or Service	O	1
	3200	DTM	Date/Time Reference	O	1
	3300	TXI	Tax Information	O	>1
LOOP ID - NM1					>1
	3400	NM1	Individual or Organizational Name	O	1
	3500	N2	Additional Name Information	O	2
	3600	N3	Party Location	O	2
	3700	N4	Geographic Location	O	1
	3800	PER	Administrative Communications Contact	O	3
N	3850	NX2	Location ID Component	O	>1
	3870	DMG	Demographic Information	O	1
	3875	REF	Reference Information	O	>1
	3890	LCD	Place/Location Description	O	>1
	3895	MS1	Equipment, Shipment, or Real Property Location	O	>1
LOOP ID - SLN					>1
	3900	SLN	Subline Item Detail	O	1
	4000	SI	Service Characteristic Identification	O	2
	4050	AD1	Adjustment Amount	O	1
	4100	PID	Product/Item Description	O	200
	4150	MEA	Measurements	O	20
	4200	CUR	Currency	O	1
	4300	INC	Installment Information	O	1
	4400	ITA	Allowance, Charge or Service	O	10
	4500	TXI	Tax Information	O	>1
	4600	REF	Reference Information	O	>1
	4700	PER	Administrative Communications Contact	O	3
	4800	DTM	Date/Time Reference	O	10
	4900	AMT	Monetary Amount Information	O	15
	5000	MSG	Message Text	O	>1
LOOP ID - QTY					>1
	5100	QTY	Quantity Information	O	1
	5200	SI	Service Characteristic Identification	O	1
LOOP ID - NM1					>1
	5300	NM1	Individual or Organizational Name	O	1
	5400	N2	Additional Name Information	O	2
	5500	N3	Party Location	O	2
	5600	N4	Geographic Location	O	1
	5700	REF	Reference Information	O	8
	5800	PER	Administrative Communications Contact	O	3
	5850	DMG	Demographic Information	O	1

LOOP ID - TCD					>1
5900	TCD	Itemized Call Detail	O	1	
6000	SI	Service Characteristic Identification	O	2	
6100	TXI	Tax Information	O	>1	
6150	ITA	Allowance, Charge or Service	O	>1	
LOOP ID - QTY					>1
6170	QTY	Quantity Information	O	1	
6180	SI	Service Characteristic Identification	O	1	
LOOP ID - USD					>1
6200	USD	Usage-Sensitive Detail	O	1	
6250	SI	Service Characteristic Identification	O	2	
6300	ITA	Allowance, Charge or Service	O	2	
6400	TRF	Rating Factors	O	18	
LOOP ID - QTY					>1
6500	QTY	Quantity Information	O	1	
6600	SI	Service Characteristic Identification	O	1	
LOOP ID - III					>1
6700	III	Information	O	1	
6800	DTP	Date or Time or Period	O	5	
6900	AMT	Monetary Amount Information	O	5	
7000	PCT	Percent Amounts	O	5	
7050	NX2	Location ID Component	O	5	
7070	REF	Reference Information	O	5	
LOOP ID - LQ					>1
7100	LQ	Industry Code Identification	O	1	
7200	AMT	Monetary Amount Information	O	5	
7300	PCT	Percent Amounts	O	5	
LOOP ID - INP					>1
7350	INP	Insurance Policy Additions and Peril Coverages	O	1	
N 7352	AMT	Monetary Amount Information	O	10	
7354	PCT	Percent Amounts	O	10	
LOOP ID - FA1					>1
7400	FA1	Type of Financial Accounting Data	O	1	
7500	FA2	Accounting Data	M	>1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	TDS	Total Monetary Value Summary	M	1	
LOOP ID - ITA					>1
0200	ITA	Allowance, Charge or Service	O	1	
0300	DTM	Date/Time Reference	O	1	
0350	REF	Reference Information	O	5	
LOOP ID - BAL					>1
0400	BAL	Balance Detail	O	1	
0500	DTM	Date/Time Reference	O	1	

LOOP ID - N1					>1
	0600	N1	Party Identification	O	1
LOOP ID - BAL					>1
	0700	BAL	Balance Detail	O	1
	0800	DTM	Date/Time Reference	O	1
LOOP ID - ITA					>1
	0900	ITA	Allowance, Charge or Service	O	1
	1000	DTM	Date/Time Reference	O	2
	1020	AMT	Monetary Amount Information	O	1
	1030	SI	Service Characteristic Identification	O	2
	1050	REF	Reference Information	O	5
	1060	CUR	Currency	O	1
LOOP ID - LX					>1
	1070	LX	Transaction Set Line Number	O	1
	1080	REF	Reference Information	O	1
LOOP ID - AMT					>1
	1090	AMT	Monetary Amount Information	O	1
	1100	DTM	Date/Time Reference	O	1
LOOP ID - ITA					>1
	1110	ITA	Allowance, Charge or Service	O	1
	1120	DTM	Date/Time Reference	O	1
N	1150	CTT	Transaction Totals	O	1
	1200	SE	Transaction Set Trailer	M	1

Notes

2/2820 The YNQ segment is used to indicate if passenger or renter is a no-show, or to indicate if insurance was purchased.

2/3850 The NX2 segment is used to convey parsed address information.

2/7352 At least one occurrence of the AMT segment or PCT segment is required.

3/1150 The number of line items (CTT01) is the accumulation of the number of IT1 segments.

812 - Credit/Debit Adjustment

FUNCTIONAL GROUP=**CD**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Credit/Debit Adjustment Transaction Set (812) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to notify a trading partner of an adjustment or billback and may be used to request an adjustment or billback. It identifies and contains the details and amounts covering exceptions, adjustments, credits, or debits for goods or services. This transaction set is multidirectional between trading partners.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	BCD	Beginning Credit/Debit Adjustment	M	1	
	0300	CUR	Currency	O	1	
	0400	N9	Extended Reference Information	O	>1	
	0500	PER	Administrative Communications Contact	O	>1	
	0600	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	0700	DTM	Date/Time Reference	O	>1	
	0800	FOB	F.O.B. Related Instructions	O	1	
N	0900	SHD	Shipment Detail	O	>1	
	LOOP ID - SAC					>1
	0970	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
	0972	DTM	Date/Time Reference	O	5	
	0974	TXI	Tax Information	O	10	
	LOOP ID - N1					200
	1000	N1	Party Identification	M	1	
	1100	N2	Additional Name Information	O	2	
	1200	N3	Party Location	O	2	
	1300	N4	Geographic Location	O	1	
	1400	N9	Extended Reference Information	O	12	
	1500	PER	Administrative Communications Contact	O	3	
	1520	AMT	Monetary Amount Information	O	10	
	LOOP ID - LM					10
	1550	LM	Code Source Information	O	1	
	1560	LQ	Industry Code Identification	M	100	
	LOOP ID - FA1					>1
	1600	FA1	Type of Financial Accounting Data	O	1	
	1700	FA2	Accounting Data	M	>1	
	LOOP ID - TXI					>1
	1800	TXI	Tax Information	O	1	
	1900	DTM	Date/Time Reference	O	5	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - CDD					>1
1600	CDD	Credit/Debit Adjustment Detail	O	1	
1700	LIN	Item Identification	O	1	
1800	PO4	Item Physical Details	O	1	
2000	N9	Extended Reference Information	O	>1	
2020	DTM	Date/Time Reference	O	5	
LOOP ID - SAC					25
2030	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
2040	DTM	Date/Time Reference	O	5	
2045	TXI	Tax Information	O	10	
LOOP ID - LM					10
2050	LM	Code Source Information	O	1	
2060	LQ	Industry Code Identification	M	100	
LOOP ID - N11					>1
2100	N11	Store Location	O	1	
2200	AMT	Monetary Amount Information	O	10	
2300	PCT	Percent Amounts	O	2	
LOOP ID - N1					>1
2400	N1	Party Identification	O	1	
2500	AMT	Monetary Amount Information	O	10	
2600	PCT	Percent Amounts	O	2	
LOOP ID - FA1					>1
2640	FA1	Type of Financial Accounting Data	O	1	
2660	FA2	Accounting Data	M	>1	
2665	LS	Loop Header	O	1	
LOOP ID - TXI					>1
2670	TXI	Tax Information	O	1	
2675	DTM	Date/Time Reference	O	5	
2680	LE	Loop Trailer	O	1	
2700	SE	Transaction Set Trailer	M	1	

Notes

1/0200 BCD05 indicates whether the net of the detail is a credit or a debit.

1/0900 SHD is used to indicate shipment detail relative to credit or debit of returned product.

813 - Electronic Filing of Tax Return Data

FUNCTIONAL GROUP=**TF**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Electronic Filing of Tax Return Data Transaction Set (813) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by tax filers to electronically file tax returns with a federal, state, or local taxing authority and which may initiate payments related to the tax return.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BTI	Beginning Tax Information	M	1	
	0300	DTM	Date/Time Reference	M	10	
N	0400	TIA	Tax Information and Amount	O	1000	
	0430	REF	Reference Information	O	10	
	0450	TRN	Trace	O	1000	
	0470	BPR	Beginning Segment for Payment Order/Remittance Advice	O	1000	
	LOOP ID - N1					>1
N	0500	N1	Party Identification	O	1	
	0600	N2	Additional Name Information	O	2	
	0700	IN2	Individual Name Structure Components	O	10	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	1	
	1000	PER	Administrative Communications Contact	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - TFS					100000
	0100	TFS	Tax Form	O	1	
	0200	REF	Reference Information	O	10	
	0300	DTM	Date/Time Reference	O	10	
	0400	MSG	Message Text	O	1000	
	LOOP ID - N1					>1
N	0500	N1	Party Identification	O	1	
	0600	N2	Additional Name Information	O	2	
	0700	IN2	Individual Name Structure Components	O	10	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	1	
	LOOP ID - TIA					10000
N	0920	TIA	Tax Information and Amount	O	1	
	0940	DTM	Date/Time Reference	O	10	
	0960	MSG	Message Text	O	1000	
	LOOP ID - FGS					100000
	1000	FGS	Form Group	O	1	

	1100	REF	Reference Information	O	10	
	1200	DTM	Date/Time Reference	O	10	
LOOP ID - N1						>1
N	1300	N1	Party Identification	O	1	
	1400	N2	Additional Name Information	O	2	
	1500	IN2	Individual Name Structure Components	O	10	
	1600	N3	Party Location	O	2	
	1700	N4	Geographic Location	O	1	
LOOP ID - TIA						10000
N	1800	TIA	Tax Information and Amount	O	1	
	1900	DTM	Date/Time Reference	O	10	
	2000	MSG	Message Text	O	1000	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

Notes

1/0400 The TIA segment allows for tax information and amounts associated with the entire filing. At least one occurrence of the TIA segment must be present in the transaction set, either in Table 1 or Table 2.

1/0500 This N1 loop reflects names and addresses associated with the entire filing.

2/0500 This N1 loop reflects names and addresses associated with a particular tax form (TFS).

2/0920 At least one occurrence of the TIA segment must be present in the transaction set, either in Table 1 or Table 2.

2/1300 This N1 loop reflects names and addresses associated with a particular subset of a tax form.

2/1800 At least one occurrence of the TIA segment must be present in the transaction set, either in Table 1 or Table 2.

814 - General Request, Response or Confirmation

FUNCTIONAL GROUP=**GE**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the General Request, Response or Confirmation Transaction Set (814) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to request actions to be performed, to respond to a request for actions to be performed or to confirm information related to actions performed.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	CUR	Currency	O	1	
	0310	DTM	Date/Time Reference	O	>1	
	0315	LCD	Place/Location Description	O	1	
	0320	AMT	Monetary Amount Information	O	>1	
	0330	N9	Extended Reference Information	O	>1	
	0340	MTX	Text	O	>1	
	LOOP ID - FA1					>1
	0350	FA1	Type of Financial Accounting Data	O	1	
	0360	FA2	Accounting Data	M	>1	
	LOOP ID - AMT					>1
	0370	AMT	Monetary Amount Information	O	1	
	0380	N9	Extended Reference Information	O	>1	
	LOOP ID - N1					>1
N	0400	N1	Party Identification	O	1	
	0500	N2	Additional Name Information	O	2	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	
	0800	PER	Administrative Communications Contact	O	>1	
	0900	REF	Reference Information	O	>1	
	1000	DTM	Date/Time Reference	O	>1	
	LOOP ID - LM					>1
	1100	LM	Code Source Information	O	1	
	1200	LQ	Industry Code Identification	M	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LIN					>1
0100	LIN	Item Identification	O	1	
0200	ASI	Action or Status Indicator	O	1	
0300	REF	Reference Information	O	>1	
0400	DTM	Date/Time Reference	O	>1	
0500	CUR	Currency	O	1	

	0600	AMT	Monetary Amount Information	O	>1	
	0700	PM	Electronic Funds Transfer Information	O	1	
	0725	QTY	Quantity Information	O	1	
	0730	MTX	Text	O	>1	
	LOOP ID - FA1					>1
	0750	FA1	Type of Financial Accounting Data	O	1	
	0760	FA2	Accounting Data	M	>1	
	LOOP ID - AMT					>1
	0770	AMT	Monetary Amount Information	O	1	
	0780	N9	Extended Reference Information	O	>1	
	LOOP ID - NM1					>1
N	0800	NM1	Individual or Organizational Name	O	1	
	0900	N2	Additional Name Information	O	2	
	1000	N3	Party Location	O	2	
	1100	N4	Geographic Location	O	1	
	1200	PER	Administrative Communications Contact	O	>1	
	1300	REF	Reference Information	O	>1	
	1400	DTM	Date/Time Reference	O	>1	
	LOOP ID - LM					>1
	1500	LM	Code Source Information	O	1	
	1600	LQ	Industry Code Identification	M	>1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - AWD					>1
0100	AWD	Amount with Description	O	1	
0200	DTM	Date/Time Reference	O	>1	
0300	SE	Transaction Set Trailer	M	1	

Notes

1/0400 The N1 loop is used to identify the transaction sender and receiver.

2/0800 The NM1 loop is used to identify the parties associated with the individual line item (LIN), such as an individual consumer in a consolidated third party Consumer Service Provider transaction.

815 - Cryptographic Service Message

FUNCTIONAL GROUP=**CS**
SUBCOMMITTEE=**C**

This X12 Transaction Set contains the format and establishes the data contents of the Cryptographic Service Message Transaction Set (815) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the data format required for cryptographic key management including the automated distribution and exchange of keys. The mechanism uses X12 structures and data formats and is based on existing standards such as X509 and ANSI X3 and X9 developed by the Accredited Standards Committees (ASCs) X9 and X12. The standard provides an X12 format for key distribution and exchange. The Cryptographic Service Message (CSM) transaction conveys the pertinent keying material for use in the EDI environment. The business requirements addressed in this standard for the key management data encompasses distribution and exchange of keying material in support of authentication, encryption and assurances.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	CSM	Cryptographic Service Message Header	M	1	
	0300	CSB	Cryptographic Service Message Body	O	>1	
	LOOP ID - CSC					>1
	0330	CSC	Cryptographic Service Message Certificates and Keys	O	1	
	0360	DTP	Date or Time or Period	O	9	
	0400	SE	Transaction Set Trailer	M	1	

Notes

1/0200 The CSB segment and the CSC loop are mutually exclusive. If CSM01 = PKS "Public Key Service Message", then the CSC loop shall be used and the CSB segment shall not be used.

816 - Organizational Relationships

FUNCTIONAL GROUP=**OR**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Organizational Relationships Transaction Set (816) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to transmit pertinent information about a parent organization, its members and the relationship of a member to another member, and/or to the parent organization. A parent organization could be an association, a multi-hospital system, a chain of retail stores, a holding company, etc.

This transaction set can be used to convey the identity and relationship of members to a parent organization; identify eligibility to purchase under the terms and conditions negotiated by a parent organization on behalf of its members; and to update application databases.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	BHT	Beginning of Hierarchical Transaction	M	1	
	0300	DTM	Date/Time Reference	O	10	
	0350	REF	Reference Information	O	12	
	LOOP ID - N1					>1
N	0400	N1	Party Identification	M	1	
	0500	N2	Additional Name Information	O	2	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	
	0800	PER	Administrative Communications Contact	O	3	
	0900	REF	Reference Information	O	12	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					>1
	0100	HL	Hierarchical Level	M	1	
	LOOP ID - N1					>1
N	0200	N1	Party Identification	M	1	
	0300	N2	Additional Name Information	O	2	
	0400	N3	Party Location	O	2	
	0500	N4	Geographic Location	O	1	
	0600	PER	Administrative Communications Contact	O	>1	
	0700	REF	Reference Information	O	12	
	0800	QTY	Quantity Information	O	5	
	0900	DTM	Date/Time Reference	O	10	
	0920	CAL	Calendar	O	10	
	0950	LQ	Industry Code Identification	O	>1	
	1000	ASI	Action or Status Indicator	O	1	

1100	SE	Transaction Set Trailer	M	1

Notes

1/0200 BHT03 and BHT04 are mandatory.

1/0400 The N1 loop shall identify the transaction set issuer and optionally provide contact information if necessary.

2/0200 N105, when used, defines the relationship of the entity designated in N102 or N104 to its parent organization.

818 - Commission Sales Report

FUNCTIONAL GROUP=**RP**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Commission Sales Report Transaction Set (818) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow a retailer to advise a trading partner of commission sales and salary information. Commission data enables a trading partner to reconcile commission payments and salary support.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
NN	0200	BSC	Beginning Segment for Commission Sales Report and Periodic Compensation	M	1	
	0250	CUR	Currency	O	1	
LOOP ID - N11						999
	0300	N11	Store Location	M	1	
	0400	REF	Reference Information	O	5	
	0500	AMT	Monetary Amount Information	O	5	
LOOP ID - LIN						999
	0600	LIN	Item Identification	O	1	
	0700	PID	Product/Item Description	O	5	
	0800	AMT	Monetary Amount Information	O	5	
LOOP ID - NM1						999
	0900	NM1	Individual or Organizational Name	O	1	
	0920	SCD	Sales Commission Employee Detail	O	1	
	0940	N3	Party Location	O	2	
	0950	N4	Geographic Location	O	1	
	0980	DTM	Date/Time Reference	O	1	
	0990	AMT	Monetary Amount Information	O	5	
LOOP ID - SAL						99
N	1000	SAL	Salary Information	O	1	
	1100	AMT	Monetary Amount Information	M	10	
LOOP ID - LIN						999
	1200	LIN	Item Identification	O	1	
	1300	PID	Product/Item Description	O	5	
	1400	AMT	Monetary Amount Information	O	5	
	1500	SE	Transaction Set Trailer	M	1	

Notes

1/0200 SAL06 is required if the reporting period start date is different from the reporting period start date in BSC03. If SAL06 is used, it overrides the date sent in BSC03.

1/0200 SAL07 is required if the reporting period end date is different from the reporting period end date in BSC04. If SAL07 is used, it overrides the date sent in BSC04.

1/1000 SAL06 is required if the reporting period start date is different from the reporting period start date in BSC03. If SAL06 is used, it overrides the date sent in BSC03.

1/1000 SAL07 is required if the reporting period end date is different from the reporting period end date in BSC04. If SAL07 is used, it overrides the date sent in BSC04.

819 - Joint Interest Billing and Operating Expense Statement

FUNCTIONAL GROUP=**JB**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Joint Interest Billing and Operating Expense Statement Transaction Set (819) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit periodic expense details from the operator of an asset to the various owners of that asset (e.g., the operation of a petroleum lease or property having multiple owners).

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BOS	Beginning Segment for Joint Interest Billing and Operating Expense Statement	M	1	
	0300	CUR	Currency	O	1	
	0350	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	LOOP ID - N1					10
	0400	N1	Party Identification	O	1	
	0500	N2	Additional Name Information	O	2	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	
	0800	REF	Reference Information	O	12	
	0850	MSG	Message Text	O	12	
	0900	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - JIL					10000
	0100	JIL	Line Item Detail for the Operating Expense Statement	M	1	
	0200	PID	Product/Item Description	O	>1	
	0300	REF	Reference Information	O	12	
	0350	MSG	Message Text	O	12	
	0360	MEA	Measurements	O	10	
	0370	ITA	Allowance, Charge or Service	O	10	
N	0380	PSA	Partner Share Accounting	O	1	
	0390	DTM	Date/Time Reference	O	1	
	LOOP ID - JID					1000
	0400	JID	Equipment Detail	O	1	
	0500	PID	Product/Item Description	O	>1	
	0600	DTM	Date/Time Reference	O	10	
	0700	REF	Reference Information	O	12	
	0750	MSG	Message Text	O	12	
	0850	MEA	Measurements	O	5	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	AMT	Monetary Amount Information	M	1	
	0150	QTY	Quantity Information	O	5	
	0180	TDS	Total Monetary Value Summary	O	1	
LOOP ID - PSA						1000
	0200	PSA	Partner Share Accounting	O	1	
	0300	N1	Party Identification	O	1	
	0400	N2	Additional Name Information	O	2	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0650	DTM	Date/Time Reference	O	1	
	0700	REF	Reference Information	O	12	
	0800	PER	Administrative Communications Contact	O	3	
N	0900	CTT	Transaction Totals	M	1	
	1000	SE	Transaction Set Trailer	M	1	

Notes

2/0380 If the PSA segment is sent in the ⇊ loop, the AMT02 amount is the sum of the quantities in PSA04. If the PSA segment is not used in the ⇊ loop, AMT02 is the sum of the quantities in ⇊03.

3/0100 Amount (AMT02) is the sum of the ⇊ amounts (⇊03).

3/0900 Number of line items (CTT01) is the accumulation of the number of ⇊ segments. If used, hash total (CTT02) is the sum of the value of monetary amounts (⇊03) for each ⇊ segment.

820 - Payment Order/Remittance Advice

FUNCTIONAL GROUP=**RA**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice.

This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1	
	0300	NTE	Note/Special Instruction	O	>1	
	0350	TRN	Trace	O	1	
	0400	CUR	Currency	O	1	
	0500	REF	Reference Information	O	>1	
	0600	DTM	Date/Time Reference	O	>1	
	LOOP ID - 1000					>1
C	0700	N1	Party Identification	O	1	
	0800	N2	Additional Name Information	O	>1	
	0900	N3	Party Location	O	>1	
	1000	N4	Geographic Location	O	1	
	1100	REF	Reference Information	O	>1	
	1200	PER	Administrative Communications Contact	O	>1	
	1300	RDM	Remittance Delivery Method	O	1	
	1400	DTM	Date/Time Reference	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
CN	0100	ENT	Entity	O	1	
	LOOP ID - 2100					>1
	0150	FA1	Type of Financial Accounting Data	O	1	
	0160	FA2	Accounting Data	M	>1	
	LOOP ID - 2200					>1
C	0200	NM1	Individual or Organizational Name	O	1	
	0300	N2	Additional Name Information	O	>1	
	0400	N3	Party Location	O	>1	
	0500	N4	Geographic Location	O	1	

	0600	REF	Reference Information	O	>1	
	0700	PER	Administrative Communications Contact	O	>1	
LOOP ID - 2300						>1
C	0800	ADX	Adjustment	O	1	
	0900	NTE	Note/Special Instruction	O	>1	
	1000	PER	Administrative Communications Contact	O	>1	
	1050	DTM	Date/Time Reference	O	1	
LOOP ID - 2310						>1
	1100	REF	Reference Information	O	1	
	1200	DTM	Date/Time Reference	O	>1	
LOOP ID - 2320						>1
C	1300	IT1	Baseline Item Data (Invoice)	O	1	
	1310	RPA	Rate Amounts or Percents	O	1	
	1320	QTY	Quantity Information	O	1	
LOOP ID - 2321						>1
	1400	REF	Reference Information	O	1	
	1410	DTM	Date/Time Reference	O	1	
LOOP ID - 2322						>1
	1420	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
	1430	TXI	Tax Information	O	>1	
	1440	DTM	Date/Time Reference	O	10	
LOOP ID - 2323						>1
	1450	SLN	Subline Item Detail	O	1	
LOOP ID - 23231						>1
	1460	REF	Reference Information	O	1	
	1470	DTM	Date/Time Reference	O	>1	
LOOP ID - 23232						>1
	1480	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
	1490	TXI	Tax Information	O	>1	
LOOP ID - 2330						>1
	1495	FA1	Type of Financial Accounting Data	O	1	
	1496	FA2	Accounting Data	M	>1	
LOOP ID - 2400						>1
C	1500	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1	
	1600	NTE	Note/Special Instruction	O	>1	
	1700	REF	Reference Information	O	>1	
	1800	DTM	Date/Time Reference	O	>1	
	1850	VEH	Vehicle Information	O	1	
	1860	IPU	Insurance Policy Update Information	O	1	
LOOP ID - 2410						>1
C	1900	IT1	Baseline Item Data (Invoice)	O	1	
	1920	RPA	Rate Amounts or Percents	O	1	

	1940	QTY	Quantity Information	O	1
LOOP ID - 2411					>1
	2000	REF	Reference Information	O	1
	2010	DTM	Date/Time Reference	O	1
LOOP ID - 2412					>1
	2020	SAC	Service, Promotion, Allowance, or Charge Information	O	1
	2030	TXI	Tax Information	O	>1
LOOP ID - 2413					>1
	2040	SLN	Subline Item Detail	O	1
LOOP ID - 24131					>1
	2050	REF	Reference Information	O	1
	2060	DTM	Date/Time Reference	O	>1
LOOP ID - 24132					>1
	2070	SAC	Service, Promotion, Allowance, or Charge Information	O	1
	2080	TXI	Tax Information	O	>1
LOOP ID - 2420					>1
C	2100	ADX	Adjustment	O	1
	2200	NTE	Note/Special Instruction	O	>1
	2300	PER	Administrative Communications Contact	O	>1
LOOP ID - 2421					>1
	2400	REF	Reference Information	O	1
	2500	DTM	Date/Time Reference	O	>1
LOOP ID - 2422					>1
C	2600	IT1	Baseline Item Data (Invoice)	O	1
	2610	RPA	Rate Amounts or Percents	O	1
	2620	QTY	Quantity Information	O	1
LOOP ID - 24221					>1
	2700	REF	Reference Information	O	1
	2710	DTM	Date/Time Reference	O	1
LOOP ID - 24222					>1
	2720	SAC	Service, Promotion, Allowance, or Charge Information	O	1
	2730	TXI	Tax Information	O	>1
	2740	DTM	Date/Time Reference	O	10
LOOP ID - 24223					>1
	2750	SLN	Subline Item Detail	O	1
LOOP ID - 242231					>1
	2760	REF	Reference Information	O	1
	2770	DTM	Date/Time Reference	O	>1
LOOP ID - 242232					>1
	2780	SAC	Service, Promotion, Allowance, or Charge Information	O	1
	2790	TXI	Tax Information	O	>1
LOOP ID - 2430					>1

	2795	FA1	Type of Financial Accounting Data	O	1	
	2796	FA2	Accounting Data	M	>1	
LOOP ID - 3000						>1
N	2800	TXP	Tax Payment	O	1	
	2850	TXI	Tax Information	O	>1	
	2855	REF	Reference Information	O	>1	
	2860	DTM	Date/Time Reference	O	>1	
LOOP ID - 4000						>1
N	2870	DED	Deductions	O	1	
LOOP ID - 5000						>1
N	2900	LX	Transaction Set Line Number	O	1	
	2950	REF	Reference Information	O	>1	
	3000	TRN	Trace	O	>1	
LOOP ID - 5100						>1
	3050	NM1	Individual or Organizational Name	O	1	
	3100	REF	Reference Information	O	>1	
	3150	G53	Maintenance Type	O	1	
LOOP ID - 5110						>1
	3200	AIN	Income	O	1	
	3250	QTY	Quantity Information	O	>1	
	3300	DTP	Date or Time or Period	O	>1	
LOOP ID - 5120						>1
	3350	PEN	Pension Information	O	1	
	3400	AMT	Monetary Amount Information	O	>1	
	3450	DTP	Date or Time or Period	O	>1	
LOOP ID - 5121						>1
	3500	INV	Investment Vehicle Selection	O	1	
	3550	DTP	Date or Time or Period	O	>1	
LOOP ID - 6000						1
N	3600	N9	Extended Reference Information	O	1	
	3650	REF	Reference Information	O	>1	
LOOP ID - 6100						>1
C	3700	AMT	Monetary Amount Information	O	1	
	3800	REF	Reference Information	O	>1	
LOOP ID - 6200						>1
	3900	N1	Party Identification	O	1	
	4000	REF	Reference Information	O	>1	
LOOP ID - 6210						>1
	4100	EMS	Employment Position	O	1	
	4200	ATN	Attendance	O	>1	
	4300	AIN	Income	O	>1	
	4400	PYD	Payroll Deduction	O	>1	
LOOP ID - 7000						>1

N	4500	RYL	Royalty Payment	O	1	
LOOP ID - 7100						>1
	4600	NM1	Individual or Organizational Name	O	1	
LOOP ID - 7110						>1
	4700	LOC	Location	O	1	
LOOP ID - 7111						>1
	4800	PID	Product/Item Description	O	1	
	4900	DTM	Date/Time Reference	O	1	
LOOP ID - 71111						>1
	5000	PCT	Percent Amounts	O	1	
	5100	QTY	Quantity Information	O	1	
LOOP ID - 711111						>1
	5200	AMT	Monetary Amount Information	O	1	
	5300	ADX	Adjustment	O	>1	
LOOP ID - 7120						1
	5400	ASM	Amount and Settlement Method	O	1	
	5500	ADX	Adjustment	O	1	
LOOP ID - 8000						>1
N	5600	INS	Insured Benefit	O	1	
	5610	QTY	Quantity Information	O	>1	
	5620	NM1	Individual or Organizational Name	O	1	
	5640	REF	Reference Information	O	>1	
	5650	DMG	Demographic Information	O	1	
	5655	DMH	Extended Demographic Information	O	1	
	5660	DTP	Date or Time or Period	O	>1	
LOOP ID - 8100						>1
C	5700	ADX	Adjustment	O	1	
	5750	DTM	Date/Time Reference	O	1	
LOOP ID - 8200						>1
	5800	HD	Health Coverage	O	1	
	5850	DTP	Date or Time or Period	O	>1	
	5870	REF	Reference Information	O	>1	
LOOP ID - 8210						>1
C	5900	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1	
	5950	REF	Reference Information	O	>1	
	5970	DTM	Date/Time Reference	O	>1	
LOOP ID - 8211						>1
C	5980	ADX	Adjustment	O	1	
	5990	REF	Reference Information	O	>1	
LOOP ID - 8300						>1
	6000	N1	Party Identification	O	1	
	6050	REF	Reference Information	O	>1	
	6070	DTM	Date/Time Reference	O	>1	

LOOP ID - 9000					>1
N	6080	TPP	Third Party Payment	O	1

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

Notes

2/0100 The LOOP ID - 2000 is for vendor or consumer third party consolidated payments.
2/2800 The LOOP ID - 3000 is for tax payments.
2/2870 The LOOP ID - 4000 is for child support payments.
2/2900 The LOOP ID - 5000 is for pension payments.
2/3600 The LOOP ID - 6000 is for payroll payments.
2/4500 The LOOP ID - 7000 is for royalty payments.
2/5600 The LOOP ID - 8000 is for health coverage insurance premium payments.
2/6080 The LOOP ID - 9000 is for third party tax payments.

Comments

1/0350 The TRN segment is used to uniquely identify a payment order/remittance advice.
1/0400 The CUR segment does not initiate a foreign exchange transaction.
1/0700 The LOOP ID - 1000 allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
2/0100 ENT09 may contain the payee's accounts receivable customer number.
2/0200 Allowing LOOP ID - 2200 to repeat in this area allows the paying entity within a payer and the paid entity within a payee to be identified (not the payer and payee).
2/0800 The LOOP ID - 2300 contains adjustment items which are not netted to an RMR segment in this transaction set.
2/1300 The LOOP ID - 2320 within LOOP ID -2300 is the adjustment line item detail loop.
2/1500 The LOOP ID - 2400 is for open items being referenced or for payment on account.
2/1900 The LOOP ID - 2410 within the LOOP ID - 2400 is the remittance line item detail loop.
2/2100 The LOOP ID - 2420 can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately preceding RMR, use the LOOP ID - 2300 (position 2/0800).
2/2600 The LOOP ID - 2422 within LOOP ID - 2420 is the adjustment line item detail loop.
2/3700 The AMT segment can be used to provide information about allocation or distribution of net pay that is split across multiple payment orders.
2/5700 The LOOP ID - 8100 contains adjustment items which are not netted to an RMR segment in this transaction set.
2/5900 The LOOP ID - 8210 is for open items being referenced or for payment on account.
2/5980 The LOOP ID - 8211 can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately preceding RMR, use the outer LOOP ID - 8100 (position 2/5700).

821 - Financial Information Reporting

FUNCTIONAL GROUP=**FR**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Financial Information Reporting Transaction Set (821) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report balances, detail and summary financial transactions, and other related financial account information.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	B2A	Set Purpose	M	1	
N	0300	DTM	Date/Time Reference	M	4	
	0400	TRN	Trace	M	2	
N	0500	N1	Party Identification	O	2	
N	0600	PER	Administrative Communications Contact	O	>1	
	0610	REF	Reference Information	O	>1	
	LOOP ID - LM					10
N	0650	LM	Code Source Information	O	1	
	LOOP ID - LQ					100
	0670	LQ	Industry Code Identification	M	1	
N	0690	DTM	Date/Time Reference	O	3	
	LOOP ID - FA1					>1
	0800	FA1	Type of Financial Accounting Data	O	1	
	0900	FA2	Accounting Data	M	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - ENT					>1
N	0100	ENT	Entity	M	1	
	LOOP ID - N1					2
	0200	N1	Party Identification	O	1	
	0300	N2	Additional Name Information	O	>1	
	0400	N3	Party Location	O	>1	
	0500	N4	Geographic Location	O	1	
	0600	PER	Administrative Communications Contact	O	>1	
	LOOP ID - ACT					>1
	0700	ACT	Account Identification	O	1	
	0800	CUR	Currency	O	1	
	LOOP ID - LM					10
N	0850	LM	Code Source Information	O	1	
	LOOP ID - LQ					100
	0870	LQ	Industry Code Identification	M	1	

N	0890	DTM	Date/Time Reference	O	3		
	LOOP ID - RTE						13
N	0950	RTE	Rate Information	O	1		
	0960	DTM	Date/Time Reference	O	1		
	LOOP ID - BLN						>1
	1000	BLN	Balance Information	O	1		
	1100	AVA	Funds Availability	O	>1		
	LOOP ID - TSU						>1
	1200	TSU	Transaction Summary	O	1		
	1300	AVA	Funds Availability	O	>1		
	LOOP ID - FIR						>1
	1400	FIR	Financial Information	O	1		
	1500	DTM	Date/Time Reference	O	>1		
	1600	REF	Reference Information	O	>1		
	1700	MSG	Message Text	O	>1		
	1800	AVA	Funds Availability	O	>1		
	1900	TRN	Trace	O	1		
	2000	N1	Party Identification	O	>1		
	2100	AMT	Monetary Amount Information	O	>1		
	2200	CTP	Pricing Information	O	>1		
	2300	RTE	Rate Information	O	>1		
	LOOP ID - NM1					>1	
N	2400	NM1	Individual or Organizational Name	O	1		
	2500	N2	Additional Name Information	O	>1		
	2600	N3	Party Location	O	>1		
	2700	N4	Geographic Location	O	1		
N	2800	DTM	Date/Time Reference	O	1		
	2850	N9	Extended Reference Information	O	>1		
	LOOP ID - FA1						>1
	2900	FA1	Type of Financial Accounting Data	O	1		
	3000	FA2	Accounting Data	M	>1		

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

Notes

1/0300 At least one DTM segment, for period-ending date, must be used. Others are period-starting date, statement-issued (process) date, and transaction-creation date.

1/0500 This N1 segment identifies the forwarder of this transaction. Where the forwarder and the financial institution identified in elements ENT02-04 are different entities, the use of this segment is recommended. The second N1 segment can be used to identify an additional participant in the issuing of the transaction.

1/0600 This PER segment identifies the administrative contact(s) of the forwarder of the transaction.

1/0650 The LM loop is intended to provide information regarding problems and errors which affect all accounts contained within this Financial Information Reporting (821) transaction set. The

description of the problem or error is contained in an Industry Code list identified in the LQ segment.

1/0690 The DTM segment is intended to provide information regarding the expected problem resolution date and/or time. Additional uses of this segment are for the provision of the problem occurrence date and/or time, and the alternate problem resolution date and/or time.

2/0100 This ENT segment provides numeric identification of the originating financial institution and the receiving corporate entity, related to specific accounts.

2/0850 The LM loop is intended to provide information regarding problems and errors which affect the specific account being reported within this ACT loop. The description of the problem or error is contained in an Industry Code list identified in the LQ segment.

2/0890 The DTM segment is intended to provide information regarding the expected problem resolution date and/or time. Additional uses of this segment are for the provision of the problem occurrence date and/or time, and the alternate problem resolution date and/or time.

2/0950 The RTE loop is used to indicate rates associated with the related account, and the effective date of that rate.

2/2400 The NM1 loop is intended to provide individuals or organizations related to the transaction reported in the FIR segment.

2/2800 The DTM is intended to provide a date and/or time related to the individual or organization identified in the NM1 segment.

822 - Account Analysis

FUNCTIONAL GROUP=**AA**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Account Analysis Transaction Set (822) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit detailed balance, service charge and adjustment detail primarily from a bank to its corporate clients. However, this transaction set can also be used between or within corporations.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	DTM	Date/Time Reference	M	3	
N	0350	CUR	Currency	O	1	
	LOOP ID - N1					1
N	0400	N1	Party Identification	O	1	
	0500	N2	Additional Name Information	O	2	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	
	0900	PER	Administrative Communications Contact	O	3	
	LOOP ID - RTE					>1
N	1000	RTE	Rate Information	O	1	
	1050	DTM	Date/Time Reference	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - ENT					>1
N	0050	ENT	Entity	M	1	
	LOOP ID - N1					>1
N	0100	N1	Party Identification	O	1	
	0200	N2	Additional Name Information	O	2	
	0300	N3	Party Location	O	2	
	0400	N4	Geographic Location	O	1	
	0600	PER	Administrative Communications Contact	O	3	
	LOOP ID - ACT					>1
	1000	ACT	Account Identification	O	1	
N	1030	CUR	Currency	O	1	
	1050	ADJ	Adjustments to Balances or Services	O	>1	
	LOOP ID - RTE					>1
N	1060	RTE	Rate Information	O	1	
	1070	DTM	Date/Time Reference	O	1	
	LOOP ID - LX					>1

N	1100	LX	Transaction Set Line Number	O	1		
N	1200	BLN	Balance Information	M	>1		
N	1300	DTM	Date/Time Reference	O	5		
LOOP ID - SER						>1	
	1400	SER	Service Charges	O	1		
	1450	CTP	Pricing Information	O	99		
	1500	DTM	Date/Time Reference	O	5		
	1600	SE	Transaction Set Trailer	M	1		

Notes

1/0300 At least one DTM segment, for the period-ending date, must be used. Others are period-starting date and statement-issued date.

1/0350 This CUR segment identifies the default currency for the entire account analysis.

1/0400 The N1 segment identifies the forwarder of this transaction. Where the forwarder and the financial institution identified in elements ENT02-04 are different entities, the use of this segment is recommended.

1/1000 This RTE segment identifies the default rate(s) for the entire account analysis.

2/0050 The ENT segment provides numeric identification of the originating financial institution and the receiving corporate entity, related to specific account(s).

2/0100 This N1 is to define the originating financial institution and to define the receiving entity associated with the financial information reported.

2/1030 This CUR segment overrides for a particular account the default currency identified in Table 1.

2/1060 This RTE segment overrides for a particular account the default rate(s) identified in Table 1.

2/1100 Multiple balances for the same period can be reported within a single occurrence of the LX loop.

2/1100 The LX segment is used only as a means to start a loop containing balance information.

2/1200 BLN04 through BLN06 are not recommended for usage in transaction set 822. The time period of the analysis is defined in the DTM segment (position 2/1300).

2/1300 The DTM segment is used to reflect the time period of the analysis.

823 - Lockbox

FUNCTIONAL GROUP=**LB**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Lockbox Transaction Set (823) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit lockbox (incoming payments) information and totals from a bankor any other lockbox service provider to a company .

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
LOOP ID - N1						2
N	0200	N1	Party Identification	M	1	
	0300	N2	Additional Name Information	O	2	
	0400	N3	Party Location	O	2	
	0500	N4	Geographic Location	O	1	
	0600	REF	Reference Information	O	12	
	0700	PER	Administrative Communications Contact	O	3	
N	0800	TRN	Trace	O	1	
N	0900	DTM	Date/Time Reference	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - DEP						100
N	0100	DEP	Deposit	M	1	
N	0200	AMT	Monetary Amount Information	M	1	
N	0300	QTY	Quantity Information	M	2	
N	0400	REF	Reference Information	O	5	
C	0500	DTM	Date/Time Reference	O	10	
LOOP ID - BAT						>1
	0600	BAT	Batch	O	1	
	0700	AVA	Funds Availability	O	10	
N	0800	AMT	Monetary Amount Information	O	1	
N	0900	QTY	Quantity Information	O	1	
C	1000	DTM	Date/Time Reference	O	10	
LOOP ID - BPR						>1
N	1100	BPR	Beginning Segment for Payment Order/Remittance Advice	O	1	
	1150	TRN	Trace	O	1	
	1200	CUR	Currency	O	1	
N	1300	REF	Reference Information	O	>1	
N	1400	DTM	Date/Time Reference	O	>1	
	1420	AVA	Funds Availability	O	1	
LOOP ID - ADX						>1
N	1440	ADX	Adjustment	O	1	
	1450	NTE	Note/Special Instruction	O	>1	

	1460	PER	Administrative Communications Contact	O	>1
	1470	DTM	Date/Time Reference	O	1
LOOP ID - REF					>1
	1480	REF	Reference Information	O	1
	1490	DTM	Date/Time Reference	O	>1
LOOP ID - IT1					>1
N	1500	IT1	Baseline Item Data (Invoice)	O	1
LOOP ID - REF					>1
	1510	REF	Reference Information	O	1
	1520	DTM	Date/Time Reference	O	1
LOOP ID - SAC					>1
	1530	SAC	Service, Promotion, Allowance, or Charge Information	O	1
	1540	TXI	Tax Information	O	>1
LOOP ID - SLN					>1
	1550	SLN	Subline Item Detail	O	1
LOOP ID - REF					>1
	1560	REF	Reference Information	O	1
	1570	DTM	Date/Time Reference	O	>1
LOOP ID - SAC					>1
	1580	SAC	Service, Promotion, Allowance, or Charge Information	O	1
	1590	TXI	Tax Information	O	>1
LOOP ID - N1					200
N	1600	N1	Party Identification	O	1
	1700	N2	Additional Name Information	O	2
	1800	N3	Party Location	O	2
	1900	N4	Geographic Location	O	1
	2000	REF	Reference Information	O	12
	2100	PER	Administrative Communications Contact	O	3
LOOP ID - RMR					>1
N	2200	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1
N	2300	N1	Party Identification	O	1
	2400	CUR	Currency	O	1
N	2500	REF	Reference Information	O	>1
N	2600	DTM	Date/Time Reference	O	>1
LOOP ID - IT1					>1
N	2700	IT1	Baseline Item Data (Invoice)	O	1
LOOP ID - REF					>1
	2800	REF	Reference Information	O	1
	2900	DTM	Date/Time Reference	O	1
LOOP ID - SAC					>1
	3000	SAC	Service, Promotion, Allowance, or Charge Information	O	1
	3100	TXI	Tax Information	O	>1

LOOP ID - SLN					>1
	3200	SLN	Subline Item Detail	O	1
LOOP ID - REF					>1
	3300	REF	Reference Information	O	1
	3400	DTM	Date/Time Reference	O	>1
LOOP ID - SAC					>1
	3500	SAC	Service, Promotion, Allowance, or Charge Information	O	1
	3600	TXI	Tax Information	O	>1
LOOP ID - ADX					>1
N	3700	ADX	Adjustment	O	1
	3800	NTE	Note/Special Instruction	O	>1
	3900	PER	Administrative Communications Contact	O	>1
LOOP ID - REF					>1
	4000	REF	Reference Information	O	1
	4100	DTM	Date/Time Reference	O	>1
LOOP ID - IT1					>1
N	4200	IT1	Baseline Item Data (Invoice)	O	1
LOOP ID - REF					>1
	4300	REF	Reference Information	O	1
	4400	DTM	Date/Time Reference	O	1
LOOP ID - SAC					>1
	4500	SAC	Service, Promotion, Allowance, or Charge Information	O	1
	4600	TXI	Tax Information	O	>1
LOOP ID - SLN					>1
	4700	SLN	Subline Item Detail	O	1
LOOP ID - REF					>1
	4800	REF	Reference Information	O	1
	4900	DTM	Date/Time Reference	O	>1
LOOP ID - SAC					>1
	5000	SAC	Service, Promotion, Allowance, or Charge Information	O	1
	5100	TXI	Tax Information	O	>1
LOOP ID - TXP					>1
	5200	TXP	Tax Payment	O	1
	5300	TXI	Tax Information	O	>1
LOOP ID - DED					>1
	5400	DED	Deductions	O	1
LOOP ID - LX					>1
	5500	LX	Transaction Set Line Number	O	1
	5600	REF	Reference Information	O	>1
	5700	TRN	Trace	O	>1
LOOP ID - NM1					>1
	5800	NM1	Individual or Organizational Name	O	1

5900	REF	Reference Information	O	>1				
6000	G53	Maintenance Type	O	>1				
LOOP ID - AIN				>1				
6100	AIN	Income	O	1				
6200	QTY	Quantity Information	O	>1				
6300	DTP	Date or Time or Period	O	>1				
LOOP ID - PEN				>1				
6400	PEN	Pension Information	O	1				
6500	AMT	Monetary Amount Information	O	>1				
6600	DTP	Date or Time or Period	O	>1				
LOOP ID - INV				>1				
6700	INV	Investment Vehicle Selection	O	1				
6800	DTP	Date or Time or Period	O	>1				

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

Notes

1/0200 Mandatory: Lockbox (LBX) depository bankID; optionally, identify ultimate recipient (company who has the LBX) of the LBX information.

1/0800 The TRN segment is used to uniquely identify a lockbox transaction set.

1/0900 The DTM segment can be used to indicate the transaction creation (and, optionally, time) and the cutoff date and time for lockbox transactions reported in this transaction set.

2/0100 DEP segment contains LBX ID number, depository bankABA number, and bankacct. number, deposit date/time.

2/0200 AMT = Total deposit dollars.

2/0300 QTY = Number of batches in deposit; number of checks in deposit.

2/0400 REF = Identifies deposit number and/or deposit sequence number.

2/0800 AMT = Total batch dollars.

2/0900 QTY = Number of checks in batch.

2/1100 The BPR segment identifies the payment method.

2/1300 REF = Identifies payee code, MICR line, checknumber and scan line.

2/1400 DTM = Identifies checkdate, postmarkdate, date/time checkreceived by LBX.

2/1440 This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.

2/1500 Loop IT1 within the ADX loop is the adjustment line detail loop.

2/1600 N1 = Identifies payer/remitter name, number.

2/2200 Loop RMR is for open items being referenced or for payment on account.

2/2300 N1 = Identifies payer name, number if distinct from remitter name, number.

2/2500 REF = Identifies scan line.

2/2600 DTM = Identifies document date.

2/2700 Loop IT1 within the RMR loop is the remittance line detail loop.

2/3700 This ADX loop can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately preceding RMR, use the outer ADX loop.

2/4200 Loop IT1 within the ADX loop is the adjustment line detail loop.

Comments

2/0500 Identifies processing or other date/time information.
2/1000 DTM = Identifies processing or other date/time information.

824 - Application Advice

FUNCTIONAL GROUP=**AG**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits. The results of editing transaction sets can be reported at the functional group, an entire transaction set, or any portion of a transaction set, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection, acceptance with change, or partial acceptance or rejection of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgment sent in response to a purchase order).

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
LOOP ID - N1					>1
0300	N1	Party Identification	O	1	
0400	N2	Additional Name Information	O	2	
0500	N3	Party Location	O	2	
0600	N4	Geographic Location	O	1	
0700	REF	Reference Information	O	12	
0800	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - OTI						>1
N	0100	OTI	Original Transaction Identification	M	1	
N	0200	REF	Reference Information	O	>1	
N	0300	DTM	Date/Time Reference	O	>1	
N	0400	PER	Administrative Communications Contact	O	3	
N	0500	AMT	Monetary Amount Information	O	>1	
N	0600	QTY	Quantity Information	O	>1	
N	0650	NM1	Individual or Organizational Name	O	9	
LOOP ID - TED						>1
	0700	TED	Technical Error Description	O	1	
	0750	CTX	Context	O	10	
	0800	NTE	Note/Special Instruction	O	100	
N	0820	RED	Related Data	O	100	
	0822	DTM	Date/Time Reference	O	10	
LOOP ID - REF						>1
N	0830	REF	Reference Information	O	1	
	0835	OOI	Associated Object Type Identification	O	1	

	0840	BDS	Binary Data Structure	O	1	
	LOOP ID - LM					>1
N	0850	LM	Code Source Information	O	1	
	LOOP ID - LQ					100
	0860	LQ	Industry Code Identification	M	1	
N	0870	RED	Related Data	O	100	
	0900	SE	Transaction Set Trailer	M	1	

Notes

2/0100 The OTI loop is intended to provide a unique identification of the transaction set or portion thereof, that is the subject of this application acknowledgment.

2/0200 The REF segment allows for the provision of secondary reference identification or numbers required to uniquely identify the original transaction set or portion thereof. The primary reference identification or number should be provided in elements OTI02-03.

2/0300 The DTM segment allows for the provision of date, time, or date and time information required to uniquely identify the original transaction set or portion thereof.

2/0400 The PER segment should be utilized if administrative communications contact information is important to the unique identification of the original transaction set or portion thereof.

2/0500 The AMT segment should be utilized if monetary amount information is important to the unique identification of the original transaction set or portion thereof.

2/0600 The QTY segment should be utilized if quantity information is important to the unique identification of the original transaction set or portion thereof.

2/0650 The NM1 segment allows for the provision of entity identification information required to uniquely identify the original transaction set or portion thereof.

2/0820 The RED segment may be used to provide data related to the error condition specified in the associated TED01 element.

2/0830 The REF loop allows for freeform error reporting.

2/0850 The LM loop is used to identify industry-based or proprietary application error conditions.

2/0870 The RED segment may be used to provide data related to the error condition specified in the associated LQ02 element.

826 - Tax Information Exchange

FUNCTIONAL GROUP=**TI**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Tax Information Exchange Transaction Set (826) for use within the context of an Electronic Data Interchange (EDI) environment. This bi-directional transaction set can be used to exchange tax information between various tax agencies and other authorized parties.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	BTI	Beginning Tax Information	M	1	
	0220	DTM	Date/Time Reference	O	>1	
	0240	REF	Reference Information	O	>1	
	0260	TIA	Tax Information and Amount	O	>1	
N	0280	YNQ	Yes/No Question	O	>1	
	LOOP ID - N1					>1
	0300	N1	Party Identification	O	1	
	0400	N2	Additional Name Information	O	2	
	0500	IN2	Individual Name Structure Components	O	>1	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	1	
	0800	PER	Administrative Communications Contact	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - TFS					>1
N	0100	TFS	Tax Form	O	1	
	0200	REF	Reference Information	O	>1	
	0300	DTM	Date/Time Reference	O	>1	
N	0400	TIA	Tax Information and Amount	O	>1	
N	0420	YNQ	Yes/No Question	O	>1	
	LOOP ID - N1					>1
	0500	N1	Party Identification	O	1	
	0600	N2	Additional Name Information	O	2	
	0700	IN2	Individual Name Structure Components	O	>1	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	1	
	1000	PER	Administrative Communications Contact	O	>1	
	LOOP ID - FGS					>1
	1100	FGS	Form Group	O	1	
	1200	REF	Reference Information	O	>1	
	1300	DTM	Date/Time Reference	O	>1	
	1400	TIA	Tax Information and Amount	O	>1	
N	1420	YNQ	Yes/No Question	O	>1	

LOOP ID - N1					>1
1500	N1	Party Identification	O	1	
1600	N2	Additional Name Information	O	2	
1700	IN2	Individual Name Structure Components	O	>1	
1800	N3	Party Location	O	2	
1900	N4	Geographic Location	O	1	
2000	PER	Administrative Communications Contact	O	>1	
2100	SE	Transaction Set Trailer	M	1	

Notes

1/0200 The BTI Segment establishes the Tax Information Exchange Program.

1/0280 This YNQ segment refers to the validity of taxpayer identification in Table 1.

2/0100 The TFS segment establishes the tax form, schedule, or type.

2/0400 The TIA segment specifies individual data fields within the tax form, schedule, or type identified in the TFS segment.

2/0420 This YNQ segment refers to the validity of taxpayer identification in the TFS loop.

2/1420 This YNQ segment refers to the validity of taxpayer identification in the FGS loop.

827 - Financial Return Notice

FUNCTIONAL GROUP=**FR**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Financial Return Notice Transaction set (827) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report to the originator the inability to process, or modifications to, the original payment order.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	RIC	Financial Return	M	1	
0250	CUR	Currency	O	1	
0300	TRN	Trace	O	2	
0400	REF	Reference Information	O	>1	
0500	DTM	Date/Time Reference	O	>1	
LOOP ID - NM1					10
0600	NM1	Individual or Organizational Name	O	1	
0700	N2	Additional Name Information	O	2	
0800	N3	Party Location	O	2	
0900	N4	Geographic Location	O	1	
1000	REF	Reference Information	O	5	
1100	PER	Administrative Communications Contact	O	3	
1200	SE	Transaction Set Trailer	M	1	

Comments

1/0200 RIC identifies error condition, amount, debit/credit and account number of item being returned.

1/0300 Two iterations of the TRN should be used; one with a "1" in the TRN01 to provide a reference identification for the return notice, and one with a "2" in the TRN01 to provide a reference identification for the original payment transaction.

1/0400 REF provides additional identification, such as reference numbers originally sent with the payment order.

1/0500 DTM provides additional identification, such as payment date, check date, postmark date, etc., originally sent with the payment order.

828 - Debit Authorization

FUNCTIONAL GROUP=**DA**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Debit Authorization Transaction Set (828) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide information from the paying entity to the financial institution regarding debits that the paying entity has authorized against its account. The financial institution would hold this information then match it against incoming debits to determine whether those debits have been authorized by the account holder.

This transaction set can be used to add new authorizations or cancel existing authorizations.

With regard to electronic debits, this would be used for ACH debit processing only. This transaction set can also be used for paper-based debits (i.e., checks). In the paper-based world, this transaction set would serve the purpose of the "issuance file" or "check register" used in account reconciliation applications.

Either one-time or recurring debits can be authorized with this transaction set.

One transaction set can be used to identify multiple debit authorization details against one bank account.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	BAU	Beginning Segment for the Debit Authorization	M	1	
N	0500	N1	Party Identification	O	1	
	0600	N2	Additional Name Information	O	>1	
	0700	N3	Party Location	O	>1	
	0800	N4	Geographic Location	O	1	
	0900	REF	Reference Information	O	>1	
N	1000	PER	Administrative Communications Contact	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - DAD					>1
N	0100	DAD	Debit Authorization Detail	M	1	
N	0200	NM1	Individual or Organizational Name	O	1	
	0300	N2	Additional Name Information	O	>1	
	0400	N3	Party Location	O	>1	
	0500	N4	Geographic Location	O	1	
	0600	REF	Reference Information	O	>1	
	0700	PER	Administrative Communications Contact	O	>1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	M	1	
N	0200	AMT	Monetary Amount Information	O	1	
	0300	SE	Transaction Set Trailer	M	1	

Notes

1/0200 The BAU segment contains information about the account being debited.

1/0500 The N1 through N4 information shall refer to the originator of the Debit Authorization, if it is used.

1/1000 The PER segment contents shall identify the party to be contacted for resolution of debit authorization errors, and must have signing authority on the account, if used.

2/0100 The DAD segment contains detail information regarding the individual debit authorizations. The content refers to the originator of the debit, whereas the BAU refers to the holder of the account being debited.

2/0200 If used, the NM1, N3, N4, REF and PER segments shall refer to the payee of the authorization detailed in the DAD segment.

3/0100 The CTT segment shall contain a count of the number of DAD segments in CTT01. Other data elements of the CTT segment should not be used.

3/0200 The AMT segment is used to reflect the sum of Debit Authorization Detail monetary amounts (DAD08). The total amount shall appear in AMT02, with a qualifier of "TT" in AMT01.

829 - Payment Cancellation Request

FUNCTIONAL GROUP=**PY**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Payment Cancellation Request Transaction Set (829) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to cancel a previously transmitted electronic payment between an originating company and its originating financial institution before funds are released.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	PCR	Payment Cancellation Request	M	1	
0300	TRN	Trace	O	2	
0400	DTM	Date/Time Reference	M	10	
0500	REF	Reference Information	O	10	
0600	QTY	Quantity Information	O	10	
0700	AMT	Monetary Amount Information	O	10	
0800	SE	Transaction Set Trailer	M	1	

Comments

1/0200 PCR identifies type of cancellation.
1/0300 TRN uniquely identifies item(s) to be cancelled. Optional use: unique identifier for Payment Cancellation Request.
1/0400 DTM identifies effective payment date/time.
1/0500 REF identifies ancillary reference information.
1/0600 QTY identifies counts associated with the payment(s).
1/0700 AMT identifies amounts associated with the payment(s).

830 - Planning Schedule with Release Capability

FUNCTIONAL GROUP=**PS**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Planning Schedule with Release Capability Transaction Set (830) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business practice relative to the transfer of forecasting/material release information between organizations.

The planning schedule transaction may be used in various ways or in a combination of ways, such as: (1) a simple forecast; (2) a forecast with the buyer's authorization for the seller to commit to resources, such as labor or material; (3) a forecast that is also used as an order release mechanism, containing such elements as resource authorizations, period-to-date cumulative quantities, and specific ship/delivery patterns for requirements that have been represented in "buckets," such as weekly, monthly, or quarterly. The order release forecast may also contain all data related to purchase orders, as required, because the order release capability eliminates the need for discrete generation of purchase orders.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BFR	Beginning Segment for Planning Schedule	M	1	
0250	XPO	Preassigned Purchase Order Numbers	O	>1	
0400	CUR	Currency	O	1	
0500	REF	Reference Information	O	12	
0600	PER	Administrative Communications Contact	O	3	
0700	TAX	Tax Reference	O	3	
0800	FOB	F.O.B. Related Instructions	O	1	
0900	CTP	Pricing Information	O	25	
1000	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
1100	CSH	Sales Requirements	O	1	
1200	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
1300	DTM	Date/Time Reference	O	10	
1400	PID	Product/Item Description	O	200	
1500	MEA	Measurements	O	40	
1600	PWK	Paperwork	O	25	
1700	PKG	Marking, Packaging, Loading	O	25	
1800	TD1	Carrier Details (Quantity and Weight)	O	2	
1900	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
2000	TD3	Carrier Details (Equipment)	O	12	
2100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
2200	MAN	Marks and Numbers Information	O	10	
LOOP ID - N1					200
2300	N1	Party Identification	O	1	

2400	N2	Additional Name Information	O	2	
2500	N3	Party Location	O	2	
2600	N4	Geographic Location	O	1	
2700	REF	Reference Information	O	12	
2800	PER	Administrative Communications Contact	O	3	
2900	FOB	F.O.B. Related Instructions	O	1	
LOOP ID - LM					>1
3000	LM	Code Source Information	O	1	
3100	LQ	Industry Code Identification	M	100	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LIN						>1
	0100	LIN	Item Identification	M	1	
	0200	UIT	Unit Detail	O	1	
	0210	DTM	Date/Time Reference	O	10	
	0300	CUR	Currency	O	1	
	0600	PO3	Additional Item Detail	O	25	
	0700	CTP	Pricing Information	O	25	
	0800	PID	Product/Item Description	O	1000	
	0900	MEA	Measurements	O	40	
	1000	PWK	Paperwork	O	25	
	1100	PKG	Marking, Packaging, Loading	O	25	
	1200	PO4	Item Physical Details	O	1	
	1300	PRS	Part Release Status	O	1	
	1400	REF	Reference Information	O	12	
	1500	PER	Administrative Communications Contact	O	3	
	1700	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
	1800	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	1900	TAX	Tax Reference	O	3	
	2000	FOB	F.O.B. Related Instructions	O	1	
	2100	LDT	Lead Time	O	12	
N	2200	QTY	Quantity Information	O	>1	
	2300	ATH	Resource Authorization	O	20	
	2400	TD1	Carrier Details (Quantity and Weight)	O	1	
	2500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	2600	TD3	Carrier Details (Equipment)	O	12	
	2700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	2800	MAN	Marks and Numbers Information	O	10	
	2900	DD	Demand Detail	O	10	
LOOP ID - SLN						100
	3000	SLN	Subline Item Detail	O	1	
	3100	PID	Product/Item Description	O	1000	
	3150	NM1	Individual or Organizational Name	O	10	
LOOP ID - N1						200
	3200	N1	Party Identification	O	1	

	3300	N2	Additional Name Information	O	2	
	3400	N3	Party Location	O	2	
	3500	N4	Geographic Location	O	1	
	3600	REF	Reference Information	O	12	
	3700	PER	Administrative Communications Contact	O	3	
	3800	FOB	F.O.B. Related Instructions	O	1	
	LOOP ID - LM					>1
	3900	LM	Code Source Information	O	1	
	4000	LQ	Industry Code Identification	M	100	
	LOOP ID - FST					>1
N	4100	FST	Forecast Schedule	O	1	
	4150	QTY	Quantity Information	O	>1	
	4200	SDQ	Destination Quantity	O	50	
	LOOP ID - LM					>1
	4300	LM	Code Source Information	O	1	
	4400	LQ	Industry Code Identification	M	100	
	LOOP ID - SDP					260
	4500	SDP	Ship/Delivery Pattern	O	1	
	4600	FST	Forecast Schedule	O	260	
	LOOP ID - SHP					25
	4700	SHP	Shipped/Received Information	O	1	
	4800	REF	Reference Information	O	5	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

2/2200 QTY is used to specify supplemental quantities relevant to the forecast function. However, QTY is not related to the actual forecast quantity in the FST segments.

2/4100 At least one occurrence of segment FST is required, either in the FST loop or within the SDP loop. These two loops are mutually exclusive.

3/0100 Number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (FST01) for each FST segment.

831 - Application Control Totals

FUNCTIONAL GROUP=**CT**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data content of the Application Control Totals Transaction Set (831) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit totals associated with a collection of like transactions.

The items reported in this transaction set must be of the same transaction set ID code.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	DTM	Date/Time Reference	O	2	
	0400	N9	Extended Reference Information	O	>1	
	0500	TRN	Trace	O	>1	
N	0550	QTY	Quantity Information	O	10	
	LOOP ID - AMT					>1
	0600	AMT	Monetary Amount Information	O	1	
	0700	QTY	Quantity Information	O	1	
	0800	SE	Transaction Set Trailer	M	1	

Notes

1/0300 One occurrence of the DTM, N9, or TRN segment must be present. The DTM segments are used to provide a start/end date or time range.

1/0550 At least one QTY segment or AMT loop (1/0600) is required.

832 - Price/Sales Catalog

FUNCTIONAL GROUP=**SC**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Price/Sales Catalog Transaction Set (832) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to furnishing or requesting the price of goods or services in the form of a catalog.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BCT	Beginning Segment for Price/Sales Catalog	M	1	
0400	CTP	Pricing Information	O	100	
0500	REF	Reference Information	O	>1	
0550	YNQ	Yes/No Question	O	200	
0600	PER	Administrative Communications Contact	O	>1	
0700	DTM	Date/Time Reference	O	10	
0800	CTB	Restrictions/Conditions	O	25	
0900	CUR	Currency	O	5	
1100	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
1200	LDT	Lead Time	O	>1	
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	>1	
1330	TD1	Carrier Details (Quantity and Weight)	O	>1	
1340	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1	
1350	TD3	Carrier Details (Equipment)	O	>1	
1400	FOB	F.O.B. Related Instructions	O	1	
1420	PKG	Marking, Packaging, Loading	O	>1	
1460	TXI	Tax Information	O	>1	
1470	AAA	Request Validation	O	1	
1480	MTX	Text	O	>1	
1490	PWK	Paperwork	O	25	
LOOP ID - 1000					>1
1500	N1	Party Identification	O	1	
1600	N2	Additional Name Information	O	2	
1700	N3	Party Location	O	2	
1800	N4	Geographic Location	O	>1	
1900	REF	Reference Information	O	12	
1950	PKG	Marking, Packaging, Loading	O	>1	
2000	PER	Administrative Communications Contact	O	>1	
2010	DTM	Date/Time Reference	O	10	
2020	MTX	Text	O	>1	
2030	SPI	Specification Identifier	O	1	
LOOP ID - 1100					>1
2100	LM	Code Source Information	O	1	

	2200	LQ	Industry Code Identification	M	>1
LOOP ID - 1200					>1
	2300	N9	Extended Reference Information	O	1
	2400	DTM	Date/Time Reference	O	>1
	2500	MTX	Text	O	>1
	2600	PWK	Paperwork	O	>1
	2700	EFI	Electronic Format Identification	O	>1
LOOP ID - 1300					>1
	2800	G93	Price Bracket Identification	O	1
	2900	SAC	Service, Promotion, Allowance, or Charge Information	O	1
	3000	N1	Party Identification	O	1
	3100	G26	Pricing Conditions	O	1
LOOP ID - 1400					>1
	3200	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1
	3300	LH4	Canadian Dangerous Requirements	O	1

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 2000						>1
	0100	LIN	Item Identification	O	1	
	0120	PO1	Baseline Item Data	O	1	
N	0150	G53	Maintenance Type	O	1	
	0250	SI	Service Characteristic Identification	O	>1	
	0300	DTM	Date/Time Reference	O	10	
	0400	REF	Reference Information	O	>1	
	0450	YNQ	Yes/No Question	O	200	
	0500	PER	Administrative Communications Contact	O	>1	
	0550	CRD	Content Reporting Detail	O	>1	
	0600	CTB	Restrictions/Conditions	O	25	
	0700	PID	Product/Item Description	O	200	
	0800	MEA	Measurements	O	200	
	0810	DET	Diet Information	O	1	
	0812	COI	Container Information	O	1	
	0900	PKG	Marking, Packaging, Loading	O	25	
	1000	PO4	Item Physical Details	O	>1	
	1070	TD1	Carrier Details (Quantity and Weight)	O	>1	
	1080	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1	
	1090	TD3	Carrier Details (Equipment)	O	>1	
	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	1400	LDT	Lead Time	O	1	
	1500	SAC	Service, Promotion, Allowance, or Charge Information	O	>1	
	1600	FOB	F.O.B. Related Instructions	O	1	
	1640	AAA	Request Validation	O	1	
	1650	TC2	Commodity	O	2	
	1660	TXI	Tax Information	O	>1	

	1670	MTX	Text	O	>1
	1675	MCZ	Marine Catch Zone	O	>1
	1677	MAP	Meat and Poultry Information	O	>1
	1680	G55	Item Characteristics - Consumer Unit	O	1
	1681	QTY	Quantity Information	O	10
	1682	PKD	Packaging Description	O	10
	1683	ING	Ingredients	O	>1
	1684	NUT	Nuts Information	O	50
	1685	REG	Regulatory Application	O	10
	1686	VIT	Manufacturer Mineral, Vitamin, and Nutrient Declaration	O	10
	1688	TTI	Texture and Thickness Information	O	1
	1690	G54	Module Description	O	1
	1691	COM	Communication Contact Information	O	10
	1692	MPT	Manufacturer Preparation Information	O	>1
	1693	FPI	Farming and Processing Information	O	1
	1694	TRP	Terpenes Information	O	>1
LOOP ID - 2100					>1
N	1695	TRT	Trade Item Type	O	1
	1696	TC2	Commodity	O	>1
	1697	REF	Reference Information	O	>1
	1698	PDH	Pharmaceutical Drug Information	O	1
	1699	TRD	Trade Item Ingredient Details	O	>1
LOOP ID - 2200					>1
	1700	CTP	Pricing Information	O	1
	1800	DTM	Date/Time Reference	O	10
	1820	G36	Price List Reference	O	1
	1900	LDT	Lead Time	O	1
	2000	CUR	Currency	O	5
	2100	PO4	Item Physical Details	O	>1
	2200	CTB	Restrictions/Conditions	O	5
	2250	REF	Reference Information	O	>1
	2270	G43	Promotion/Price List Area	O	9999
	2280	SAC	Service, Promotion, Allowance, or Charge Information	O	>1
	2290	G26	Pricing Conditions	O	99
	2294	TXI	Tax Information	O	>1
	2297	ITD	Terms of Sale/Deferred Terms of Sale	O	>1
LOOP ID - 2210					>1
	2300	G40	Bracket Price	O	1
	2310	SAC	Service, Promotion, Allowance, or Charge Information	O	1
	2320	G93	Price Bracket Identification	O	>1
	2330	LS	Loop Header	O	1
LOOP ID - 2220					>1
	2340	LM	Code Source Information	O	1
	2350	LQ	Industry Code Identification	M	>1
	2360	LE	Loop Trailer	O	1
	2370	LS	Loop Header	O	1

LOOP ID - 2230				**>1**
2380	N1	Party Identification	O	1
2390	N2	Additional Name Information	O	2
2400	N3	Party Location	O	2
2410	N4	Geographic Location	O	2
2420	LE	Loop Trailer	O	1
LOOP ID - 2300				**>1**
2430	N1	Party Identification	O	1
2440	N2	Additional Name Information	O	2
2500	N3	Party Location	O	2
2600	N4	Geographic Location	O	1
2700	REF	Reference Information	O	12
2790	PER	Administrative Communications Contact	O	>1
2800	DTM	Date/Time Reference	O	10
2810	MTX	Text	O	>1
2820	PKG	Marking, Packaging, Loading	O	>1
2821	PAL	Pallet Type and Load Characteristics	O	>1
2825	SPI	Specification Identifier	O	1
LOOP ID - 2400				**>1**
2830	G39	Item Characteristics - Vendor's Selling Unit	O	1
2840	CTP	Pricing Information	O	1
LOOP ID - 2500				**20**
2850	PKL	Multi-Pack Configuration	O	1
2900	CTP	Pricing Information	O	1
2950	PKG	Marking, Packaging, Loading	O	2
2960	G53	Maintenance Type	O	1
2970	DTM	Date/Time Reference	O	>1
LOOP ID - 2550				**>1**
2980	BVI	Beverage Information	O	1
2982	SPT	Spirit and Liqueur Information	O	1
2984	WIN	Wine Information	O	1
2986	BER	Beer Information	O	1
LOOP ID - 2600				**1**
3000	LFG	Hazardous Information, Finished Goods	O	1
LOOP ID - 2610				**>1**
3100	CRC	Conditions Indicator	O	1
3200	QTY	Quantity Information	O	1
LOOP ID - 2700				**>1**
3300	LM	Code Source Information	O	1
LOOP ID - 2710				**>1**
3400	LQ	Industry Code Identification	M	1
3410	REF	Reference Information	O	>1
3420	EFI	Electronic Format Identification	O	1
3430	DTM	Date/Time Reference	O	>1

LOOP ID - 2711					>1
3440	PID	Product/Item Description	O	1	
3450	MEA	Measurements	O	>1	
3460	MTX	Text	O	1	
LOOP ID - 2720					25
3465	CER	Certification	O	1	
3470	COM	Communication Contact Information	O	20	
LOOP ID - 2730					50
3475	DET	Diet Information	O	1	
3476	CER	Certification	O	10	
3477	COM	Communication Contact Information	O	20	
LOOP ID - 2750					>1
3480	ALG	Allergen	O	1	
3482	N1	Party Identification	O	>1	
3484	REF	Reference Information	O	>1	
3486	COM	Communication Contact Information	O	>1	
LOOP ID - 2770					>1
3487	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1	
3488	LH4	Canadian Dangerous Requirements	O	1	
LOOP ID - 2800					>1
3500	SLN	Subline Item Detail	O	1	
3600	SI	Service Characteristic Identification	O	>1	
3700	PID	Product/Item Description	O	>1	
3800	DTM	Date/Time Reference	O	>1	
LOOP ID - 2804					>1
3900	CTP	Pricing Information	O	1	
3902	DTM	Date/Time Reference	O	>1	
3904	REF	Reference Information	O	>1	
3906	G43	Promotion/Price List Area	O	>1	
3908	TXI	Tax Information	O	>1	
3910	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
4000	PAM	Period Amount	O	>1	
4100	PO4	Item Physical Details	O	>1	
4200	PKG	Marking, Packaging, Loading	O	>1	
4300	QTY	Quantity Information	O	>1	
4400	MEA	Measurements	O	>1	
4500	SAC	Service, Promotion, Allowance, or Charge Information	O	>1	
4600	MTX	Text	O	>1	
4610	REF	Reference Information	O	>1	
LOOP ID - 2810					>1
4700	LM	Code Source Information	O	1	
4800	LQ	Industry Code Identification	M	>1	
LOOP ID - 2820					>1

	4810	N1	Party Identification	O	1	
	4820	N2	Additional Name Information	O	2	
	4830	N3	Party Location	O	2	
	4840	N4	Geographic Location	O	>1	
	4850	REF	Reference Information	O	12	
	4860	PER	Administrative Communications Contact	O	>1	
	4870	DTM	Date/Time Reference	O	10	
LOOP ID - 2900						>1
	4900	N9	Extended Reference Information	O	1	
	5000	DTM	Date/Time Reference	O	>1	
	5100	MTX	Text	O	>1	
	5200	PWK	Paperwork	O	>1	
	5300	EFI	Electronic Format Identification	O	>1	
LOOP ID - 3000						1
	5400	NF1	Nutrition Facts Panel	O	1	
LOOP ID - 3010						>1
N	5500	LX	Transaction Set Line Number	M	1	
	5520	NFE	Nutrition Facts Panel Product Name	M	1	
	5540	NF2	Serving Size Statement	O	1	
	5560	NF3	Servings Per Container Statement	O	1	
	5580	NF4	Nutrition Facts Panel Calorie	O	>1	
	5600	NF5	Nutrition Facts Panel Fats	O	>1	
	5620	NF6	Nutrition Facts Panel Carbohydrates	O	>1	
	5640	NF7	Nutrition Facts Panel Other Nutrients	O	>1	
	5660	NF8	Nutrition Facts Panel Vitamins and Minerals	O	>1	
	5680	NFD	Nutrition Facts Panel Footer Statement	O	>1	
LOOP ID - 3020						>1
C	6000	NFB	Nutrition Facts Panel Footer Calorie Diet	O	1	
	6020	NFC	Nutrition Facts Panel Footer Calorie Diet Nutrient Amounts	O	>1	
LOOP ID - 4000						>1
	6030	DAY	Dairy and Non-Dairy Alternative Information	O	1	
	6040	CHI	Cheese Information	O	>1	
LOOP ID - 5000						>1
	6050	FSH	Fish, Seafood, and Marine Life Product Information	O	1	
	6060	MCZ	Marine Catch Zone	O	>1	
LOOP ID - 6000						>1
	6070	CNP	Cannabis Product Information	O	1	
	6080	CTI	Cannabinoid Type Information	O	>1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

2/0150 If BCT10 is used and G5301 is used, then the G5301 takes precedence.

2/1695 When TRT04 is used, the TRD segment must be used to provide the ingredient detail information.

2/5500 The LX Loop will occur once for each product name or product variant name, identified in the NFE segment.

3/0100 Number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction.

Comments

2/6000 This segment provides the information from the Footer of the nutrition fact panel relating to the Calorie Diet(s). Example a 2000 or 2500 Calorie Diet, also includes the total Fat, Cholesterol, Sodium, Total Carbohydrates, and Dietary Fiber.

833 - Mortgage Credit Report Order

FUNCTIONAL GROUP=**ME**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Mortgage Credit Report Order Transaction Set (833) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a mortgage originator to request, track, and cancel a series of value-added, investigative credit reports which are typically required in mortgage lending. It is a collection of borrower information that is needed to order a mortgage credit report.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	LOOP ID - N1					100
N	0400	N1	Party Identification	M	1	
	0500	N2	Additional Name Information	O	2	
	0600	REF	Reference Information	O	12	
	0700	PER	Administrative Communications Contact	O	3	
	LOOP ID - N4					5
	0800	N4	Geographic Location	O	1	
	0900	N3	Party Location	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - CRO					200
	0100	CRO	Credit Report Order Details	M	1	
N	0200	REF	Reference Information	O	>1	
N	0300	PER	Administrative Communications Contact	O	3	
N	0400	K2	Administrative Message	O	10	
N	0500	LRQ	Mortgage Characteristics Requested	O	1	
	0510	DTP	Date or Time or Period	O	1	
	LOOP ID - N1					20
N	0600	N1	Party Identification	O	1	
	0700	N2	Additional Name Information	O	2	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	1	
	1000	REF	Reference Information	O	12	
	1100	PER	Administrative Communications Contact	O	3	
	1150	PWK	Paperwork	O	1	
	LOOP ID - NX1					20
N	1200	NX1	Property or Entity Identification	O	1	
	1300	NX2	Location ID Component	O	10	
	1330	DTP	Date or Time or Period	O	1	
	1340	QTY	Quantity Information	O	1	

LOOP ID - LX						**2**
N	1400	LX	Transaction Set Line Number	M	1	
N	1500	REF	Reference Information	O	12	
N	1600	PER	Administrative Communications Contact	O	3	
	1700	AIN	Income	O	10	
	1800	PPY	Personal Property Description	O	10	
	1900	CAI	Civil Action Income	O	20	
N	2000	CIV	Civil Action Liability	O	20	
	2010	YNQ	Yes/No Question	O	12	
	2020	DTP	Date or Time or Period	O	1	
	2030	QTY	Quantity Information	O	20	
LOOP ID - AMT						**10**
	2040	AMT	Monetary Amount Information	O	1	
	2050	MSG	Message Text	O	1	
LOOP ID - REA						**20**
N	2100	REA	Real Estate Property Information	O	1	
	2200	FPT	Financial Participation	O	1	
	2300	AMT	Monetary Amount Information	O	6	
	2400	NX1	Property or Entity Identification	O	1	
	2500	NX2	Location ID Component	O	30	
LOOP ID - IN1						**30**
N	2600	IN1	Individual Identification	M	1	
	2700	IN2	Individual Name Structure Components	O	10	
	2800	DMG	Demographic Information	O	1	
	2900	N10	Quantity and Description	O	1	
	2910	ACT	Account Identification	O	1	
LOOP ID - NX1						**10**
N	3000	NX1	Property or Entity Identification	M	1	
	3100	NX2	Location ID Component	M	30	
	3150	ARS	Applicant Residence Specifics	O	1	
	3200	DTP	Date or Time or Period	O	1	
	3300	N10	Quantity and Description	O	1	
LOOP ID - N1						**500**
N	3400	N1	Party Identification	O	1	
	3500	N2	Additional Name Information	O	2	
	3600	N3	Party Location	O	2	
	3700	N4	Geographic Location	O	1	
	3800	REF	Reference Information	O	12	
	3900	PER	Administrative Communications Contact	O	3	
N	3950	YNQ	Yes/No Question	O	3	
LOOP ID - EMP						**20**
N	4000	EMP	Employer	O	1	
	4100	DTP	Date or Time or Period	O	2	
	4150	QTY	Quantity Information	O	2	
LOOP ID - EMS						**10**

	4200	EMS	Employment Position	O	1			
	4300	DTP	Date or Time or Period	O	1			
	4350	QTY	Quantity Information	O	1			
	4400	AIN	Income	O	10			
	LOOP ID - FAA					100		
N	4500	FAA	Financial Asset Account	O	1			
	4600	DTP	Date or Time or Period	O	1			
	4700	AIN	Income	O	5			
	LOOP ID - IN1					10		
N	4800	IN1	Individual Identification	O	1			
	4900	IN2	Individual Name Structure Components	O	10			
	5000	FPT	Financial Participation	O	1			
	LOOP ID - CDA					100		
N	5100	CDA	Consumer Credit Account	O	1			
	5200	DTP	Date or Time or Period	O	1			
	5300	PPY	Personal Property Description	O	5			
	LOOP ID - IN1					10		
N	5400	IN1	Individual Identification	O	1			
	5500	IN2	Individual Name Structure Components	O	10			
	5600	FPT	Financial Participation	O	1			
	5700	SE	Transaction Set Trailer	M	1			

Notes

1/0400 The N1 segment identifies name, address and contact of requestor, vendor, default billing, etc.
2/0200 The REF segment identifies Order Number, Loan Number, etc.
2/0300 The PER segment is contact information for the requesting individual.
2/0400 The K2 segment gives special instructions for credit report.
2/0500 The LRQ segment contains the details of the loan including principal balance, interest rate, payment amounts, etc.
2/0600 The N1 loop identifies repository names, Bill To, Send To names, addresses and contacts.
2/1200 The NX1 loop is the property address for subject loan.
2/1400 The LX loop is the loop reference for individual credit subject.
2/1500 The REF segment is other identifying numbers for individuals.
2/1600 The PER segment identifies communications numbers for individuals.
2/2000 The CIV segment is the civil action liability item(s).
2/2100 The REA loop gives the details of real estate asset owned by individual.
2/2600 The IN1 loop identifies credit subject names, alias, dependents name and demographic data.
2/3000 The NX1 loop is the residence type, address and history.
2/3400 The N1 loop identifies names, addresses and contacts of personal references.
2/3950 The YNQ segment indicates whether or not special action is required for employment, financial assets or consumer credit accounts.
2/4000 The EMP loop provides current and previous employment information
2/4500 The FAA loop provides financial asset information.
2/4800 The IN1 loop identifies co-owners of asset accounts.
2/5100 The CDA loop provides consumer credit account information.
2/5400 The IN1 loop identifies other obligations.

834 - Benefit Enrollment and Maintenance

FUNCTIONAL GROUP=**BE**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Benefit Enrollment and Maintenance Transaction Set (834) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to establish communication between the sponsor of the insurance product and the payer. Such transaction(s) may or may not take place through a third party administrator (TPA).

For the purpose of this standard, the sponsor is the party or entity that ultimately pays for the coverage, benefit or product. A sponsor can be an employer, union, government agency, association, or insurance agency.

The payer refers to an entity that pays claims, administers the insurance product or benefit, or both. A payer can be an insurance company, health maintenance organization (HMO), preferred provider organization (PPO), government agency (Medicare, Medicaid, Champus, etc.), or an entity that may be contracted by one of these former groups.
For the purpose of the 834 transaction set, a third party administrator (TPA) can be contracted by a sponsor to handle data gathering from those covered by the sponsor if the sponsor does not elect to perform this function itself.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	REF	Reference Information	O	>1	
	0400	DTP	Date or Time or Period	O	>1	
N	0500	AMT	Monetary Amount Information	O	>1	
N	0600	QTY	Quantity Information	O	>1	
	LOOP ID - 1000					>1
N	0700	N1	Party Identification	M	1	
	0800	N2	Additional Name Information	O	2	
	0900	N3	Party Location	O	2	
	1000	N4	Geographic Location	O	1	
	1100	PER	Administrative Communications Contact	O	3	
	LOOP ID - 1100					10
	1200	ACT	Account Identification	O	1	
	1300	REF	Reference Information	O	5	
	1400	N3	Party Location	O	1	
	1500	N4	Geographic Location	O	1	
	1600	PER	Administrative Communications Contact	O	5	
	1700	DTP	Date or Time or Period	O	1	
	1800	AMT	Monetary Amount Information	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
N	0100	INS	Insured Benefit	O	1	
N	0200	REF	Reference Information	M	>1	
	0250	DTP	Date or Time or Period	O	>1	
	LOOP ID - 2100					>1
	0300	NM1	Individual or Organizational Name	O	1	
	0400	PER	Administrative Communications Contact	O	5	
	0500	N3	Party Location	O	1	
	0600	N4	Geographic Location	O	1	
	0800	DMG	Demographic Information	O	1	
	0840	DMH	Extended Demographic Information	O	1	
	0900	PM	Electronic Funds Transfer Information	O	1	
	1000	EC	Employment Class	O	>1	
	1100	ICM	Individual Income	O	1	
	1200	AMT	Monetary Amount Information	O	10	
	1300	HLH	Health Information	O	1	
	1400	HI	Health Care Information Codes	O	1	
	1500	LUI	Language Use	O	>1	
	LOOP ID - 2200					4
	2000	DSB	Disability Information	O	1	
	2100	DTP	Date or Time or Period	O	10	
	2200	AD1	Adjustment Amount	O	10	
	LOOP ID - 2300					99
	2600	HD	Health Coverage	O	1	
	2700	DTP	Date or Time or Period	O	10	
	2800	AMT	Monetary Amount Information	O	>1	
	2900	REF	Reference Information	O	>1	
	3000	IDC	Identification Card	O	>1	
	LOOP ID - 2310					30
N	3100	LX	Transaction Set Line Number	O	1	
N	3200	NM1	Individual or Organizational Name	O	1	
	3300	N1	Party Identification	O	3	
	3400	N2	Additional Name Information	O	1	
	3500	N3	Party Location	O	2	
	3600	N4	Geographic Location	O	2	
	3700	PER	Administrative Communications Contact	O	2	
	3800	PRV	Provider Information	O	1	
	3900	DTP	Date or Time or Period	O	6	
	3950	PLA	Place or Location	O	1	
	LOOP ID - 2320					10
	4000	COB	Coordination of Benefits	O	1	
	4050	REF	Reference Information	O	>1	
	4070	DTP	Date or Time or Period	O	2	
	LOOP ID - 2330					3

	4100	NM1	Individual or Organizational Name	O	1	
	4200	N2	Additional Name Information	O	1	
	4300	N3	Party Location	O	2	
	4400	N4	Geographic Location	O	1	
	4500	PER	Administrative Communications Contact	O	1	
LOOP ID - 2400						10
	4600	LC	Life Coverage	O	1	
	4700	AMT	Monetary Amount Information	O	5	
	4800	DTP	Date or Time or Period	O	2	
	4850	REF	Reference Information	O	>1	
LOOP ID - 2410						20
	4900	BEN	Beneficiary or Owner Information	O	1	
	5000	NM1	Individual or Organizational Name	O	1	
	5100	N1	Party Identification	O	1	
	5200	N2	Additional Name Information	O	1	
	5300	N3	Party Location	O	1	
	5400	N4	Geographic Location	O	1	
	5420	DMG	Demographic Information	O	1	
	5440	DMH	Extended Demographic Information	O	1	
LOOP ID - 2500						10
N	5500	FSA	Tax Advantage Account	O	1	
	5600	AMT	Monetary Amount Information	O	10	
	5700	DTP	Date or Time or Period	O	10	
	5750	REF	Reference Information	O	>1	
LOOP ID - 2600						>1
	5800	RP	Retirement Product	O	1	
	5900	DTP	Date or Time or Period	O	>1	
	5920	REF	Reference Information	O	>1	
	5940	INV	Investment Vehicle Selection	O	>1	
	5960	AMT	Monetary Amount Information	O	20	
	5970	QTY	Quantity Information	O	20	
	5980	K3	File Information	O	3	
	6000	REL	Relationship	O	1	
LOOP ID - 2610						>1
	6100	NM1	Individual or Organizational Name	O	1	
	6300	N2	Additional Name Information	O	1	
	6510	DMG	Demographic Information	O	1	
	6515	DMH	Extended Demographic Information	O	1	
	6520	BEN	Beneficiary or Owner Information	O	1	
	6530	REF	Reference Information	O	>1	
LOOP ID - 2620						>1
	6540	NX1	Property or Entity Identification	O	1	
	6550	N3	Party Location	O	1	
	6560	N4	Geographic Location	O	1	
	6570	DTP	Date or Time or Period	O	>1	

LOOP ID - 2630				>1
6600	FC	Financial Contribution	O	1
6700	DTP	Date or Time or Period	O	>1
LOOP ID - 2640				>1
6780	INV	Investment Vehicle Selection	O	1
6790	DTP	Date or Time or Period	O	>1
6800	QTY	Quantity Information	O	>1
6810	ENT	Entity	O	>1
6820	REF	Reference Information	O	>1
6830	AMT	Monetary Amount Information	O	20
6840	K3	File Information	O	3
LOOP ID - 2650				>1
6850	AIN	Income	O	1
6860	QTY	Quantity Information	O	>1
6870	DTP	Date or Time or Period	O	>1
6880	LS	Loop Header	O	1
LOOP ID - 2700				>1
6881	LX	Transaction Set Line Number	O	1
LOOP ID - 2750				>1
6882	N1	Party Identification	M	1
6883	REF	Reference Information	M	2
6884	DTP	Date or Time or Period	O	1
6885	LE	Loop Trailer	O	1
6900	SE	Transaction Set Trailer	M	1

Notes

1/0500 The AMT segment is used to record the total Flexible Spending Account contributions in the transaction set.

1/0600 The QTY segment is used to record the total number of subscribers and dependents in the transaction set.

1/0700 At least one iteration of loop 1000 is required to identify the sender or receiver.

2/0100 A Subscriber is a person who elects the benefits and is affiliated with the employer or the insurer. A Dependent is a person who is affiliated with the subscriber, such as a spouse, child, etc., and is therefore entitled to benefits. Subscriber information must come before dependent information. The INS segment is used to note if information being submitted is subscriber information or dependent information.

2/0200 The REF segment is required to link the dependent(s) to the subscriber.

2/3100 Loop 2310 contains information about the primary care providers for the subscriber or the dependent, and about the beneficiaries of any employer-sponsored life insurance for the subscriber.

2/3200 Either NM1 or N1 will be included depending on whether an individual or organization is being specified.

2/5500 Loop 2500 may only appear for the Subscriber.

835 - Health Care Claim Payment/Advice

FUNCTIONAL GROUP=**HP**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Health Care Claim Payment/Advice Transaction Set (835) for use within the context of the Electronic Data Interchange (EDI) environment. This transaction set can be used to make a payment, send an Explanation of Benefits (EOB) remittance advice, or make a payment and send an EOB remittance advice only from a health insurer to a health care provider either directly or via a financial institution.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1	
	0300	NTE	Note/Special Instruction	O	>1	
	0400	TRN	Trace	O	1	
	0500	CUR	Currency	O	1	
	0600	REF	Reference Information	O	>1	
	0700	DTM	Date/Time Reference	O	>1	
	LOOP ID - 1000					200
C	0800	N1	Party Identification	O	1	
	0900	N2	Additional Name Information	O	>1	
	1000	N3	Party Location	O	>1	
	1100	N4	Geographic Location	O	1	
	1200	REF	Reference Information	O	>1	
	1300	PER	Administrative Communications Contact	O	>1	
	1400	RDM	Remittance Delivery Method	O	1	
	1500	DTM	Date/Time Reference	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
N	0030	LX	Transaction Set Line Number	O	1	
	0050	TS3	Transaction Statistics	O	1	
	0070	TS2	Transaction Supplemental Statistics	O	1	
	LOOP ID - 2100					>1
	0100	CLP	Claim Level Data	M	1	
N	0200	CAS	Claims Adjustment	O	99	
	0250	RAS	Reason Adjustment	O	99	
	0300	NM1	Individual or Organizational Name	M	>1	
	0330	MIA	Inpatient Adjudication	O	1	
	0350	MOA	Outpatient Adjudication	O	1	
	0400	REF	Reference Information	O	99	
	0500	DTM	Date/Time Reference	O	9	
	0600	PER	Administrative Communications Contact	O	9	
	0620	AMT	Monetary Amount Information	O	20	

	0640	QTY	Quantity Information	O	20	
	0650	K3	File Information	O	1	
	0660	LQ	Industry Code Identification	O	>1	
LOOP ID - 2105						10
	0670	N1	Party Identification	O	1	
	0675	NM1	Individual or Organizational Name	O	1	
LOOP ID - 2110						999
	0700	SVC	Service Information	O	1	
N	0800	DTM	Date/Time Reference	O	9	
N	0900	CAS	Claims Adjustment	O	99	
	0950	RAS	Reason Adjustment	O	99	
	1000	REF	Reference Information	O	99	
	1100	AMT	Monetary Amount Information	O	20	
	1200	QTY	Quantity Information	O	20	
	1300	LQ	Industry Code Identification	O	99	
	1400	TOO	Tooth Identification	O	32	
	1500	K3	File Information	O	1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	PLB	Provider Level Adjustment	O	>1	
0200	SE	Transaction Set Trailer	M	1	

Notes

2/0030 The LX segment is used to provide a looping structure and logical grouping of claim payment information.

2/0200 The CAS segment is used to reflect changes to amounts within Table 2.

2/0800 The DTM segment in the SVC loop is to be used to express dates and date ranges specifically related to the service identified in the SVC segment.

2/0900 The CAS segment is used to reflect changes to amounts within Table 2.

Comments

1/0400 The TRN segment is used to uniquely identify a claim payment and advice.

1/0500 The CUR segment does not initiate a foreign exchange transaction.

1/0800 The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.

836 - Procurement Notices

FUNCTIONAL GROUP=**RQ**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Procurement Notices Transaction Set (836) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by the buyer to notify the seller or other interested parties of the award or pending award of a contract which may contain some indefinite features, such as delivery schedule, location, and/or quantities. This transaction set can also be used for purchasing actions such as the notification of intent to award or actual award of a small business set-aside purchase, notification of being outside of the competitive range, notice of receipt of protest, notice of receipt of a late bid, notice of bid rejection, notice of the disposition of an unsolicited proposal, public notice of the abstract of bids, and the notification of the award of a requirements type contract.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0050	ST	Transaction Set Header	M	1	
0080	BCO	Beginning Segment for Procurement Notices	M	1	
0100	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
0120	CTB	Restrictions/Conditions	O	5	
0140	CTP	Pricing Information	O	25	
0160	FOB	F.O.B. Related Instructions	O	1	
0180	AMT	Monetary Amount Information	O	>1	
0200	QTY	Quantity Information	O	>1	
0210	DTM	Date/Time Reference	O	>1	
0220	LDT	Lead Time	O	>1	
0230	PWK	Paperwork	O	>1	
0240	MTX	Text	O	>1	
LOOP ID - N1					>1
0250	N1	Party Identification	O	1	
0260	N2	Additional Name Information	O	2	
0270	N3	Party Location	O	2	
0280	N4	Geographic Location	O	1	
0290	REF	Reference Information	O	>1	
0300	PER	Administrative Communications Contact	O	>1	
0310	FOB	F.O.B. Related Instructions	O	1	
LOOP ID - LM					>1
0330	LM	Code Source Information	O	1	
0340	LQ	Industry Code Identification	M	>1	
LOOP ID - PO1					>1
0350	PO1	Baseline Item Data	O	1	
0400	PO3	Additional Item Detail	O	>1	
0500	CTP	Pricing Information	O	>1	
0600	PID	Product/Item Description	O	>1	

0650	SI	Service Characteristic Identification	O	>1	
0700	MEA	Measurements	O	>1	
0800	PWK	Paperwork	O	>1	
1000	PER	Administrative Communications Contact	O	>1	
1010	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
1020	DTM	Date/Time Reference	O	10	
1030	CTB	Restrictions/Conditions	O	1	
1040	QTY	Quantity Information	O	>1	
1050	AMT	Monetary Amount Information	O	>1	
LOOP ID - REF					>1
1070	REF	Reference Information	O	1	
1080	DTM	Date/Time Reference	O	>1	
LOOP ID - SLN					>1
1100	SLN	Subline Item Detail	O	1	
1200	PID	Product/Item Description	O	>1	
LOOP ID - N1					>1
1300	N1	Party Identification	O	1	
1400	N2	Additional Name Information	O	2	
1500	N3	Party Location	O	2	
1600	N4	Geographic Location	O	1	
1700	REF	Reference Information	O	>1	
1800	PER	Administrative Communications Contact	O	>1	
1810	FOB	F.O.B. Related Instructions	O	>1	
1820	DTM	Date/Time Reference	O	>1	
1830	LDT	Lead Time	O	>1	
1840	MTX	Text	O	>1	
LOOP ID - LM					>1
1850	LM	Code Source Information	O	1	
1860	LQ	Industry Code Identification	M	>1	
1900	SE	Transaction Set Trailer	M	1	

837 - Health Care Claim

FUNCTIONAL GROUP=**HC**
SUBCOMMITTEE=**N**

This X12 Transaction Set contains the format and establishes the data contents of the Health Care Claim Transaction Set (837) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to submit health care claim billing information, encounter information, or both, from providers of health care services to payers, either directly or via intermediary billers and claims clearinghouses. It can also be used to transmit health care claims and billing payment information between payers with different payment responsibilities where coordination of benefits is required or between payers and regulatory agencies to monitor the rendering, billing, and/or payment of health care services within a specific health care/insurance industry segment.

For purposes of this standard, providers of health care products or services may include entities such as physicians, hospitals and other medical facilities or suppliers, dentists, and pharmacies, and entities providing medical information to meet regulatory requirements. The payer refers to a third party entity that pays claims or administers the insurance product or benefit or both. For example, a payer may be an insurance company, health maintenance organization (HMO), preferred provider organization (PPO), government agency (Medicare, Medicaid, Civilian Health and Medical Program of the Uniformed Services (CHAMPUS), etc.) or an entity such as a third party administrator (TPA) or third party organization (TPO) that may be contracted by one of those groups. A regulatory agency is an entity responsible, by law or rule, for administering and monitoring a statutory benefits program or a specific health care/insurance industry segment.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0050	ST	Transaction Set Header	M	1	
	0100	BHT	Beginning of Hierarchical Transaction	M	1	
	0150	REF	Reference Information	O	3	
	LOOP ID - 1000					10
N	0200	NM1	Individual or Organizational Name	O	1	
	0250	N2	Additional Name Information	O	2	
	0300	N3	Party Location	O	2	
	0350	N4	Geographic Location	O	1	
	0400	REF	Reference Information	O	2	
	0450	PER	Administrative Communications Contact	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 2000					>1
	0010	HL	Hierarchical Level	M	1	
	0030	PRV	Provider Information	O	1	

	0050	SBR	Subscriber Information	O	1	
	0070	PAT	Patient Information	O	1	
	0090	DTP	Date or Time or Period	O	5	
	0100	CUR	Currency	O	1	
	0120	REL	Relationship	O	1	
LOOP ID - 2010						10
N	0150	NM1	Individual or Organizational Name	O	1	
	0200	N2	Additional Name Information	O	2	
	0250	N3	Party Location	O	2	
	0300	N4	Geographic Location	O	1	
	0320	DMG	Demographic Information	O	1	
	0330	DMH	Extended Demographic Information	O	1	
	0350	REF	Reference Information	O	20	
	0400	PER	Administrative Communications Contact	O	2	
	0500	LUI	Language Use	O	>1	
LOOP ID - 2300						100
	1300	CLM	Health Claim	O	1	
	1350	DTP	Date or Time or Period	O	150	
	1400	CL1	Claim Codes	O	1	
	1450	DN1	Orthodontic Information	O	1	
	1500	DN2	Tooth Summary	O	35	
	1550	PWK	Paperwork	O	15	
	1600	CN1	Contract Information	O	1	
	1650	DSB	Disability Information	O	1	
	1700	UR	Peer Review Organization or Utilization Review	O	1	
	1750	AMT	Monetary Amount Information	O	40	
	1800	REF	Reference Information	O	30	
	1850	K3	File Information	O	10	
	1900	NTE	Note/Special Instruction	O	20	
N	1950	CR1	Ambulance Certification	O	1	
	2000	CR2	Chiropractic Certification	O	1	
	2050	CR3	Durable Medical Equipment Certification	O	1	
	2100	CR4	Enteral or Parenteral Therapy Certification	O	3	
	2150	CR5	Oxygen Therapy Certification	O	1	
	2160	CR6	Home Health Care Certification	O	1	
	2190	CR8	Implant Certification	O	9	
	2200	CRC	Conditions Indicator	O	100	
	2310	HI	Health Care Information Codes	O	25	
	2350	PCU	Parameter for Clinical Use	O	10	
	2400	QTY	Quantity Information	O	10	
	2410	HCP	Health Care Pricing	O	1	
LOOP ID - 2305						6
	2420	CR7	Home Health Treatment Plan Certification	O	1	
	2430	HSD	Health Care Services Delivery	O	12	
LOOP ID - 2310						9
N	2500	NM1	Individual or Organizational Name	O	1	

	2550	PRV	Provider Information	O	1	
	2600	N2	Additional Name Information	O	2	
	2650	N3	Party Location	O	2	
	2700	N4	Geographic Location	O	1	
	2710	REF	Reference Information	O	20	
	2750	PER	Administrative Communications Contact	O	2	
LOOP ID - 2320						10
N	2900	SBR	Subscriber Information	O	1	
	2950	CAS	Claims Adjustment	O	99	
	2980	RAS	Reason Adjustment	O	99	
	3000	AMT	Monetary Amount Information	O	15	
	3050	DMG	Demographic Information	O	1	
	3060	DMH	Extended Demographic Information	O	1	
	3070	PCU	Parameter for Clinical Use	O	1	
	3100	OI	Other Health Insurance Information	O	1	
	3150	MIA	Inpatient Adjudication	O	1	
	3200	MOA	Outpatient Adjudication	O	1	
	3225	HI	Health Care Information Codes	O	1	
	3230	LQ	Industry Code Identification	O	99	
LOOP ID - 2330						10
N	3250	NM1	Individual or Organizational Name	O	1	
	3300	N2	Additional Name Information	O	2	
	3320	N3	Party Location	O	2	
	3400	N4	Geographic Location	O	1	
	3450	PER	Administrative Communications Contact	O	2	
	3500	DTP	Date or Time or Period	O	9	
	3550	REF	Reference Information	O	>1	
LOOP ID - 2400						>1
N	3650	LX	Transaction Set Line Number	O	1	
	3700	SV1	Professional Service	O	1	
	3750	SV2	Institutional Service	O	1	
	3800	SV3	Dental Service	O	1	
	3810	PCU	Parameter for Clinical Use	O	10	
	3820	TOO	Tooth Identification	O	32	
	3850	SV4	Drug Service	O	1	
	4000	SV5	Durable Medical Equipment Service	O	1	
	4050	SV6	Anesthesia Service	O	1	
	4100	SV7	Drug Adjudication	O	1	
	4150	HI	Health Care Information Codes	O	25	
	4200	PWK	Paperwork	O	15	
N	4250	CR1	Ambulance Certification	O	1	
	4300	CR2	Chiropractic Certification	O	5	
	4350	CR3	Durable Medical Equipment Certification	O	1	
	4400	CR4	Enteral or Parenteral Therapy Certification	O	3	
	4450	CR5	Oxygen Therapy Certification	O	1	
	4500	CRC	Conditions Indicator	O	5	

	4550	DTP	Date or Time or Period	O	15		
	4600	QTY	Quantity Information	O	5		
	4620	MEA	Measurements	O	20		
	4650	CN1	Contract Information	O	1		
	4700	REF	Reference Information	O	40		
	4750	AMT	Monetary Amount Information	O	15		
	4800	K3	File Information	O	10		
	4850	NTE	Note/Special Instruction	O	10		
	4880	PS1	Purchase Service	O	1		
	4900	IMM	Immunization Status	O	>1		
	4910	HSD	Health Care Services Delivery	O	1		
	4920	HCP	Health Care Pricing	O	1		
	4925	CR8	Implant Certification	O	>1		
LOOP ID - 2410						>1	
N	4930	LIN	Item Identification	O	1		
	4940	CTP	Pricing Information	O	1		
	4950	REF	Reference Information	O	1		
	4960	SV4	Drug Service	O	1		
	4970	SV7	Drug Adjudication	O	1		
LOOP ID - 2420						10	
N	5000	NM1	Individual or Organizational Name	O	1		
	5050	PRV	Provider Information	O	1		
	5100	N2	Additional Name Information	O	2		
	5140	N3	Party Location	O	2		
	5200	N4	Geographic Location	O	1		
	5250	REF	Reference Information	O	20		
	5300	PER	Administrative Communications Contact	O	2		
LOOP ID - 2430						>1	
	5400	SVD	Service Line Adjudication	O	1		
	5450	CAS	Claims Adjustment	O	99		
	5480	RAS	Reason Adjustment	O	99		
	5500	DTP	Date or Time or Period	O	9		
	5505	AMT	Monetary Amount Information	O	20		
	5507	LQ	Industry Code Identification	O	99		
	5509	LS	Loop Header	O	1		
LOOP ID - 2440						>1	
	5510	LQ	Industry Code Identification	O	1		
	5520	FRM	Supporting Documentation	M	99		
	5525	LE	Loop Trailer	O	1		
	5550	SE	Transaction Set Trailer	M	1		

Notes

1/0200 Loop 1000 contains submitter and receiver information. If any intermediary receivers change or add data in any way, then they add an occurrence to the loop as a form of identification. The added loop occurrence must be the last occurrence of the loop.

2/0150 Loop 2010 contains information about entities that apply to all claims in loop 2300. For example, these entities may include billing provider, pay-to provider address, insurer, primary administrator, contract holder, pay-to plan, pay-to factoring agent, or claimant.

2/1950 The CR1 through CR5 and CRC certification segments appear on both the claim level and the service line level because certifications can be submitted for all services on a claim or for individual services. Certification information at the claim level applies to all service lines of the claim, unless overridden by certification information at the service line level.

2/2500 Loop 2310 contains information about the claim level providers including, but not limited to: rendering, referring, and attending.

2/2900 Loop 2320 contains insurance information about: paying and other Insurance Carriers for that Subscriber, Subscriber of the Other Insurance Carriers, School or Employer Information for that Subscriber.

2/3250 Segments NM1-N4 contain name and address information for the entities referenced in loop 2320.

2/3650 Loop 2400 contains Service Line information.

2/4250 The CR1 through CR5 and CRC certification segments appear on both the claim level and the service line level because certifications can be submitted for all services on a claim or for individual services. Certification information at the claim level applies to all service lines of the claim, unless overridden by certification information at the service line level.

2/4930 Loop 2410 contains compound drug components or medical and surgical supplies with their quantities and prices.

2/5000 Loop 2420 contains information about the service line providers including, but not limited to: rendering, referring and attending. These segments override the information in the claim - level segments if the entity identifier codes in each NM1 segment are the same.

838 - Trading Partner Profile

FUNCTIONAL GROUP=**TD**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Trading Partner Profile Transaction Set (838) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to request, change, verify or transmit business profile information to or from a trading partner. This information can be used by the receiver to facilitate the processing of the sender's business transactions.

The transaction set may be used to convey government survey information, business classification, general survey information, summary supplier ratings, changes in the EDI environment information, tax information, entity relationships, and general business profile information to update automated information data bases between trading partners.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BTP	Beginning Segment For Trading Partner Profile	M	1	
	0210	REQ	Request Information	O	1	
	0250	PER	Administrative Communications Contact	O	1	
	0270	SPI	Specification Identifier	O	>1	
	0280	DTM	Date/Time Reference	O	>1	
	LOOP ID - LX					>1
	0290	LX	Transaction Set Line Number	O	1	
N	0300	PLA	Place or Location	O	1	
	0400	LCD	Place/Location Description	O	>1	
	0500	LIN	Item Identification	O	>1	
	LOOP ID - N1					>1
	0600	N1	Party Identification	O	1	
	0700	N2	Additional Name Information	O	2	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	1	
N	0950	MS1	Equipment, Shipment, or Real Property Location	O	1	
	1000	N9	Extended Reference Information	O	>1	
	1100	PER	Administrative Communications Contact	O	>1	
	1200	CUR	Currency	O	>1	
	1300	TAX	Tax Reference	O	>1	
	1400	FOB	F.O.B. Related Instructions	O	>1	
	1500	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	1600	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1	
	1650	SPI	Specification Identifier	O	>1	
	1700	FBB	Foreign and Industry Business	O	>1	
	1710	DTM	Date/Time Reference	O	10	
	1720	MEA	Measurements	O	>1	

LOOP ID - LCD					>1
	1730	LCD	Place/Location Description	O	1
	1740	N2	Additional Name Information	O	1
	1750	N4	Geographic Location	O	1
N	1760	MS1	Equipment, Shipment, or Real Property Location	O	1
	1770	DMG	Demographic Information	O	>1
	1780	MEA	Measurements	O	>1
LOOP ID - TPD					>1
	1800	TPD	Trading Partner Detail	O	1
	1900	N9	Extended Reference Information	O	>1
	2000	PID	Product/Item Description	O	>1
	2100	DTM	Date/Time Reference	O	>1
	2150	LS	Loop Header	O	1
LOOP ID - TUD					>1
	2200	TUD	Trade Union Data	O	1
	2300	DTM	Date/Time Reference	O	>1
	2400	N1	Party Identification	O	1
	2500	N2	Additional Name Information	O	2
	2600	N3	Party Location	O	2
	2700	N4	Geographic Location	O	1
	2800	PER	Administrative Communications Contact	O	>1
	2850	LE	Loop Trailer	O	1
LOOP ID - SPR					>1
	2900	SPR	Supplier Rating	O	1
	3000	N9	Extended Reference Information	O	>1
	3100	DTM	Date/Time Reference	O	>1
LOOP ID - PAM					>1
	3200	PAM	Period Amount	O	1
	3300	DTM	Date/Time Reference	O	>1
	3400	TAX	Tax Reference	O	>1
	3500	CUR	Currency	O	>1
LOOP ID - TXN					>1
	3600	TXN	Transaction Capabilities	O	1
	3700	N9	Extended Reference Information	O	>1
	3800	DTM	Date/Time Reference	O	>1
LOOP ID - LM					>1
	3810	LM	Code Source Information	O	1
	3820	LQ	Industry Code Identification	M	>1
LOOP ID - ENE					>1
	3900	ENE	Electronic Systems Environment	O	1
LOOP ID - N1					>1
	4000	N1	Party Identification	O	1
	4100	N2	Additional Name Information	O	2
	4200	N3	Party Location	O	2

4300	N4	Geographic Location	O	1	
4400	TPD	Trading Partner Detail	O	>1	
4500	PID	Product/Item Description	O	>1	
4600	N9	Extended Reference Information	O	>1	
4700	PER	Administrative Communications Contact	O	>1	
LOOP ID - TXN					>1
4800	TXN	Transaction Capabilities	O	1	
4900	N9	Extended Reference Information	O	>1	
5000	DTM	Date/Time Reference	O	>1	
5100	ERI	Entity Relationship	O	>1	
5200	AMT	Monetary Amount Information	O	>1	
5300	SE	Transaction Set Trailer	M	1	

Notes

1/0300 For each occurrence of the PLA segment within the LX loop, the sum of FBB03 for separately identified countries cannot exceed 100.

1/0950 The MS1 segment is used to pass the latitude and longitude of the party identified in the N1 loop.

1/1760 The MS1 segment is used to pass the latitude and longitude of the place/location identified in the LCD loop.

839 - Project Cost Reporting

FUNCTIONAL GROUP=**PK**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Project Cost Reporting Transaction Set (839) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides the transmission of cost and schedule information to support performance measurement (earned value), program management reporting, and contract funds status reporting. This transaction set will also support the Department of Defense (DoD), Department of Energy (DoE), NASA, and other government agency Cost/Schedule Control Systems Criteria (C/SCSC) and funds status reporting requirements. It is designed to serve the needs of government agencies, prime contractors, and their subcontractors.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BCS	Beginning Segment for Project Cost Reporting	M	1	
	0300	REF	Reference Information	O	>1	
	0400	DLV	Deliverable Information	O	>1	
	0500	AMT	Monetary Amount Information	O	>1	
	0600	PCT	Percent Amounts	O	>1	
	0700	DTM	Date/Time Reference	O	>1	
	LOOP ID - N1					>1
N	0800	N1	Party Identification	M	1	
	0900	N2	Additional Name Information	O	2	
	1000	N3	Party Location	O	2	
	1100	N4	Geographic Location	O	1	
	1200	PER	Administrative Communications Contact	O	>1	
	1300	REF	Reference Information	O	>1	
	1400	DTM	Date/Time Reference	O	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - CFT					>1
0100	CFT	Cost Reporting Format Type	M	1	
0200	CAL	Calendar	O	>1	
0300	REF	Reference Information	O	>1	
LOOP ID - BSD					>1
0400	BSD	Breakdown Structure Description	O	1	
0500	REF	Reference Information	O	>1	
0600	DTM	Date/Time Reference	O	>1	
0700	AMT	Monetary Amount Information	O	>1	
0800	QTY	Quantity Information	O	>1	
0900	PAM	Period Amount	O	>1	
1000	PCT	Percent Amounts	O	>1	
1100	RPA	Rate Amounts or Percents	O	>1	

1150	PER	Administrative Communications Contact	O	>1	
1200	MSG	Message Text	O	>1	
LOOP ID - CLI					>1
1300	CLI	Cost Line Item	O	1	
1400	REF	Reference Information	O	>1	
1500	DTM	Date/Time Reference	O	>1	
1600	AMT	Monetary Amount Information	O	>1	
1700	QTY	Quantity Information	O	>1	
1800	PAM	Period Amount	O	>1	
1900	PCT	Percent Amounts	O	>1	
2000	RPA	Rate Amounts or Percents	O	>1	
2050	PER	Administrative Communications Contact	O	>1	
2100	SE	Transaction Set Trailer	M	1	

Notes

1/0800 At least one iteration of the N1 loop is required to identify the contractor.

840 - Request for Quotation

FUNCTIONAL GROUP=**RQ**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Request for Quotation Transaction Set (840) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide potential buyers with the ability to solicit price, delivery schedule, and other items from potential sellers of goods and services.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BQT	Beginning Segment for Request for Quotation	M	1	
	0400	CUR	Currency	O	1	
	0450	INC	Installment Information	O	1	
	0500	REF	Reference Information	O	>1	
	0600	PER	Administrative Communications Contact	O	3	
	0700	TAX	Tax Reference	O	3	
	0800	FOB	F.O.B. Related Instructions	O	>1	
	0900	CTP	Pricing Information	O	>1	
	0950	PAM	Period Amount	O	10	
	1100	CSH	Sales Requirements	O	25	
	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	1400	DIS	Discount Detail	O	20	
	1500	DTM	Date/Time Reference	O	10	
N	1800	LIN	Item Identification	O	5	
	1900	PID	Product/Item Description	O	200	
	2000	MEA	Measurements	O	40	
	2100	PWK	Paperwork	O	25	
	2200	PKG	Marking, Packaging, Loading	O	200	
	2300	TD1	Carrier Details (Quantity and Weight)	O	2	
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	2500	TD3	Carrier Details (Equipment)	O	12	
	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	2700	MAN	Marks and Numbers Information	O	10	
	2800	RRA	Required Response	O	100	
	2850	CTB	Restrictions/Conditions	O	>1	
	LOOP ID - LDT					>1
	2860	LDT	Lead Time	O	1	
	2870	QTY	Quantity Information	O	>1	
	2880	MTX	Text	O	>1	
	LOOP ID - N9					1000
	2900	N9	Extended Reference Information	O	1	
	2950	DTM	Date/Time Reference	O	>1	

3000	MTX	Text	O	>1	
3050	PWK	Paperwork	O	>1	
3080	EFI	Electronic Format Identification	O	>1	
LOOP ID - N1					10000
3100	N1	Party Identification	O	1	
3200	N2	Additional Name Information	O	2	
3300	N3	Party Location	O	2	
3400	N4	Geographic Location	O	>1	
3500	REF	Reference Information	O	12	
3600	PER	Administrative Communications Contact	O	>1	
3650	SI	Service Characteristic Identification	O	>1	
3700	FOB	F.O.B. Related Instructions	O	1	
3800	TD1	Carrier Details (Quantity and Weight)	O	2	
3900	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
4000	TD3	Carrier Details (Equipment)	O	12	
4100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
4200	PKG	Marking, Packaging, Loading	O	200	
4300	RRA	Required Response	O	25	
LOOP ID - SPI					1
4400	SPI	Specification Identifier	O	1	
4500	REF	Reference Information	O	5	
4600	DTM	Date/Time Reference	O	5	
4700	MTX	Text	O	>1	
LOOP ID - N1					20
4900	N1	Party Identification	O	1	
5000	N2	Additional Name Information	O	2	
5100	N3	Party Location	O	2	
5200	N4	Geographic Location	O	1	
5300	REF	Reference Information	O	20	
5400	G61	Contact	O	1	
5500	MTX	Text	O	>1	
LOOP ID - CB1					>1
5600	CB1	Contract and Cost Accounting Standards Data	O	1	
5700	REF	Reference Information	O	20	
5800	DTM	Date/Time Reference	O	5	
5900	LDT	Lead Time	O	1	
6000	MTX	Text	O	>1	
LOOP ID - PCT					>1
6100	PCT	Percent Amounts	O	1	
6200	AMT	Monetary Amount Information	O	>1	
LOOP ID - ADV					>1
6300	ADV	Advertising Demographic Information	O	1	
6400	DTM	Date/Time Reference	O	>1	
6500	MTX	Text	O	>1	

LOOP ID - LM					>1
6600	LM	Code Source Information	O	1	
6700	LQ	Industry Code Identification	M	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - PO1					100000
0100	PO1	Baseline Item Data	M	1	
0150	LIN	Item Identification	O	>1	
0170	G53	Maintenance Type	O	1	
0200	CUR	Currency	O	1	
0250	CN1	Contract Information	O	1	
0300	PO3	Additional Item Detail	O	25	
0400	CTP	Pricing Information	O	>1	
0450	PAM	Period Amount	O	10	
0470	CTB	Restrictions/Conditions	O	>1	
0490	MEA	Measurements	O	40	
LOOP ID - PID					1000
0500	PID	Product/Item Description	O	1	
0600	MEA	Measurements	O	10	
0700	PWK	Paperwork	O	25	
0800	PKG	Marking, Packaging, Loading	O	200	
0900	PO4	Item Physical Details	O	>1	
1000	REF	Reference Information	O	>1	
1100	PER	Administrative Communications Contact	O	3	
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
1400	IT8	Conditions of Sale	O	25	
1420	CSH	Sales Requirements	O	>1	
1500	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
1600	DIS	Discount Detail	O	20	
1650	INC	Installment Information	O	1	
1700	TAX	Tax Reference	O	3	
1800	FOB	F.O.B. Related Instructions	O	>1	
1900	SDQ	Destination Quantity	O	50	
2000	DTM	Date/Time Reference	O	10	
2300	FST	Forecast Schedule	O	>1	
2400	TD1	Carrier Details (Quantity and Weight)	O	1	
2500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
2600	TD3	Carrier Details (Equipment)	O	12	
2700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
2800	MAN	Marks and Numbers Information	O	10	
2890	RRA	Required Response	O	25	
2900	MTX	Text	O	>1	
2910	SPI	Specification Identifier	O	>1	
LOOP ID - LM					>1
2920	LM	Code Source Information	O	1	

	2930	LQ	Industry Code Identification	M	>1	
LOOP ID - QTY						>1
	2940	QTY	Quantity Information	O	1	
	2950	SI	Service Characteristic Identification	O	>1	
LOOP ID - SCH						104
N	2960	SCH	Line Item Schedule	O	1	
	2970	TD1	Carrier Details (Quantity and Weight)	O	2	
	2980	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	2990	TD3	Carrier Details (Equipment)	O	12	
	3000	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	3010	REF	Reference Information	O	>1	
LOOP ID - LDT						>1
	3020	LDT	Lead Time	O	1	
	3030	QTY	Quantity Information	O	>1	
	3040	MTX	Text	O	>1	
LOOP ID - LM						1
	3050	LM	Code Source Information	O	1	
	3060	LQ	Industry Code Identification	M	1	
LOOP ID - SLN						1000
	3080	SLN	Subline Item Detail	O	1	
	3090	MTX	Text	O	>1	
	3100	PID	Product/Item Description	O	1000	
	3150	ADV	Advertising Demographic Information	O	>1	
LOOP ID - QTY						>1
	3160	QTY	Quantity Information	O	1	
	3170	SI	Service Characteristic Identification	O	>1	
LOOP ID - N9						1000
	3200	N9	Extended Reference Information	O	1	
	3250	DTM	Date/Time Reference	O	>1	
	3300	MTX	Text	O	>1	
	3350	PWK	Paperwork	O	>1	
	3380	EFI	Electronic Format Identification	O	>1	
LOOP ID - N1						>1
	3400	N1	Party Identification	O	1	
	3500	N2	Additional Name Information	O	2	
	3600	N3	Party Location	O	2	
	3700	N4	Geographic Location	O	1	
	3750	QTY	Quantity Information	O	>1	
	3800	REF	Reference Information	O	12	
	3900	PER	Administrative Communications Contact	O	3	
	3950	SI	Service Characteristic Identification	O	>1	
	3960	DTM	Date/Time Reference	O	1	
	4000	FOB	F.O.B. Related Instructions	O	1	

4050	SCH	Line Item Schedule	O	200	
4100	TD1	Carrier Details (Quantity and Weight)	O	2	
4200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
4300	TD3	Carrier Details (Equipment)	O	12	
4400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
4500	PKG	Marking, Packaging, Loading	O	200	
4600	RRA	Required Response	O	25	
4650	CTP	Pricing Information	O	1	
4690	PAM	Period Amount	O	10	
LOOP ID - LDT					>1
4700	LDT	Lead Time	O	1	
4800	MAN	Marks and Numbers Information	O	10	
4900	QTY	Quantity Information	O	5	
5000	MTX	Text	O	>1	
LOOP ID - PCT					>1
5100	PCT	Percent Amounts	O	1	
5200	AMT	Monetary Amount Information	O	>1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

1/1800 If segment LIN is used, do not use LIN01.

2/2960 The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used, the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

3/0100 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

841 - Specifications/Technical Information

FUNCTIONAL GROUP=**SP**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Specifications/Technical Information Transaction Set (841) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit or request specifications or technical information between trading partners. It can be used to transmit engineering change and engineering change requests. It can also be used to allow EDI trading partners the ability to exchange a complete or partial technical description of a product, process, service, etc. over the same path as any other EDI transaction. The detail area can include graphic, text, parametric, tabular, image, spectral, or audio data. A transmission includes identification information to assist the receiver in interpreting and utilizing the information included in the transaction.

Further action as a consequence of the receipt and initial processing of the specification or other technical data may or may not require human intervention. The transmission and receipt of the data may require private agreement between the trading partners to automate the receipt of the data.

The total transaction must be in the general form of all ASC X12 transactions so that an EDI computer system will be able to automatically recognize it as a Specification/Technical Information Transaction Set and pass it on for processing of the data itself. The transaction set is not media dependent.

The detail area of the Specification/Technical Information Transaction Set provides a structure which allows for the exchange of a variety of specification information. For example, if the transaction contains information describing a complete assembly, it would be necessary to include the assembly model, the models for each of the individual parts, and the associated specifications. In the case of a process it may be necessary to transmit the specification of the product along with the specifications of the process and raw materials. This transaction set can also be linked to other transaction sets.

This transaction set is not limited to a specific transmission protocol and uses other standards as applicable where they do not conflict with these requirements for specification transaction.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
LOOP ID - SPI					>1
0200	SPI	Specification Identifier	M	1	
0300	RDT	Revision Date/Time	O	>1	
0400	NTE	Note/Special Instruction	O	>1	
0500	X1	Export License	O	1	

	0600	X2	Import License	O	1	
	0700	X7	Customs Information	O	1	
	0800	AMT	Monetary Amount Information	O	>1	
LOOP ID - REF						>1
	0900	REF	Reference Information	O	1	
	1000	DTM	Date/Time Reference	O	>1	
	1100	PER	Administrative Communications Contact	O	>1	
LOOP ID - N1						>1
	1200	N1	Party Identification	O	1	
	1300	N2	Additional Name Information	O	2	
	1400	N3	Party Location	O	2	
	1500	N4	Geographic Location	O	>1	
	1600	REF	Reference Information	O	>1	
	1700	PER	Administrative Communications Contact	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - HL						>1
N	0100	HL	Hierarchical Level	M	1	
LOOP ID - SPI						>1
	0200	SPI	Specification Identifier	O	1	
	0300	RDT	Revision Date/Time	O	>1	
C	0330	PRR	Problem Report	O	>1	
C	0340	PRT	Part Disposition	O	>1	
C	0350	PRS	Part Release Status	O	1	
C	0400	LIN	Item Identification	O	1	
	0460	PER	Administrative Communications Contact	O	>1	
	0500	MSG	Message Text	O	>1	
LOOP ID - N1						>1
	0510	N1	Party Identification	O	1	
	0520	N2	Additional Name Information	O	2	
	0530	N3	Party Location	O	2	
	0540	N4	Geographic Location	O	>1	
	0550	PER	Administrative Communications Contact	O	>1	
	0560	N9	Extended Reference Information	O	>1	
LOOP ID - PID						>1
	0600	PID	Product/Item Description	O	1	
	0650	PKD	Packaging Description	O	>1	
	0700	QTY	Quantity Information	O	>1	
	0740	MEA	Measurements	O	>1	
	0750	UIT	Unit Detail	O	>1	
	0760	LOC	Location	O	1	
	0770	PWK	Paperwork	O	>1	
LOOP ID - PKG						>1
	0780	PKG	Marking, Packaging, Loading	O	1	
	0790	MEA	Measurements	O	>1	

LOOP ID - REF						>1
	0800	REF	Reference Information	O	1	
	0900	DTM	Date/Time Reference	O	>1	
	1000	PER	Administrative Communications Contact	O	>1	
LOOP ID - LX						>1
	1030	LX	Transaction Set Line Number	O	1	
	1050	LIN	Item Identification	O	1	
	1070	TMD	Test Method	O	1	
	1100	MEA	Measurements	M	>1	
	1120	PSD	Physical Sample Description	O	>1	
	1140	SPS	Sampling Parameters for Summary Statistics	O	>1	
	1200	DTM	Date/Time Reference	O	>1	
	1300	REF	Reference Information	O	>1	
LOOP ID - EFI						>1
	1400	EFI	Electronic Format Identification	O	1	
	1600	BIN	Binary Data Segment	O	1	
LOOP ID - CID						>1
C	1700	CID	Characteristic/Class ID	O	1	
	1800	UIT	Unit Detail	O	1	
	1900	TMD	Test Method	O	>1	
	2000	PSD	Physical Sample Description	O	1	
N	2010	CSS	Conditional Sampling Sequence	O	1	
	2100	SPS	Sampling Parameters for Summary Statistics	O	1	
	2200	MSG	Message Text	O	>1	
LOOP ID - MEA						>1
	2300	MEA	Measurements	O	1	
	2400	DTM	Date/Time Reference	O	>1	
	2500	REF	Reference Information	O	>1	
LOOP ID - STA						>1
	2600	STA	Statistics	O	1	
	2700	DTM	Date/Time Reference	O	>1	
	2800	REF	Reference Information	O	>1	
LOOP ID - CSF						>1
CN	2820	CSF	Conditional Sampling Frequency	O	1	
	2830	LS	Loop Header	O	1	
LOOP ID - CID						>1
CN	2840	CID	Characteristic/Class ID	O	1	
C	2850	MEA	Measurements	O	1	
C	2860	STA	Statistics	O	1	
	2870	LE	Loop Trailer	O	1	
LOOP ID - EFI						>1
	2900	EFI	Electronic Format Identification	O	1	
	3100	BIN	Binary Data Segment	O	1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

Notes

2/0100 To be meaningful, at least one of the SPI, PID, REF, MEA, EFI or CID loops must be present with each occurrence of the HL loop.

2/2010 If no other sampling is specified, then only the sampling indicated in this segment is performed when the CSS01 event occurs.

2/2010 The sampling sequence specified in the CSS segment will take precedence over any other sampling rate (PSD03, PSD09, SPS06, CSF02, and CSF03) from the point the CSS01 event occurs until the specified sequence is completed.

2/2820 Conditional values specified in DE 740 (Range Minimum) will be interpreted as "greater than or equal to this value." Values specified in DE 741 (Range Maximum) will be interpreted to mean "less than or equal to this value."

2/2820 If no other sampling rate is specified, then the only sampling indicated in the CSF segment is performed while the CSF conditions are met. Sampling will cease when the conditions are no longer met.

2/2820 The sampling rate specified is the CSF segment. It would take precedence over the normal sampling rate specified in PSD03 while the conditions of the CSF segment are satisfied, but would NOT take precedence over the sampling sequence activated by the proposed CSS segment.

2/2840 Either the MEA segment or the STA segment must occur, but not both.

Comments

2/0330 The PRR segment contains the reason for an engineering change.

2/0340 The PRT segment is used to describe what should be done with the parts or assemblies specified in the preceding SPI segment.

2/0350 The PRS segment is used to tell the current status of the parts specified in the SPI segment required to make the change.

2/0400 The repeated pairs of 234 and 234 data elements in the LIN segment can be used to list where this modified part or assembly is used.

2/1700 The CID segment may be used to define either a general class of properties, such as physical properties, or an individual property within a class. The CID loop allows the user the ability to define specifications such as the properties of the item or class, the environmental conditions under which the specifications apply, the test methods to be used, and other parameters related to properties within the current HL hierarchical level.

2/2820 If the conditions are such that several CSF values are activated at the same time, the value with the highest sampling rate shall prevail.

2/2820 Repetitions of the CSF loop allow several frequency changes (and the conditions that would trigger those changes) to be specified.

2/2840 Repetitions of the CID loop will have an implied logical AND between the conditions set in each iteration.

2/2840 The CID loop within the CSF loop is used to specify the conditions that will trigger activation of the conditional value in the CSF segment.

2/2850 The elements of the CID segment identify the conditional property. If the property is a measurement from within the manufacturing process of a plant environment, rather than the product, the segment also identifies the location where the measurements are to be observed.

2/2860 If the condition is based on single test measurements, the MEA segment is used to specify the units of measure, and the open or closed numeric range of the conditional test.

842 - Nonconformance Report

FUNCTIONAL GROUP=**NC**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Nonconformance Report Transaction Set (842) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report products and processes that do not fulfill specifications or requirements.

The Nonconformance Report Transaction Set provides the ability for the sender to report the nonconformance at the level of detail that is required. It also provides the ability to report the specific nonconformances of a component/part while identifying the assembly as the product that is in nonconformance. The Nonconformance Report Transaction Set may be used to report, initiate, or request actions related to the nonconformance being reported. Financial and accounting information is provided for reporting purposes only.

The Nonconformance Report Transaction Set has the capability to report the cause of the nonconformance and to state the proposed action to be followed to prevent a repetition of the problem.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BNR	Beginning Segment For Nonconformance Report	M	1	
0300	REF	Reference Information	O	>1	
0400	DTM	Date/Time Reference	O	>1	
0500	PID	Product/Item Description	O	>1	
LOOP ID - MEA					>1
0600	MEA	Measurements	O	1	
0700	DTM	Date/Time Reference	O	>1	
0800	REF	Reference Information	O	>1	
LOOP ID - PWK					>1
0900	PWK	Paperwork	O	1	
1000	REF	Reference Information	O	>1	
1100	DTM	Date/Time Reference	O	>1	
LOOP ID - N1					>1
1200	N1	Party Identification	O	1	
1300	N2	Additional Name Information	O	2	
1400	N3	Party Location	O	2	
1500	N4	Geographic Location	O	1	
1600	REF	Reference Information	O	>1	
1700	PER	Administrative Communications Contact	O	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT

LOOP ID - HL						>1
N	0100	HL	Hierarchical Level	M	1	
	0200	LIN	Item Identification	O	1	
	0300	PID	Product/Item Description	O	>1	
	0400	PRS	Part Release Status	O	>1	
	0500	CID	Characteristic/Class ID	O	>1	
	0600	DTM	Date/Time Reference	O	>1	
	0700	REF	Reference Information	O	>1	
	0750	CS	Contract Summary	O	1	
	0800	QTY	Quantity Information	O	>1	
	0900	TMD	Test Method	O	1	
	1000	PSD	Physical Sample Description	O	1	
	1020	PWK	Paperwork	O	>1	
LOOP ID - LM						>1
	1040	LM	Code Source Information	O	1	
	1050	LQ	Industry Code Identification	M	>1	
LOOP ID - MEA						>1
	1100	MEA	Measurements	O	1	
	1200	DTM	Date/Time Reference	O	>1	
	1300	REF	Reference Information	O	>1	
LOOP ID - FA1						>1
	1350	FA1	Type of Financial Accounting Data	O	1	
	1360	FA2	Accounting Data	M	>1	
LOOP ID - SPS						>1
	1400	SPS	Sampling Parameters for Summary Statistics	O	1	
	1500	REF	Reference Information	O	>1	
	1600	PSD	Physical Sample Description	O	1	
LOOP ID - MEA						>1
	1700	MEA	Measurements	O	1	
	1800	DTM	Date/Time Reference	O	>1	
	1900	REF	Reference Information	O	>1	
LOOP ID - STA						>1
	2000	STA	Statistics	O	1	
	2100	DTM	Date/Time Reference	O	>1	
	2200	REF	Reference Information	O	>1	
LOOP ID - NCD						>1
	2300	NCD	Nonconformance Description	O	1	
	2350	YNQ	Yes/No Question	O	1	
	2400	NTE	Note/Special Instruction	O	>1	
	2500	DTM	Date/Time Reference	O	>1	
	2600	REF	Reference Information	O	>1	
	2700	QTY	Quantity Information	O	>1	
	2730	AMT	Monetary Amount Information	O	>1	
	2740	MEA	Measurements	O	>1	

2750	RC	Root Cause	O	>1	
LOOP ID - EFI					>1
2760	EFI	Electronic Format Identification	O	1	
2770	BIN	Binary Data Segment	M	1	
LOOP ID - N1					>1
2800	N1	Party Identification	O	1	
2900	N2	Additional Name Information	O	2	
3000	N3	Party Location	O	2	
3100	N4	Geographic Location	O	1	
3200	REF	Reference Information	O	>1	
3300	PER	Administrative Communications Contact	O	>1	
LOOP ID - LM					>1
3330	LM	Code Source Information	O	1	
3340	LQ	Industry Code Identification	M	>1	
LOOP ID - NCA					>1
3400	NCA	Nonconformance Action	O	1	
3500	NTE	Note/Special Instruction	O	>1	
3600	DTM	Date/Time Reference	O	>1	
3700	REF	Reference Information	O	>1	
LOOP ID - PWK					>1
3800	PWK	Paperwork	O	1	
3900	REF	Reference Information	O	>1	
4000	DTM	Date/Time Reference	O	>1	
LOOP ID - N1					>1
4100	N1	Party Identification	O	1	
4200	N2	Additional Name Information	O	2	
4300	N3	Party Location	O	2	
4400	N4	Geographic Location	O	1	
4500	REF	Reference Information	O	>1	
4600	PER	Administrative Communications Contact	O	>1	
LOOP ID - LM					>1
4640	LM	Code Source Information	O	1	
4650	LQ	Industry Code Identification	M	>1	
LOOP ID - FA1					>1
4660	FA1	Type of Financial Accounting Data	O	1	
4670	FA2	Accounting Data	M	>1	
4700	SE	Transaction Set Trailer	M	1	

Notes

2/0100 The HL levels are item, component, product characteristic, report, and serial number. Valid HL Parent-Child relationships are 1) item - component, 2) item - product characteristic, 3) component - product characteristic, 4) report - item, 5) item - serial number, and 6) component - serial number.

843 - Response to Request for Quotation

FUNCTIONAL GROUP=**RR**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Response to Request for Quotation Transaction Set (843) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide potential buyers with price, delivery schedule, and other terms from potential sellers of goods and services, in response to a request for such information.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BQR	Beginning Segment for Response to Request for Quotation	M	1	
	0400	CUR	Currency	O	1	
	0450	INC	Installment Information	O	1	
	0500	REF	Reference Information	O	>1	
	0600	PER	Administrative Communications Contact	O	3	
	0700	TAX	Tax Reference	O	3	
	0800	FOB	F.O.B. Related Instructions	O	>1	
	0900	CTP	Pricing Information	O	>1	
	0950	PAM	Period Amount	O	10	
	1100	CSH	Sales Requirements	O	25	
	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	1400	DIS	Discount Detail	O	20	
	1500	DTM	Date/Time Reference	O	10	
N	1800	LIN	Item Identification	O	5	
	1900	PID	Product/Item Description	O	200	
	2000	MEA	Measurements	O	40	
	2100	PWK	Paperwork	O	25	
	2200	PKG	Marking, Packaging, Loading	O	25	
	2300	TD1	Carrier Details (Quantity and Weight)	O	2	
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	2500	TD3	Carrier Details (Equipment)	O	12	
	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	2700	MAN	Marks and Numbers Information	O	10	
	2800	CTB	Restrictions/Conditions	O	5	
	2850	CPR	Commodity Price Reference	O	2	
	2860	PCT	Percent Amounts	O	>1	
	LOOP ID - N9					1000
	2900	N9	Extended Reference Information	O	1	
	2950	DTM	Date/Time Reference	O	>1	
	3000	MTX	Text	O	>1	
	3050	PWK	Paperwork	O	>1	
	3080	EFI	Electronic Format Identification	O	>1	

LOOP ID - N1					10000
3100	N1	Party Identification	O	1	
3200	N2	Additional Name Information	O	2	
3300	N3	Party Location	O	2	
3400	N4	Geographic Location	O	1	
3500	REF	Reference Information	O	12	
3600	PER	Administrative Communications Contact	O	>1	
3650	SI	Service Characteristic Identification	O	>1	
3700	FOB	F.O.B. Related Instructions	O	1	
3800	TD1	Carrier Details (Quantity and Weight)	O	2	
3900	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
4000	TD3	Carrier Details (Equipment)	O	12	
4100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
4200	PKG	Marking, Packaging, Loading	O	25	
4300	MTX	Text	O	>1	
LOOP ID - AMT					>1
4400	AMT	Monetary Amount Information	O	1	
4500	PCT	Percent Amounts	O	>1	
LOOP ID - ADV					>1
4600	ADV	Advertising Demographic Information	O	1	
4700	DTM	Date/Time Reference	O	>1	
4800	MTX	Text	O	>1	
LOOP ID - LM					>1
4900	LM	Code Source Information	O	1	
5000	LQ	Industry Code Identification	M	>1	
LOOP ID - LDT					>1
5100	LDT	Lead Time	O	1	
5200	QTY	Quantity Information	O	>1	
5300	MTX	Text	O	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - PO1					100000
0100	PO1	Baseline Item Data	O	1	
0150	LIN	Item Identification	O	>1	
0200	CUR	Currency	O	1	
0300	PO3	Additional Item Detail	O	25	
0400	CTP	Pricing Information	O	>1	
0450	PAM	Period Amount	O	10	
0490	MEA	Measurements	O	40	
LOOP ID - PID					1000
0500	PID	Product/Item Description	O	1	
0600	MEA	Measurements	O	10	
0700	PWK	Paperwork	O	25	

0800	PKG	Marking, Packaging, Loading	O	25	
0900	PO4	Item Physical Details	O	>1	
1000	REF	Reference Information	O	>1	
1100	PER	Administrative Communications Contact	O	3	
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
1400	IT8	Conditions of Sale	O	25	
1420	CSH	Sales Requirements	O	>1	
1500	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
1600	DIS	Discount Detail	O	20	
1650	INC	Installment Information	O	1	
1700	TAX	Tax Reference	O	3	
1800	FOB	F.O.B. Related Instructions	O	>1	
1900	SDQ	Destination Quantity	O	50	
2000	DTM	Date/Time Reference	O	10	
2300	FST	Forecast Schedule	O	5	
2400	TD1	Carrier Details (Quantity and Weight)	O	1	
2500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
2600	TD3	Carrier Details (Equipment)	O	12	
2700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
2800	MAN	Marks and Numbers Information	O	10	
2840	MTX	Text	O	>1	
2850	PCT	Percent Amounts	O	>1	
2860	CTB	Restrictions/Conditions	O	5	
2870	SPI	Specification Identifier	O	>1	
LOOP ID - LM					>1
2880	LM	Code Source Information	O	1	
2890	LQ	Industry Code Identification	M	>1	
LOOP ID - QTY					>1
2900	QTY	Quantity Information	O	1	
2910	SI	Service Characteristic Identification	O	>1	
LOOP ID - SCH					104
N 2920	SCH	Line Item Schedule	O	1	
2930	TD1	Carrier Details (Quantity and Weight)	O	1	
2940	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
2960	TD3	Carrier Details (Equipment)	O	12	
2980	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
2990	REF	Reference Information	O	>1	
LOOP ID - CST					100
3000	CST	Cost Analysis	O	1	
3100	PID	Product/Item Description	O	1	
3200	CUR	Currency	O	1	
3300	DTM	Date/Time Reference	O	2	
LOOP ID - SLN					1000
3400	SLN	Subline Item Detail	O	1	

3450	MTX	Text	O	>1	
3500	PID	Product/Item Description	O	1000	
3550	ADV	Advertising Demographic Information	O	>1	
LOOP ID - QTY					>1
3560	QTY	Quantity Information	O	1	
3570	SI	Service Characteristic Identification	O	>1	
LOOP ID - CST					100
3600	CST	Cost Analysis	O	1	
3700	PID	Product/Item Description	O	1	
3800	CUR	Currency	O	1	
3900	DTM	Date/Time Reference	O	2	
LOOP ID - PD					>1
3920	PD	Pricing Data	O	1	
3930	PDD	Pricing Data Detail	O	>1	
LOOP ID - LDT					>1
3940	LDT	Lead Time	O	1	
3950	QTY	Quantity Information	O	>1	
3960	MTX	Text	O	>1	
LOOP ID - LM					>1
3970	LM	Code Source Information	O	1	
3980	LQ	Industry Code Identification	M	>1	
LOOP ID - N9					1000
4000	N9	Extended Reference Information	O	1	
4050	DTM	Date/Time Reference	O	>1	
4100	MTX	Text	O	>1	
4150	PWK	Paperwork	O	>1	
4180	EFI	Electronic Format Identification	O	>1	
LOOP ID - N1					>1
4200	N1	Party Identification	O	1	
4300	N2	Additional Name Information	O	2	
4400	N3	Party Location	O	2	
4500	N4	Geographic Location	O	1	
4550	QTY	Quantity Information	O	>1	
4600	REF	Reference Information	O	12	
4700	PER	Administrative Communications Contact	O	3	
4750	SI	Service Characteristic Identification	O	>1	
4760	DTM	Date/Time Reference	O	1	
4800	FOB	F.O.B. Related Instructions	O	1	
4850	SCH	Line Item Schedule	O	200	
4900	TD1	Carrier Details (Quantity and Weight)	O	2	
5000	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
5100	TD3	Carrier Details (Equipment)	O	12	
5200	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
5300	PKG	Marking, Packaging, Loading	O	25	

LOOP ID - LDT					>1
	5500	LDT	Lead Time	O	1
	5600	MAN	Marks and Numbers Information	O	10
	5700	QTY	Quantity Information	O	5
	5800	MTX	Text	O	>1
LOOP ID - AMT					>1
	5900	AMT	Monetary Amount Information	O	1
	6000	PCT	Percent Amounts	O	>1

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - CTT						1
N	0100	CTT	Transaction Totals	O	1	
	0150	AMT	Monetary Amount Information	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

1/1800 If segment LIN is used, do not use LIN01.

2/2920 The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

3/0100 Number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

844 - Product Transfer Account Adjustment

FUNCTIONAL GROUP=**CF**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Product Transfer Account Adjustment Transaction Set (844) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit specific data in the form of a debit, credit, or request for credit relating to pre-authorized product transfer actions.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BAA	Beginning Segment for Product Transfer Account Adjustment	M	1	
0220	CUR	Currency	O	1	
0300	NTE	Note/Special Instruction	O	10	
0400	REF	Reference Information	O	12	
0500	PER	Administrative Communications Contact	O	3	
0600	DTM	Date/Time Reference	O	10	
LOOP ID - N1					50
0700	N1	Party Identification	O	1	
0800	N2	Additional Name Information	O	2	
0900	N3	Party Location	O	2	
1000	N4	Geographic Location	O	1	
1100	REF	Reference Information	O	12	
1200	PER	Administrative Communications Contact	O	3	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - CON					10000
0100	CON	Contract Number Detail	M	1	
0200	REF	Reference Information	O	12	
0300	PER	Administrative Communications Contact	O	3	
0400	DTM	Date/Time Reference	O	10	
LOOP ID - N1					>1
0500	N1	Party Identification	O	1	
0600	N2	Additional Name Information	O	2	
0700	N3	Party Location	O	2	
0800	N4	Geographic Location	O	1	
0900	REF	Reference Information	O	12	
1000	PER	Administrative Communications Contact	O	3	
LOOP ID - SII					>1
1050	SII	Sales Item Information	O	1	
1070	N9	Extended Reference Information	O	1	
LOOP ID - PAD					>1
1100	PAD	Product Adjustment Detail	O	1	

	1200	LIN	Item Identification	O	1	
	1300	PID	Product/Item Description	O	200	
	1400	MEA	Measurements	O	40	
	1500	UIT	Unit Detail	O	5	
	1600	QTY	Quantity Information	O	5	
N	1700	AMT	Monetary Amount Information	O	2	
	1800	RCD	Receiving Conditions	O	1	
	1900	REF	Reference Information	O	12	
	2000	DTM	Date/Time Reference	O	10	
	2100	CUR	Currency	O	1	
	2200	SSS	Product Special Services	O	1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	M	1	
	0200	AMT	Monetary Amount Information	O	5	
	0300	SE	Transaction Set Trailer	M	1	

Notes

2/1700 The AMT segment is to be used only in cases where the amount cannot be computed from other detail.

3/0100 Number of line items (CTT01) is the accumulation of the number of CON segments. If used, hash total (CTT02) is the sum of adjustment quantities (QTY02) for each QTY segment.

845 - Price Authorization Acknowledgment/Status

FUNCTIONAL GROUP=**PA**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data content of the Price Authorization Acknowledgment/Status Transaction Set (845) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a vendor or manufacturer to transmit specific data relative to the status of or changes to outstanding price authorizations.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BPA	Beginning Segment for Price Authorization Acknowledgment/Status	M	1	
0250	CUR	Currency	O	1	
0300	NTE	Note/Special Instruction	O	10	
0400	REF	Reference Information	O	12	
0500	PER	Administrative Communications Contact	O	3	
0600	DTM	Date/Time Reference	O	10	
LOOP ID - N1					10000
0700	N1	Party Identification	O	1	
0800	N2	Additional Name Information	O	2	
0900	N3	Party Location	O	2	
1000	N4	Geographic Location	O	1	
1100	REF	Reference Information	O	12	
1200	PER	Administrative Communications Contact	O	3	
1300	DTM	Date/Time Reference	O	10	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - CON					10000
0100	CON	Contract Number Detail	M	1	
0200	REF	Reference Information	O	>1	
0300	PER	Administrative Communications Contact	O	3	
0400	DTM	Date/Time Reference	O	10	
0450	CTB	Restrictions/Conditions	O	10	
0460	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
LOOP ID - N1					>1
0500	N1	Party Identification	O	1	
0600	N2	Additional Name Information	O	2	
0700	N3	Party Location	O	2	
0800	N4	Geographic Location	O	1	
0900	REF	Reference Information	O	12	
1000	PER	Administrative Communications Contact	O	3	
1100	DTM	Date/Time Reference	O	2	
1150	CTB	Restrictions/Conditions	O	25	

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - PAD					**>1**
	1200	PAD	Product Adjustment Detail	O	1	
	1300	CTB	Restrictions/Conditions	O	10	
	1400	PID	Product/Item Description	O	200	
	1500	MEA	Measurements	O	40	
	1600	UIT	Unit Detail	O	20	
	1700	QTY	Quantity Information	O	5	
N	1800	AMT	Monetary Amount Information	O	5	
	1900	CUR	Currency	O	1	
	2000	SSS	Product Special Services	O	1	
	2100	SHP	Shipped/Received Information	O	1	
	2200	DTM	Date/Time Reference	O	2	
	LOOP ID - LIN					**1**
	2300	LIN	Item Identification	O	1	
	2350	G53	Maintenance Type	O	1	
	2400	SLN	Subline Item Detail	O	100	
	LOOP ID - N1					**10000**
	2500	N1	Party Identification	O	1	
	2600	N2	Additional Name Information	O	2	
	2700	N3	Party Location	O	2	
	2800	N4	Geographic Location	O	1	
	2900	DTM	Date/Time Reference	O	10	
	3000	CTB	Restrictions/Conditions	O	25	
	LOOP ID - CTP					**>1**
	3100	CTP	Pricing Information	O	1	
	3200	DTM	Date/Time Reference	O	10	
	3300	CTB	Restrictions/Conditions	O	25	
	LOOP ID - N1					**10000**
	3400	N1	Party Identification	O	1	
	3500	N2	Additional Name Information	O	2	
	3600	N3	Party Location	O	2	
	3700	N4	Geographic Location	O	1	
	3800	DTM	Date/Time Reference	O	10	
	3900	CTB	Restrictions/Conditions	O	25	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	M	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

2/1800 The AMT segment is to be used only in cases where the amount cannot be computed from other detail.

3/0100 Number of line items (CTT01) is the accumulation of the number of CON segments. If used, hash total (CTT02) is the sum of the quantities (QTY02) for each QTY segment.

846 - Inventory Inquiry/Advice

FUNCTIONAL GROUP=**IB**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1	
0400	CUR	Currency	O	1	
0500	DTM	Date/Time Reference	O	10	
0600	REF	Reference Information	O	12	
0700	PER	Administrative Communications Contact	O	3	
0750	MEA	Measurements	O	20	
LOOP ID - N1					5
0800	N1	Party Identification	O	1	
0900	N2	Additional Name Information	O	2	
1000	N3	Party Location	O	2	
1100	N4	Geographic Location	O	1	
1200	REF	Reference Information	O	12	
1300	PER	Administrative Communications Contact	O	3	
LOOP ID - LM					10
1400	LM	Code Source Information	O	1	
1500	LQ	Industry Code Identification	M	100	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LIN					>1
0100	LIN	Item Identification	M	1	
0300	PID	Product/Item Description	O	200	
0400	MEA	Measurements	O	40	
0500	PKG	Marking, Packaging, Loading	O	25	
1000	DTM	Date/Time Reference	O	10	
1100	CTP	Pricing Information	O	25	
1200	CUR	Currency	O	1	
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
1400	REF	Reference Information	O	>1	

	1500	PER	Administrative Communications Contact	O	3	
	2200	SDQ	Destination Quantity	O	500	
	2300	MAN	Marks and Numbers Information	O	1	
	2350	UIT	Unit Detail	O	5	
	2400	CS	Contract Summary	O	1	
	2500	DD	Demand Detail	O	>1	
	2550	G53	Maintenance Type	O	1	
	2560	PCT	Percent Amounts	O	>1	
	2570	LDT	Lead Time	O	12	
LOOP ID - LM						10
	2600	LM	Code Source Information	O	1	
	2700	LQ	Industry Code Identification	M	100	
LOOP ID - SLN						1000
	2800	SLN	Subline Item Detail	O	1	
	2900	PID	Product/Item Description	O	200	
	3000	MEA	Measurements	O	40	
	3100	PKG	Marking, Packaging, Loading	O	25	
LOOP ID - MAN						100
	3120	MAN	Marks and Numbers Information	O	1	
	3140	MEA	Measurements	O	40	
LOOP ID - QTY						99
	3200	QTY	Quantity Information	O	1	
	3300	UIT	Unit Detail	O	12	
	3400	MEA	Measurements	O	25	
	3500	LDT	Lead Time	O	12	
	3550	DTM	Date/Time Reference	O	10	
LOOP ID - SCH						25
	3600	SCH	Line Item Schedule	O	1	
	3700	MEA	Measurements	O	25	
LOOP ID - LM						>1
	3750	LM	Code Source Information	O	1	
	3760	LQ	Industry Code Identification	M	100	
	3800	LS	Loop Header	O	1	
LOOP ID - REF						>1
N	3900	REF	Reference Information	O	1	
	4000	DTM	Date/Time Reference	O	>1	
	4100	N1	Party Identification	O	1	
LOOP ID - LM						10
	4200	LM	Code Source Information	O	1	
	4300	LQ	Industry Code Identification	M	100	
	4400	LE	Loop Trailer	O	1	
LOOP ID - N1						200
	4500	N1	Party Identification	O	1	
	4600	N2	Additional Name Information	O	2	

4700	N3	Party Location	O	2	
4800	N4	Geographic Location	O	1	
4900	REF	Reference Information	O	12	
5000	PER	Administrative Communications Contact	O	3	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

2/3900 The REF loop conveys serial number, lot number, and inventory data.

3/0100 Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

847 - Material Claim

FUNCTIONAL GROUP=**MX**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Material Claim Transaction Set (847) for use within the context of an Electronic Data Interchange (EDI) environment. This standard provides trading partners a means to advise each other of costs and charges involved in fabricated or purchased material or both which has been deemed damaged, unusable, or obsolete. This transaction set is not to be used to submit claims against transportation or insurance carriers. The Material Claim Transaction Set (847) can be used in the following ways: (1) for a seller of material to advise the buyer of costs and charges resulting from order cancellation or change and must be based on the buyer's authorization to fabricate or purchase material or both; (2) for a buyer of material to advise the seller of costs and charges resulting from material which was deemed damaged or unusable.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	BHT	Beginning of Hierarchical Transaction	M	1	
	0300	AMT	Monetary Amount Information	M	1	
	0400	NTE	Note/Special Instruction	O	100	
	0500	DTM	Date/Time Reference	O	10	
	0600	PER	Administrative Communications Contact	O	3	
	0700	CUR	Currency	O	1	
	LOOP ID - N1					10
	0800	N1	Party Identification	O	1	
	0900	N2	Additional Name Information	O	2	
	1000	N3	Party Location	O	2	
	1100	N4	Geographic Location	O	1	
	1200	REF	Reference Information	O	12	
	1300	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					>1
	0100	HL	Hierarchical Level	M	1	
	0200	LIN	Item Identification	M	1	
	0300	NTE	Note/Special Instruction	O	100	
	0400	PID	Product/Item Description	O	5	
	0500	QTY	Quantity Information	O	10	
	0600	MEA	Measurements	O	10	
N	0700	SHP	Shipped/Received Information	O	5	
	0800	REF	Reference Information	O	12	
N	0900	DTM	Date/Time Reference	O	10	
	1000	PKG	Marking, Packaging, Loading	O	5	
	1100	CTP	Pricing Information	O	10	

	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	10	
LOOP ID - N1						10
	1300	N1	Party Identification	O	1	
	1400	N2	Additional Name Information	O	2	
	1500	N3	Party Location	O	2	
	1600	N4	Geographic Location	O	1	
	1700	REF	Reference Information	O	12	
	1800	PER	Administrative Communications Contact	O	3	
C	1900	DTM	Date/Time Reference	O	10	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

1/0200 BHT03 and BHT04 are mandatory.

2/0700 The SHP segment is used to show the material's shipped quantity in comparison to the authorization quantities.

2/0900 The DTM segment is used to show dates for the authorization to fabricate or purchase materials.

3/0100 Number of Line Items (CTT01) is the accumulation of the number of HL segments. Hash Total (CTT02) is not used.

Comments

2/1900 The DTM segment is used to provide contact availability times.

848 - Material Safety Data Sheet

FUNCTIONAL GROUP=**MS**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Material Safety Data Sheet Transaction Set (848) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to communicate chemical characteristics, hazards, and precautions for the safe handling and use of a material. The transaction set is intended to convey the information required for a Material Safety Data Sheet (MSDS) as defined by the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200 in the United States, and Workplace Hazardous Materials Information System (WHIMS) in Canada, and various state, province, and local requirements under right-to-know legislation.

The MSDS provides the receiver with detailed information concerning material identity, emergency response, chemical and physical characteristics, toxicology, and industrial hygiene procedures.

State and federal law dictate who is obligated to provide the MSDS and to whom it should be issued. In addition, third-party providers or others with no statutory obligation may voluntarily provide an MSDS to anyone.

This transaction set allows for transmission of MSDS data in a structured, unstructured, or semi-structured form.

CAUTION: With this transaction set, text format is critical due to the MSDS's primary role as a vehicle for hazards communication. The risk if this information is not transmitted clearly and accurately could be harmful to human life, harmful to the environment, could cause mishandling of product, could result in regulatory non-compliance, and could result in liability.

Trading partners need to agree on how to interpret, store, and display/print MSDS text, especially text contained in the MSG and SD1 segments. For example, a sender may wish to format text so that one print line is mapped to one MSG segment. Segment terminator and data element delimiter characters shall not appear in any MSDS data.

WARNING: Alteration of the original document will occur if the EDI translator or application software converts characters to uppercase. This may adversely affect the appearance, effectiveness, clarity, readability, and communicability of the printed MSDS document.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BMS	Beginning Segment For Material Safety Data Sheet	M	1	
0300	NTE	Note/Special Instruction	O	>1	
0400	REF	Reference Information	O	>1	

	0500	DTM	Date/Time Reference	O	>1
LOOP ID - N1					>1
	0600	N1	Party Identification	O	1
	0700	N2	Additional Name Information	O	>1
	0800	N3	Party Location	O	>1
	0900	N4	Geographic Location	O	1
	1000	REF	Reference Information	O	>1
	1100	PER	Administrative Communications Contact	O	>1

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LIN						>1
N	0100	LIN	Item Identification	O	1	
	0200	PID	Product/Item Description	O	>1	
LOOP ID - MSS						>1
N	0300	MSS	Material Safety Data Sheet Section Information	O	1	
	0400	MEA	Measurements	O	>1	
N	0500	MSG	Message Text	O	>1	
LOOP ID - SD1						>1
N	0600	SD1	Safety Data	O	1	
	0700	MEA	Measurements	O	>1	
	0720	PKG	Marking, Packaging, Loading	O	>1	
	0740	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1	
N	0800	MSG	Message Text	O	>1	
LOOP ID - CID						>1
	1000	CID	Characteristic/Class ID	O	1	
	1100	MEA	Measurements	M	>1	
LOOP ID - LX						>1
	1150	LX	Transaction Set Line Number	O	1	
	1200	CID	Characteristic/Class ID	O	1	
	1300	MEA	Measurements	O	>1	
	1400	STA	Statistics	O	1	
	1500	TMD	Test Method	O	1	
	1600	MSG	Message Text	O	>1	
LOOP ID - SD1						>1
	1700	SD1	Safety Data	O	1	
	1800	MEA	Measurements	O	>1	
	1820	PKG	Marking, Packaging, Loading	O	>1	
	1840	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1	
	1900	MSG	Message Text	O	>1	
LOOP ID - CID						>1
	2100	CID	Characteristic/Class ID	O	1	
	2200	MEA	Measurements	M	>1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0200	SE	Transaction Set Trailer	M	1	

Notes

2/0100 LIN loop is product level. MSS is section level. The first SD1 loop is safety data relating to the section only. The first CID loop is for complex measurements on safety data. LX loop is used to specify product characteristics, components, or complex measurements (i.e., those with environmental parameters). The second SD1 loop is safety data relating to a particular product characteristic or component. The second CID loop is for complex measurements on safety data, which related to a particular product characteristic or component.

2/0300 Regulation notifications can be contained in MSS or SD1 or both.

2/0500 Trading partners must agree on a convention for text processing that will not split words, and which can convey correct meaning, in successive SD1 or MSG segments.

2/0600 Regulation notifications can be contained in MSS or SD1 or both.

2/0800 Trading partners must agree on a convention for text processing that will not split words, and which can convey correct meaning, in successive SD1 or MSG segments.

849 - Response to Product Transfer Account Adjustment

FUNCTIONAL GROUP=**CF**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Response to Product Transfer Account Adjustment Transaction Set (849) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit a detailed or summary response to a party requesting an accounting adjustment relating to a pre-authorized product transfer.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BRC	Beginning Segment for Response to Product Transfer Account Adjustment	M	1	
0220	CUR	Currency	O	1	
0300	AAA	Request Validation	O	10	
0400	NTE	Note/Special Instruction	O	10	
0500	REF	Reference Information	O	12	
0600	PER	Administrative Communications Contact	O	3	
0700	DTM	Date/Time Reference	O	10	
LOOP ID - N1					50
0800	N1	Party Identification	O	1	
0900	N2	Additional Name Information	O	2	
1000	N3	Party Location	O	2	
1100	N4	Geographic Location	O	1	
1200	REF	Reference Information	O	12	
1300	PER	Administrative Communications Contact	O	3	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - CON					10000
0100	CON	Contract Number Detail	O	1	
0200	AAA	Request Validation	O	10	
0300	REF	Reference Information	O	12	
0400	PER	Administrative Communications Contact	O	3	
0500	DTM	Date/Time Reference	O	10	
LOOP ID - N1					50
0600	N1	Party Identification	O	1	
0700	N2	Additional Name Information	O	2	
0800	N3	Party Location	O	2	
0900	N4	Geographic Location	O	1	
1000	REF	Reference Information	O	12	
1100	PER	Administrative Communications Contact	O	3	
LOOP ID - PAD					>1

	1200	PAD	Product Adjustment Detail	O	1	
	1300	LIN	Item Identification	O	1	
	1400	AAA	Request Validation	O	10	
	1500	PID	Product/Item Description	O	200	
	1600	MEA	Measurements	O	40	
	1700	UIT	Unit Detail	O	5	
	1800	QTY	Quantity Information	O	5	
N	1900	AMT	Monetary Amount Information	O	2	
	2000	RCD	Receiving Conditions	O	1	
	2100	REF	Reference Information	O	12	
	2200	DTM	Date/Time Reference	O	10	
	2300	CUR	Currency	O	1	
	2400	SSS	Product Special Services	O	1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	M	1	
N	0200	AMT	Monetary Amount Information	O	5	
	0300	SE	Transaction Set Trailer	M	1	

Notes

2/1900 The AMT segment is to be used only in cases where the amount cannot be computed from other detail.

3/0100 Number of line items (CTT01) is the accumulation of the number of CON segments. If used, hash total (CTT02) is the sum of the quantities (QTY02) for each QTY segment.

3/0200 The AMT segment is to be used only in cases where the amount cannot be computed from other detail.

850 - Purchase Order

FUNCTIONAL GROUP=**PO**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BEG	Beginning Segment for Purchase Order	M	1	
	0400	CUR	Currency	O	1	
	0500	REF	Reference Information	O	>1	
	0600	PER	Administrative Communications Contact	O	3	
	0700	TAX	Tax Reference	O	>1	
	0800	FOB	F.O.B. Related Instructions	O	>1	
	0900	CTP	Pricing Information	O	>1	
	0950	PAM	Period Amount	O	10	
	1100	CSH	Sales Requirements	O	5	
	1150	TC2	Commodity	O	>1	
	LOOP ID - SAC					>1
	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
	1250	CUR	Currency	O	1	
	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	1400	DIS	Discount Detail	O	20	
	1450	INC	Installment Information	O	1	
	1500	DTM	Date/Time Reference	O	10	
N	1800	LIN	Item Identification	O	5	
	1850	SI	Service Characteristic Identification	O	>1	
	1900	PID	Product/Item Description	O	200	
	2000	MEA	Measurements	O	40	
	2100	PWK	Paperwork	O	25	
	2200	PKG	Marking, Packaging, Loading	O	200	
	2300	TD1	Carrier Details (Quantity and Weight)	O	2	
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1	
	2500	TD3	Carrier Details (Equipment)	O	12	
	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	2700	MAN	Marks and Numbers Information	O	10	
	2760	PCT	Percent Amounts	O	>1	
	2800	CTB	Restrictions/Conditions	O	5	
	2850	TXI	Tax Information	O	>1	

LOOP ID - LDT					>1
2855	LDT	Lead Time	O	1	
2858	QTY	Quantity Information	O	>1	
2860	MTX	Text	O	>1	
2865	REF	Reference Information	O	>1	
LOOP ID - AMT					>1
2870	AMT	Monetary Amount Information	O	1	
2890	REF	Reference Information	O	>1	
2900	DTM	Date/Time Reference	O	1	
2920	PCT	Percent Amounts	O	>1	
LOOP ID - FA1					>1
2930	FA1	Type of Financial Accounting Data	O	1	
2940	FA2	Accounting Data	M	>1	
LOOP ID - N9					1000
2950	N9	Extended Reference Information	O	1	
2970	DTM	Date/Time Reference	O	>1	
3000	MTX	Text	O	>1	
3050	PWK	Paperwork	O	>1	
3080	EFI	Electronic Format Identification	O	>1	
LOOP ID - N1					>1
3100	N1	Party Identification	O	1	
3200	N2	Additional Name Information	O	2	
3250	IN2	Individual Name Structure Components	O	>1	
3300	N3	Party Location	O	2	
3400	N4	Geographic Location	O	>1	
3450	NX2	Location ID Component	O	>1	
3500	REF	Reference Information	O	12	
3600	PER	Administrative Communications Contact	O	>1	
3650	SI	Service Characteristic Identification	O	>1	
3700	FOB	F.O.B. Related Instructions	O	1	
3800	TD1	Carrier Details (Quantity and Weight)	O	2	
3900	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
4000	TD3	Carrier Details (Equipment)	O	12	
4100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
4200	PKG	Marking, Packaging, Loading	O	200	
LOOP ID - LM					>1
4300	LM	Code Source Information	O	1	
4400	LQ	Industry Code Identification	M	>1	
LOOP ID - SPI					>1
4500	SPI	Specification Identifier	O	1	
4600	REF	Reference Information	O	5	
4700	DTM	Date/Time Reference	O	5	
4800	MTX	Text	O	>1	
LOOP ID - N1					20

4900	N1	Party Identification	O	1	
5000	N2	Additional Name Information	O	2	
5100	N3	Party Location	O	2	
5200	N4	Geographic Location	O	1	
5300	REF	Reference Information	O	20	
5400	G61	Contact	O	1	
5500	MTX	Text	O	>1	
LOOP ID - CB1					>1
5600	CB1	Contract and Cost Accounting Standards Data	O	1	
5700	REF	Reference Information	O	20	
5800	DTM	Date/Time Reference	O	5	
5900	LDT	Lead Time	O	1	
6000	MTX	Text	O	>1	
LOOP ID - ADV					>1
6100	ADV	Advertising Demographic Information	O	1	
6200	DTM	Date/Time Reference	O	>1	
6300	MTX	Text	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - PO1						>1
N	0100	PO1	Baseline Item Data	M	1	
	0150	LIN	Item Identification	O	>1	
	0180	SI	Service Characteristic Identification	O	>1	
	0200	CUR	Currency	O	1	
	0250	CN1	Contract Information	O	1	
	0300	PO3	Additional Item Detail	O	25	
	0310	PAL	Pallet Type and Load Characteristics	O	1	
LOOP ID - CTP						>1
	0400	CTP	Pricing Information	O	1	
	0430	CUR	Currency	O	1	
	0450	PAM	Period Amount	O	10	
	0490	MEA	Measurements	O	40	
LOOP ID - PID						1000
	0500	PID	Product/Item Description	O	1	
	0600	MEA	Measurements	O	10	
	0700	PWK	Paperwork	O	25	
	0900	PO4	Item Physical Details	O	>1	
	1000	REF	Reference Information	O	>1	
	1050	YNQ	Yes/No Question	O	25	
	1100	PER	Administrative Communications Contact	O	3	
LOOP ID - SAC						>1
	1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
	1350	CUR	Currency	O	1	
	1370	CTP	Pricing Information	O	1	

	1400	IT8	Conditions of Sale	O	1	
	1420	CSH	Sales Requirements	O	>1	
	1500	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	1600	DIS	Discount Detail	O	20	
	1650	INC	Installment Information	O	1	
	1700	TAX	Tax Reference	O	>1	
	1800	FOB	F.O.B. Related Instructions	O	>1	
	1900	SDQ	Destination Quantity	O	>1	
	2000	IT3	Additional Item Data	O	5	
	2100	DTM	Date/Time Reference	O	10	
	2350	TC2	Commodity	O	>1	
	2400	TD1	Carrier Details (Quantity and Weight)	O	1	
	2500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	2600	TD3	Carrier Details (Equipment)	O	12	
	2700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	2760	PCT	Percent Amounts	O	>1	
	2800	MAN	Marks and Numbers Information	O	10	
	2890	MTX	Text	O	>1	
	2900	SPI	Specification Identifier	O	>1	
	2910	TXI	Tax Information	O	>1	
	2920	CTB	Restrictions/Conditions	O	>1	
LOOP ID - QTY						>1
	2930	QTY	Quantity Information	O	1	
	2940	SI	Service Characteristic Identification	O	>1	
LOOP ID - SCH						200
N	2950	SCH	Line Item Schedule	O	1	
	2960	TD1	Carrier Details (Quantity and Weight)	O	2	
	2970	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	2980	TD3	Carrier Details (Equipment)	O	12	
	2990	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	3000	REF	Reference Information	O	>1	
LOOP ID - PKG						200
	3050	PKG	Marking, Packaging, Loading	O	1	
	3100	MEA	Measurements	O	>1	
	3200	LS	Loop Header	O	1	
LOOP ID - LDT						>1
	3210	LDT	Lead Time	O	1	
	3220	QTY	Quantity Information	O	>1	
	3230	MTX	Text	O	>1	
	3240	REF	Reference Information	O	3	
LOOP ID - LM						>1
	3250	LM	Code Source Information	O	1	
	3260	LQ	Industry Code Identification	M	>1	
	3270	LE	Loop Trailer	O	1	

LOOP ID - N9					1000
3300	N9	Extended Reference Information	O	1	
3320	DTM	Date/Time Reference	O	>1	
3350	MEA	Measurements	O	40	
3400	MTX	Text	O	>1	
3450	PWK	Paperwork	O	>1	
3480	EFI	Electronic Format Identification	O	>1	

LOOP ID - N1					200
3500	N1	Party Identification	O	1	
3600	N2	Additional Name Information	O	2	
3650	IN2	Individual Name Structure Components	O	>1	
3700	N3	Party Location	O	2	
3800	N4	Geographic Location	O	1	
3830	QTY	Quantity Information	O	>1	
3850	NX2	Location ID Component	O	>1	
3900	REF	Reference Information	O	12	
4000	PER	Administrative Communications Contact	O	3	
4050	SI	Service Characteristic Identification	O	>1	
4060	DTM	Date/Time Reference	O	1	
4100	FOB	F.O.B. Related Instructions	O	1	
4150	SCH	Line Item Schedule	O	200	
4200	TD1	Carrier Details (Quantity and Weight)	O	2	
4300	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
4400	TD3	Carrier Details (Equipment)	O	12	
4500	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
4600	PKG	Marking, Packaging, Loading	O	200	
LOOP ID - LDT					>1
4620	LDT	Lead Time	O	1	
4640	MAN	Marks and Numbers Information	O	10	
4660	QTY	Quantity Information	O	5	
4680	MTX	Text	O	>1	
4690	REF	Reference Information	O	3	

LOOP ID - SLN					1000
4700	SLN	Subline Item Detail	O	1	
4750	MTX	Text	O	>1	
4800	SI	Service Characteristic Identification	O	>1	
4900	PID	Product/Item Description	O	1000	
5000	PO3	Additional Item Detail	O	104	
5025	MEA	Measurements	O	>1	
5050	TC2	Commodity	O	>1	
5130	ADV	Advertising Demographic Information	O	>1	
5150	DTM	Date/Time Reference	O	10	
5160	CTP	Pricing Information	O	25	
5170	PAM	Period Amount	O	10	
5180	PO4	Item Physical Details	O	1	

5190	TAX	Tax Reference	O	3	
LOOP ID - N9					>1
5230	N9	Extended Reference Information	O	1	
5240	DTM	Date/Time Reference	O	>1	
5250	MTX	Text	O	>1	
LOOP ID - SAC					25
5260	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
5270	CUR	Currency	O	1	
5280	CTP	Pricing Information	O	1	
LOOP ID - QTY					>1
5290	QTY	Quantity Information	O	1	
5300	SI	Service Characteristic Identification	O	>1	
LOOP ID - N1					10
5350	N1	Party Identification	O	1	
5400	N2	Additional Name Information	O	2	
5450	IN2	Individual Name Structure Components	O	>1	
5500	N3	Party Location	O	2	
5600	N4	Geographic Location	O	1	
5700	NX2	Location ID Component	O	>1	
5800	REF	Reference Information	O	12	
5900	PER	Administrative Communications Contact	O	3	
5950	SI	Service Characteristic Identification	O	>1	
LOOP ID - AMT					>1
6000	AMT	Monetary Amount Information	O	1	
6100	REF	Reference Information	O	>1	
6120	PCT	Percent Amounts	O	>1	
LOOP ID - LM					>1
6200	LM	Code Source Information	O	1	
6300	LQ	Industry Code Identification	M	>1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - CTT						1
N	0100	CTT	Transaction Totals	O	1	
N	0200	AMT	Monetary Amount Information	O	1	
	0300	SE	Transaction Set Trailer	M	1	

Notes

1/1800 If segment LIN is used, do not use LIN01.

2/0100 PO102 is required.

2/2950 The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

3/0100 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0200 If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

851 - Asset Schedule

FUNCTIONAL GROUP=**LS**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Asset Schedule Transaction Set (851) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides for the customary and established business and industry practice relative to establishing a schedule of assets and the contractual terms and conditions relating to those assets agreed upon between lessor, lessee, buyer, seller, or any other party needing to establish a precise list of assets.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BLS	Beginning Segment for Asset Schedule	M	1	
	0300	MSG	Message Text	O	100	
	0400	CUR	Currency	O	1	
	0500	N9	Extended Reference Information	O	>1	
	0600	TXI	Tax Information	O	7	
	0700	TAX	Tax Reference	O	5	
	0800	PAM	Period Amount	O	100	
	0900	ITA	Allowance, Charge or Service	O	35	
	1000	DTM	Date/Time Reference	O	10	
	LOOP ID - N1					100000
	1100	N1	Party Identification	M	1	
	1200	N2	Additional Name Information	O	2	
	1300	N3	Party Location	O	2	
	1400	N4	Geographic Location	O	1	
	1500	N9	Extended Reference Information	O	>1	
	1600	PER	Administrative Communications Contact	O	3	
	LOOP ID - LS1					>1
	1700	LS1	Asset Item Identification	M	1	
	1800	LIN	Item Identification	O	1	
	1900	PO3	Additional Item Detail	O	25	
	2000	PID	Product/Item Description	O	1000	
	2100	CUR	Currency	O	1	
	2200	CTP	Pricing Information	O	5	
	2300	N9	Extended Reference Information	O	>1	
	2400	TXI	Tax Information	O	7	
	2500	TAX	Tax Reference	O	5	
N	2600	PAM	Period Amount	O	25	
	2700	ITA	Allowance, Charge or Service	O	35	
	2800	DTM	Date/Time Reference	O	10	
	2900	AMT	Monetary Amount Information	O	5	
	LOOP ID - N1					>1

3000	N1	Party Identification	O	1	
3100	N2	Additional Name Information	O	2	
3200	N3	Party Location	O	2	
3300	N4	Geographic Location	O	1	
3400	N9	Extended Reference Information	O	>1	
3500	PER	Administrative Communications Contact	O	3	
3600	TXI	Tax Information	O	10	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	M	1	
	0200	AMT	Monetary Amount Information	O	1	
	0300	SE	Transaction Set Trailer	M	1	

Notes

1/2600 If PAM06 is used, it identifies the type of lease period. The lease period is described in PAM07 through PAM12.

2/0100 Number of line items (CTT01) is the accumulation of the number of LS1 segments. If used, hash total (CTT02) is the sum of the value of quantities (LS101) for each LS1 segment.

852 - Product Activity Data

FUNCTIONAL GROUP=**PD**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Product Activity Data Transaction Set (852) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to advise a trading partner of inventory, sales, and other product activity information. Product activity data enables a trading partner to plan and ship, or propose inventory replenishment quantities, for distribution centers, warehouses or retail outlets.

The receiver of the transaction set will maintain some type of inventory/product movement records for its trading partners to enable replenishment calculations based on data provided by the distributor, warehouse or retailer.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	XQ	Reporting Date/Action	M	1	
	0300	XPO	Preassigned Purchase Order Numbers	O	>1	
	0400	N9	Extended Reference Information	O	>1	
	0450	CUR	Currency	O	1	
	0500	PER	Administrative Communications Contact	O	3	
	LOOP ID - N1					200
N	0600	N1	Party Identification	O	1	
	0700	N2	Additional Name Information	O	1	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	1	
	1000	FOB	F.O.B. Related Instructions	O	1	
	1100	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1	
	1200	DTM	Date/Time Reference	O	>1	
	1300	N9	Extended Reference Information	O	>1	
	1400	PER	Administrative Communications Contact	O	3	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LIN					999999
0100	LIN	Item Identification	O	1	
0200	CTP	Pricing Information	O	25	
0225	CUR	Currency	O	1	
0250	SAC	Service, Promotion, Allowance, or Charge Information	O	>1	
0300	PO4	Item Physical Details	O	1	
0400	N9	Extended Reference Information	O	>1	
0500	AMT	Monetary Amount Information	O	10	
0600	PAL	Pallet Type and Load Characteristics	O	1	
0700	QTY	Quantity Information	O	>1	
LOOP ID - ZA					>1

N	0800	ZA	Product Activity Reporting	M	1	
	0900	QTY	Quantity Information	O	>1	
	1000	CTP	Pricing Information	O	25	
	1100	SDQ	Destination Quantity	O	>1	
LOOP ID - G95						1
	1200	G95	Performance Requirements	O	1	
	1300	DTM	Date/Time Reference	O	2	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
NN	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

1/0600 The reporting location is required. The reporting location is specified explicitly in the N1 segment using the code RL in N101, or implicitly using the SDQ segment (Table 2) with the location data elements. They are mutually exclusive (the SDQ and the N1 with N101 containing RL).

2/0800 The quantity for the item identified in the LIN segment is required. Quantity is specified either in the ZA segment (ZA02) or in the SDQ segment.

3/0100 The number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction set.

3/0100 When sending item and activity data in the LIN loop, the CTT segment is required.

853 - Routing and Carrier Instruction

FUNCTIONAL GROUP=**RI**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Routing and Carrier Instruction Transaction Set (853) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides the sender with the capability to transmit detailed routing and carrier information pertinent to a route. This transaction set only provides routing information and does not convey information about a shipping event or provide shipping authorization.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	NTE	Note/Special Instruction	O	100	
	0400	G62	Date/Time	O	10	
	LOOP ID - N1					200
	0500	N1	Party Identification	M	1	
	0600	N2	Additional Name Information	O	2	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	0900	REF	Reference Information	O	12	
	1000	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - TD5					200000
	0100	TD5	Carrier Details (Routing Sequence/Transit Time)	M	1	
	0200	TD3	Carrier Details (Equipment)	O	12	
	0300	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	0400	NTE	Note/Special Instruction	O	100	
	0500	REF	Reference Information	O	200	
	0600	MEA	Measurements	O	40	
	0700	FK	Factor	O	1	
	0800	G62	Date/Time	O	10	
	LOOP ID - N1					200
	0900	N1	Party Identification	O	1	
	1000	N2	Additional Name Information	O	2	
	1100	N3	Party Location	O	2	
	1200	N4	Geographic Location	O	1	
	1300	REF	Reference Information	O	12	
	1400	PER	Administrative Communications Contact	O	3	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	M	1	

0200	SE	Transaction Set Trailer	M	1

Notes

3/0100 The number of line items (CTT01) is the accumulation of the number of TD5 segments. Hash total (CTT02) is not used in this transaction set.

854 - Shipment Delivery Discrepancy Information

FUNCTIONAL GROUP=**DD**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Shipment Delivery Discrepancy Information Transaction Set (854) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to enable a carrier to notify a shipper or consignee of discrepancies between tendered freight and actual delivered freight. Delivery discrepancy data enables a party to track and control damages, overages, and shortages. This transaction set is not used to acknowledge receipt of goods.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BDD	Beginning Segment for Shipment Delivery Discrepancy Information	M	1	
	0300	G62	Date/Time	O	1	
N	0400	L11	Business Instructions and Reference Number	O	20	
	0500	K1	Remarks	O	10	
	LOOP ID - N1					10
N	0600	N1	Party Identification	O	1	
	0700	N2	Additional Name Information	O	2	
	0800	N3	Party Location	O	2	
	0900	N4	Geographic Location	O	1	
	1000	G61	Contact	O	1	
	1100	L11	Business Instructions and Reference Number	O	20	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LX					999
N	0100	LX	Transaction Set Line Number	M	1	
	0200	L11	Business Instructions and Reference Number	O	5	
	0300	G62	Date/Time	O	1	
	0400	G07	Carrier Information	O	>1	
	LOOP ID - N1					10
N	0500	N1	Party Identification	O	1	
	0600	N2	Additional Name Information	O	2	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	
	0900	G61	Contact	O	1	
	LOOP ID - Q8					999
N	1000	Q8	Detail Delivery Exception Information	M	1	
	1100	G62	Date/Time	O	1	
	1200	K1	Remarks	O	1	
	1250	LS	Loop Header	O	1	
	LOOP ID - N1					10

N	1300	N1	Party Identification	O	1			
	1400	N2	Additional Name Information	O	2			
	1500	N3	Party Location	O	2			
	1600	N4	Geographic Location	O	1			
	1650	LE	Loop Trailer	O	1			
	1700	SE	Transaction Set Trailer	M	1			

Notes

1/0400 The L11 segment is used to transmit reference numbers that are unique to the entire shipment, such as a master purchase order number or a master shipment identification number.

1/0600 The N1 loop allows for transmission of information and reference numbers pertaining to the shipper. The N9 could include dock number, door number, or plant number.

2/0100 The LX loop will contain only the information pertaining to the discrepancy.

2/0500 This N1 loop allows for transmission of information and reference numbers pertaining to the consignee.

2/1000 The Q8 loop allows for transmission of detailed information pertaining to the shipment discrepancy.

2/1300 This N1 loop allows for transmission of information pertaining to the final disposition of the shipment.

855 - Purchase Order Acknowledgment

FUNCTIONAL GROUP=**PR**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1	
	0400	CUR	Currency	O	1	
	0500	REF	Reference Information	O	>1	
	0600	PER	Administrative Communications Contact	O	3	
	0700	TAX	Tax Reference	O	>1	
	0800	FOB	F.O.B. Related Instructions	O	>1	
	0900	CTP	Pricing Information	O	>1	
	0950	PAM	Period Amount	O	10	
	1100	CSH	Sales Requirements	O	1	
	LOOP ID - SAC					>1
	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
	1250	CUR	Currency	O	1	
	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	1400	DIS	Discount Detail	O	20	
	1450	INC	Installment Information	O	1	
	1500	DTM	Date/Time Reference	O	10	
	1600	LDT	Lead Time	O	12	
N	1800	LIN	Item Identification	O	5	
	1850	SI	Service Characteristic Identification	O	>1	
	1900	PID	Product/Item Description	O	200	
	2000	MEA	Measurements	O	40	
	2100	PWK	Paperwork	O	25	
	2200	PKG	Marking, Packaging, Loading	O	25	
	2300	TD1	Carrier Details (Quantity and Weight)	O	2	
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	2500	TD3	Carrier Details (Equipment)	O	12	
	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	2700	MAN	Marks and Numbers Information	O	10	
	2750	TXI	Tax Information	O	>1	
	2770	CTB	Restrictions/Conditions	O	>1	

LOOP ID - N9					1000
2800	N9	Extended Reference Information	O	1	
2850	DTM	Date/Time Reference	O	>1	
2900	MTX	Text	O	>1	
2950	PWK	Paperwork	O	>1	
2980	EFI	Electronic Format Identification	O	>1	
LOOP ID - N1					>1
3000	N1	Party Identification	O	1	
3100	N2	Additional Name Information	O	2	
3150	IN2	Individual Name Structure Components	O	>1	
3200	N3	Party Location	O	2	
3300	N4	Geographic Location	O	1	
3350	NX2	Location ID Component	O	>1	
3400	REF	Reference Information	O	12	
3500	PER	Administrative Communications Contact	O	>1	
3550	SI	Service Characteristic Identification	O	>1	
3600	FOB	F.O.B. Related Instructions	O	1	
3700	TD1	Carrier Details (Quantity and Weight)	O	2	
3800	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
3900	TD3	Carrier Details (Equipment)	O	12	
4000	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
4100	PKG	Marking, Packaging, Loading	O	25	
4200	MTX	Text	O	>1	
LOOP ID - ADV					>1
4300	ADV	Advertising Demographic Information	O	1	
4400	DTM	Date/Time Reference	O	>1	
4500	MTX	Text	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - PO1						>1
N	0100	PO1	Baseline Item Data	O	1	
	0150	LIN	Item Identification	O	>1	
	0180	SI	Service Characteristic Identification	O	>1	
	0200	CUR	Currency	O	1	
	0300	PO3	Additional Item Detail	O	25	
	0400	CTP	Pricing Information	O	>1	
	0450	PAM	Period Amount	O	10	
	0490	MEA	Measurements	O	40	
LOOP ID - PID						1000
	0500	PID	Product/Item Description	O	1	
	0600	MEA	Measurements	O	10	
	0700	PWK	Paperwork	O	25	
	0900	PO4	Item Physical Details	O	>1	
	1000	REF	Reference Information	O	>1	

	1050	YNQ	Yes/No Question	O	25
	1100	PER	Administrative Communications Contact	O	3
LOOP ID - SAC					>1
	1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1
	1350	CUR	Currency	O	1
	1400	IT8	Conditions of Sale	O	1
	1420	CSH	Sales Requirements	O	>1
	1500	ITD	Terms of Sale/Deferred Terms of Sale	O	>1
	1600	DIS	Discount Detail	O	20
	1650	INC	Installment Information	O	1
	1700	TAX	Tax Reference	O	>1
	1800	FOB	F.O.B. Related Instructions	O	>1
	1900	SDQ	Destination Quantity	O	>1
	2000	DTM	Date/Time Reference	O	10
	2100	LDT	Lead Time	O	12
	2300	TD1	Carrier Details (Quantity and Weight)	O	1
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
	2500	TD3	Carrier Details (Equipment)	O	12
	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
LOOP ID - ACK					104
	2700	ACK	Line Item Acknowledgment	O	1
	2800	DTM	Date/Time Reference	O	1
	2900	MAN	Marks and Numbers Information	O	10
N	2930	AMT	Monetary Amount Information	O	1
	2950	CTB	Restrictions/Conditions	O	>1
	2960	TXI	Tax Information	O	>1
LOOP ID - QTY					>1
	3000	QTY	Quantity Information	O	1
	3020	SI	Service Characteristic Identification	O	>1
LOOP ID - PKG					200
	3030	PKG	Marking, Packaging, Loading	O	1
	3050	MEA	Measurements	O	>1
LOOP ID - SCH					200
N	3100	SCH	Line Item Schedule	O	1
	3150	TD1	Carrier Details (Quantity and Weight)	O	2
	3200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
	3300	TD3	Carrier Details (Equipment)	O	12
	3400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
	3450	REF	Reference Information	O	>1
LOOP ID - N9					1000
	3500	N9	Extended Reference Information	O	1
	3550	DTM	Date/Time Reference	O	>1
	3600	MTX	Text	O	>1

3650	PWK	Paperwork	O	>1	
3680	EFI	Electronic Format Identification	O	>1	
LOOP ID - N1					200
3700	N1	Party Identification	O	1	
3800	N2	Additional Name Information	O	2	
3850	IN2	Individual Name Structure Components	O	>1	
3900	N3	Party Location	O	2	
4000	N4	Geographic Location	O	1	
4050	NX2	Location ID Component	O	>1	
4100	REF	Reference Information	O	12	
4200	PER	Administrative Communications Contact	O	3	
4250	SI	Service Characteristic Identification	O	>1	
4260	DTM	Date/Time Reference	O	1	
4300	FOB	F.O.B. Related Instructions	O	1	
4350	SCH	Line Item Schedule	O	200	
4400	TD1	Carrier Details (Quantity and Weight)	O	2	
4500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
4600	TD3	Carrier Details (Equipment)	O	12	
4700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
4750	QTY	Quantity Information	O	>1	
4800	PKG	Marking, Packaging, Loading	O	25	
LOOP ID - SLN					1000
4900	SLN	Subline Item Detail	O	1	
4950	MTX	Text	O	>1	
5000	SI	Service Characteristic Identification	O	>1	
5100	PID	Product/Item Description	O	1000	
5200	PO3	Additional Item Detail	O	25	
5210	MEA	Measurements	O	>1	
5220	CTP	Pricing Information	O	25	
5230	PAM	Period Amount	O	10	
5300	ACK	Line Item Acknowledgment	O	104	
LOOP ID - SAC					10
5400	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
5450	CUR	Currency	O	1	
5500	DTM	Date/Time Reference	O	10	
5540	PO4	Item Physical Details	O	1	
5570	TAX	Tax Reference	O	3	
5580	ADV	Advertising Demographic Information	O	>1	
LOOP ID - QTY					>1
5590	QTY	Quantity Information	O	1	
5610	SI	Service Characteristic Identification	O	>1	
LOOP ID - N9					>1
5630	N9	Extended Reference Information	O	1	
5640	DTM	Date/Time Reference	O	>1	

5650	MTX	Text	O	>1	
LOOP ID - N1					10
5760	N1	Party Identification	O	1	
5780	N2	Additional Name Information	O	2	
5790	IN2	Individual Name Structure Components	O	>1	
5800	N3	Party Location	O	2	
5900	N4	Geographic Location	O	1	
6000	NX2	Location ID Component	O	>1	
6100	REF	Reference Information	O	12	
6200	PER	Administrative Communications Contact	O	3	
6250	SI	Service Characteristic Identification	O	>1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - CTT						1
N	0100	CTT	Transaction Totals	O	1	
N	0200	AMT	Monetary Amount Information	O	1	
	0300	SE	Transaction Set Trailer	M	1	

Notes

1/1800 If segment LIN is used, do not use LIN01.

2/0100 PO102 is required.

2/2930 If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.

2/3100 The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

3/0100 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0200 If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

856 - Ship Notice/Manifest

FUNCTIONAL GROUP=**SH**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information.

The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BSN	Beginning Segment for Ship Notice	M	1	
0400	DTM	Date/Time Reference	O	10	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - HL					200000
C	0100	HL	Hierarchical Level	M	1	
	0200	LIN	Item Identification	O	1	
	0300	SN1	Item Detail (Shipment)	O	1	
	0400	SLN	Subline Item Detail	O	1000	
	0500	PRF	Purchase Order Reference	O	1	
	0600	PO4	Item Physical Details	O	1	
	0700	PID	Product/Item Description	O	200	
	0800	MEA	Measurements	O	40	
	0900	PWK	Paperwork	O	25	
	1000	PKG	Marking, Packaging, Loading	O	25	
	1100	TD1	Carrier Details (Quantity and Weight)	O	20	
	1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	LOOP ID - TD3					12
	1300	TD3	Carrier Details (Equipment)	O	1	
	1350	AT9	Trailer or Container Dimension and Weight	O	1	
	1400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	1450	TSD	Trailer Shipment Details	O	1	
	1500	REF	Reference Information	O	>1	

1510	PER	Administrative Communications Contact	O	3	
LOOP ID - LH1					100
1520	LH1	Hazardous Identification Information	O	1	
1530	LH2	Hazardous Classification Information	O	4	
1540	LH3	Hazardous Material Shipping Name Information	O	12	
1550	LFH	Free-form Hazardous Material Information	O	20	
1560	LEP	EPA Required Data	O	>1	
1570	LH4	Canadian Dangerous Requirements	O	4	
1580	LHT	Transborder Hazardous Requirements	O	3	
1590	LHR	Hazardous Material Identifying Reference Numbers	O	10	
1600	PER	Administrative Communications Contact	O	5	
1610	LHE	Empty Equipment Hazardous Material Information	O	1	
LOOP ID - CLD					200
1700	CLD	Load Detail	O	1	
1800	REF	Reference Information	O	200	
1850	DTP	Date or Time or Period	O	1	
1900	MAN	Marks and Numbers Information	O	>1	
2000	DTM	Date/Time Reference	O	10	
2100	FOB	F.O.B. Related Instructions	O	1	
2150	PAL	Pallet Type and Load Characteristics	O	1	
LOOP ID - N1					200
2200	N1	Party Identification	O	1	
2300	N2	Additional Name Information	O	2	
2400	N3	Party Location	O	2	
2500	N4	Geographic Location	O	1	
2600	REF	Reference Information	O	12	
2700	PER	Administrative Communications Contact	O	3	
2800	FOB	F.O.B. Related Instructions	O	1	
2900	SDQ	Destination Quantity	O	50	
3000	ETD	Excess Transportation Detail	O	1	
3100	CUR	Currency	O	1	
LOOP ID - SAC					>1
3200	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
3250	CUR	Currency	O	1	
3300	GF	Furnished Goods and Services	O	1	
3350	YNQ	Yes/No Question	O	10	
LOOP ID - LM					10
3400	LM	Code Source Information	O	1	
3500	LQ	Industry Code Identification	M	100	
LOOP ID - V1					>1
3600	V1	Vessel Identification	O	1	
3700	R4	Port or Terminal	O	>1	
3800	DTM	Date/Time Reference	O	>1	
LOOP ID - AMT					5

N	3900	AMT	Monetary Amount Information	O	1	
	4000	CUR	Currency	O	1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

2/3900 The AMT loop is used to convey monetary amount information pertaining to a shipment or order. The only AMT01 codes that may be used are SM1-Insurance Value, SM2-Declared Value, SM3-Shipment Value, SM4-Pay on Delivery, and SM5-Landed Cost Value.

2/3900 The AMT loop is used with the Shipment or Order levels, as identified by BSN05. The AMT loop does not replace the use of an Invoice document between the trade parties..

3/0100 Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Comments

2/0100 The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

857 - Shipment and Billing Notice

FUNCTIONAL GROUP=**BS**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Shipment and Billing Notice Transaction Set (857) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides the recipient of a shipment with data for both receipt planning and payment generation.

EDI and telecommunications technologies suggest efficiencies in the way business data is processed. For example, the sender of a shipment may send the recipient's receiving function a Ship Notice/Manifest (856), and the payables function an Invoice (810), even though the contents of these two documents may be largely redundant. In certain business environments, the Shipment and Billing Notice permits the consolidation of these two documents into one.

Specifically, this transaction set is appropriate where the shipment data, when it includes terms and item prices, can be used both to plan receipts and to generate payment. In this environment, the exact prices for the items shipped may not be known in advance by both parties. This transaction set is not appropriate in so-called Evaluated Receipts Settlement (ERS) environments, in which the exact prices for the items shipped have been agreed upon by, and are known to, both parties in advance.

This transaction set is not to be used to replace the Ship Notice/Manifest (856) or Invoice (810) individually, but only to replace both, together. For example, do not use this transaction set in place of a Ship Notice/Manifest while continuing to send either paper or electronic invoice.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
NNNNN	0200	BHT	Beginning of Hierarchical Transaction	M	1	
LOOP ID - HL						>1
N	0300	HL	Hierarchical Level	M	1	
LOOP ID - BS1						1
N	0400	G05	Total Shipment Information	O	1	
	0500	TD1	Carrier Details (Quantity and Weight)	O	5	
	0600	TD3	Carrier Details (Equipment)	O	5	
	0700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	0800	TD5	Carrier Details (Routing Sequence/Transit Time)	O	10	
	0900	FOB	F.O.B. Related Instructions	O	1	
	1000	DTM	Date/Time Reference	O	5	
	1100	N9	Extended Reference Information	O	20	
	1200	PER	Administrative Communications Contact	O	5	
	1300	CUR	Currency	O	1	

LOOP ID - N1						10
	1400	N1	Party Identification	O	1	
	1500	N2	Additional Name Information	O	2	
	1600	N3	Party Location	O	2	
	1700	N4	Geographic Location	O	1	
LOOP ID - LM						>1
	1750	LM	Code Source Information	O	1	
	1760	LQ	Industry Code Identification	M	>1	
LOOP ID - BS2						1
N	1800	TDS	Total Monetary Value Summary	O	1	
	1900	PRF	Purchase Order Reference	O	1	
	2000	N9	Extended Reference Information	O	>1	
	2100	DTM	Date/Time Reference	O	10	
	2150	MTX	Text	O	5	
	2200	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	2300	TXI	Tax Information	O	10	
	2350	SN1	Item Detail (Shipment)	O	1	
	2370	ISS	Invoice Shipment Summary	O	1	
LOOP ID - SAC						25
	2400	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
	2500	TXI	Tax Information	O	10	
LOOP ID - N1						10
	2600	N1	Party Identification	O	1	
	2700	N2	Additional Name Information	O	2	
	2800	N3	Party Location	O	2	
	2900	N4	Geographic Location	O	1	
LOOP ID - FA1						>1
	2940	FA1	Type of Financial Accounting Data	O	1	
	2950	FA2	Accounting Data	M	>1	
LOOP ID - BS3						1
N	3000	PAL	Pallet Type and Load Characteristics	O	1	
	3050	SN1	Item Detail (Shipment)	O	1	
	3100	MAN	Marks and Numbers Information	O	10	
LOOP ID - BS4						1
N	3200	LX	Transaction Set Line Number	O	1	
	3250	N9	Extended Reference Information	O	15	
	3280	SN1	Item Detail (Shipment)	O	1	
	3300	PO4	Item Physical Details	O	1	
	3400	MEA	Measurements	O	10	
	3500	PKG	Marking, Packaging, Loading	O	10	
	3600	MAN	Marks and Numbers Information	O	10	
LOOP ID - BS5						1
N	3700	IT1	Baseline Item Data (Invoice)	O	1	
	3800	IT3	Additional Item Data	O	1	

3900	PO4	Item Physical Details	O	1	
3950	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1	
4000	TC2	Commodity	O	5	
4100	TXI	Tax Information	O	10	
4200	CTP	Pricing Information	O	10	
4300	N9	Extended Reference Information	O	10	
4400	MEA	Measurements	O	10	
4450	DTM	Date/Time Reference	O	10	
4460	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
LOOP ID - PID					25
4500	PID	Product/Item Description	O	1	
4600	MEA	Measurements	O	10	
LOOP ID - SLN					1000
4700	SLN	Subline Item Detail	O	1	
4800	PID	Product/Item Description	O	25	
LOOP ID - SAC					25
4900	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
5000	TXI	Tax Information	O	10	
LOOP ID - LM					>1
5050	LM	Code Source Information	O	1	
5060	LQ	Industry Code Identification	M	>1	
LOOP ID - FA1					>1
5070	FA1	Type of Financial Accounting Data	O	1	
5080	FA2	Accounting Data	M	>1	
5100	SE	Transaction Set Trailer	M	1	

Notes

1/0200 BHT01, Hierarchical Structure Code, may only contain the code values 0001, 0002, and 0003.

1/0200 BHT03 and BHT04 are mandatory.

1/0200 When BHT01, Hierarchical Structure Code, contains a value of 0003, the levels of the transaction set are Shipment, Tare (pallet), Pack (carton), Subpack, Order and Item. The levels, when used, must always appear (in the transaction set) in the above order, e.g., the pack level can not be subordinate to the order level, however the pack level may be omitted.

1/0200 When BHT01, the Hierarchical Structure Code, contains a value of 0001, the levels of the transaction set are Shipment, Order, Tare (pallet), Pack (carton), Subpack, and Item. The levels, when used, must always appear (in the transmission) in the above order, e.g., the tare level cannot be subordinate to the item level; however, the pack level may be omitted.

1/0200 When BHT01, the Hierarchical Structure Code, contains a value of 0002, the levels of the transaction set are Shipment, Order, Item, Tare (pallet), Pack (carton), and Subpack. The levels, when used, must always appear (in the transmission) in the above order, e.g., the tare level cannot be subordinate to the pack level; however, the tare level may be omitted.

1/0300 HL01 (Hierarchical ID Number) will be assigned sequentially within the hierarchy starting with one and incremented by one for each HL segment.

1/0300 HL02 (Hierarchical Parent ID) will have the value of 0 when used at the Shipment Level.

1/0300 HL03 (Hierarchical Level Code) may only contain the codes: S (Shipment Level), O (Order Level), T (Tare Level), P (Pack Level), Q (Subpack Level), and I (Item Level).
1/0400 The BS1 loop may only be used at the Shipment Level.
1/0400 The transaction set shall contain one and only one occurrence of the BS1 loop, Shipment level.
1/1800 The BS2 loop may only be used at the Order Level.
1/1800 The Transaction Set shall contain at least one occurrence of the BS2 loop, Order Level.
1/3000 The BS3 loop may only be used at the Tare (pallet) Level.
1/3200 LX01 (Assigned Number) will be sequentially assigned starting with one and incremented by one for each LX segment.
1/3200 The BS4 loop may only be used at the Pack (carton) and Subpack Levels. The Subpack Level may only be used in conjunction with the Pack Level.
1/3200 The LX segment is used to bound the segments for the Pack and Subpack Levels to allow all segments within the loop to be optional. It has no relevance to the application data being sent.
1/3700 The BS5 loop may only be used at the Item Level.
1/3700 There shall be at least one occurrence of the BS5 loop, Item Level within each Order Level.

Comments

1/0100 The structure of this transaction set is one shipment of one or more orders.
1/0100 This transaction set is used to convey information that is normally found on a shipping/receiving document and an invoice, in a paper environment. In most cases prices are excluded from the receiving documents. Care should be exercised to keep this information from the receiving area if it is the current practice to exclude such information. It may be prudent to consult an auditor or legal representative if there is any question.

858 - Shipment Information

FUNCTIONAL GROUP=**SI**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Shipment Information Transaction Set (858) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the sender with the capability to transmit detailed bill-of-lading, rating, and/or scheduling information pertinent to a shipment.

This transaction set can also be used to exchange Government Bills of Lading (GBLs), Commercial Bills of Lading (CBLs), Transportation Control and Movement Documents (TCMDs), and Personal Property Government Bills of Lading (PPGBLs). It may be used by the U.S. Civilian Government, U.S. Department of Defense, and any of their trading partners to exchange information about the shipment of freight, household goods, and passengers. This transaction set fulfills information requirements established by U.S. Government transportation movement rules and regulations.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	ZC1	Beginning Segment for Data Correction or Change	O	1	
N	0300	BX	General Shipment Information	M	1	
	0400	BNX	Rail Shipment Information	O	1	
	0500	M3	Release	O	1	
	0600	N9	Extended Reference Information	O	30	
	0650	CM	Cargo Manifest	O	3	
	0700	Y6	Authentication	O	4	
	0800	Y7	Cargo Booking Priority	O	1	
	0900	C3	Currency Identifier	O	1	
	1000	ITD	Terms of Sale/Deferred Terms of Sale	O	1	
	1100	G62	Date/Time	O	10	
	1200	PER	Administrative Communications Contact	O	3	
	1300	NA	Cross-Reference Equipment	O	999	
	1400	F9	Origin Station	O	1	
	1500	D9	Destination Station	O	1	
	1600	R1	Route Information (Air)	O	1	
	1700	R2	Route Information	O	13	
	1750	R3	Route Information - Motor	O	13	
	1800	R4	Port or Terminal	O	5	
	1900	MEA	Measurements	O	10	
	2000	H3	Special Handling Instructions	O	20	
	2010	PS	Protective Service Instructions	O	5	
	2100	H6	Special Services	O	6	
	2110	V4	Cargo Location Reference	O	1	
	2120	V5	Vessel Identification	O	1	

LOOP ID - E1					2
2200	E1	Empty Car Disposition - Pended Destination Consignee	O	1	
2300	E4	Empty Car Disposition - Pended Destination City	O	1	
2400	E5	Empty Car Disposition - Pended Destination Route	O	13	
2450	PI	Price Authority Identification	O	1	
2500	M1	Insurance	O	1	
2600	M2	Sales/Delivery Terms	O	1	
2700	L7	Tariff Reference	O	30	
2800	NTE	Note/Special Instruction	O	50	
2900	XH	Pro Forma - B13 Information	O	1	
LOOP ID - N7					600
3300	N7	Equipment Details	O	1	
3310	EM	Equipment Characteristics	O	1	
3350	NA	Cross-Reference Equipment	O	30	
3400	M7	Seal Numbers	O	5	
3500	N5	Equipment Ordered	O	1	
3550	G62	Date/Time	O	2	
3600	REF	Reference Information	O	5	
3700	IC	Intermodal Chassis Equipment	O	1	
3750	VC	Motor Vehicle Control	O	36	
3770	M12	In-bond Identifying Information	O	2	
3800	GA	Canadian Grain Information	O	15	
LOOP ID - E1					2
3810	E1	Empty Car Disposition - Pended Destination Consignee	O	1	
3820	E4	Empty Car Disposition - Pended Destination City	O	1	
3830	E5	Empty Car Disposition - Pended Destination Route	O	13	
3840	PI	Price Authority Identification	O	1	
LOOP ID - N1					12
3900	N1	Party Identification	O	1	
4000	N2	Additional Name Information	O	2	
4100	N3	Party Location	O	2	
4200	N4	Geographic Location	O	1	
4300	REF	Reference Information	O	12	
4400	PER	Administrative Communications Contact	O	3	
4450	H3	Special Handling Instructions	O	5	
LOOP ID - S5					999
4500	S5	Stop-off Details	O	1	
4600	G62	Date/Time	O	6	
4700	N9	Extended Reference Information	O	10	
4800	H6	Special Services	O	6	
LOOP ID - N1					5
4900	N1	Party Identification	O	1	
5000	N2	Additional Name Information	O	2	
5100	N3	Party Location	O	2	
5200	N4	Geographic Location	O	1	
5300	REF	Reference Information	O	12	

5400	PER	Administrative Communications Contact	O	3	
LOOP ID - FA1					>1
5500	FA1	Type of Financial Accounting Data	O	1	
5600	FA2	Accounting Data	M	>1	
5700	L10	Weight Information	O	1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - HL					>1
0100	HL	Hierarchical Level	M	1	
0200	N7	Equipment Details	O	1	
0300	NA	Cross-Reference Equipment	O	1	
0400	M7	Seal Numbers	O	5	
0500	N5	Equipment Ordered	O	1	
0600	REF	Reference Information	O	5	
0700	IC	Intermodal Chassis Equipment	O	1	
0800	VC	Motor Vehicle Control	O	36	
0900	L7	Tariff Reference	O	10	
0950	SL1	Tariff Details	O	1	
1000	N9	Extended Reference Information	O	10	
1050	H3	Special Handling Instructions	O	1	
1070	M12	In-bond Identifying Information	O	2	
1100	X1	Export License	O	6	
1200	X2	Import License	O	1	
1300	L5	Description, Marks and Numbers	O	10	
1310	PER	Administrative Communications Contact	O	5	
1320	LH2	Hazardous Classification Information	O	6	
1330	LHR	Hazardous Material Identifying Reference Numbers	O	1	
1340	LH6	Hazardous Certification	O	10	
1370	Y7	Cargo Booking Priority	O	2	
1380	G62	Date/Time	O	10	
1400	NTE	Note/Special Instruction	O	100	
1420	LP	Load Planning	O	1	
1430	AXL	Vehicle Axle Measurements	O	12	
LOOP ID - L0					20
1450	L0	Line Item - Quantity and Weight	O	1	
1500	L1	Rate and Charges	O	20	
1600	MEA	Measurements	O	10	
LOOP ID - PI					30
1650	PI	Price Authority Identification	O	1	
1670	CD	Shipment Conditions	O	10	
LOOP ID - LH1					1000
1700	LH1	Hazardous Identification Information	O	1	
N 1800	LH2	Hazardous Classification Information	O	4	
1900	LH3	Hazardous Material Shipping Name Information	O	12	
1910	LFH	Free-form Hazardous Material Information	O	30	

	1920	LEP	EPA Required Data	O	3	
	2000	LH4	Canadian Dangerous Requirements	O	4	
	2010	LHT	Transborder Hazardous Requirements	O	3	
N	2100	LHR	Hazardous Material Identifying Reference Numbers	O	10	
	2150	PER	Administrative Communications Contact	O	5	
N	2200	LHE	Empty Equipment Hazardous Material Information	O	1	
	LOOP ID - FA1					>1
	2300	FA1	Type of Financial Accounting Data	O	1	
	2400	FA2	Accounting Data	M	>1	
	2500	L10	Weight Information	O	1	
	LOOP ID - NM1					4
	2600	NM1	Individual or Organizational Name	O	1	
	2700	N3	Party Location	O	2	
	2800	N4	Geographic Location	O	1	
	LOOP ID - N1					4
	2900	N1	Party Identification	O	1	
	3000	N2	Additional Name Information	O	2	
	3100	N3	Party Location	O	2	
	3200	N4	Geographic Location	O	1	
	3300	PER	Administrative Communications Contact	O	2	
	3400	BL	Billing Information	O	12	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	L3	Total Weight and Charges	O	1	
0200	SE	Transaction Set Trailer	M	1	

Notes

1/0300 BX05 contains the Standard Carrier Alpha Code (SCAC) of the original roadhaul carrier receiving the shipment.

2/1800 If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.

2/2100 All receivers of the EDI transactions covering empty tank cars which last contained hazardous commodities must be able to add the constant words: RESIDUE: LAST CONTAINED ahead of the contents of LHE01 and add the constant: RESIDUE following the contents of the LHE02 when printing paper documents.

2/2200 When used in the hazardous material loop, the segment will identify the various certification, exemption or shipper-related numbers that relate to the specific line item of the shipment that are in addition to the UN/UA number reference in the LH1 segment.

859 - Freight Invoice

FUNCTIONAL GROUP=**FB**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Freight Invoice Transaction Set (859) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the sender with the capability to transmit an invoice, including charges, allowances, and details, for transportation services rendered.

This transaction set can also be used to exchange transportation services invoice information based on services provided in accordance with Government transportation rules and regulations. It may be used by the U.S. Civilian Government, U.S. Department of Defense, and any of their trading partners to exchange invoice information resulting from the shipment of freight, household goods, and passengers. This transaction set fulfills financial information requirements established by the U.S. Government.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B3	Beginning Segment for Carrier's Invoice	M	1	
0300	B3A	Invoice Type	O	1	
0400	N9	Extended Reference Information	O	30	
0500	CM	Cargo Manifest	O	1	
0600	Y6	Authentication	O	4	
0700	Y7	Cargo Booking Priority	O	1	
0800	C3	Currency Identifier	O	1	
0900	ITD	Terms of Sale/Deferred Terms of Sale	O	1	
1000	G62	Date/Time	O	10	
1100	PER	Administrative Communications Contact	O	3	
1200	NA	Cross-Reference Equipment	O	30	
1300	F9	Origin Station	O	1	
1400	D9	Destination Station	O	1	
1500	R1	Route Information (Air)	O	1	
1600	R2	Route Information	O	13	
1700	H3	Special Handling Instructions	O	6	
1710	PS	Protective Service Instructions	O	5	
1800	H6	Special Services	O	6	
1900	M1	Insurance	O	1	
2000	M2	Sales/Delivery Terms	O	1	
2100	L7	Tariff Reference	O	30	
2200	NTE	Note/Special Instruction	O	30	
2300	XH	Pro Forma - B13 Information	O	1	
2500	P1	Pickup	O	1	
2600	ITA	Allowance, Charge or Service	O	1	
2700	N8	Waybill Reference	O	499	

2800	R9	Route Code Identification	O	1	
LOOP ID - H1					3
2900	H1	Hazardous Material	O	1	
3000	H2	Additional Hazardous Material Description	O	2	
LOOP ID - N7					600
3100	N7	Equipment Details	O	1	
3200	M7	Seal Numbers	O	5	
3300	N5	Equipment Ordered	O	1	
3400	REF	Reference Information	O	5	
3500	IC	Intermodal Chassis Equipment	O	1	
3600	VC	Motor Vehicle Control	O	36	
3700	G4	Scale Identification	O	1	
3750	GA	Canadian Grain Information	O	15	
LOOP ID - N1					10
3800	N1	Party Identification	O	1	
3900	N2	Additional Name Information	O	2	
4000	N3	Party Location	O	2	
4100	N4	Geographic Location	O	1	
4200	REF	Reference Information	O	12	
4300	PER	Administrative Communications Contact	O	3	
LOOP ID - S5					50
4400	S5	Stop-off Details	O	1	
4500	G62	Date/Time	O	6	
4600	N9	Extended Reference Information	O	10	
4700	H6	Special Services	O	6	
LOOP ID - N1					5
4800	N1	Party Identification	O	1	
4900	N2	Additional Name Information	O	2	
5000	N3	Party Location	O	2	
5100	N4	Geographic Location	O	1	
5200	REF	Reference Information	O	12	
5300	PER	Administrative Communications Contact	O	3	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LX					999
0100	LX	Transaction Set Line Number	M	1	
LOOP ID - N1					10
0200	N1	Party Identification	O	1	
0300	N2	Additional Name Information	O	2	
0400	N3	Party Location	O	2	
0500	N4	Geographic Location	O	1	
0600	REF	Reference Information	O	12	
0700	PER	Administrative Communications Contact	O	3	
1000	L5	Description, Marks and Numbers	O	10	

LOOP ID - L0					10
1100	L0	Line Item - Quantity and Weight	O	1	
1200	L1	Rate and Charges	O	20	
1300	MEA	Measurements	O	5	
1400	L7	Tariff Reference	O	10	
1600	SL1	Tariff Details	O	1	
1700	R1	Route Information (Air)	O	1	
1800	LH	Mixed Hazardous Commodities	O	1	
1900	N9	Extended Reference Information	O	10	
2000	X1	Export License	O	6	
2100	X2	Import License	O	1	
2200	P1	Pickup	O	1	
2300	POD	Proof of Delivery	O	1	
2400	FOB	F.O.B. Related Instructions	O	1	
2500	ITA	Allowance, Charge or Service	O	20	
2600	L8	Line Item Subtotal	O	1	
2700	V9	Event Detail	O	1	
2800	P2	Delivery Date Information	O	1	
2900	N7	Equipment Details	O	5	
LOOP ID - H1					3
3000	H1	Hazardous Material	O	1	
3100	H2	Additional Hazardous Material Description	O	2	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	L3	Total Weight and Charges	O	1	
0200	SE	Transaction Set Trailer	M	1	

860 - Purchase Order Change Request - Buyer Initiated

FUNCTIONAL GROUP=**PC**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BCH	Beginning Segment for Purchase Order Change	M	1	
	0400	CUR	Currency	O	1	
	0500	REF	Reference Information	O	>1	
	0600	PER	Administrative Communications Contact	O	3	
	0700	TAX	Tax Reference	O	>1	
	0800	FOB	F.O.B. Related Instructions	O	>1	
	0900	CTP	Pricing Information	O	>1	
	0950	PAM	Period Amount	O	10	
	1100	CSH	Sales Requirements	O	5	
	LOOP ID - SAC					>1
	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
	1250	CUR	Currency	O	1	
	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	1400	DIS	Discount Detail	O	20	
	1450	INC	Installment Information	O	1	
	1500	DTM	Date/Time Reference	O	10	
N	1800	LIN	Item Identification	O	5	
	1850	SI	Service Characteristic Identification	O	>1	
	1900	PID	Product/Item Description	O	200	
	2000	MEA	Measurements	O	40	
	2100	PWK	Paperwork	O	25	
	2200	PKG	Marking, Packaging, Loading	O	200	
	2300	TD1	Carrier Details (Quantity and Weight)	O	2	
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	2500	TD3	Carrier Details (Equipment)	O	12	
	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	2670	CTB	Restrictions/Conditions	O	>1	

2700	MAN	Marks and Numbers Information	O	10	
2740	G53	Maintenance Type	O	>1	
2750	TXI	Tax Information	O	>1	
2760	PCT	Percent Amounts	O	>1	
LOOP ID - LDT					>1
2762	LDT	Lead Time	O	1	
2764	QTY	Quantity Information	O	>1	
2766	MTX	Text	O	>1	
2768	REF	Reference Information	O	>1	
LOOP ID - AMT					>1
2770	AMT	Monetary Amount Information	O	1	
2790	REF	Reference Information	O	>1	
2800	DTM	Date/Time Reference	O	1	
2810	PCT	Percent Amounts	O	>1	
LOOP ID - FA1					>1
2820	FA1	Type of Financial Accounting Data	O	1	
2830	FA2	Accounting Data	M	>1	
LOOP ID - N9					1000
2850	N9	Extended Reference Information	O	1	
2870	DTM	Date/Time Reference	O	>1	
2900	MTX	Text	O	>1	
2950	PWK	Paperwork	O	>1	
2980	EFI	Electronic Format Identification	O	>1	
LOOP ID - N1					>1
3000	N1	Party Identification	O	1	
3100	N2	Additional Name Information	O	2	
3150	IN2	Individual Name Structure Components	O	>1	
3200	N3	Party Location	O	2	
3300	N4	Geographic Location	O	>1	
3350	NX2	Location ID Component	O	>1	
3400	REF	Reference Information	O	12	
3500	PER	Administrative Communications Contact	O	>1	
3550	SI	Service Characteristic Identification	O	>1	
3600	FOB	F.O.B. Related Instructions	O	1	
3700	TD1	Carrier Details (Quantity and Weight)	O	2	
3800	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
3900	TD3	Carrier Details (Equipment)	O	12	
4000	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
4100	PKG	Marking, Packaging, Loading	O	200	
LOOP ID - LM					>1
4200	LM	Code Source Information	O	1	
4300	LQ	Industry Code Identification	M	>1	
LOOP ID - SPI					>1
4400	SPI	Specification Identifier	O	1	

4500	REF	Reference Information	O	5	
4600	DTM	Date/Time Reference	O	5	
4700	MTX	Text	O	>1	
LOOP ID - N1					20
4800	N1	Party Identification	O	1	
4900	N2	Additional Name Information	O	2	
5000	N3	Party Location	O	2	
5100	N4	Geographic Location	O	1	
5200	REF	Reference Information	O	20	
5300	G61	Contact	O	1	
5400	MTX	Text	O	>1	
LOOP ID - CB1					>1
5500	CB1	Contract and Cost Accounting Standards Data	O	1	
5600	REF	Reference Information	O	20	
5700	DTM	Date/Time Reference	O	5	
5800	LDT	Lead Time	O	1	
5900	MTX	Text	O	>1	
LOOP ID - ADV					>1
6000	ADV	Advertising Demographic Information	O	1	
6100	DTM	Date/Time Reference	O	>1	
6200	MTX	Text	O	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - POC					>1
0100	POC	Line Item Change	O	1	
0150	LIN	Item Identification	O	>1	
0180	SI	Service Characteristic Identification	O	>1	
0200	CUR	Currency	O	1	
0250	CN1	Contract Information	O	1	
0300	PO3	Additional Item Detail	O	25	
0400	CTP	Pricing Information	O	>1	
0410	PAM	Period Amount	O	10	
0490	MEA	Measurements	O	40	
0495	PAL	Pallet Type and Load Characteristics	O	1	
LOOP ID - PID					1000
0500	PID	Product/Item Description	O	1	
0600	MEA	Measurements	O	10	
0700	PWK	Paperwork	O	25	
0800	PKG	Marking, Packaging, Loading	O	200	
0900	PO4	Item Physical Details	O	>1	
1000	REF	Reference Information	O	>1	
1100	PER	Administrative Communications Contact	O	3	
LOOP ID - SAC					>1
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
1350	CUR	Currency	O	1	

1400	IT8	Conditions of Sale	O	1	
1420	CSH	Sales Requirements	O	>1	
1500	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
1600	DIS	Discount Detail	O	20	
1650	INC	Installment Information	O	1	
1700	TAX	Tax Reference	O	>1	
1800	FOB	F.O.B. Related Instructions	O	>1	
1900	SDQ	Destination Quantity	O	>1	
2000	DTM	Date/Time Reference	O	10	
2300	TD1	Carrier Details (Quantity and Weight)	O	1	
2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
2500	TD3	Carrier Details (Equipment)	O	12	
2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
2700	MAN	Marks and Numbers Information	O	10	
2760	PCT	Percent Amounts	O	>1	
2850	TC2	Commodity	O	2	
2860	CTB	Restrictions/Conditions	O	>1	
2900	TXI	Tax Information	O	>1	
2910	SPI	Specification Identifier	O	>1	
2920	MTX	Text	O	>1	
LOOP ID - QTY					>1
2930	QTY	Quantity Information	O	1	
2940	SI	Service Characteristic Identification	O	>1	
LOOP ID - SCH					200
2950	SCH	Line Item Schedule	O	1	
3000	TD1	Carrier Details (Quantity and Weight)	O	2	
3050	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
3100	TD3	Carrier Details (Equipment)	O	12	
3150	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
3160	REF	Reference Information	O	>1	
LOOP ID - N9					1000
3200	N9	Extended Reference Information	O	1	
3250	DTM	Date/Time Reference	O	>1	
3260	MTX	Text	O	>1	
3270	PWK	Paperwork	O	>1	
3290	EFI	Electronic Format Identification	O	>1	
3310	LS	Loop Header	O	1	
LOOP ID - LDT					>1
3320	LDT	Lead Time	O	1	
3330	QTY	Quantity Information	O	>1	
3340	MTX	Text	O	>1	
3350	REF	Reference Information	O	3	
LOOP ID - LM					>1
3360	LM	Code Source Information	O	1	

3370	LQ	Industry Code Identification	M	>1	
3380	LE	Loop Trailer	O	1	
LOOP ID - N1					200
3400	N1	Party Identification	O	1	
3500	N2	Additional Name Information	O	2	
3550	IN2	Individual Name Structure Components	O	>1	
3600	N3	Party Location	O	2	
3700	N4	Geographic Location	O	1	
3730	QTY	Quantity Information	O	>1	
3750	NX2	Location ID Component	O	>1	
3800	REF	Reference Information	O	12	
3900	PER	Administrative Communications Contact	O	3	
3950	SI	Service Characteristic Identification	O	>1	
3960	DTM	Date/Time Reference	O	1	
4000	FOB	F.O.B. Related Instructions	O	1	
4050	SCH	Line Item Schedule	O	200	
4100	TD1	Carrier Details (Quantity and Weight)	O	2	
4200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
4300	TD3	Carrier Details (Equipment)	O	12	
4400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
4500	PKG	Marking, Packaging, Loading	O	200	
LOOP ID - LDT					>1
4510	LDT	Lead Time	O	1	
4520	MAN	Marks and Numbers Information	O	10	
4530	QTY	Quantity Information	O	5	
4540	MTX	Text	O	>1	
4550	REF	Reference Information	O	3	
LOOP ID - SLN					1000
4600	SLN	Subline Item Detail	O	1	
4650	MTX	Text	O	>1	
4700	SI	Service Characteristic Identification	O	>1	
4800	PID	Product/Item Description	O	1000	
4900	PO3	Additional Item Detail	O	104	
4930	MEA	Measurements	O	>1	
4950	TC2	Commodity	O	2	
LOOP ID - SAC					10
5000	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
5050	CUR	Currency	O	1	
5100	DTM	Date/Time Reference	O	10	
5120	CTP	Pricing Information	O	25	
5130	PAM	Period Amount	O	10	
5140	PO4	Item Physical Details	O	1	
5170	TAX	Tax Reference	O	3	
5180	ADV	Advertising Demographic Information	O	>1	
LOOP ID - QTY					>1

5190	QTY	Quantity Information	O	1	
5210	SI	Service Characteristic Identification	O	>1	
LOOP ID - N9					>1
5230	N9	Extended Reference Information	O	1	
5240	DTM	Date/Time Reference	O	>1	
5250	MTX	Text	O	>1	
LOOP ID - N1					10
5360	N1	Party Identification	O	1	
5380	N2	Additional Name Information	O	2	
5390	IN2	Individual Name Structure Components	O	>1	
5400	N3	Party Location	O	2	
5500	N4	Geographic Location	O	1	
5600	NX2	Location ID Component	O	>1	
5700	REF	Reference Information	O	12	
5800	PER	Administrative Communications Contact	O	3	
5850	SI	Service Characteristic Identification	O	>1	
LOOP ID - AMT					>1
5900	AMT	Monetary Amount Information	O	1	
6000	REF	Reference Information	O	>1	
6020	PCT	Percent Amounts	O	>1	
LOOP ID - LM					>1
6100	LM	Code Source Information	O	1	
6200	LQ	Industry Code Identification	M	>1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - CTT						1
N	0100	CTT	Transaction Totals	O	1	
	0200	AMT	Monetary Amount Information	O	5	
	0300	SE	Transaction Set Trailer	M	1	

Notes

1/1800 If segment LIN is used, do not use LIN01.

3/0100 Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

861 - Receiving Advice/Acceptance Certificate

FUNCTIONAL GROUP=**RC**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Receiving Advice/Acceptance Certificate Transaction Set (861) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the notification of receipt or formal acceptance of goods and services.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	BRA	Beginning Segment for Receiving Advice or Acceptance Certificate	M	1	
	0400	CUR	Currency	O	1	
	0500	REF	Reference Information	O	>1	
	0600	PER	Administrative Communications Contact	O	3	
	0700	DTM	Date/Time Reference	M	10	
	0800	PRF	Purchase Order Reference	O	25	
	0900	TD1	Carrier Details (Quantity and Weight)	O	2	
	1000	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	1100	TD3	Carrier Details (Equipment)	O	12	
	1200	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	1250	MEA	Measurements	O	40	
	LOOP ID - N1					200
	1300	N1	Party Identification	O	1	
	1400	N2	Additional Name Information	O	2	
	1500	N3	Party Location	O	2	
	1600	N4	Geographic Location	O	1	
	1700	REF	Reference Information	O	100	
	1800	PER	Administrative Communications Contact	O	3	
	1900	FOB	F.O.B. Related Instructions	O	1	
	LOOP ID - LM					10
	2000	LM	Code Source Information	O	1	
	2100	LQ	Industry Code Identification	M	100	
	LOOP ID - FA1					>1
	2200	FA1	Type of Financial Accounting Data	O	1	
	2300	FA2	Accounting Data	M	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - RCD					>1
	0100	RCD	Receiving Conditions	O	1	
	0200	SN1	Item Detail (Shipment)	O	1	

0300	CUR	Currency	O	1	
0400	LIN	Item Identification	O	100	
0500	PID	Product/Item Description	O	1000	
0600	PO4	Item Physical Details	O	100	
0700	REF	Reference Information	O	12	
0800	PER	Administrative Communications Contact	O	3	
0900	DTM	Date/Time Reference	O	10	
1000	PRF	Purchase Order Reference	O	25	
1100	MEA	Measurements	O	>1	
1200	FOB	F.O.B. Related Instructions	O	1	
1300	TD1	Carrier Details (Quantity and Weight)	O	20	
1400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
1500	TD3	Carrier Details (Equipment)	O	12	
1600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
1700	SAC	Service, Promotion, Allowance, or Charge Information	O	10	
1800	MAN	Marks and Numbers Information	O	>1	
LOOP ID - LM					10
1850	LM	Code Source Information	O	1	
1860	LQ	Industry Code Identification	M	100	
LOOP ID - SLN					100
1900	SLN	Subline Item Detail	O	1	
2000	PID	Product/Item Description	O	1000	
2030	NM1	Individual or Organizational Name	O	1	
LOOP ID - LM					10
2050	LM	Code Source Information	O	1	
2060	LQ	Industry Code Identification	M	100	
LOOP ID - N1					200
2100	N1	Party Identification	O	1	
2200	N2	Additional Name Information	O	2	
2300	N3	Party Location	O	2	
2400	N4	Geographic Location	O	1	
2500	REF	Reference Information	O	100	
2600	PER	Administrative Communications Contact	O	3	
2700	FOB	F.O.B. Related Instructions	O	1	
LOOP ID - FA1					>1
2800	FA1	Type of Financial Accounting Data	O	1	
2900	FA2	Accounting Data	M	>1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

1/0200 This transaction set is a Receiving Advice unless BRA04 contains a value of "8". When BRA04 contains a value of "8", the transaction set is an Acceptance Certificate and the units

received is the units accepted.

3/0100 The number of line items (CTT01) is the accumulation of the number of RCD segments. If used, hash total (CTT02) is the sum of the value of quantities received (RCD02) for each RCD segment.

862 - Shipping Schedule

FUNCTIONAL GROUP=**SS**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Shipping Schedule Transaction Set (862) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a customer to convey precise shipping schedule requirements to a supplier, and is intended to supplement the planning schedule transaction set (830). The shipping schedule transaction set will supersede certain shipping and delivery information transmitted in a previous planning schedule transaction, but it does not replace the 830 transaction set. The shipping schedule transaction set shall not be used to authorize labor, materials or other resources.

The use of this transaction set will facilitate the practice of Just-In-Time (JIT) manufacturing by providing the customer with a mechanism to issue precise shipping schedule requirements on a more frequent basis than with the issuance of a planning schedule transaction, e.g., daily shipping schedules versus weekly planning schedules. The shipping schedule transaction also provides the ability for a customer location to issue shipping requirements independent of other customer locations when planning schedule transactions are issued by a consolidated scheduling organization.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BSS	Beginning Segment for Shipping Schedule/Production Sequence	M	1	
0300	DTM	Date/Time Reference	O	10	
LOOP ID - N1					200
0500	N1	Party Identification	O	1	
0600	N2	Additional Name Information	O	2	
0700	N3	Party Location	O	2	
0800	N4	Geographic Location	O	1	
0900	REF	Reference Information	O	12	
1000	PER	Administrative Communications Contact	O	3	
1100	FOB	F.O.B. Related Instructions	O	1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - LIN					>1
0100	LIN	Item Identification	M	1	
0200	UIT	Unit Detail	M	1	
0300	PKG	Marking, Packaging, Loading	O	>1	
0400	PO4	Item Physical Details	O	>1	
0450	PRS	Part Release Status	O	1	
0470	QTY	Quantity Information	O	1	
0500	REF	Reference Information	O	12	
0600	PER	Administrative Communications Contact	O	1	

0700	SDP	Ship/Delivery Pattern	O	1	
LOOP ID - FST					100
0800	FST	Forecast Schedule	O	1	
0900	DTM	Date/Time Reference	O	>1	
1000	SDQ	Destination Quantity	O	>1	
LOOP ID - JIT					96
1100	JIT	Just-In-Time Schedule	O	1	
1200	REF	Reference Information	O	500	
1210	DTM	Date/Time Reference	O	>1	
LOOP ID - SHP					10
1400	SHP	Shipped/Received Information	O	1	
1500	REF	Reference Information	O	12	
1600	TD1	Carrier Details (Quantity and Weight)	O	1	
1700	TD3	Carrier Details (Equipment)	O	1	
1800	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

3/0100 The number of lines items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the value of the quantities (FST01) for each FST segment.

863 - Report of Test Results

FUNCTIONAL GROUP=**RT**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Report of Test Results Transaction Set (863) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit the results of tests performed to satisfy a specified product or process requirement. This includes, but is not limited to, test data such as inspection data, certification data, and statistical process control measurements.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BTR	Beginning Segment for Test Results	M	1	
	0300	NTE	Note/Special Instruction	O	>1	
	0400	REF	Reference Information	O	12	
	0500	DTM	Date/Time Reference	O	10	
	0600	PID	Product/Item Description	O	200	
	0620	PO4	Item Physical Details	O	1	
	0650	TMD	Test Method	O	1	
	LOOP ID - MEA					>1
	0700	MEA	Measurements	O	1	
	LOOP ID - LM					>1
	0730	LM	Code Source Information	O	1	
	0760	LQ	Industry Code Identification	M	>1	
	LOOP ID - N1					>1
	0800	N1	Party Identification	O	1	
	0900	N2	Additional Name Information	O	2	
	1000	N3	Party Location	O	2	
	1100	N4	Geographic Location	O	1	
	1200	REF	Reference Information	O	12	
	LOOP ID - PER					>1
	1300	PER	Administrative Communications Contact	O	1	
N	1400	REF	Reference Information	O	>1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - LIN					>1
N	0100	LIN	Item Identification	O	1	
	0200	PID	Product/Item Description	O	1000	
	0220	PO4	Item Physical Details	O	1	
	0250	TMD	Test Method	O	1	
	0310	PSD	Physical Sample Description	O	>1	
	0320	SPS	Sampling Parameters for Summary Statistics	O	>1	
	0340	QTY	Quantity Information	O	10	

0400	DTM	Date/Time Reference	O	10	
0450	REF	Reference Information	O	1000	
0500	NTE	Note/Special Instruction	O	>1	
LOOP ID - MEA					>1
0504	MEA	Measurements	O	1	
LOOP ID - LM					>1
0505	LM	Code Source Information	O	1	
0506	LQ	Industry Code Identification	M	>1	
LOOP ID - N1					10
0510	N1	Party Identification	O	1	
0520	N2	Additional Name Information	O	2	
0530	N3	Party Location	O	2	
0540	N4	Geographic Location	O	1	
0550	REF	Reference Information	O	10	
0560	PER	Administrative Communications Contact	O	3	
0570	QTY	Quantity Information	O	10	
LOOP ID - CID					>1
0600	CID	Characteristic/Class ID	O	1	
0700	UIT	Unit Detail	O	1	
0900	PSD	Physical Sample Description	O	>1	
1000	SPS	Sampling Parameters for Summary Statistics	O	>1	
1200	DTM	Date/Time Reference	O	10	
1300	REF	Reference Information	O	10	
1400	NTE	Note/Special Instruction	O	>1	
LOOP ID - MEA					>1
1500	MEA	Measurements	O	1	
1600	DTM	Date/Time Reference	O	10	
1700	REF	Reference Information	O	10	
LOOP ID - LM					>1
1720	LM	Code Source Information	O	1	
1740	LQ	Industry Code Identification	M	>1	
LOOP ID - STA					>1
1800	STA	Statistics	O	1	
1900	DTM	Date/Time Reference	O	10	
1950	REF	Reference Information	O	10	
LOOP ID - LM					>1
1970	LM	Code Source Information	O	1	
2000	LQ	Industry Code Identification	M	>1	
LOOP ID - TMD					100
2010	TMD	Test Method	O	1	
2020	MEA	Measurements	O	>1	
2030	DTM	Date/Time Reference	O	10	
2040	REF	Reference Information	O	10	
LOOP ID - TSP					>1

2100	TSP	Test Period or Interval	O	1			
2200	MEA	Measurements	O	>1			
2300	DTM	Date/Time Reference	O	10			
2400	REF	Reference Information	O	10			
LOOP ID - LM					>1		
2420	LM	Code Source Information	O	1			
2440	LQ	Industry Code Identification	M	>1			
LOOP ID - HL							>1
2500	HL	Hierarchical Level	O	1			
2600	LIN	Item Identification	O	1			
2700	PID	Product/Item Description	O	>1			
2800	PO4	Item Physical Details	O	1			
2900	CID	Characteristic/Class ID	O	1			
3000	QTY	Quantity Information	O	>1			
3100	TMD	Test Method	O	>1			
3200	PSD	Physical Sample Description	O	>1			
3300	TSP	Test Period or Interval	O	1			
3400	MEA	Measurements	O	1			
3500	SPS	Sampling Parameters for Summary Statistics	O	>1			
3600	STA	Statistics	O	>1			
3700	DTM	Date/Time Reference	O	>1			
3800	NTE	Note/Special Instruction	O	>1			
LOOP ID - LM							>1
3900	LM	Code Source Information	O	1			
4000	LQ	Industry Code Identification	M	>1			
LOOP ID - NM1							>1
4100	NM1	Individual or Organizational Name	O	1			
4200	N2	Additional Name Information	O	2			
4300	N3	Party Location	O	2			
4400	N4	Geographic Location	O	1			
4500	PER	Administrative Communications Contact	O	>1			
4600	N9	Extended Reference Information	O	>1			
4700	UIT	Unit Detail	O	1			

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

Notes

1/1400 The REF segment is to be used to send identification numbers associated with party referenced in the PER.

2/0100 Either the LIN Loop or the HL Loop may be used but not both in the same transaction.

864 - Text Message

FUNCTIONAL GROUP=**TX**
SUBCOMMITTEE=**C**

This X12 Transaction Set contains the format and establishes the data content of the Text Message Transaction Set (864) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide users with a capability to electronically move messages, contracts, explanations, and other one-time communications.

It is the intent of this transaction set to provide electronic communication (messages) for people, not for computer processing. The use of the transaction set to transmit quasi or unique transaction set standards is discouraged.

The use of the Text Message transaction set demands of the sender certain detailed information about the recipient. The transaction set's purpose is to provide communication to the recipient in some human-readable form. The recipient's network will dictate what capabilities are available for delivery of the information. It is the responsibility of the sender to obtain this information and include it in the transmission.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BMG	Beginning Segment For Text Message	M	1	
0300	DTM	Date/Time Reference	O	10	
LOOP ID - N1					200
0400	N1	Party Identification	O	1	
0500	N2	Additional Name Information	O	2	
0600	N3	Party Location	O	2	
0700	N4	Geographic Location	O	1	
0800	REF	Reference Information	O	12	
0900	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - MIT					>1
N	0100	MIT	Message Identification	M	1	
	LOOP ID - N1					200
	0200	N1	Party Identification	O	1	
	0300	N2	Additional Name Information	O	2	
	0400	N3	Party Location	O	2	
	0500	N4	Geographic Location	O	1	
	0600	REF	Reference Information	O	12	
	0700	PER	Administrative Communications Contact	O	3	
	0800	MSG	Message Text	O	>1	
C	0900	MTX	Text	O	>1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

Notes

2/0100 Either the MSG segment or the MTX segment may be used in the same MIT loop.

2/0100 In each MIT loop, at least one occurrence of the MSG segment or the MTX segment is required.

Comments

2/0900 To convey a large quantity of text, use of the MTX segment is preferred. Within an 864 transaction set, to avoid potential processing confusion by the receiving party, either the MTX or MSG segment should be selected for use within the MIT loop.

865 - Purchase Order Change Acknowledgment/Request - Seller Initiated

FUNCTIONAL GROUP=**CA**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Change Acknowledgment/Request - Seller Initiated Transaction Set (865) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by the seller to convey acceptance or rejection of changes to a previously submitted purchase order from the buyer. The transaction set is used by the seller to accept, reject, or modify a purchase order. Also, the transaction set can be seller-initiated to change a purchase order.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BCA	Beginning Segment for Purchase Order Change Acknowledgment	M	1	
	0400	CUR	Currency	O	1	
	0500	REF	Reference Information	O	>1	
	0600	PER	Administrative Communications Contact	O	3	
	0700	TAX	Tax Reference	O	>1	
	0800	FOB	F.O.B. Related Instructions	O	>1	
	0900	CTP	Pricing Information	O	>1	
	0950	PAM	Period Amount	O	10	
	1100	CSH	Sales Requirements	O	1	
	LOOP ID - SAC					>1
	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
	1250	CUR	Currency	O	1	
	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	1400	DIS	Discount Detail	O	20	
	1450	INC	Installment Information	O	1	
	1500	DTM	Date/Time Reference	O	10	
N	1800	LIN	Item Identification	O	5	
	1850	SI	Service Characteristic Identification	O	>1	
	1900	PID	Product/Item Description	O	200	
	2000	MEA	Measurements	O	40	
	2100	PWK	Paperwork	O	25	
	2200	PKG	Marking, Packaging, Loading	O	25	
	2300	TD1	Carrier Details (Quantity and Weight)	O	2	
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	2500	TD3	Carrier Details (Equipment)	O	12	
	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	2660	PCT	Percent Amounts	O	>1	
	2700	MAN	Marks and Numbers Information	O	10	

2750	TXI	Tax Information	O	>1	
2760	CTB	Restrictions/Conditions	O	>1	
2770	G53	Maintenance Type	O	>1	
LOOP ID - LDT					>1
2780	LDT	Lead Time	O	1	
2790	QTY	Quantity Information	O	>1	
2795	MTX	Text	O	>1	
LOOP ID - N9					1000
2800	N9	Extended Reference Information	O	1	
2850	DTM	Date/Time Reference	O	>1	
2900	MTX	Text	O	>1	
2950	PWK	Paperwork	O	>1	
2980	EFI	Electronic Format Identification	O	>1	
LOOP ID - N1					>1
3000	N1	Party Identification	O	1	
3100	N2	Additional Name Information	O	2	
3150	IN2	Individual Name Structure Components	O	>1	
3200	N3	Party Location	O	2	
3300	N4	Geographic Location	O	1	
3350	NX2	Location ID Component	O	>1	
3400	REF	Reference Information	O	12	
3500	PER	Administrative Communications Contact	O	>1	
3550	SI	Service Characteristic Identification	O	>1	
3600	FOB	F.O.B. Related Instructions	O	1	
3700	TD1	Carrier Details (Quantity and Weight)	O	2	
3800	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
3900	TD3	Carrier Details (Equipment)	O	12	
4000	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
4100	PKG	Marking, Packaging, Loading	O	25	
4200	MTX	Text	O	>1	
LOOP ID - AMT					>1
4300	AMT	Monetary Amount Information	O	1	
4400	PCT	Percent Amounts	O	>1	
LOOP ID - ADV					>1
4500	ADV	Advertising Demographic Information	O	1	
4600	DTM	Date/Time Reference	O	>1	
4700	MTX	Text	O	>1	
LOOP ID - LM					>1
4800	LM	Code Source Information	O	1	
4900	LQ	Industry Code Identification	M	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - POC					>1

0100	POC	Line Item Change	O	1	
0150	LIN	Item Identification	O	>1	
0180	SI	Service Characteristic Identification	O	>1	
0200	CUR	Currency	O	1	
0300	PO3	Additional Item Detail	O	25	
0400	CTP	Pricing Information	O	>1	
0450	PAM	Period Amount	O	10	
0490	MEA	Measurements	O	40	
LOOP ID - PID					1000
0500	PID	Product/Item Description	O	1	
0600	MEA	Measurements	O	10	
0700	PWK	Paperwork	O	25	
0800	PKG	Marking, Packaging, Loading	O	25	
0900	PO4	Item Physical Details	O	>1	
1000	REF	Reference Information	O	>1	
1100	PER	Administrative Communications Contact	O	3	
LOOP ID - SAC					>1
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
1350	CUR	Currency	O	1	
1400	IT8	Conditions of Sale	O	1	
1420	CSH	Sales Requirements	O	>1	
1500	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
1600	DIS	Discount Detail	O	20	
1650	INC	Installment Information	O	1	
1700	TAX	Tax Reference	O	>1	
1800	FOB	F.O.B. Related Instructions	O	>1	
1900	SDQ	Destination Quantity	O	>1	
2000	DTM	Date/Time Reference	O	10	
2300	TD1	Carrier Details (Quantity and Weight)	O	1	
2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
2500	TD3	Carrier Details (Equipment)	O	12	
2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
2650	TXI	Tax Information	O	>1	
2660	PCT	Percent Amounts	O	>1	
LOOP ID - ACK					104
2700	ACK	Line Item Acknowledgment	O	1	
2800	DTM	Date/Time Reference	O	1	
2900	MAN	Marks and Numbers Information	O	10	
2910	SPI	Specification Identifier	O	>1	
2920	MTX	Text	O	>1	
2930	CTB	Restrictions/Conditions	O	>1	
LOOP ID - LM					>1
2980	LM	Code Source Information	O	1	
2990	LQ	Industry Code Identification	M	>1	

LOOP ID - AMT						**>1**
N	3000	AMT	Monetary Amount Information	O	1	
	3010	PCT	Percent Amounts	O	>1	
LOOP ID - QTY						**>1**
	3020	QTY	Quantity Information	O	1	
	3030	SI	Service Characteristic Identification	O	>1	
LOOP ID - SCH						**200**
	3050	SCH	Line Item Schedule	O	1	
	3100	TD1	Carrier Details (Quantity and Weight)	O	2	
	3150	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	3200	TD3	Carrier Details (Equipment)	O	12	
	3300	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	3330	REF	Reference Information	O	>1	
LOOP ID - LDT						**>1**
	3350	LDT	Lead Time	O	1	
	3400	QTY	Quantity Information	O	>1	
	3420	MTX	Text	O	>1	
LOOP ID - LM						**>1**
	3440	LM	Code Source Information	O	1	
	3460	LQ	Industry Code Identification	M	>1	
LOOP ID - N9						**1000**
	3500	N9	Extended Reference Information	O	1	
	3550	DTM	Date/Time Reference	O	>1	
	3600	MTX	Text	O	>1	
	3650	PWK	Paperwork	O	>1	
	3680	EFI	Electronic Format Identification	O	>1	
LOOP ID - N1						**200**
	3700	N1	Party Identification	O	1	
	3800	N2	Additional Name Information	O	2	
	3850	IN2	Individual Name Structure Components	O	>1	
	3900	N3	Party Location	O	2	
	4000	N4	Geographic Location	O	1	
	4030	QTY	Quantity Information	O	>1	
	4050	NX2	Location ID Component	O	>1	
	4100	REF	Reference Information	O	12	
	4200	PER	Administrative Communications Contact	O	3	
	4250	SI	Service Characteristic Identification	O	>1	
	4260	DTM	Date/Time Reference	O	1	
	4300	FOB	F.O.B. Related Instructions	O	1	
	4350	SCH	Line Item Schedule	O	200	
	4400	TD1	Carrier Details (Quantity and Weight)	O	2	
	4500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	4600	TD3	Carrier Details (Equipment)	O	12	

4700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
4800	PKG	Marking, Packaging, Loading	O	25	
LOOP ID - LDT					>1
4850	LDT	Lead Time	O	1	
4860	MAN	Marks and Numbers Information	O	10	
4870	QTY	Quantity Information	O	5	
4880	MTX	Text	O	>1	
LOOP ID - SLN					1000
4900	SLN	Subline Item Detail	O	1	
4950	MTX	Text	O	>1	
5000	SI	Service Characteristic Identification	O	>1	
5100	PID	Product/Item Description	O	1000	
5200	PO3	Additional Item Detail	O	25	
5210	MEA	Measurements	O	>1	
5220	CTP	Pricing Information	O	25	
5230	PAM	Period Amount	O	10	
5300	ACK	Line Item Acknowledgment	O	104	
LOOP ID - SAC					10
5400	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
5450	CUR	Currency	O	1	
5500	DTM	Date/Time Reference	O	10	
5540	PO4	Item Physical Details	O	1	
5570	TAX	Tax Reference	O	3	
5580	ADV	Advertising Demographic Information	O	>1	
LOOP ID - QTY					>1
5610	QTY	Quantity Information	O	1	
5620	SI	Service Characteristic Identification	O	>1	
LOOP ID - N9					>1
5630	N9	Extended Reference Information	O	1	
5640	DTM	Date/Time Reference	O	>1	
5650	MTX	Text	O	>1	
LOOP ID - N1					10
5690	N1	Party Identification	O	1	
5700	N2	Additional Name Information	O	2	
5750	IN2	Individual Name Structure Components	O	>1	
5800	N3	Party Location	O	2	
5900	N4	Geographic Location	O	1	
6000	NX2	Location ID Component	O	>1	
6100	REF	Reference Information	O	12	
6200	PER	Administrative Communications Contact	O	3	
6250	SI	Service Characteristic Identification	O	>1	
LOOP ID - PD					>1
6300	PD	Pricing Data	O	1	
6400	PDD	Pricing Data Detail	O	>1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - CTT						1
N	0100	CTT	Transaction Totals	O	1	
N	0200	AMT	Monetary Amount Information	O	5	
	0300	SE	Transaction Set Trailer	M	1	

Notes

1/1800 If segment LIN is used, do not use LIN01.

2/3000 If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.

3/0100 Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

3/0200 When AMT is used, then one occurrence of AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

866 - Production Sequence

FUNCTIONAL GROUP=**SQ**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Production Sequence Transaction Set (866) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for the receiver of goods to request the order in which shipments of goods arrive at one or more locations, or to specify the order in which the goods are to be unloaded from the conveyance method, or both. This specifies the sequence in which the goods are to enter the materials handling process, or are to be consumed in the production process, or both. This transaction set shall not be used to authorize labor, materials, or other resources. This transaction set shall not be used to revise any product characteristic specification.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BSS	Beginning Segment for Shipping Schedule/Production Sequence	M	1	
0300	UIT	Unit Detail	O	1	
LOOP ID - N1					>1
0400	N1	Party Identification	O	1	
0500	N2	Additional Name Information	O	2	
0600	N3	Party Location	O	1	
0700	N4	Geographic Location	O	1	
0800	REF	Reference Information	O	12	
0900	PER	Administrative Communications Contact	O	3	
1000	FOB	F.O.B. Related Instructions	O	1	
LOOP ID - DTM					100
1100	DTM	Date/Time Reference	M	1	
1200	UIT	Unit Detail	O	1	
1300	QTY	Quantity Information	O	1	
1400	REF	Reference Information	O	>1	
LOOP ID - LIN					>1
1500	LIN	Item Identification	O	1	
1600	REF	Reference Information	O	>1	
1700	QTY	Quantity Information	O	1	
1710	PID	Product/Item Description	O	1	
1720	OQS	Order Quantity Sequence	O	1	
LOOP ID - SLN					100
1730	SLN	Subline Item Detail	O	1	
1740	N1	Party Identification	O	1	
1750	N2	Additional Name Information	O	1	
1760	N3	Party Location	O	1	
1770	N4	Geographic Location	O	1	
1780	REF	Reference Information	O	1	

	1790	PER	Administrative Communications Contact	O	1			
LOOP ID - PID						>1		
	1800	PID	Product/Item Description	O	1			
	1850	QTY	Quantity Information	O	1			
	1900	MEA	Measurements	O	10			
N	1950	CTT	Transaction Totals	M	1			
	2000	SE	Transaction Set Trailer	M	1			

Notes

1/1950 The number of line items (CTT01) is the accumulation of the number of DTM segments. If used, hash total (CTT02) is the sum of the value of quantity (QTY02) for each QTY segment.

867 - Product Transfer and Resale Report

FUNCTIONAL GROUP=**PT**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Product Transfer and Resale Report Transaction Set (867) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to: (1) report information about product that has been transferred from one location to another; (2) report sales of product from one or more locations to an end customer; or (3) report sales of a product from one or more locations to an end customer, and demand beyond actual sales (lost orders). Report may be issued by either buyer or seller.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BPT	Beginning Segment for Product Transfer and Resale	M	1	
0400	CUR	Currency	O	1	
0500	DTM	Date/Time Reference	O	10	
0600	REF	Reference Information	O	12	
0700	PER	Administrative Communications Contact	O	3	
0750	MEA	Measurements	O	20	
0780	PSA	Partner Share Accounting	O	10	
LOOP ID - N1					>1
0800	N1	Party Identification	O	1	
0900	N2	Additional Name Information	O	2	
1000	N3	Party Location	O	2	
1100	N4	Geographic Location	O	1	
1200	REF	Reference Information	O	12	
LOOP ID - PER					>1
1300	PER	Administrative Communications Contact	O	1	
1350	REF	Reference Information	O	>1	
LOOP ID - LM					>1
1400	LM	Code Source Information	O	1	
1500	LQ	Industry Code Identification	M	100	
1600	LCD	Place/Location Description	O	2	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - PTD					>1
0100	PTD	Product Transfer and Resale Detail	M	1	
0200	DTM	Date/Time Reference	O	10	
0300	REF	Reference Information	O	20	
0350	PRF	Purchase Order Reference	O	1	
0400	PER	Administrative Communications Contact	O	3	
0450	MAN	Marks and Numbers Information	O	1	
0475	LCD	Place/Location Description	O	2	

0490	LQ	Industry Code Identification	O	>1	
0495	MEA	Measurements	O	>1	
LOOP ID - N1					5
0500	N1	Party Identification	O	1	
0600	N2	Additional Name Information	O	2	
0700	N3	Party Location	O	2	
0800	N4	Geographic Location	O	1	
0900	REF	Reference Information	O	20	
1000	PER	Administrative Communications Contact	O	3	
LOOP ID - SII					>1
1050	SII	Sales Item Information	O	1	
1070	N9	Extended Reference Information	O	1	
LOOP ID - QTY					>1
1100	QTY	Quantity Information	O	1	
1200	LIN	Item Identification	O	1	
1220	PO3	Additional Item Detail	O	25	
1250	PO4	Item Physical Details	O	1	
1300	UIT	Unit Detail	O	12	
1400	AMT	Monetary Amount Information	O	12	
1410	ITA	Allowance, Charge or Service	O	10	
1500	PID	Product/Item Description	O	200	
1600	MEA	Measurements	O	40	
1700	PWK	Paperwork	O	25	
1800	PKG	Marking, Packaging, Loading	O	25	
1900	REF	Reference Information	O	>1	
2000	PER	Administrative Communications Contact	O	3	
2100	DTM	Date/Time Reference	O	10	
2200	CUR	Currency	O	1	
2400	DD	Demand Detail	O	>1	
2500	LDT	Lead Time	O	1	
LOOP ID - LM					>1
2600	LM	Code Source Information	O	1	
2700	LQ	Industry Code Identification	O	100	
LOOP ID - LX					>1
N 2800	LX	Transaction Set Line Number	O	1	
2900	REF	Reference Information	O	>1	
3000	DTM	Date/Time Reference	O	1	
3100	N1	Party Identification	O	1	
LOOP ID - LM					>1
3200	LM	Code Source Information	O	1	
3300	LQ	Industry Code Identification	M	100	
LOOP ID - FA1					>1
3400	FA1	Type of Financial Accounting Data	O	1	
3500	FA2	Accounting Data	M	>1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - CTT					1
N	0100	CTT	Transaction Totals	O	1	
	0200	AMT	Monetary Amount Information	O	12	
	0210	ITA	Allowance, Charge or Service	O	10	
	0300	SE	Transaction Set Trailer	M	1	

Notes

2/2800 The LX loop conveys serial number, lot number, and inventory data.

3/0100 The number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the value of quantities (QTY02) for each QTY segment.

868 - Electronic Form Structure

FUNCTIONAL GROUP=**MT**
SUBCOMMITTEE=**C**

This X12 Transaction Set contains the format and establishes the data contents of the Electronic Form Structure Transaction Set (868) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide a structure for transfer of EDI standards, or portions thereof, in an electronic form. These EDI standards include but are not limited to: X12 standards, approved X12 Transaction Sets, UN/EDIFACT standard messages, and industry EDI conventions and guidelines. It is intended to provide users with the following:

The ability to send and receive EDI standards data which can be used to update application or translation software.

The ability to exchange data maintenance information with trading partners about transaction sets, segments, composite data structures, elements and codes that will be used for EDI transmissions.

The ability to transmit complete or partial EDI standards or conventions.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	E01	Electronic Form Main Heading	M	1	
	0300	DMI	Data Maintenance Information	O	100	
	0400	E03	Interchange Order of Segments	O	100	
	0450	MSG	Message Text	O	1000	
	LOOP ID - E10					1000
	0500	E10	Transaction Set Grouping	O	1	
	0550	E13	Segment Order in Transaction Set	O	1000	
	LOOP ID - E20					1000
	0800	E20	Segment Header Information	O	1	
	0900	E22	Data Element Relationships in a Segment or Composite	O	100	
	1000	E24	Data Element Sequence in a Segment or Composite	O	100	
	LOOP ID - E41					2000
	1060	E41	Composite Header Information	O	1	
	1120	E22	Data Element Relationships in a Segment or Composite	O	100	
	1180	E24	Data Element Sequence in a Segment or Composite	O	100	
	LOOP ID - E30					2000
	1200	E30	Data Element Attributes	O	1	
	1300	DAI	Appendix Information	O	10	
N	1350	QTY	Quantity Information	O	1	
	LOOP ID - E34					100000
	1400	E34	Code List Values for a Data Element	O	1	
	1500	DDI	Explanation	O	20	

1600	DAI	Appendix Information	O	5	
LOOP ID - E40					10000
1700	E40	EDI Standards Note Reference	O	1	
1800	DMI	Data Maintenance Information	O	100	
1900	DDI	Explanation	O	1000	
2000	SE	Transaction Set Trailer	M	1	

Notes

1/1350 This quantity is the total number of code values for a particular data element after the current update is applied.

869 - Order Status Inquiry

FUNCTIONAL GROUP=**RS**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Order Status Inquiry Transaction Set (869) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to request all pertinent information relative to an entire purchase order, selected line items on a purchase order, or selected products/services on a purchase order. Inquiry can also be made for all or a selected portion of the customer's ordered items, all or a selected portion of the customer's unshipped items, or all or a selected portion of the customer's shipped items.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BSI	Beginning Segment for Order Status Inquiry	M	1	
0300	NTE	Note/Special Instruction	O	100	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - HL					>1
0100	HL	Hierarchical Level	M	1	
0200	PRF	Purchase Order Reference	O	1	
0300	DTM	Date/Time Reference	O	10	
0500	LIN	Item Identification	O	>1	
0600	PID	Product/Item Description	O	1000	
0700	MEA	Measurements	O	40	
0800	QTY	Quantity Information	O	1	
0900	DD	Demand Detail	O	>1	
1000	GF	Furnished Goods and Services	O	1	
LOOP ID - REF					>1
1050	REF	Reference Information	O	1	
1080	DTM	Date/Time Reference	O	>1	
LOOP ID - N1					>1
1100	N1	Party Identification	O	1	
1200	N2	Additional Name Information	O	2	
1300	N3	Party Location	O	2	
1400	N4	Geographic Location	O	1	
1500	REF	Reference Information	O	12	
1600	PER	Administrative Communications Contact	O	3	
LOOP ID - LM					>1
1700	LM	Code Source Information	O	1	
1800	LQ	Industry Code Identification	M	>1	
LOOP ID - FA1					>1
1900	FA1	Type of Financial Accounting Data	O	1	

	2000	FA2	Accounting Data	M	>1

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

3/0100 CTT01 is the number of HL segments. CTT02 is not used.

870 - Order Status Report

FUNCTIONAL GROUP=**RS**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BSR	Beginning Segment for Order Status Report	M	1	
0420	TD3	Carrier Details (Equipment)	O	1	
0430	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1	
0440	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1	
0450	DTM	Date/Time Reference	O	10	
LOOP ID - REF					>1
0460	REF	Reference Information	O	1	
0470	DTM	Date/Time Reference	O	>1	
LOOP ID - N1					200
0500	N1	Party Identification	O	1	
0600	N2	Additional Name Information	O	2	
0700	N3	Party Location	O	2	
0800	N4	Geographic Location	O	1	
0900	REF	Reference Information	O	12	
1000	PER	Administrative Communications Contact	O	3	
1050	PWK	Paperwork	O	1	
LOOP ID - LM					10
1200	LM	Code Source Information	O	1	
1300	LQ	Industry Code Identification	M	100	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - HL					1000
0100	HL	Hierarchical Level	M	1	
0200	PRF	Purchase Order Reference	O	1	
LOOP ID - ISR					104

	0300	ISR	Item Status Report	O	1	
	0400	PID	Product/Item Description	O	6	
	0500	QTY	Quantity Information	O	4	
	0700	PER	Administrative Communications Contact	O	3	
	0800	DTM	Date/Time Reference	O	10	
N	0860	CS	Contract Summary	O	3	
LOOP ID - REF						>1
	0870	REF	Reference Information	O	1	
	0880	DTM	Date/Time Reference	O	>1	
LOOP ID - N1						200
	0900	N1	Party Identification	O	1	
	1000	N2	Additional Name Information	O	2	
	1100	N3	Party Location	O	2	
	1200	N4	Geographic Location	O	1	
	1300	REF	Reference Information	O	12	
	1400	PER	Administrative Communications Contact	O	3	
LOOP ID - LM						10
	1440	LM	Code Source Information	O	1	
	1450	LQ	Industry Code Identification	M	100	
LOOP ID - PO1						1000
	1500	PO1	Baseline Item Data	O	1	
	1550	CUR	Currency	O	1	
	1600	SLN	Subline Item Detail	O	100	
	1700	PO3	Additional Item Detail	O	1	
	1800	PID	Product/Item Description	O	1000	
	1900	MEA	Measurements	O	40	
	2000	PKG	Marking, Packaging, Loading	O	25	
LOOP ID - ISR						104
	2100	ISR	Item Status Report	O	1	
	2200	PID	Product/Item Description	O	6	
	2300	QTY	Quantity Information	O	4	
	2400	DTM	Date/Time Reference	O	10	
	2500	N1	Party Identification	O	1	
	2510	N2	Additional Name Information	O	2	
	2520	N3	Party Location	O	2	
	2530	N4	Geographic Location	O	1	
	2600	TD1	Carrier Details (Quantity and Weight)	O	1	
	2700	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1	
	2800	TD3	Carrier Details (Equipment)	O	1	
	2900	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1	
	3000	REF	Reference Information	O	12	
	3100	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
LOOP ID - LM						10
	3200	LM	Code Source Information	O	1	

	3300	LQ	Industry Code Identification	M	100		
	LOOP ID - LX					>1	
N	3400	LX	Transaction Set Line Number	O	1		
	3500	REF	Reference Information	O	>1		
	3600	N1	Party Identification	O	1		
	3700	DTM	Date/Time Reference	O	10		
	LOOP ID - LM					10	
	3800	LM	Code Source Information	O	1		
	3900	LQ	Industry Code Identification	M	100		

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	CTT	Transaction Totals	O	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

2/0860 Use is limited to intra-organizational transactions.

2/3400 The LX loop conveys serial number, lot number, and inventory data.

3/0100 The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

872 - Residential Mortgage Insurance Application

FUNCTIONAL GROUP=**ME**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Residential Mortgage Insurance Application Transaction Set (872) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction can be used by a mortgage originator to request mortgage insurance and to provide supporting information needed to obtain a mortgage insurance commitment on one or several residential mortgage loans. It can also be used, in conjunction with other transaction sets, to provide information needed to obtain an automated underwriting decision from a residential real estate automated underwriting system.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	N1	Party Identification	M	5	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - NM1					>1
N	0200	NM1	Individual or Organizational Name	M	1	
	0300	REF	Reference Information	O	12	
	LOOP ID - LRQ					>1
N	0400	LRQ	Mortgage Characteristics Requested	M	1	
	0500	LN1	Loan Specific Data	M	1	
	0600	PRD	Mortgage Loan Product Description	O	1	
	0700	MIC	Mortgage Insurance Coverage	O	5	
	0800	PER	Administrative Communications Contact	O	5	
	0900	REF	Reference Information	O	>1	
	1000	PEX	Property or Housing Expense	O	20	
	1020	RES	Real Estate Sales Price Change	O	>1	
	LOOP ID - CDI					>1
	1120	CDI	Change Detail Information	O	1	
	LOOP ID - LX					>1
	1140	LX	Transaction Set Line Number	O	1	
	1160	VDI	Value Description or Information	O	>1	
N	1180	YNQ	Yes/No Question	O	>1	
	1200	AMT	Monetary Amount Information	O	>1	
	1220	PCT	Percent Amounts	O	>1	
	1240	DTP	Date or Time or Period	O	>1	
	1260	III	Information	O	>1	
	1280	BUY	Loan Buydown	O	1	
	LOOP ID - SCM					10
N	1400	SCM	Credit Score Model	O	1	

	1500	SCS	Credit Score	O	5	
	1510	DTP	Date or Time or Period	O	1	
	LOOP ID - NX1					5
N	1600	NX1	Property or Entity Identification	O	1	
	1700	NX2	Location ID Component	M	30	
	LOOP ID - PAS					5
N	1800	PAS	Property Appraisal Summary	M	1	
	1900	N1	Party Identification	O	2	
	2100	MSG	Message Text	O	10	
	LOOP ID - REF					>1
N	2110	REF	Reference Information	O	1	
	2120	AMT	Monetary Amount Information	O	>1	
	LOOP ID - IN1					12
N	2200	IN1	Individual Identification	O	1	
	2300	IN2	Individual Name Structure Components	M	10	
N	2400	YNQ	Yes/No Question	O	5	
	2500	DMG	Demographic Information	O	1	
	2600	MSG	Message Text	O	1	
	2700	N10	Quantity and Description	O	1	
	2800	BFS	Borrower Financial Summary	O	1	
	LOOP ID - SCM					10
N	2900	SCM	Credit Score Model	O	1	
	3000	SCS	Credit Score	O	5	
	3010	DTP	Date or Time or Period	O	1	
	LOOP ID - NX1					10
N	3100	NX1	Property or Entity Identification	O	1	
	3200	NX2	Location ID Component	M	30	
	3300	N10	Quantity and Description	O	1	
	LOOP ID - REA					1
N	3500	REA	Real Estate Property Information	O	1	
	3600	AMT	Monetary Amount Information	O	10	
	LOOP ID - MCD					1
N	3700	MCD	Mortgage Closing Data	O	1	
	3800	AMT	Monetary Amount Information	O	10	
	LOOP ID - PRJ					1
N	4100	PRJ	Multifamily Housing Project	O	1	
	4200	PER	Administrative Communications Contact	O	10	
	4300	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The N1 Segment identifies the transaction requester and service provider entities.

2/0200 The NM1 Segment identifies the loan originator.

2/0400 The LRQ Loop contains information about the loan, borrower, property, and requested coverage.

2/1180 The YNQ segment is used to answer questions regarding the details of specific adjustable mortgage options. (e.g. Is a Fee Required? Is the mortgage payment interest only? Do prepayment restrictions apply?)
2/1400 The SCM Loop contains scores which pertain to the entire loan.
2/1600 The NX1 Loop contains the address of the subject property.
2/1800 The PAS Loop contains the subject property's appraisal information.
2/2110 The REF loop is used to describe appraised property comparable values.
2/2200 The IN1 Loop contains information about the Borrower(s).
2/2400 The YNQ segment is used to answer questions relating to the Home Mortgage Disclosure Act (HMDA). (e.g. Is the borrower a first time home buyer? Did the borrower provide demographic information?)
2/2900 The SCM Loop contains scores for the individual borrower defined in the IN1 Loop.
2/3100 The NX1 Loop contains current and previous address information for the borrower defined in the IN1 Loop.
2/3500 The REA Loop contains general information about the subject property.
2/3700 The MCD Loop contains mortgage loan closing information.
2/4100 The PRJ Loop contains multifamily housing project information about the subject property.

873 - Commodity Movement Services

FUNCTIONAL GROUP=**CU**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Commodity Movement Services Transaction Set (873) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to convey request and response information for commodity movement services. This transaction is not to be used for product sales or purchases.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	REF	Reference Information	O	>1	
0400	DTM	Date/Time Reference	O	>1	
LOOP ID - N1					>1
0500	N1	Party Identification	M	1	
0600	N3	Party Location	O	2	
0700	N4	Geographic Location	O	1	
0800	REF	Reference Information	O	>1	
0900	PER	Administrative Communications Contact	O	3	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - DTM					>1
0100	DTM	Date/Time Reference	M	1	
0200	N9	Extended Reference Information	O	>1	
0300	LQ	Industry Code Identification	O	>1	
0400	LCD	Place/Location Description	O	1	
0450	MEA	Measurements	O	1	
0470	QTY	Quantity Information	O	>1	
0490	AMT	Monetary Amount Information	O	1	
LOOP ID - CS					1
0500	CS	Contract Summary	O	1	
0600	N1	Party Identification	O	>1	
LOOP ID - SLN					>1
0700	SLN	Subline Item Detail	O	1	
0750	DTP	Date or Time or Period	O	>1	
0800	LQ	Industry Code Identification	O	>1	
0900	N9	Extended Reference Information	O	>1	
1000	QTY	Quantity Information	O	>1	
LOOP ID - N1					>1
1100	N1	Party Identification	O	1	
1200	LCD	Place/Location Description	O	>1	
1300	N9	Extended Reference Information	O	>1	

1400	LQ	Industry Code Identification	O	>1		
1500	QTY	Quantity Information	O	>1		
1600	SE	Transaction Set Trailer	M	1		

874 - Commodity Movement Services Response

FUNCTIONAL GROUP=**CQ**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Commodity Movement Services Response Transaction Set (874) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to return validation information in response to the Commodity Movement Services Transaction Set (873).

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	DTM	Date/Time Reference	O	1	
0400	III	Information	O	>1	
LOOP ID - N1					>1
0500	N1	Party Identification	M	1	
0600	N3	Party Location	O	2	
0700	N4	Geographic Location	O	1	
0800	REF	Reference Information	O	>1	
0900	PER	Administrative Communications Contact	O	3	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - N9					>1
0100	N9	Extended Reference Information	O	1	
0200	DTM	Date/Time Reference	O	1	
0300	LCD	Place/Location Description	O	1	
0400	CS	Contract Summary	O	1	
0500	N1	Party Identification	O	1	
0600	III	Information	O	>1	
LOOP ID - SLN					>1
0700	SLN	Subline Item Detail	O	1	
0800	REF	Reference Information	O	>1	
0900	III	Information	O	>1	
1000	SE	Transaction Set Trailer	M	1	

875 - Grocery Products Purchase Order

FUNCTIONAL GROUP=**OG**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format establishes the data contents of the Grocery Products Purchase Order Transaction Set (875) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide for customary and established grocery industry practice relative to the placement of purchase orders for finished goods in a retail or wholesale consumer market. This standard can be used by a retailer or wholesaler organization to request delivery of finished goods from a broker or supplier organization. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	G50	Purchase Order Identification	M	1	
	0300	N9	Extended Reference Information	O	>1	
	0400	G61	Contact	O	3	
	0500	G62	Date/Time	O	10	
	0600	NTE	Note/Special Instruction	O	20	
	0700	G66	Transportation Instructions	O	1	
N	0800	G23	Terms of Sale	O	20	
	LOOP ID - 0100					>1
N	0900	N1	Party Identification	M	1	
	1000	N2	Additional Name Information	O	1	
	1100	N3	Party Location	O	2	
	1200	N4	Geographic Location	O	1	
	LOOP ID - 0200					>1
	1300	G72	Allowance or Charge	O	1	
	1400	G73	Allowance or Charge Description	O	10	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0300					>1
	0100	G68	Line Item Detail - Product	M	1	
	0200	G69	Line Item Detail - Description	O	5	
	0300	G70	Line Item Detail - Miscellaneous	O	2	
	0400	N9	Extended Reference Information	O	>1	
N	0500	G23	Terms of Sale	O	20	
	LOOP ID - 0310					>1
	0600	G72	Allowance or Charge	O	1	
	0700	G73	Allowance or Charge Description	O	10	
	LOOP ID - 0320					9999
	0800	N1	Party Identification	O	1	

0900	QTY	Quantity Information	O	1	
1000	N9	Extended Reference Information	O	10	
LOOP ID - 0330					100
1100	SLN	Subline Item Detail	O	1	
1200	G72	Allowance or Charge	O	>1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	G76	Total Purchase Order	M	1	
0200	SE	Transaction Set Trailer	M	1	

Notes

1/0800 The G23 segment can be used at the header level or detail level, but not both. When it is used at the detail level, there must be at least one occurrence of the G23 segment for each iteration of the G68 segment.

1/0900 One occurrence of the N1 loop must be used to identify the party to whom the merchandise is to be shipped.

2/0500 The G23 segment can be used at the header level or detail level, but not both. When it is used at the detail level, there must be at least one occurrence of the G23 segment for each iteration of the G68 segment.

876 - Grocery Products Purchase Order Change

FUNCTIONAL GROUP=**OG**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Grocery Products Purchase Order Change Transaction Set (876) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide for customary and established grocery industry practice relative to the changing of purchase orders for finished goods in a retail or wholesale consumer market. This standard can be used by a retailer or wholesaler organization to request a change to a previously submitted purchase order.

Changes are accomplished by restating the value of the data elements to be changed rather than indicating the difference between the old and new value. Deletions are handled by restating the values to zeros or blanks. If an item is to be deleted, the quantity ordered is restated to zero.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	G92	Purchase Order Change Type	M	1	
	0300	N9	Extended Reference Information	O	>1	
	0400	G61	Contact	O	3	
	0500	G62	Date/Time	O	10	
	0600	NTE	Note/Special Instruction	O	20	
	0700	G66	Transportation Instructions	O	1	
	0800	G23	Terms of Sale	O	20	
	LOOP ID - 0100					>1
N	0900	N1	Party Identification	M	1	
	1000	N2	Additional Name Information	O	1	
	1100	N3	Party Location	O	2	
	1200	N4	Geographic Location	O	1	
	LOOP ID - 0200					>1
	1300	G72	Allowance or Charge	O	1	
	1400	G73	Allowance or Charge Description	O	10	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0300					>1
	0100	G68	Line Item Detail - Product	O	1	
	0200	G69	Line Item Detail - Description	O	5	
	0300	G70	Line Item Detail - Miscellaneous	O	2	
	0400	N9	Extended Reference Information	O	>1	
	0500	G23	Terms of Sale	O	20	
	LOOP ID - 0310					>1
	0600	G72	Allowance or Charge	O	1	

0700	G73	Allowance or Charge Description	O	10	
LOOP ID - 0320					9999
0800	N1	Party Identification	O	1	
0900	QTY	Quantity Information	O	1	
1000	N9	Extended Reference Information	O	10	
LOOP ID - 0330					100
1100	SLN	Subline Item Detail	O	1	
1200	G72	Allowance or Charge	O	>1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	G76	Total Purchase Order	O	1	
0200	SE	Transaction Set Trailer	M	1	

Notes

1/0900 One occurrence of the N1 loop must be used to identify the party to whom the merchandise is to be shipped.

877 - Manufacturer Coupon Family Code Structure

FUNCTIONAL GROUP=**CJ**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Manufacturer Coupon Family Code Structure Transaction Set (877) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a manufacturer or third party agent to notify a distributor or third party agent relative to coupon family code structures and their associated product codes.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	N1	Party Identification	M	3	
N	0400	DTM	Date/Time Reference	M	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0100					>1
	0100	ENT	Entity	M	1	
	LOOP ID - 0110					>1
	0200	LIN	Item Identification	M	1	
	LOOP ID - 0111					>1
	0300	G28	Line Item Numbers	O	1	
	0310	G69	Line Item Detail - Description	O	1	
	0400	SE	Transaction Set Trailer	M	1	

Notes

1/0300 One occurrence of the N1 segment must be used to identify the sending party.
1/0400 The DTM segment is used to indicate the date and time the data was created.

878 - Product Authorization/De-authorization

FUNCTIONAL GROUP=**QG**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Product Authorization/De-authorization Transaction Set (878) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to advise a trading partner of products authorized at store or warehouse level.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
LOOP ID - 0100					2
0200	N1	Party Identification	M	1	
0300	N2	Additional Name Information	O	1	
0400	N3	Party Location	O	2	
0500	N4	Geographic Location	O	1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0200					999
0100	G21	Product Information	M	1	
0200	G69	Line Item Detail - Description	O	5	
0210	CTP	Pricing Information	O	1	
0220	G72	Allowance or Charge	O	>1	
0250	PID	Product/Item Description	O	>1	
LOOP ID - 0210					>1
0300	N1	Party Identification	M	1	
0400	N2	Additional Name Information	O	1	
0500	N3	Party Location	O	2	
0600	N4	Geographic Location	O	1	
0700	G62	Date/Time	O	10	
0800	G22	Pre-Pricing Information	O	1	
0810	CTP	Pricing Information	O	1	
0820	G72	Allowance or Charge	O	>1	
0900	SE	Transaction Set Trailer	M	1	

879 - Price Information

FUNCTIONAL GROUP=**QG**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Price Information Transaction Set (879) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable a manufacturer, supplier, broker, or agent to provide a trading partner with pricing information.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	G91	Price Change Status	M	1	
LOOP ID - 0100					999
0400	N1	Party Identification	M	1	
0500	N2	Additional Name Information	O	1	
0600	N3	Party Location	O	2	
0700	N4	Geographic Location	O	1	
0900	N9	Extended Reference Information	O	10	
1000	G61	Contact	O	>1	
1100	NTE	Note/Special Instruction	O	20	
1200	G36	Price List Reference	O	1	
1300	G26	Pricing Conditions	O	99	
1400	G43	Promotion/Price List Area	O	9999	
1600	G62	Date/Time	M	10	
1700	G46	Promotion Allowance/Charge	O	100	
LOOP ID - G93					50
1750	G93	Price Bracket Identification	O	1	
1800	N1	Party Identification	O	1	
1850	G46	Promotion Allowance/Charge	O	1	
1900	G26	Pricing Conditions	O	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0200					>1
0200	G28	Line Item Numbers	M	1	
0250	G20	Item Packing Detail	O	1	
0300	G69	Line Item Detail - Description	O	5	
0400	G26	Pricing Conditions	O	99	
0450	G43	Promotion/Price List Area	O	9999	
0550	G62	Date/Time	O	4	
0560	G46	Promotion Allowance/Charge	O	100	
0580	G22	Pre-Pricing Information	O	1	
0600	SAC	Service, Promotion, Allowance, or Charge Information	O	10	
LOOP ID - 0210					100
0650	G40	Bracket Price	O	1	

0660	G46	Promotion Allowance/Charge	O	100	
0700	SE	Transaction Set Trailer	M	1	

880 - Grocery Products Invoice

FUNCTIONAL GROUP=**GP**
SUBCOMMITTEE=**F**

This X12 Transaction Set contains the format and establishes the data contents of the Grocery Products Invoice Transaction Set (880) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide for customary and established grocery industry practice relative to billing details for finished goods in a retail or wholesale consumer market. The transaction set can be used by the supplier or broker organization to request payment from a retailer or wholesaler organization. This transaction set is to be used for standalone detail billing and cannot be used for statement billing or credit/debit adjustments.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	G01	Invoice Identification	M	1	
	0300	N9	Extended Reference Information	O	>1	
	0400	G61	Contact	O	3	
	0500	G62	Date/Time	O	5	
	0600	NTE	Note/Special Instruction	O	20	
	0700	CAD	Carrier Details	O	5	
N	0800	G23	Terms of Sale	O	20	
	0900	G25	F.O.B. Information	O	1	
	0950	MTX	Text	O	5	
	LOOP ID - 0100					>1
N	1000	N1	Party Identification	M	1	
	1100	N2	Additional Name Information	O	1	
	1200	N3	Party Location	O	2	
	1300	N4	Geographic Location	O	1	
	LOOP ID - 0200					>1
	1400	G72	Allowance or Charge	O	1	
	1500	G73	Allowance or Charge Description	O	10	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0300					>1
N	0100	G17	Item Detail - Invoice	O	1	
	0200	G69	Line Item Detail - Description	O	5	
	0300	G19	Line Item Detail - Quantity/Unit of Measure/Price Differences	O	10	
	0400	G20	Item Packing Detail	O	1	
	0450	N9	Extended Reference Information	O	>1	
N	0500	G23	Terms of Sale	O	20	
	0600	G25	F.O.B. Information	O	1	
	LOOP ID - 0310					>1
	0700	G72	Allowance or Charge	O	1	

	0800	G73	Allowance or Charge Description	O	10	
LOOP ID - 0400						500
N	0900	ENT	Entity	O	1	
	0920	N2	Additional Name Information	O	1	
	0940	N3	Party Location	O	1	
	0960	N4	Geographic Location	O	1	
	1000	N9	Extended Reference Information	O	5	
LOOP ID - 0410						>1
	1100	REF	Reference Information	O	1	
	1200	QTY	Quantity Information	O	1	
	1300	AMT	Monetary Amount Information	O	2	
	1400	G72	Allowance or Charge	O	1	
LOOP ID - 0411						>1
	1500	G17	Item Detail - Invoice	O	1	
	1600	G19	Line Item Detail - Quantity/Unit of Measure/Price Differences	O	10	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	G31	Total Invoice Quantity	M	1	
0200	G33	Total Dollars Summary	M	1	
0300	SE	Transaction Set Trailer	M	1	

Notes

1/0800 The G23 segment can be used at the header level or detail level, but not both. When it is used at the detail level, there must be at least one occurrence of the G23 segment for each iteration of the G17 segment.

1/1000 One occurrence of the N1 loop must be used to identify the party to whom the merchandise was shipped.

2/0100 Either the 0300 loop or the 0400 loop must be used, but both loops cannot be used within a single transaction set.

2/0500 The G23 segment can be used at the header level or detail level, but not both. When it is used at the detail level, there must be at least one occurrence of the G23 segment for each iteration of the G17 segment.

2/0900 Either the 0300 loop or the 0400 loop must be used, but both loops cannot be used within a single transaction set.

881 - Manufacturer Coupon Redemption Detail

FUNCTIONAL GROUP=**CN**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Manufacturer Coupon Redemption Detail Transaction Set (881) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a manufacturer or manufacturer's agent to communicate coupon redemption detail and the associated store tag detail necessary for reconciliation to a distributor's or distributor's clearinghouse invoice.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
	0300	REF	Reference Information	O	5	
N	0400	PER	Administrative Communications Contact	O	3	
	LOOP ID - 0100					5
N	0500	N1	Party Identification	M	1	
	0600	N2	Additional Name Information	O	1	
	0700	N3	Party Location	O	2	
	0800	N4	Geographic Location	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0200					>1
	0900	G01	Invoice Identification	M	1	
	1000	QTY	Quantity Information	M	4	
	1100	AMT	Monetary Amount Information	M	2	
	LOOP ID - 0210					10
	1200	G72	Allowance or Charge	O	1	
	1300	G73	Allowance or Charge Description	O	1	
	LOOP ID - 0220					>1
N	1400	N1	Party Identification	M	1	
	1500	N2	Additional Name Information	O	1	
	1600	N3	Party Location	O	2	
	1700	N4	Geographic Location	O	1	
	1800	N9	Extended Reference Information	O	1	
	LOOP ID - 0221					>1
	1900	REF	Reference Information	O	1	
	2000	QTY	Quantity Information	O	2	
	2100	AMT	Monetary Amount Information	O	1	
	2200	G72	Allowance or Charge	O	1	
	LOOP ID - 0222					>1
	2300	LQ	Industry Code Identification	O	1	
	2400	AMT	Monetary Amount Information	O	1	

2500	LIN	Item Identification	O	1			
2600	QTY	Quantity Information	O	1			
2700	G72	Allowance or Charge	O	1			
2800	G73	Allowance or Charge Description	O	5			

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0300					1
2900	LX	Transaction Set Line Number	M	1	
3000	QTY	Quantity Information	M	1	
3100	AMT	Monetary Amount Information	M	1	
3200	SE	Transaction Set Trailer	M	1	

Notes

1/0400 The PER segment is used to identify contacts for the sending party.
1/0500 One occurrence of the N1 segment must be used to identify the manufacturer of the product.
2/1400 One occurrence of the N1 segment must be used to identify the coupon redeeming party.

882 - Direct Store Delivery Summary Information

FUNCTIONAL GROUP=**IG**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Direct Store Delivery Summary Information Transaction Set (882) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to summarize detailed delivery, return and adjustment information which was previously reconciled at time of delivery in a retail direct store delivery environment, and also to request payment for the products delivered. This transaction set will provide only a summary of direct store deliveries and adjustments without product detail.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	G47	Statement Identification	M	1	
	LOOP ID - 0100					10
N	0300	N1	Party Identification	M	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	N9	Extended Reference Information	O	10	
	0800	G61	Contact	O	8	
	0900	G23	Terms of Sale	O	20	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0200					9999
	0100	G48	Statement/Invoice Identification	M	1	
	LOOP ID - 0210					99
	0200	G72	Allowance or Charge	O	1	
	0300	G73	Allowance or Charge Description	O	10	
	0400	G23	Terms of Sale	O	20	
	0500	G25	F.O.B. Information	O	1	
	0600	G31	Total Invoice Quantity	O	1	
	0700	G33	Total Dollars Summary	M	1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	G49	Statement Total	M	1	
	0200	SE	Transaction Set Trailer	M	1	

Notes

1/0300 One iteration of the N1 segment must be used to identify the party to receive the remittance.

883 - Market Development Fund Allocation

FUNCTIONAL GROUP=**DF**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Market Development Fund Allocation Transaction Set (883) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is initiated by a manufacturer and provides for customary and established business and industry practice relative to informing a broker or retailer/wholesaler how funds should be allocated in a market development program.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BMA	Beginning Segment for Market Development Fund Allocation	M	1	
N	0300	N1	Party Identification	M	10	
N	0400	G62	Date/Time	M	1	
	0500	G43	Promotion/Price List Area	O	1000	
	0600	G95	Performance Requirements	O	99	
	0700	G61	Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0100					9999
N	0100	LIN	Item Identification	O	1	
	LOOP ID - 0110					99
	0200	UIT	Unit Detail	M	1	
	0300	QTY	Quantity Information	O	2	
	0400	G62	Date/Time	O	10	
	LOOP ID - 0200					999
N	0500	N1	Party Identification	O	1	
	0600	AMT	Monetary Amount Information	O	1	
	0700	G62	Date/Time	O	10	
	0750	G95	Performance Requirements	O	5	
	LOOP ID - 0210					9999
	0800	LIN	Item Identification	O	1	
	0900	AMT	Monetary Amount Information	O	1	
	LOOP ID - 0300					9999
N	1000	LX	Transaction Set Line Number	O	1	
	1100	LIN	Item Identification	M	1	
	1200	AMT	Monetary Amount Information	O	1	
	LOOP ID - 0310					999
	1300	N1	Party Identification	O	1	
	1400	AMT	Monetary Amount Information	O	1	
	1500	G62	Date/Time	O	10	
	1600	SE	Transaction Set Trailer	M	1	

Notes

1/0300 At least two iterations of the N1 segment in the header area are required to identify the broker or buying party, and the manufacturer.

1/0400 The G62 segment in the header area is used to indicate the transaction set generation date and time.

2/0100 The LIN loop in the detail area (0100) is used to provide fund accrual information.

2/0500 Either the 0200 loop or 0300 loop must be used, but both loops cannot be used within a single transaction set.

2/0500 The N1 loop in the detail area (0200) is used to provide allocation of funds by customer (product within customer).

2/1000 The LX loop in the detail area (0300) is used to provide allocation of funds by product (customer within product)

884 - Market Development Fund Settlement

FUNCTIONAL GROUP=**MF**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Market Development Fund Settlement Transaction Set (884) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides for customary and established business and industry practice relative to communicating settlement information associated with a single market development fund event. This transaction set is multidirectional between trading partners.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BMP	Beginning Segment for Market Development Fund Settlement	M	1	
N	0300	N1	Party Identification	M	5	
	0400	G61	Contact	O	3	
	0500	NTE	Note/Special Instruction	O	10	
	0600	QTY	Quantity Information	O	1	
	0700	BAL	Balance Detail	O	1	
	LOOP ID - 0100					999
	0800	N9	Extended Reference Information	O	1	
	0900	AMT	Monetary Amount Information	O	1	
	1000	N1	Party Identification	O	1	
	1100	SE	Transaction Set Trailer	M	1	

Notes

1/0300 At least two iterations of the first N1 segment are required to identify the broker or buying party, and the manufacturer.

885 - Retail Account Characteristics

FUNCTIONAL GROUP=**UA**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Retail Account Characteristics Transaction Set (885) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to enable a retailer, wholesaler or broker to provide detailed attributes of a retail store such as store number, size of store, class of trade, product category information, customer demographic information, or marketing, etc. to a trading partner.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	N1	Party Identification	M	3	
N	0300	DTM	Date/Time Reference	M	1	
N	0400	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0100					>1
	0100	ENT	Entity	M	1	
	0200	G53	Maintenance Type	M	1	
N	0300	DTM	Date/Time Reference	M	1	
	0400	N2	Additional Name Information	O	1	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0700	PER	Administrative Communications Contact	O	3	
	0800	N1	Party Identification	O	100	
	0900	N9	Extended Reference Information	O	10	
	1000	G13	Store Size Attributes	O	1	
	1100	G18	Store Category Size	O	30	
	1200	G29	Store Display Information	O	10	
	1300	G30	Retail Account Marketing Types	O	10	
	1320	SPR	Supplier Rating	O	1	
	1340	RDI	Retail Account Demographic Information	O	>1	
	LOOP ID - 0110					>1
	1380	LM	Code Source Information	O	1	
	1390	LQ	Industry Code Identification	M	10	
	1400	SE	Transaction Set Trailer	M	1	

Notes

1/0200 The N1 segment in the header area is used to identify the sending and receiving parties.

1/0300 The DTM segment in the header area is used to specify the transaction generation date and time.

1/0400 The PER segment in the header area is used to identify contacts for the sending party.

2/0300 The DTM segment in the detail area is used to provide the effective date of the retail account characteristics.

886 - Customer Call Reporting

FUNCTIONAL GROUP=**UB**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Customer Call Reporting Transaction Set (886) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable a broker or manufacturer to communicate retail store level information such as condition of products, shelf space allocation, store conditions, marketing programs in effect, information on competitor products, selective pricing information, display information, etc.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
N	0200	N1	Party Identification	M	2	
N	0300	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0100					5000
	0100	ENT	Entity	M	1	
	0200	DTM	Date/Time Reference	O	2	
	LOOP ID - 0110					150
	0300	N1	Party Identification	O	1	
	0400	G32	Survey Question Response	O	25	
	0500	G37	Labor Activity	O	10	
	LOOP ID - 0111					1000
	0600	G28	Line Item Numbers	O	1	
	0700	QTY	Quantity Information	O	10	
	0800	G29	Store Display Information	O	10	
	0900	CTP	Pricing Information	O	4	
	1000	G35	Advertising Feature Information	O	10	
	1100	CRC	Conditions Indicator	O	5	
	1200	SE	Transaction Set Trailer	M	1	

Notes

1/0200 The N1 segment in the header area is used to identify the sending and receiving parties.
1/0300 The PER segment in the header area is used to identify contacts for the sending party.

887 - Coupon Notification

FUNCTIONAL GROUP=**CN**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Coupon Notification Transaction Set (887) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used by a manufacturer to notify a distributor, retail clearing house, manufacturer's agent or broker of the issuance of coupons and to provide information necessary for processing.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	N1	Party Identification	M	4	
	0400	AMT	Monetary Amount Information	O	7	
	0500	G43	Promotion/Price List Area	O	500	
	0600	N9	Extended Reference Information	O	5	
N	0700	PER	Administrative Communications Contact	O	3	
	0800	DTM	Date/Time Reference	O	2	
	0900	G11	Coupon Reporting Specifications	O	10	
	1000	G12	Coupon Physical Characteristics	O	1	
	LOOP ID - 0100					5
	1100	G14	Coupon Special Processing	O	1	
	1200	N1	Party Identification	O	1	
	1300	N2	Additional Name Information	O	1	
	1400	N3	Party Location	O	2	
	1500	N4	Geographic Location	O	1	
	LOOP ID - 0200					5
	1600	G15	Coupon Distribution	O	1	
	1700	N9	Extended Reference Information	O	20	
	1800	QTY	Quantity Information	O	1	
	1900	AMT	Monetary Amount Information	O	1	
	2000	PCT	Percent Amounts	O	1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0300					10
0100	LIN	Item Identification	O	1	
LOOP ID - 0310					99
0200	G28	Line Item Numbers	O	1	
0300	PCT	Percent Amounts	O	1	
0400	QTY	Quantity Information	O	3	
0500	G51	Free Goods/Product Condition	O	1	
0600	SE	Transaction Set Trailer	M	1	

Notes

1/0300 One iteration of the N1 segment is required to identify the vendor.
1/0700 The PER segment is used to identify the contacts for the sending party.

888 - Item Maintenance

FUNCTIONAL GROUP=**QG**
SUBCOMMITTEE=**M**

This X12 Transaction Set provides the format and establishes the data contents of the Item Maintenance Transaction Set (888) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to enable a manufacturer, supplier, broker, or agent to provide detailed finished goods product information to a partner in a consumer goods market. This transaction set can be used to provide information about new products or changes in existing product specifications. Price changes will not be sent with this transaction set, but can be sent with the Price Change Transaction Set (879).

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0150	BGN	Beginning Segment	O	1	
	LOOP ID - 0100					>1
N	0200	N1	Party Identification	M	1	
	0300	N2	Additional Name Information	O	1	
	0400	N3	Party Location	O	2	
	0500	N4	Geographic Location	O	1	
	0600	N9	Extended Reference Information	O	10	
	0700	G61	Contact	O	>1	
	0800	NTE	Note/Special Instruction	O	20	
	0850	G93	Price Bracket Identification	O	50	
	0860	G62	Date/Time	M	1	
	0865	LDT	Lead Time	O	>1	
	LOOP ID - 0200					>1
	0900	LM	Code Source Information	O	1	
	1000	LQ	Industry Code Identification	M	100	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0300					>1
	0100	G53	Maintenance Type	M	1	
N	0200	G62	Date/Time	O	3	
	0300	NTE	Note/Special Instruction	O	20	
	LOOP ID - 0310					>1
	0350	LX	Transaction Set Line Number	M	1	
	0400	G39	Item Characteristics - Vendor's Selling Unit	O	1	
	0450	USI	Unitized Shipment Information	O	1	
	0500	G69	Line Item Detail - Description	O	5	
	0550	QTY	Quantity Information	O	>1	
	0560	LIN	Item Identification	O	1	
	0570	PID	Product/Item Description	O	200	
	0580	PKG	Marking, Packaging, Loading	O	25	

0600	G23	Terms of Sale	O	10	
0700	G62	Date/Time	O	2	
0800	G36	Price List Reference	O	1	
0900	G26	Pricing Conditions	O	2	
1000	G43	Promotion/Price List Area	O	9999	
1100	G24	Promotion Reference	O	999	
1200	G40	Bracket Price	O	99	
1300	G93	Price Bracket Identification	O	50	
1350	G22	Pre-Pricing Information	O	5	
1400	G46	Promotion Allowance/Charge	O	99	
1450	H1	Hazardous Material	O	5	
1500	G54	Module Description	O	99	
1510	N9	Extended Reference Information	O	10	
1520	UIT	Unit Detail	O	10	
1530	MEA	Measurements	O	10	
1540	TD1	Carrier Details (Quantity and Weight)	O	1	
1543	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1	
1550	LDT	Lead Time	O	1	
LOOP ID - 0311					>1
1560	N1	Party Identification	O	1	
1570	N2	Additional Name Information	O	2	
1580	N3	Party Location	O	2	
1590	N4	Geographic Location	O	1	
1600	PAL	Pallet Type and Load Characteristics	O	>1	
1610	G93	Price Bracket Identification	O	1	
1620	QTY	Quantity Information	O	1	
LOOP ID - 0312					>1
1650	G55	Item Characteristics - Consumer Unit	O	1	
1700	G69	Line Item Detail - Description	O	5	
1750	QTY	Quantity Information	O	1	
1760	LIN	Item Identification	O	1	
1765	PID	Product/Item Description	O	200	
1770	H1	Hazardous Material	O	5	
1775	REF	Reference Information	O	10	
1780	PKG	Marking, Packaging, Loading	O	25	
1785	MEA	Measurements	O	10	
1790	TD1	Carrier Details (Quantity and Weight)	O	1	
1793	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1	
1795	SLN	Subline Item Detail	O	100	
1797	LDT	Lead Time	O	1	
LOOP ID - 0313					>1
1800	LM	Code Source Information	O	1	
1900	LQ	Industry Code Identification	M	100	
2000	SE	Transaction Set Trailer	M	1	

Notes

1/0200 One iteration of the N1 loop should be used to identify the buying party (BY) to establish the area or location for which the item maintenance applies.

2/0200 The G62 segment is used to specify the effective date for the item maintenance action reflected in G5301.

889 - Promotion Announcement

FUNCTIONAL GROUP=**QG**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Promotion Announcement Transaction Set (889) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a broker, distributor or manufacturer and provides for customary and established business and industry practice relative to the announcement of promotion allowance amounts, dates and performance conditions that may apply; the replacement of a previously transmitted promotion in its entirety; the cancellation of a previously transmitted promotion; changes to promotion dates; or acceptance of a promotion offered by a broker or supplier. This transaction set is multidirectional between trading partners.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	G42	Promotion Announcement Identification	M	1	
0900	N9	Extended Reference Information	O	10	
1000	G61	Contact	O	>1	
1100	G62	Date/Time	M	50	
1200	NTE	Note/Special Instruction	O	300	
1300	G43	Promotion/Price List Area	O	1000	
1450	G23	Terms of Sale	O	1	
LOOP ID - 0100					>1
1500	N1	Party Identification	M	1	
1600	N2	Additional Name Information	O	1	
1700	N3	Party Location	O	2	
1800	N4	Geographic Location	O	1	
1850	G62	Date/Time	O	>1	
LOOP ID - 0200					20
1900	G94	Promotion Conditions	O	1	
2000	G95	Performance Requirements	O	99	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0300					9999
0150	LX	Transaction Set Line Number	O	1	
0200	G46	Promotion Allowance/Charge	O	20	
N 0250	G51	Free Goods/Product Condition	O	1	
LOOP ID - 0310					20
0320	G94	Promotion Conditions	O	1	
LOOP ID - 0311					99
0350	G95	Performance Requirements	O	1	
0360	G62	Date/Time	O	2	

	LOOP ID - 0320					9999
	0400	G45	Line Item Detail - Promotion	O	1	
	0500	G69	Line Item Detail - Description	O	5	
	0550	G43	Promotion/Price List Area	O	9999	
N	0600	G51	Free Goods/Product Condition	O	10	
	0750	G23	Terms of Sale	O	1	
	0800	G62	Date/Time	O	10	
	0850	G22	Pre-Pricing Information	O	1	
	0870	QTY	Quantity Information	O	10	
	1000	SE	Transaction Set Trailer	M	1	

Notes

2/0250 The G51 segment can be used in the 0300 loop or the 0320 loop, but not both.
2/0600 The G51 segment can be used in the 0300 loop or the 0320 loop, but not both.

890 - Contract & Rebate Management Transaction

FUNCTIONAL GROUP=**D4**
SUBCOMMITTEE=**M**

This X12 transaction set contains the format and establishes the data contents of the Contract and Rebate Management transaction for use within the context of an Electronic Data Interchange (EDI) environment. This X12 transaction set can be used to confirm, in an electronic format, the details of a contract that has been negotiated between two or more Foodservice parties. Information conveyed in the transaction includes trade party name, address and contact information; trade party role(s), identification of the contract program(s) and the specifics of the program(s) - including specific deals, date(s), contract performance requirements, volume measurements, benchmarks, rebate/billback information, and identification of the product(s), product classification, services(s), and equipment.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	CTH	Beginning Segment for Contract Transaction Set	M	1	
	0300	CUR	Currency	O	1	
	0400	DTM	Date/Time Reference	O	10	
	0500	MTX	Text	O	1	
	0600	REF	Reference Information	O	>1	
	0700	SAC	Service, Promotion, Allowance, or Charge Information	O	>1	
	LOOP ID - 0100					>1
N	0900	NM1	Individual or Organizational Name	O	1	
	1000	NX1	Property or Entity Identification	O	1	
	1100	PPR	Contract Party Restriction	O	>1	
	1200	N2	Additional Name Information	O	2	
	1300	N3	Party Location	O	2	
	1400	N4	Geographic Location	O	1	
	1500	PER	Administrative Communications Contact	O	>1	
	LOOP ID - 0120					>1
N	1700	N1	Party Identification	O	1	
	1800	N2	Additional Name Information	O	2	
	1900	N3	Party Location	O	2	
	2000	N4	Geographic Location	O	1	
	2100	PER	Administrative Communications Contact	O	>1	
	LOOP ID - 0140					>1
N	2300	AMT	Monetary Amount Information	O	1	
	2400	MTX	Text	O	1	
	LOOP ID - 0160					>1
N	2600	QTY	Quantity Information	O	1	
	2700	MTX	Text	O	1	
	2800	LS	Loop Header	O	1	

LOOP ID - 0180						3
N	3000	N1	Party Identification	O	1	
	3100	DTM	Date/Time Reference	M	2	
	3200	TBP	Frequency Basis	O	1	
	3300	LE	Loop Trailer	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0190						>1
N	0200	CPL	Program Information	O	1	
	0300	REF	Reference Information	O	>1	
	0400	PPR	Contract Party Restriction	O	>1	
	0500	MTX	Text	O	1	
LOOP ID - 0200						>1
	0700	DTM	Date/Time Reference	O	1	
	0800	TBP	Frequency Basis	O	1	
	0900	N1	Party Identification	O	>1	
LOOP ID - 0210						>1
	1100	AMT	Monetary Amount Information	O	1	
	1200	MEA	Measurements	O	2	
	1300	TBP	Frequency Basis	O	1	
	1400	LS	Loop Header	O	1	
LOOP ID - 0230						>1
	1600	N1	Party Identification	O	1	
N	1700	QTY	Quantity Information	O	1	
	1800	AMT	Monetary Amount Information	O	1	
	1900	MTX	Text	O	1	
	2000	PSG	Program Spend	O	>1	
	2100	CPI	Claimant Payment Information	O	1	
LOOP ID - 0250						1
	2300	SEF	Payment Handling	O	1	
LOOP ID - 0260						>1
	2500	DTM	Date/Time Reference	O	1	
	2600	MTX	Text	O	1	
	2700	LE	Loop Trailer	O	1	
LOOP ID - 0300						>1
	2900	LX	Transaction Set Line Number	O	1	
	3000	MTX	Text	O	1	
LOOP ID - 0305						>1
N	3200	FX2	Product Classification	O	1	
	3300	AMT	Monetary Amount Information	O	1	
	3400	QTY	Quantity Information	O	1	
	3500	FX6	Brand Label	O	>1	
	3600	FX7	Pack and Size	O	>1	
LOOP ID - 0310						>1

N	3800	FX3	Product Information	O	1	
	3900	FU3	Product Detail	O	1	
	4000	FU4	Product Pack Detail	O	1	
	4100	FU5	Co-Product Information	O	1	
	4200	AMT	Monetary Amount Information	O	1	
	4300	QTY	Quantity Information	O	1	
	LOOP ID - 0320					>1
N	4500	FU1	Bracket Information	O	1	
	4600	FU2	Deal Value	M	1	
	LOOP ID - 0340					>1
N	4800	FX4	Equipment Information	O	1	
	4900	REF	Reference Information	O	2	
	5000	N1	Party Identification	M	>1	
	5100	DTM	Date/Time Reference	O	>1	
	5200	ECS	Fees and Payment Schedule	O	1	
	LOOP ID - 0350					>1
N	5400	FX5	Services Information	O	1	
	5500	N1	Party Identification	M	>1	
	5600	DTM	Date/Time Reference	O	>1	
	5700	QTY	Quantity Information	O	1	
	5800	ECS	Fees and Payment Schedule	O	1	
	LOOP ID - 0400					>1
	6000	FX4	Equipment Information	O	1	
	6100	REF	Reference Information	O	2	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

Notes

1/0900 Loop 0100 is used to identify all parties to the contract.
1/1700 Loop 0120 is used to identify a parent company.
1/2300 Loop 0140 is used to specify the minimum expected expenditure amount under the contract.
1/2600 Loop 0160 is used to specify the minimum expected quantity purchase under the contract.
1/3000 Loop 0180 is used to identify the party that may make price changes, and the frequency thereof.
2/0200 Loop 0190 specifies programs under the contract.
2/1700 This segment denotes the expected quantity performance by the contractee.
2/3200 Loop 0305 specifies product classes relevant to the program.
2/3800 Loop 0310 specifies products that are relevant to a program.
2/4500 Loop 0320 specifies the price brackets for the product classes (Loop 0305) and products (Loop 0310).
2/4800 Loop 0340 specifies the equipment that is included under a program.
2/5400 Loop 0350 specifies the services that are included under a program.

891 - Deduction Research Report

FUNCTIONAL GROUP=**UD**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Deduction Research Transaction Set (891) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a seller to request information about a deduction from an invoice. It can also be used by a seller's agent or buyer to provide complete details needed to resolve deduction amounts.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BGN	Beginning Segment	M	1	
N	0300	N1	Party Identification	M	2	
N	0400	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0100					100
	0100	ENT	Entity	M	1	
	LOOP ID - 0110					100
	0200	N9	Extended Reference Information	O	1	
	0300	AMT	Monetary Amount Information	O	1	
	LOOP ID - 0111					1000
	0400	ADX	Adjustment	O	1	
	0500	AMT	Monetary Amount Information	O	1	
	0600	REF	Reference Information	O	10	
	0700	SE	Transaction Set Trailer	M	1	

Notes

1/0300 The N1 segment in the header area is used to identify the sending and receiving parties.
1/0400 The PER segment in the header area is used to identify contacts for the sending party.

892 - Trading Partner Performance Measurement

FUNCTIONAL GROUP=**WG**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Trading Partner Performance Measurement Transaction Set (892) for use within the context of an Electronic Data Interchange (EDI) environment. The message allows a trading partner to indicate a level of service desired or achieved for specified performance objectives pertaining to a trading partner relationship. The transaction supports any business relationship where performance measures have been identified and the parties wish to share desired goal or achieved performance information in order to improve the levels of service.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGN	Beginning Segment	M	1	
0300	DTM	Date/Time Reference	O	2	
0400	REF	Reference Information	O	5	
0500	COM	Communication Contact Information	O	1	
0600	MTX	Text	O	1	
LOOP ID - N1					5
0700	N1	Party Identification	O	1	
0800	N2	Additional Name Information	O	2	
0900	N3	Party Location	O	2	
1000	N4	Geographic Location	O	1	
1100	PER	Administrative Communications Contact	O	3	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - CRT						>1
N	0100	CRT	Contractor Report Type	M	1	
	0200	DTM	Date/Time Reference	M	2	
N	0300	PMP	Performance Measures	M	1	
N	0400	MEA	Measurements	O	2	
	0500	SLV	Service Level	O	1	
	0600	DLP	Delivery Parameter	O	1	
	0700	FQR	Forecast Parameters	O	1	
	0800	IVT	Inventory Parameters	O	1	
	0900	SLS	Sales Parameters	O	1	
	1000	ITS	Item Selection	O	1	
	1100	MTX	Text	O	1	
LOOP ID - LSC						>1
	1200	LSC	Location Scope Parameter	O	1	
N	1300	N3	Party Location	O	1	
N	1400	N4	Geographic Location	O	1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	SE	Transaction Set Trailer	M	1	

Notes

2/0100 The CRT loop defines the type of report for which information exists in the database.

2/0300 PMP01 clarifies the reporting period specified in the DTM segment.

2/0300 PMP02 pertains to a CRT01 value of YK - Out of Stock.

2/0300 PMP03 pertains to a CRT01 value of YD - Item Data Synchronization.

2/0300 PMP04 pertains to a CRT01 value of YG - On Time Delivery or YJ- Order to Delivery Cycle Time.

2/0400 The MEA segment identifies the performance goal and performance result for the Performance Measure identified in CRT segment.

2/1300 If needed, the N3 segment is used to provide address location information for the performance measure.

2/1400 If needed, the N4 segment is used to provide geographic location information for the performance measure.

893 - Item Information Request

FUNCTIONAL GROUP=**AM**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Item Information Request Transaction Set (893) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by distributors and brokers to request complete item information from the manufacturers, suppliers, brokers, or agents. The item information will be returned using the Item Maintenance Transaction Set (888). This transaction set can be used also to request product activity. The product activity will be returned using the Product Activity Data Transaction Set (852).

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	B2A	Set Purpose	M	1	
	0300	REF	Reference Information	O	10	
	0350	DTM	Date/Time Reference	O	>1	
	LOOP ID - 0100					>1
N	0400	N1	Party Identification	M	1	
	0500	N2	Additional Name Information	O	1	
	0600	N3	Party Location	O	2	
	0700	N4	Geographic Location	O	2	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	LOOP ID - 0200					>1
	0100	G39	Item Characteristics - Vendor's Selling Unit	M	1	
	0200	G69	Line Item Detail - Description	O	1	
	0300	DTM	Date/Time Reference	O	>1	
	0400	RCR	Reporting Criteria	O	>1	
	0500	G43	Promotion/Price List Area	O	>1	
	0600	SE	Transaction Set Trailer	M	1	

Notes

1/0400 At least two occurrences of the N1 loop must be present; one to specify the receiver of the request, and additional segments to identify the recipients of the response.

894 - Delivery/Return Base Record

FUNCTIONAL GROUP=**DX**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Delivery/Return Base Record Transaction Set (894) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to enable a Direct Store Delivery (DSD) vendor to communicate the details of a DSD delivery and is to be used during the checkin procedure.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	G82	Delivery/Return Base Record Identifier	M	1	
0250	N9	Extended Reference Information	O	>1	
0300	MTX	Text	O	5	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
0100	LS	Loop Header	O	1	
LOOP ID - 0100					9999
0200	G83	Line Item Detail/Direct Store Delivery	O	1	
0250	SLN	Subline Item Detail	O	1	
0260	MTX	Text	O	5	
0300	G22	Pre-Pricing Information	O	1	
0400	G72	Allowance or Charge	O	10	
0450	TXI	Tax Information	O	>1	
0500	G23	Terms of Sale	O	20	
0530	DTM	Date/Time Reference	O	5	
0540	N9	Extended Reference Information	O	5	
0600	LE	Loop Trailer	O	1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	G72	Allowance or Charge	O	20	
0200	G23	Terms of Sale	O	20	
0250	TXI	Tax Information	O	>1	
0300	G84	Delivery/Return Record of Totals	M	1	
0400	G86	Signature Identification	M	1	
0500	G85	Record Integrity Check	M	1	
0600	SE	Transaction Set Trailer	M	1	

895 - Delivery/Return Acknowledgment or Adjustment

FUNCTIONAL GROUP=**DX**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Delivery/Return Acknowledgment or Adjustment Transaction Set (895) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to enable a distributor or Direct Store Delivery (DSD) vendor to communicate adjustments to a DSD delivery or to acknowledge the completion of a delivery.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	ST	Transaction Set Header	M	1	
	0200	G87	Delivery/Return Adjustment Identification	M	1	
	0300	G88	Delivery/Return Identification Adjustment	O	1	

Table 2

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	LS	Loop Header	O	1	
	LOOP ID - 0100					9999
	0200	G89	Line Item Detail - Adjustment	O	1	
	0300	G22	Pre-Pricing Information	O	1	
	0400	G72	Allowance or Charge	O	10	
	0450	TXI	Tax Information	O	>1	
	0500	G23	Terms of Sale	O	20	
	0600	LE	Loop Trailer	O	1	

Table 3

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	G72	Allowance or Charge	O	20	
	0200	G23	Terms of Sale	O	20	
	0250	TXI	Tax Information	O	>1	
	0300	G84	Delivery/Return Record of Totals	O	1	
	0400	G86	Signature Identification	M	1	
	0500	G85	Record Integrity Check	M	1	
	0600	SE	Transaction Set Trailer	M	1	

Notes

1/0100 The individual data fields will contain replacement values, not differences. The authentication code in the identification segment will contain the corresponding authentication code from the authentication segment in the Base or Adjustment Transaction immediately preceding it.

896 - Product Dimension Maintenance

FUNCTIONAL GROUP=**QG**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Product Dimension Maintenance Transaction Set (896) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide information about the physical characteristics of items for use in computerized shelf space management systems.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
LOOP ID - 0100					10
0200	N1	Party Identification	M	1	
0300	N2	Additional Name Information	O	1	
0400	N3	Party Location	O	1	
0500	N4	Geographic Location	O	1	
0600	N9	Extended Reference Information	O	10	
0700	G61	Contact	O	3	
0800	G62	Date/Time	O	10	
0900	NTE	Note/Special Instruction	O	20	
1000	G43	Promotion/Price List Area	O	200	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0200					999
0100	ID1	Item Detail Dimensions	M	1	
0200	ID2	Item Image Detail	O	1	
0300	ID3	Dimensions Detail	O	50	
0400	SE	Transaction Set Trailer	M	1	

897 - Data Synchronization

FUNCTIONAL GROUP=**SC**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Data Synchronization Transaction Set (897) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to furnishing or requesting information pertaining to data synchronization for products or services.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BHT	Beginning of Hierarchical Transaction	M	1	
0300	BCT	Beginning Segment for Price/Sales Catalog	O	1	
0400	REF	Reference Information	O	>1	
0500	DTM	Date/Time Reference	O	10	
0600	PER	Administrative Communications Contact	O	>1	
0700	COM	Communication Contact Information	O	>1	
0800	MTX	Text	O	>1	
LOOP ID - 1000					>1
0900	N1	Party Identification	O	1	
1000	N2	Additional Name Information	O	2	
1100	N3	Party Location	O	2	
1200	N4	Geographic Location	O	>1	
1300	REF	Reference Information	O	>1	
1400	PER	Administrative Communications Contact	O	>1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 2000					>1
0100	UPI	Universal Product Identification	M	1	
0200	LIN	Item Identification	O	1	
0300	G53	Maintenance Type	O	1	
0400	PKG	Marking, Packaging, Loading	O	25	
0410	COI	Container Information	O	1	
0500	PKL	Multi-Pack Configuration	O	1	
0600	TC2	Commodity	O	>1	
0700	DTM	Date/Time Reference	O	10	
0800	CTB	Restrictions/Conditions	O	25	
0900	LDT	Lead Time	O	1	
1000	MEA	Measurements	O	200	
1100	YNQ	Yes/No Question	O	>1	
1200	QTY	Quantity Information	O	>1	
1400	REG	Regulatory Application	O	>1	
1500	REF	Reference Information	O	>1	
1600	AMT	Monetary Amount Information	O	5	

N	1700	PO5	Expanded Item Physical Details	O	>1	
N	1800	PO6	Non-Packaged Item Physical Details	O	>1	
N	1900	PO7	Gift Container Physical Details	O	>1	
N	2000	PO8	Unmarked Trade Item Physical Details	O	>1	
	2100	COD	Channel of Distribution	O	1	
	2200	PAL	Pallet Type and Load Characteristics	O	>1	
	2300	PKD	Packaging Description	O	1	
	2320	NUT	Nuts Information	O	50	
	2330	VIT	Manufacturer Mineral, Vitamin, and Nutrient Declaration	O	10	
	2340	TTI	Texture and Thickness Information	O	1	
	2350	MPT	Manufacturer Preparation Information	O	>1	
	2360	MAP	Meat and Poultry Information	O	1	
N	2400	ING	Ingredients	O	>1	
	2450	COM	Communication Contact Information	O	20	
	2460	TAR	Target Market	O	1	
	2470	PER	Administrative Communications Contact	O	1	
	2480	MCZ	Marine Catch Zone	O	>1	
LOOP ID - 2100						**>1**
	2500	PID	Product/Item Description	O	1	
	2600	MEA	Measurements	O	200	
	2700	COM	Communication Contact Information	O	20	
LOOP ID - 2200						**>1**
	2800	MTX	Text	O	1	
	2900	COM	Communication Contact Information	O	20	
LOOP ID - 2300						**>1**
N	3000	TRT	Trade Item Type	O	1	
	3100	TC2	Commodity	O	>1	
	3200	REF	Reference Information	O	>1	
	3300	PDH	Pharmaceutical Drug Information	O	1	
	3400	TRD	Trade Item Ingredient Details	O	>1	
LOOP ID - 2400						**>1**
	3500	N1	Party Identification	O	1	
	3600	N2	Additional Name Information	O	2	
	3700	N3	Party Location	O	2	
	3800	N4	Geographic Location	O	1	
	3900	REF	Reference Information	O	12	
	4000	PER	Administrative Communications Contact	O	>1	
	4100	MTX	Text	O	>1	
LOOP ID - 2500						**>1**
N	4200	ALG	Allergen	O	1	
	4300	N1	Party Identification	O	1	
	4400	REF	Reference Information	O	>1	
	4500	COM	Communication Contact Information	O	20	
LOOP ID - 2600						**>1**
	4600	LM	Code Source Information	O	1	

LOOP ID - 2610					>1
	4700	LQ	Industry Code Identification	M	1
	4800	REF	Reference Information	O	>1
	4900	EFI	Electronic Format Identification	O	1
	5000	DTM	Date/Time Reference	O	>1
LOOP ID - 2611					>1
	5100	PID	Product/Item Description	O	1
	5200	MEA	Measurements	O	>1
	5300	MTX	Text	O	1
LOOP ID - 2700					>1
	5400	N9	Extended Reference Information	O	1
	5500	EFI	Electronic Format Identification	O	>1
LOOP ID - 2800					>1
	5600	CTP	Pricing Information	O	1
	5700	DTM	Date/Time Reference	O	>1
	5800	G40	Bracket Price	O	>1
	5900	SAC	Service, Promotion, Allowance, or Charge Information	O	>1
	6000	G93	Price Bracket Identification	O	>1
LOOP ID - 2900					>1
	6100	W6	Special Handling Information	O	1
	6200	MTX	Text	O	>1
LOOP ID - 3000					>1
	6300	CER	Certification	O	1
	6400	COM	Communication Contact Information	O	20
LOOP ID - 3100					50
	6500	DET	Diet Information	O	1
	6600	CER	Certification	O	10
	6700	COM	Communication Contact Information	O	20
LOOP ID - 3130					>1
	6701	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1
	6702	LH4	Canadian Dangerous Requirements	O	1
LOOP ID - 3170					>1
	6703	BVI	Beverage Information	O	1
	6704	SPT	Spirit and Liqueur Information	O	1
	6705	WIN	Wine Information	O	1
	6706	BER	Beer Information	O	1
LOOP ID - 3200					1
	6800	NF1	Nutrition Facts Panel	O	1
LOOP ID - 3210					>1
N	6900	LX	Transaction Set Line Number	M	1
	7000	NFE	Nutrition Facts Panel Product Name	M	1
	7100	NF2	Serving Size Statement	O	1

	7200	NF3	Servings Per Container Statement	O	1	
	7300	NF4	Nutrition Facts Panel Calorie	O	>1	
	7400	NF5	Nutrition Facts Panel Fats	O	>1	
	7500	NF6	Nutrition Facts Panel Carbohydrates	O	>1	
	7600	NF7	Nutrition Facts Panel Other Nutrients	O	>1	
	7700	NF8	Nutrition Facts Panel Vitamins and Minerals	O	>1	
	7800	NFD	Nutrition Facts Panel Footer Statement	O	>1	
LOOP ID - 3230						>1
	7900	NFB	Nutrition Facts Panel Footer Calorie Diet	O	1	
C	8000	NFC	Nutrition Facts Panel Footer Calorie Diet Nutrient Amounts	O	>1	
LOOP ID - 3240						>1
	8020	DAY	Dairy and Non-Dairy Alternative Information	O	1	
	8040	CHI	Cheese Information	O	>1	
LOOP ID - 3250						>1
	8050	FSH	Fish, Seafood, and Marine Life Product Information	O	1	
	8060	MCZ	Marine Catch Zone	O	1	
LOOP ID - 3300						>1
	8100	SLN	Subline Item Detail	O	1	
	8200	PID	Product/Item Description	O	>1	
	8300	MEA	Measurements	O	>1	
	8400	PO5	Expanded Item Physical Details	O	1	
	8500	PO6	Non-Packaged Item Physical Details	O	1	
	8600	PO8	Unmarked Trade Item Physical Details	O	1	
	8700	MTX	Text	O	>1	
	8800	COM	Communication Contact Information	O	20	
	8900	REF	Reference Information	O	>1	
	9000	DTM	Date/Time Reference	O	>1	
	9100	PKG	Marking, Packaging, Loading	O	>1	
	9200	YNQ	Yes/No Question	O	>1	
	9300	TC2	Commodity	O	>1	
	9310	PER	Administrative Communications Contact	O	1	
LOOP ID - 3310						>1
	9400	N1	Party Identification	O	1	
	9500	N2	Additional Name Information	O	1	
	9600	N3	Party Location	O	1	
	9700	N4	Geographic Location	O	1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	CTT	Transaction Totals	O	1	
0200	SE	Transaction Set Trailer	M	1	

Notes

2/1700 Successive occurrences of the PO5 segment allows the sender to provide an equivalent value and unit of measure data for the same product attribute. This supports products that are labeled with both Imperial and Metric values, or if multiple values are listed using the same measuring system. As an example, if the product height in the first PO5 segment is

listed as 1 inch (imperial), in a second PO5 segment the value would be 2.54 centimeters (metric). Or, a product label could list the product weight as 1 pound and 16 ounces.

2/1800 Successive occurrences of the PO6 segment allows the sender to provide an equivalent value and unit of measure data for the same product attribute. This supports products that are labeled with both Imperial and Metric values, or if multiple values are listed using the same measuring system. As an example, if the product height in the first PO6 segment is listed as 1 inch (imperial), in a second PO6 segment the value would be 2.54 centimeters (metric). Or, a product label could list the product weight as 1 pound and 16 ounces.

2/1900 Successive occurrences of the PO7 segment allows the sender to provide an equivalent value and unit of measure data for the same product attribute. This supports products that are labeled with both Imperial and Metric values, or if multiple values are listed using the same measuring system. As an example, if the product height in the first PO7 segment is listed as 1 inch (imperial), in a second PO7 segment the value would be 2.54 centimeters (metric). Or, a product label could list the product weight as 1 pound and 16 ounces.

2/2000 Successive occurrences of the PO8 segment allows the sender to provide an equivalent value and unit of measure data for the same product attribute. This supports products that are labeled with both Imperial and Metric values, or if multiple values are listed using the same measuring system. As an example, if the product height in the first PO8 segment is listed as 1 inch (imperial), in a second PO8 segment the value would be 2.54 centimeters (metric). Or, a product label could list the product weight as 1 pound and 16 ounces.

2/2400 The ING segment is used to identify a product's ingredients excluding healthcare pharmaceuticals. The healthcare pharmaceutical information is provided in the TRT Loop.

2/3000 If TRT04 in loop 2300 is used TRD is required.

2/4200 For the ALG loop, the ALG Segment identifies the product allergens, the N1 Segment identifies the agency responsible for the allergen statements, the REF Segment identifies the regulations pretaining to the specific allergens and the COM Segment provides the URL links to the specific regulation.

2/6900 The LX Loop will occur once for each product name or product variant name, identified in the NFE segment.

Comments

2/8000 This segment provides the information from the Footer of the nutrition fact panel relating to the Calorie Diet(s). Example a 2000 or 2500 Calorie Diet, also includes the total Fat, Cholesterol, Sodium, Total Carbohydrates, and Dietary Fiber.

920 - Loss or Damage Claim - General Commodities

FUNCTIONAL GROUP=**GC**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Loss or Damage Claim - General Commodities Transaction Set (920) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to file a legal claim with a transportation carrier for loss or damage.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	F01	Identification of Claim (Claimant Originated)	M	1	
	0300	L11	Business Instructions and Reference Number	O	5	
	0350	CUR	Currency	O	5	
	LOOP ID - N1					10
	0400	N1	Party Identification	O	1	
	0500	N3	Party Location	O	2	
	0600	N4	Geographic Location	O	1	
	0650	G61	Contact	O	20	
	LOOP ID - F02					9999
	0700	F02	Identification of Shipment	M	1	
	0720	L11	Business Instructions and Reference Number	O	99	
	0760	MAN	Marks and Numbers Information	O	9999	
	0800	F05	Allowance/Charge (Claim)	O	1	
	0850	G62	Date/Time	O	30	
	0870	Q7	Lading Exception Status	O	10	
	0900	M7	Seal Numbers	O	5	
	LOOP ID - F09					100
	1000	F09	Detail - Supporting Evidence for Claim	O	1	
N	1100	F04	Weight/Volume Loss	O	1	
	1200	F05	Allowance/Charge (Claim)	O	10	
	1300	NTE	Note/Special Instruction	O	9999	
	1400	SE	Transaction Set Trailer	M	1	

Notes

1/1100 F04 is used only for bulk shipment.

924 - Loss or Damage Claim - Motor Vehicle

FUNCTIONAL GROUP=**GC**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Loss or Damage Claim - Motor Vehicle Transaction Set (924) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to file a legal claim with a carrier for loss or damage to a motor vehicle.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	F01	Identification of Claim (Claimant Originated)	M	1	
0300	F6X	Identification (Automotive)	M	1	
0400	F02	Identification of Shipment	O	1	
0500	F12	Basic Claim Information - Automotive	O	1	
0600	F07	Auto Claim Detail	M	99	
0700	SE	Transaction Set Trailer	M	1	

925 - Claim Tracer

FUNCTIONAL GROUP=**GC**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Claim Tracer Transaction Set (925) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a claimant to request from a carrier the status of a loss or damage claim.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
LOOP ID - F10					99
0200	F10	Identification of Claim (Tracer)	M	1	
0300	F02	Identification of Shipment	O	1	
0400	SE	Transaction Set Trailer	M	1	

926 - Claim Status Report and Tracer Reply

FUNCTIONAL GROUP=**GC**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Claim Status Report and Tracer Reply Transaction Set (926) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a carrier to report the status of a claim to the claimant or to reply to a claim tracer from the claimant.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
	0100	ST	Transaction Set Header	M	1	
	LOOP ID - F11					500
	0200	F11	Status	M	1	
	0300	F14	Line Item Reject	O	99	
N	0350	TRN	Trace	O	1	
	0400	F13	Payment Information	O	1	
	0500	SE	Transaction Set Trailer	M	1	

Notes

1/0350 The TRN segment is used to provide the reference number that would have been transmitted in the TRN segment of the corresponding 820 that contained the payment for the claim referenced in the F11 segment.

928 - Automotive Inspection Detail

FUNCTIONAL GROUP=**AI**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Automotive Inspection Detail Transaction Set (928) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by automotive manufacturers, inspection agencies, or carriers to report motor vehicle inspection results to other interested parties.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BIX	Beginning Segment for Automotive Inspection	M	1	
0300	TI	Transport Information	O	1	
LOOP ID - VC					36
0400	VC	Motor Vehicle Control	M	1	
0500	ID	Inspection Detail Segment	O	99	
0600	SE	Transaction Set Trailer	M	1	

940 - Warehouse Shipping Order

FUNCTIONAL GROUP=**OW**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Warehouse Shipping Order Transaction Set (940) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable the depositor or other business party to advise a warehouse to make a shipment, confirm a shipment, or modify or cancel a previously transmitted shipping order.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	W05	Shipping Order Identification	M	1	
LOOP ID - 0100					10
0400	N1	Party Identification	O	1	
0500	N2	Additional Name Information	O	2	
0600	N3	Party Location	O	2	
0700	N4	Geographic Location	O	1	
0800	PER	Administrative Communications Contact	O	5	
0900	N9	Extended Reference Information	O	10	
1000	G61	Contact	O	3	
1100	G62	Date/Time	O	10	
1200	NTE	Note/Special Instruction	O	>1	
1300	W09	Equipment and Temperature	O	1	
1400	W66	Warehouse Carrier Information	O	1	
1500	W6	Special Handling Information	O	5	
1530	R2	Route Information	O	13	
1560	BNX	Rail Shipment Information	O	1	
1565	PAL	Pallet Type and Load Characteristics	O	1	
LOOP ID - 0150					1
1570	TD3	Carrier Details (Equipment)	O	1	
1580	AT9	Trailer or Container Dimension and Weight	O	1	
LOOP ID - 0200					10
1600	LM	Code Source Information	O	1	
1700	LQ	Industry Code Identification	M	100	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0300					>1
0050	LX	Transaction Set Line Number	O	1	
0100	MAN	Marks and Numbers Information	O	>1	
0150	SDQ	Destination Quantity	O	>1	
0160	N1	Party Identification	O	1	
0170	G62	Date/Time	O	10	
0190	N9	Extended Reference Information	O	>1	

LOOP ID - 0310						>1
	0200	W01	Line Item Detail - Warehouse	O	1	
	0225	SLN	Subline Item Detail	O	>1	
	0250	W6	Special Handling Information	O	1	
	0300	G69	Line Item Detail - Description	O	5	
	0400	N9	Extended Reference Information	O	>1	
	0450	NTE	Note/Special Instruction	O	>1	
	0500	W20	Line Item Detail - Packing	O	3	
	0700	QTY	Quantity Information	O	10	
	0800	AMT	Monetary Amount Information	O	>1	
	0900	G62	Date/Time	O	10	
	1000	G66	Transportation Instructions	O	1	
	1050	MEA	Measurements	O	>1	
LOOP ID - N1						>1
	1100	N1	Party Identification	O	1	
	1101	N2	Additional Name Information	O	1	
	1102	N3	Party Location	O	1	
	1103	N4	Geographic Location	O	1	
	1120	PER	Administrative Communications Contact	O	5	
	1140	LH2	Hazardous Classification Information	O	6	
	1160	LHR	Hazardous Material Identifying Reference Numbers	O	1	
	1180	LH6	Hazardous Certification	O	5	
	1190	PAL	Pallet Type and Load Characteristics	O	1	
LOOP ID - 0320						10
	1200	LM	Code Source Information	O	1	
	1300	LQ	Industry Code Identification	M	100	
	1350	LS	Loop Header	O	1	
LOOP ID - 0330						>1
N	1400	LX	Transaction Set Line Number	O	1	
	1500	N9	Extended Reference Information	O	>1	
	1600	G62	Date/Time	O	10	
	1700	N1	Party Identification	O	1	
	1750	SDQ	Destination Quantity	O	>1	
LOOP ID - 0331						10
	1800	LM	Code Source Information	O	1	
	1900	LQ	Industry Code Identification	M	100	
LOOP ID - 0332						>1
	2000	LH1	Hazardous Identification Information	O	1	
	2100	LH2	Hazardous Classification Information	O	4	
	2200	LH3	Hazardous Material Shipping Name Information	O	10	
	2300	LFH	Free-form Hazardous Material Information	O	20	
	2400	LEP	EPA Required Data	O	3	
	2500	LH4	Canadian Dangerous Requirements	O	1	
	2600	LHT	Transborder Hazardous Requirements	O	3	
	2700	LHR	Hazardous Material Identifying Reference Numbers	O	10	
	2800	PER	Administrative Communications Contact	O	5	

2850	LE	Loop Trailer	O	1	
LOOP ID - 0340					>1
2900	FA1	Type of Financial Accounting Data	O	1	
3000	FA2	Accounting Data	M	>1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	W76	Total Shipping Order	O	1	
0200	SE	Transaction Set Trailer	M	1	

Notes

2/1400 The LX loop conveys serial number data.

943 - Warehouse Stock Transfer Shipment Advice

FUNCTIONAL GROUP=**AR**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Warehouse StockTransfer Shipment Advice Transaction Set (943) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a depositor or an agent of the depositor or other business party to advise the recipient that a transfer shipment has been made. This transaction set provides a receiving location with detail information concerning product being shipped to that location.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	W06	Warehouse Shipment Identification	M	1	
LOOP ID - 0100					10
0400	N1	Party Identification	M	1	
0500	N2	Additional Name Information	O	1	
0600	N3	Party Location	O	2	
0700	N4	Geographic Location	O	1	
0800	PER	Administrative Communications Contact	O	5	
0900	N9	Extended Reference Information	O	10	
1000	G61	Contact	O	3	
1100	G62	Date/Time	O	5	
1200	NTE	Note/Special Instruction	O	20	
1300	W27	Carrier Details (Warehouse)	M	1	
1400	W28	Consolidation Information	O	1	
1500	W10	Warehouse Additional Carrier Information	O	1	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0200					9999
0200	W04	Item Detail Total	M	1	
0300	G69	Line Item Detail - Description	O	5	
0400	N9	Extended Reference Information	O	>1	
0500	W20	Line Item Detail - Packing	O	2	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	W03	Total Shipment Information (Warehouse)	M	1	
0200	SE	Transaction Set Trailer	M	1	

944 - Warehouse Stock Transfer Receipt Advice

FUNCTIONAL GROUP=**RE**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Warehouse Stock Transfer Receipt Advice Transaction Set (944) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a receiving location to advise a depositor or an agent of the depositor or other business party that a transfer shipment has been received. This transaction set provides the depositor or the depositor's agent with detail information concerning product that has been received.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	W17	Warehouse Receipt Identification	M	1	
LOOP ID - 0100					10
0400	N1	Party Identification	M	1	
0500	N2	Additional Name Information	O	1	
0600	N3	Party Location	O	2	
0700	N4	Geographic Location	O	1	
0800	PER	Administrative Communications Contact	O	5	
0900	N9	Extended Reference Information	O	10	
1000	G61	Contact	O	3	
1100	G62	Date/Time	O	5	
1200	NTE	Note/Special Instruction	O	20	
1300	W08	Receipt Carrier Information	O	1	
1400	W18	Probe Temperatures	O	10	
1500	G08	Pallet Receipt Disposition	O	2	
1510	TD1	Carrier Details (Quantity and Weight)	O	5	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0200					>1
0010	LX	Transaction Set Line Number	M	1	
0050	MAN	Marks and Numbers Information	O	1	
0100	PAL	Pallet Type and Load Characteristics	O	>1	
0150	N9	Extended Reference Information	O	5	
LOOP ID - 210					9999
0200	W07	Item Detail For Stock Receipt	O	1	
0300	G69	Line Item Detail - Description	O	5	
0400	N9	Extended Reference Information	O	>1	
0500	W20	Line Item Detail - Packing	O	2	
LOOP ID - 0211					50
0700	W13	Item Detail Exception	O	1	
0800	N9	Extended Reference Information	O	200	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	W14	Total Receipt Information	M	1	
0200	SE	Transaction Set Trailer	M	1	

945 - Warehouse Shipping Advice

FUNCTIONAL GROUP=**SW**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Warehouse Shipping Advice Transaction Set (945) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by the warehouse to advise the depositor or other business party that shipment was made. It is used to reconcile order quantities with shipment quantities.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	W06	Warehouse Shipment Identification	M	1	
LOOP ID - 0100					10
0400	N1	Party Identification	M	1	
0500	N2	Additional Name Information	O	1	
0600	N3	Party Location	O	2	
0700	N4	Geographic Location	O	1	
0800	PER	Administrative Communications Contact	O	5	
0900	N9	Extended Reference Information	O	10	
1000	G61	Contact	O	3	
1100	G62	Date/Time	O	5	
1200	NTE	Note/Special Instruction	O	20	
1300	W27	Carrier Details (Warehouse)	O	1	
1350	W6	Special Handling Information	O	1	
1400	W28	Consolidation Information	O	1	
1500	W10	Warehouse Additional Carrier Information	O	10	
1550	G72	Allowance or Charge	O	5	
1560	TD1	Carrier Details (Quantity and Weight)	O	5	
LOOP ID - 0200					10
1600	LM	Code Source Information	O	1	
1700	LQ	Industry Code Identification	M	100	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0300					>1
0050	LX	Transaction Set Line Number	O	1	
0100	MAN	Marks and Numbers Information	O	>1	
0150	PAL	Pallet Type and Load Characteristics	O	1	
0170	N9	Extended Reference Information	O	5	
LOOP ID - 0310					>1
0200	W12	Warehouse Item Detail	O	1	
0300	G69	Line Item Detail - Description	O	5	
0400	N9	Extended Reference Information	O	>1	
0500	G62	Date/Time	O	10	

	0550	QTY	Quantity Information	O	10	
	0570	MEA	Measurements	O	5	
	0600	AMT	Monetary Amount Information	O	1	
	0700	R4	Port or Terminal	O	5	
	0750	W27	Carrier Details (Warehouse)	O	1	
LOOP ID - 0320						>1
	0800	N1	Party Identification	O	1	
	0810	N2	Additional Name Information	O	1	
	0820	N3	Party Location	O	1	
	0830	N4	Geographic Location	O	1	
	0840	PER	Administrative Communications Contact	O	1	
	0850	G72	Allowance or Charge	O	5	
LOOP ID - 0330						10
	0900	LM	Code Source Information	O	1	
	1000	LQ	Industry Code Identification	M	100	
	1050	LS	Loop Header	O	1	
LOOP ID - 0340						>1
N	1100	LX	Transaction Set Line Number	O	1	
	1200	N9	Extended Reference Information	O	>1	
	1300	G62	Date/Time	O	10	
	1400	N1	Party Identification	O	1	
LOOP ID - 0350						10
	1500	LM	Code Source Information	O	1	
	1600	LQ	Industry Code Identification	M	100	
	1650	LE	Loop Trailer	O	1	
LOOP ID - 0360						>1
	1700	FA1	Type of Financial Accounting Data	O	1	
	1800	FA2	Accounting Data	M	>1	

Table 3

POS	ID	NAME	REQ	MAX	REPEAT
0100	W03	Total Shipment Information (Warehouse)	O	1	
0200	SE	Transaction Set Trailer	M	1	

Notes

2/1100 The LX loop conveys serial number data.

947 - Warehouse Inventory Adjustment Advice

FUNCTIONAL GROUP=**AW**
SUBCOMMITTEE=**M**

This X12 Transaction Set contains the format and establishes the data contents of the Warehouse Inventory Adjustment Advice Transaction Set (947) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to inform a warehouse/depositor or other business party of a quantity or status change to inventory records. This transaction set provides detail information concerning the internal adjustments which occur between a warehouse and a depositor or other business party.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	W15	Warehouse Adjustment Identification	M	1	
LOOP ID - 0100					100
0400	N1	Party Identification	M	1	
0500	N2	Additional Name Information	O	1	
0600	N3	Party Location	O	1	
0700	N4	Geographic Location	O	1	
0800	PER	Administrative Communications Contact	O	5	
0900	N9	Extended Reference Information	O	10	
1000	G61	Contact	O	3	
1100	G62	Date/Time	O	5	
1200	NTE	Note/Special Instruction	O	20	
LOOP ID - 0200					10
1300	LM	Code Source Information	O	1	
1400	LQ	Industry Code Identification	M	100	

Table 2

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0300					>1
0200	W19	Warehouse Adjustment Item Detail	M	1	
0300	G69	Line Item Detail - Description	O	5	
0400	N9	Extended Reference Information	O	>1	
0500	CS	Contract Summary	O	1	
0700	AMT	Monetary Amount Information	O	1	
0800	G62	Date/Time	O	10	
LOOP ID - 0310					10
0900	LM	Code Source Information	O	1	
1000	LQ	Industry Code Identification	M	100	
LOOP ID - 0320					50
1100	N1	Party Identification	O	1	
1200	N2	Additional Name Information	O	2	
1300	N3	Party Location	O	2	

1400	N4	Geographic Location	O	1	
1450	G61	Contact	O	5	
LOOP ID - 0330					>1
1500	LX	Transaction Set Line Number	O	1	
1600	N9	Extended Reference Information	O	>1	
1700	G62	Date/Time	O	1	
1800	N1	Party Identification	O	1	
LOOP ID - 0331					10
1900	LM	Code Source Information	O	1	
2000	LQ	Industry Code Identification	M	100	
LOOP ID - 0340					>1
2050	FA1	Type of Financial Accounting Data	O	1	
2060	FA2	Accounting Data	M	>1	
2100	SE	Transaction Set Trailer	O	1	

980 - Functional Group Totals

FUNCTIONAL GROUP=
SUBCOMMITTEE=

This X12 Transaction Set contains the format and establishes the data contents of the Functional Group Totals Transaction Set (980) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit selected totals and accumulated totals for each type of transaction set contained in a functional group.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BT1	Batch Totals	M	10	
0400	SE	Transaction Set Trailer	M	1	

990 - Response to a Load Tender

FUNCTIONAL GROUP=**GF**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Response to a Load Tender Transaction Set (990) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide general information relative to a specific shipment. The Response to a Load Tender is used as the response to a Motor Carrier Load Tender Transaction Set (204) which has been used as a load tender.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	B1	Beginning Segment for Booking or Pickup/Delivery	M	1	
0300	L11	Business Instructions and Reference Number	O	2	
0700	SE	Transaction Set Trailer	M	1	

993 - Secured Receipt or Acknowledgment

FUNCTIONAL GROUP=**NR**
SUBCOMMITTEE=**C**

This X12 Transaction Set contains the format and establishes the data contents of the Secured Receipt or Acknowledgment Transaction Set (993) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set provides three distinct security services: the 993 provides security protocol error reporting, non-repudiation of receipt for X12.58 authenticated transaction sets or functional groups, and transmission of authentication independent of the document for which the authentication is rendered. When the 993 is used to pass a dis-embodied signature (non-repudiation of origin), both the transaction set and the 993 with the assurance for the transaction set may be transmitted completely independent of each other. A 993 may be generated as a 'trusted receipt' for a 993 that contained a dis-embodied signature.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
N	0100	ST	Transaction Set Header	M	1	
	0200	AK1	Functional Group Response Header	M	1	
	0300	AK2	Transaction Set Response Header	O	1	
NN	0400	SPE	Security Protocol Error	O	1	
NN	0500	APE	Assurance Protocol Error	O	1	
LOOP ID - S4A						2
N	0600	S4A	Assurance Header Level 2	O	1	
	0700	SVA	Security Value	O	1	
	0800	SE	Transaction Set Trailer	M	1	

Notes

1/0100 A 993 used to report a security protocol or assurance protocol error shall not be acknowledged, thereby preventing an endless cycle of acknowledgments of acknowledgments.

1/0400 A single 993 can report only security protocol or assurance protocol errors; therefore only one SPE or APE segment can occur per transaction.

1/0400 At least one occurrence of the SPE, APE, or S4A loop must be used.

1/0500 A single 993 can report only security protocol or assurance protocol errors; therefore only one SPE or APE segment can occur per transaction.

1/0500 At least one occurrence of the SPE, APE, or S4A loop must be used.

1/0600 At least one occurrence of the SPE, APE, or S4A loop must be used.

1/0600 When two iterations of the S4A loop are used, the first iteration shall contain the assurance (digital signature) and the second iteration shall be used for a trusted time stamp.

996 - File Transfer

FUNCTIONAL GROUP=**FT**
SUBCOMMITTEE=**C**

This X12 Transaction Set contains the format and establishes the data contents of the File Transfer Transaction Set (996) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to transmit file information in formats agreed to by the sending and receiving parties. This transaction set is not intended to replace or bypass the use of existing X12 transaction sets to accommodate internal applications. The transaction set is solely intended for the exchange of formatted electronic accounting machine (EAM), 80 column card images.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	BGF	Beginning Segment for File Transfer Information	M	1	
0300	K3	File Information	M	>1	
0400	SE	Transaction Set Trailer	M	1	

997 - Functional Acknowledgment

FUNCTIONAL GROUP=**FA**
SUBCOMMITTEE=**C**

This X12 Transaction Set contains the format and establishes the data contents of the Functional Acknowledgment Transaction Set (997) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to define the control structures for a set of acknowledgments to indicate the results of the syntactical analysis of the electronically encoded documents. The encoded documents are the transaction sets, which are grouped in functional groups, used in defining transactions for business data interchange. This standard does not cover the semantic meaning of the information encoded in the transaction sets.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
NNN	0100	ST	Transaction Set Header	M	1	
NNN	0200	AK1	Functional Group Response Header	M	1	
LOOP ID - AK2						>1
N	0300	AK2	Transaction Set Response Header	O	1	
LOOP ID - AK3						>1
C	0400	AK3	Data Segment Note	O	1	
	0500	AK4	Data Element Note	O	99	
	0600	AK5	Transaction Set Response Trailer	M	1	
	0700	AK9	Functional Group Response Trailer	M	1	
	0800	SE	Transaction Set Trailer	M	1	

Notes

1/0100 Only one acknowledgement can be sent for each functional group. The acknowledgment can be either a single Transaction Set 997 or a single Transaction Set 999 as mutually agreed upon by the trading partners. Different Functional Groups may have different acknowledgements, e.g. some Functional Groups, within the same interchange, may be acknowledged with the 997 and others with the 999.

1/0100 There is only one Functional Acknowledgment Transaction Set per acknowledged functional group.

1/0100 These acknowledgments shall not be acknowledged, thereby preventing an endless cycle of acknowledgments of acknowledgments. Nor shall a Functional Acknowledgment be sent to report errors in a previous Functional Acknowledgment.

1/0200 AK1 is used to respond to the functional group header and to start the acknowledgment for a functional group. There shall be one AK1 segment for the functional group that is being acknowledged.

1/0200 The Functional Acknowledgement is generated at the point of translation, intended for the originator (not any intermediate parties).

1/0200 The Functional Group Header Segment (GS) is used to start the envelope for the Functional Acknowledgment Transaction Sets. In preparing the functional group of acknowledgments, the application sender's code and the application receiver's code, taken from the functional group being acknowledged, are exchanged; therefore, one acknowledgment functional group responds to only those functional groups from one application receiver's code to one application sender's code.

1/0300 AK2 is used to start the acknowledgment of a transaction set within the received functional group. The AK2 segments shall appear in the same order as the transaction sets in the functional group that has been received and is being acknowledged.

Comments

1/0400 The data segments of this standard are used to report the results of the syntactical analysis of the functional groups of transaction sets; they report the extent to which the syntax complies with the standards or proper subsets of transaction sets and functional groups. They do not report on the semantic meaning of the transaction sets (for example, on the ability of the receiver to comply with the request of the sender).

998 - Set Cancellation

FUNCTIONAL GROUP=**AL**
SUBCOMMITTEE=**I**

This X12 Transaction Set contains the format and establishes the data contents of the Set Cancellation Transaction Set (998) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to request the deletion of a previously transmitted transaction set and will indicate the reason for this action, such as diversion or cancelled bill.

Table 1

POS	ID	NAME	REQ	MAX	REPEAT
0100	ST	Transaction Set Header	M	1	
0200	ZD	Transaction Set Deletion - ID, Reason, and Source	M	1	
0300	SE	Transaction Set Trailer	M	1	

999 - Implementation Acknowledgment

FUNCTIONAL GROUP=**FA**
SUBCOMMITTEE=**C**

This X12 Transaction Set contains the format and establishes the data contents of the Implementation Acknowledgment Transaction Set (999) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to define the control structures for a set of acknowledgments to indicate the results of the syntactical and relational analysis of the electronically encoded documents, based upon a full or implemented subset of X12 transaction sets. The encoded documents are the transaction sets, which are grouped in functional groups, used in defining transactions for business data interchange. This standard does not cover the semantic meaning of the information encoded in the transaction sets.

Table 1

	POS	ID	NAME	REQ	MAX	REPEAT
NNN	0100	ST	Transaction Set Header	M	1	
NNN	0200	AK1	Functional Group Response Header	M	1	
LOOP ID - AK2						>1
N	0300	AK2	Transaction Set Response Header	O	1	
LOOP ID - IK3						>1
C	0400	IK3	Implementation Data Segment Note	O	1	
	0500	CTX	Context	O	10	
LOOP ID - IK4						>1
	0600	IK4	Implementation Data Element Note	O	1	
N	0700	CTX	Context	O	10	
N	0800	IK5	Implementation Transaction Set Response Trailer	M	1	
	0900	AK9	Functional Group Response Trailer	M	1	
	1000	SE	Transaction Set Trailer	M	1	

Notes

1/0100 Neither the 997 nor the 999 Acknowledgment shall be acknowledged, thereby preventing an endless cycle of acknowledgments. Nor shall an Implementation Acknowledgment be sent to report errors in a previous Implementation Acknowledgment.

1/0100 Only one acknowledgement can be sent for each functional group. The acknowledgment can be either a single Transaction Set 997 or a single Transaction Set 999 as mutually agreed upon by the trading partners. Different Functional Groups may have different acknowledgements, e.g. some Functional Groups, within the same interchange, may be acknowledged with the 997 and others with the 999.

1/0100 There is only one Implementation Acknowledgment Transaction Set per acknowledged functional group.

1/0200 AK1 is used to respond to the functional group header and to start the acknowledgment for a functional group. There shall be one AK1 segment for the functional group that is being acknowledged.

1/0200 The Functional Group Header Segment (GS) is used to start the envelope for the Implementation Acknowledgment Transaction Sets. In preparing the functional group of acknowledgments, the application sender's code and the application receiver's code, taken

from the functional group being acknowledged, are exchanged; therefore, one acknowledgment functional group responds to only those functional groups from one application receiver's code to one application sender's code.

1/0200 The Implementation Acknowledgement is generated at the point of translation, intended for the originator (not any intermediate parties).

1/0300 AK2 is used to start the acknowledgment of a transaction set within the received functional group. The AK2 segments shall appear in the same order as the transaction sets in the functional group that has been received and is being acknowledged.

1/0700 The CTX Segment shall be used to disambiguate a reported error that is dependent on context.

1/0800 If any implementation guide errors have been reported in IK3 or IK4, then code I5 shall be reported in the IK5 Segment.

Comments

1/0400 The data segments of this standard are used to report the results of the syntactical analysis of the functional groups of transaction sets; they report the extent to which the syntax complies with the standards or proper subsets of transaction sets and functional groups as expressed in compliant implementation guides. They do not report on the semantic meaning of the transaction sets (for example, on the ability of the receiver to comply with the request of the sender).

Introduction to Segments

This introduction is not part of this standard and is provided for information only.

Scope

This section provides the definitions and specifications of the segments used in the construction of transaction sets developed by ASC X12.

Terms and Definitions

X12.6 Application Control Structure contains the formal definitions of terms related to electronic data interchange and ASC X12 Standards. The following definitions are consistent with those formal definitions and are provided in shortened form to aid in the understanding of this section.

Data Segment

A segment is the intermediate unit of information in a transaction set. Segments consist of logically related data elements in a defined sequence. Segments have a unique segment identifier that comprises the first characters of the segment. When segments are combined to form a transaction set, their relationship to the transaction set is defined by a segment requirement designator and a segment sequence. Some segments may be repeated, and groups of segments may be repeated as loops.

Segment Identifier

Each segment has a unique identifier composed of a combination of two or three letters or digits. This section specifies each segment's ID.

Segment Name

This section specifies each segment's name.

Purpose

Each segment is assigned a unique purpose as specified in this section.

Used In Reference

The transaction sets in which the segments are used are listed under the heading "Transaction Sets Used In," referenced by transaction set ID.

Data Element

A data element can represent a qualifier, a value, or text (such as a description). Each data element is assigned an identifier used for reference.

Data Element Position

Data elements are assigned a specific position within a segment.

Data Element Reference Designator

"REF" specifies the position assigned to each data element in a segment. The counting of positions starts with 01 for the first data element and is incremented by one to the end of the segment.

Data Element Identifier

"ID" specifies a unique identifier composed of a combination of one to four digits for simple data elements as assigned in the Data Element Dictionary - Simple Data Elements. If the ID begins with a "C," this indicates that the data element is a composite data structure. Refer to Data Element Dictionary - Composite Data Elements.

Data Element Name

"NAME" specifies the data element's name as assigned in the Data Element Dictionary - Simple Data Elements or Data Element Dictionary - Composite Data Elements.

Repetition Designator

"RPT" specifies that an element's repeat may be one, indicating the simple data element or composite data structure may occur no more than once, or contain a specific value greater than one, indicating the maximum number of occurrences of the simple data element or composite data structure.

Attributes

"ATTRIBUTES" specifies aditional information concerning the data element at the specified position.

Condition Designator

A data element is assigned one of the following three condition designators specifying its need to appear within the segment. The condition designators shown below are each followed by their code abbreviation in parentheses.

1. Mandatory (M)

This element is required to appear in the segment.

2. Relational (X)

See Relational Conditions.

3. Optional (O)

The appearance of this data element is at the option of the sending party or is based on the mutual agreement of the interchange parties.

Relational Conditions

Relational conditions may exist between two or more data elements within a segment based on the presence or absence of one of those data elements (presence means a data element must not be empty). Relational conditions are specified by a condition code and the identity of the subject elements.

Within a segment, the existence of a relational condition is indicated by the designator "X" in the attributes column.

The relational condition is displayed under the heading "Syntax Notes." The number on the left identifies the reference designator of the first data element of the relational condition. A statement of the conditional relation is provided in two forms: a code and verbiage to explain the code.

The code is constructed using an uppercase letter (P, R, E, C, or L) followed by the two-digit number of the data element reference designator for each data element included in the relational condition. For example, P0102 represents a paired relation between the first and second data elements of the segment.

The codified relation statement is constructed as follows. The first character represents one of the following relations.

CODE
CONDITION
REQUIREMENT

P
Paired or Multiple
If any data element specified is present, then all must be present.

R
Required
At least one of the data elements specified must be present.

E
Exclusion
No more than one of the data elements specified may be present.

C
Conditional
If the first data element specified is present, then all others must be present. However, any or all data elements not specified as the first may appear without requiring that the first data element be present.

L
List Conditional
If the first data element specified is present, then at least one of the others must be present. However, any or all data elements not specified as the first may appear without requiring that the first data element be present.

Notes and Comments

Where syntax and semantic notes appear under the segment they are considered part of the standard. Where comments are included, they are not considered part of the standard. Multiple notes and comments could appear for the same data element.

Syntax Notes

Dependencies based on the presence or absence of other data elements, such as a weight and its unit of measure, are shown as syntax notes. Other types of syntactic notes may also appear. This type of note defines a syntactical relationship and, therefore, is considered to be part of the standard.

Semantic Note Designator (Z)

A data element within a segment may have a designator ("Z") that indicates the existence of a semantic note. Such a note provides important additional information about the intended meaning of the data element in the context of its use within the segment. The note may also define a relationship among data elements based on the presence of one or more values in one of the data elements. Semantic notes are considered part of the standard.

If a condition designator and a semantic note both affect a single data element, the condition will appear first, separated from the semantic note designator by a slash separator bar (/).

Semantic notes that are general in nature are identified by the designator "00" to the left of the note.

Comments

Comments are provided to clarify or aid in understanding the intended use of the segment. Comments are not considered part of the standard. Comments that are general in nature are identified by the designator "00" to the left of the comment.

Where reference is made to a Figures Appendix, refer to the Figures section of this publication.

Restricted Segments

Restricted segments are used for managing electronic data interchange and are not used in business application transaction sets. These segments are indicated in the Segment Directory by a shaded notation identifying them as either "Management" or "Control" segments.

Deletions

Segments approved for deletion effective for this release, appear as flagged entities until the next annual release and will subsequently be removed at that version release.

Segments

AAA - Request Validation
ACD - Account Description
ACK - Line Item Acknowledgment
ACS - Ancillary Charges
ACT - Account Identification
AD1 - Adjustment Amount
ADI - Animal Disposition
ADJ - Adjustments to Balances or Services
ADT - Animal Parturition Status
ADV - Advertising Demographic Information
ADX - Adjustment
AEI - Equipment Information Summary
AES - Automatic Equipment Identification Site Information
AIN - Income
AK1 - Functional Group Response Header
AK2 - Transaction Set Response Header
AK3 - Data Segment Note
AK4 - Data Element Note
AK5 - Transaction Set Response Trailer
AK9 - Functional Group Response Trailer
ALG - Allergen
AM1 - Informational Values
AMT - Monetary Amount Information
ANI - Animal Identification
AOC - Animal Offspring Counts
AOI - Animal Offspring/Fetus Identification

AOL - Animal Observation Location
AOR - Animal Observation Result
AP1 - Alternate Parts
APE - Assurance Protocol Error
API - Activity or Process Information
APR - Association of American Railroads Pool Code Restrictions
ARC - Animal Results Counts
ARS - Applicant Residence Specifics
ASI - Action or Status Indicator
ASL - Asset Liability
ASM - Amount and Settlement Method
ASO - Asset Ownership
AST - Animal Reproductive Status
AT1 - Bill of Lading Line Item Number
AT2 - Bill of Lading Line Item Detail
AT3 - Bill of Lading Rates and Charges
AT4 - Bill of Lading Description
AT5 - Bill of Lading Handling Requirements
AT6 - International Manifest Information
AT7 - Shipment Status Details
AT8 - Shipment Weight, Packaging and Quantity Data
AT9 - Trailer or Container Dimension and Weight
ATA - Beginning Segment for Motor Carrier Delivery Trailer Manifest
ATH - Resource Authorization
ATN - Attendance
ATR - Animal Test Result
ATV - Student Activities and Awards

AVA - Funds Availability
AWD - Amount with Description
AXL - Vehicle Axle Measurements
B1 - Beginning Segment for Booking or Pickup/Delivery
B10 - Beginning Segment for Transportation Carrier Shipment Status Message
B11 - Beginning Segment for Shipment Status Inquiry
B12 - Beginning Segment for Consolidation of Goods In Container
B13 - Beginning Segment for Appointment Schedule
B2 - Beginning Segment for Shipment Information Transaction
B2A - Set Purpose
B3 - Beginning Segment for Carrier's Invoice
B3A - Invoice Type
B3B - Beginning Segment for Rail Carrier's Invoice
B4 - Beginning Segment for Inquiry or Reply
B9 - Beginning Segment for Logistics Services
B9A - Service Request
BA1 - Export Shipment Identifying Information
BA2 - Beginning Segment for Cargo Terminal Information
BAA - Beginning Segment for Product Transfer Account Adjustment
BAK - Beginning Segment for Purchase Order Acknowledgment
BAL - Balance Detail
BAT - Batch
BAU - Beginning Segment for the Debit Authorization
BAX - Beginning Segment for Advance Consist and Transportation Automatic Equipment ID
BBC - Legal Claims
BC - Beginning Segment for Contract Completion Status
BCA - Beginning Segment for Purchase Order Change Acknowledgment

BCD - Beginning Credit/Debit Adjustment
BCH - Beginning Segment for Purchase Order Change
BCI - Basic Claim Information
BCM - Beginning Segment for Contractor Cost Data Reporting
BCO - Beginning Segment for Procurement Notices
BCP - Beginning Segment for Contract Pricing Proposal
BCQ - Beginning Segment for Shipper's Car Order
BCS - Beginning Segment for Project Cost Reporting
BCT - Beginning Segment for Price/Sales Catalog
BCU - Legal Claim Updates
BDD - Beginning Segment for Shipment Delivery Discrepancy Information
BDS - Binary Data Structure
BEG - Beginning Segment for Purchase Order
BEN - Beneficiary or Owner Information
BEP - Borrower Education Program
BER - Beer Information
BFR - Beginning Segment for Planning Schedule
BFS - Borrower Financial Summary
BGF - Beginning Segment for File Transfer Information
BGN - Beginning Segment
BGP - Beginning Segment for Problem Log Inquiry or Advice
BHT - Beginning of Hierarchical Transaction
BIA - Beginning Segment for Inventory Inquiry/Advice
BIG - Beginning Segment for Invoice
BIN - Binary Data Segment
BIX - Beginning Segment for Automotive Inspection
BJF - Beginning Segment Railroad Junctions and Interchanges Update Activity

BL - Billing Information
BLI - Basic Baseline Item Data
BLN - Balance Information
BLR - Transportation Carrier Identification
BLS - Beginning Segment for Asset Schedule
BMA - Beginning Segment for Market Development Fund Allocation
BMG - Beginning Segment For Text Message
BMM - Beginning Segment for Multilevel Railcar Load Details Transaction
BMP - Beginning Segment for Market Development Fund Settlement
BMS - Beginning Segment For Material Safety Data Sheet
BNR - Beginning Segment For Nonconformance Report
BNX - Rail Shipment Information
BOL - Beginning Segment for the Motor Carrier Bill of Lading
BOR - Beginning of Report
BOS - Beginning Segment for Joint Interest Billing and Operating Expense Statement
BOX - Box Office Detail
BPA - Beginning Segment for Price Authorization Acknowledgment/Status
BPP - Beginning Segment for Project Schedule Reporting
BPR - Beginning Segment for Payment Order/Remittance Advice
BPT - Beginning Segment for Product Transfer and Resale
BQR - Beginning Segment for Response to Request for Quotation
BQT - Beginning Segment for Request for Quotation
BR - Beginning Segment for Material Management
BRA - Beginning Segment for Receiving Advice or Acceptance Certificate
BRC - Beginning Segment for Response to Product Transfer Account Adjustment
BRR - Beginning Segment for Railroad Mark Register Update Activity
BSC - Beginning Segment for Commission Sales Report and Periodic Compensation

BSD - Breakdown Structure Description
BSF - Business Function
BSI - Beginning Segment for Order Status Inquiry
BSN - Beginning Segment for Ship Notice
BSR - Beginning Segment for Order Status Report
BSS - Beginning Segment for Shipping Schedule/Production Sequence
BSW - Beginning Segment for Carrier's Services Settlement
BT1 - Batch Totals
BTA - Beginning Tax Acknowledgment
BTC - Beginning Segment for Parameter Trace Registration
BTI - Beginning Tax Information
BTP - Beginning Segment For Trading Partner Profile
BTR - Beginning Segment for Test Results
BTS - Beginning Segment for Train Sheets
BUY - Loan Buydown
BVA - Beginning Vehicle Advice
BVB - Beginning Segment for Vehicle Baying Order
BVI - Beverage Information
BVP - Beginning Segment for Vehicle Shipping Order
BVS - Beginning Segment for Vehicle Service
BW - Beginning Segment for Weight Message Set
BX - General Shipment Information
C2 - Bank ID
C3 - Currency Identifier
C4 - Alternate Amount Due
C8 - Certifications and Clauses
C8C - Certifications Clauses Continuation

CA1 - Rate Request Identifier
CAD - Carrier Details
CAI - Civil Action Income
CAL - Calendar
CAS - Claims Adjustment
CAT - Category of Patient Information Service
CB1 - Contract and Cost Accounting Standards Data
CBS - Cost Breakdown Structure
CCI - Credit Counseling Information
CD - Shipment Conditions
CD1 - Cargo Detail
CD2 - Multi-Valued Characteristics
CD3 - Carton (Package) Detail
CDA - Consumer Credit Account
CDD - Credit/Debit Adjustment Detail
CDI - Change Detail Information
CDS - Case Description
CED - Administration of Justice Event Description
CER - Certification
CF1 - Beginning Segment for Summary Freight Bill Manifest
CF2 - Summary Freight Bill Detail
CFI - Compensation Financial Information
CFT - Cost Reporting Format Type
CGS - Charge
CHB - Chargeback Information
CHI - Cheese Information
CHR - Car Hire Rates

CI - Carrier Interchange Agreement
CIC - Car Information Control
CID - Characteristic/Class ID
CII - Conveyance Insurance Information
CIV - Civil Action Liability
CL1 - Claim Codes
CLD - Load Detail
CLI - Cost Line Item
CLM - Health Claim
CLP - Claim Level Data
CLR - Car Location Routing Request
CM - Cargo Manifest
CMA - Cooperative Market Agreement
CMC - Commodity Classification
CN1 - Contract Information
CNP - Cannabis Product Information
COB - Coordination of Benefits
COD - Channel of Distribution
COI - Container Information
COM - Communication Contact Information
CON - Contract Number Detail
CPI - Claimant Payment Information
CPL - Program Information
CPM - Customs Profile Management Information
CPR - Commodity Price Reference
CQ - Credentials and Qualifications
CR1 - Ambulance Certification

CR2 - Chiropractic Certification
CR3 - Durable Medical Equipment Certification
CR4 - Enteral or Parenteral Therapy Certification
CR5 - Oxygen Therapy Certification
CR6 - Home Health Care Certification
CR7 - Home Health Treatment Plan Certification
CR8 - Implant Certification
CRC - Conditions Indicator
CRD - Content Reporting Detail
CRI - Claim Report Information
CRO - Credit Report Order Details
CRS - Course Record
CRT - Contractor Report Type
CS - Contract Summary
CSB - Cryptographic Service Message Body
CSC - Cryptographic Service Message Certificates and Keys
CSD - Consolidated Shipment Invoice Data
CSE - Educational Course Information
CSF - Conditional Sampling Frequency
CSH - Sales Requirements
CSI - Claim Status Information
CSM - Cryptographic Service Message Header
CSS - Conditional Sampling Sequence
CST - Cost Analysis
CSU - Supplemental Course Data
CT - Car Type
CTB - Restrictions/Conditions

CTC - Car Hire Transaction Control
CTH - Beginning Segment for Contract Transaction Set
CTI - Cannabinoid Type Information
CTP - Pricing Information
CTT - Transaction Totals
CTX - Context
CUR - Currency
CV - Cycle/Summary Value
CYC - Car Hire Cycle
D9 - Destination Station
DAD - Debit Authorization Detail
DAI - Appendix Information
DAM - Damage Information
DAY - Dairy and Non-Dairy Alternative Information
DB - Disbursement Information
DD - Demand Detail
DDI - Explanation
DED - Deductions
DEF - Delayed Repayment
DEG - Degree Record
DEL - Delivery Logistics
DEP - Deposit
DET - Diet Information
DEX - Delivery Execution Information
DFI - Default Information
DH - Dealer Hours
DIS - Discount Detail

DK - Docket Header
DL - Auto Claim Detail - Labor
DLP - Delivery Parameter
DLV - Deliverable Information
DM - Demurrage/Detention/ Storage Rate
DMA - Additional Demographic Information
DMG - Demographic Information
DMH - Extended Demographic Information
DMI - Data Maintenance Information
DN - Dealer Effectivity
DN1 - Orthodontic Information
DN2 - Tooth Summary
DOS - Definition of Share
DP - Auto Claim Detail - Parts
DPN - Dependent Information
DR - Docket Range
DRA - Drug Authorization
DRT - Car Hire Rate Detail
DSB - Disability Information
DTM - Date/Time Reference
DTP - Date or Time or Period
DVI - Dynamic Vehicle Information
E01 - Electronic Form Main Heading
E03 - Interchange Order of Segments
E1 - Empty Car Disposition - Pended Destination Consignee
E10 - Transaction Set Grouping
E13 - Segment Order in Transaction Set

E20 - Segment Header Information
E22 - Data Element Relationships in a Segment or Composite
E24 - Data Element Sequence in a Segment or Composite
E30 - Data Element Attributes
E34 - Code List Values for a Data Element
E4 - Empty Car Disposition - Pended Destination City
E40 - EDI Standards Note Reference
E41 - Composite Header Information
E5 - Empty Car Disposition - Pended Destination Route
E6 - Advance Car Disposition
E8 - Blocking and Response Information
EA - Equipment Attributes
EB - Eligibility or Benefit Information
EC - Employment Class
ECS - Fees and Payment Schedule
ED - Equipment Description
EDF - Educational Fee Information
EFI - Electronic Format Identification
EI - Automatic Equipment Identification
EIA - Beginning Segment for Equipment Inquiry or Advice
ELV - Employee Leave Summary
EM - Equipment Characteristics
EMP - Employer
EMS - Employment Position
EMT - Employment
ENE - Electronic Systems Environment
ENM - School Enrollment Data

ENR - School Enrollment Information
ENT - Entity
EQ - Eligibility or Benefit Inquiry
EQD - EQD Equipment Damage Information
ER - Rail Event Reporting
ERI - Entity Relationship
ERP - Educational Record Purpose
ES - Equipment Status
ESI - Employment Status Information
ETD - Excess Transportation Detail
EVI - Event Inquiry Reason Information
EVN - Occurrence/Encounter Event Verification Identifier
EXI - Excavation Ticket Information
F01 - Identification of Claim (Claimant Originated)
F02 - Identification of Shipment
F04 - Weight/Volume Loss
F05 - Allowance/Charge (Claim)
F07 - Auto Claim Detail
F09 - Detail - Supporting Evidence for Claim
F10 - Identification of Claim (Tracer)
F11 - Status
F12 - Basic Claim Information - Automotive
F13 - Payment Information
F14 - Line Item Reject
F6X - Identification (Automotive)
F9 - Origin Station
FA1 - Type of Financial Accounting Data

FA2 - Accounting Data
FAA - Financial Asset Account
FAC - Facing Direction
FBB - Foreign and Industry Business
FC - Financial Contribution
FCL - Foreclosure
FDA - Facility Description
FGS - Form Group
FH - Family History
FIR - Financial Information
FIS - Mortgage Loan Fiscal Data
FK - Factor
FNA - Financial Status Information
FOB - F.O.B. Related Instructions
FOS - Field of Study
FPI - Farming and Processing Information
FPT - Financial Participation
FQR - Forecast Parameters
FRM - Supporting Documentation
FSA - Tax Advantage Account
FSH - Fish, Seafood, and Marine Life Product Information
FST - Forecast Schedule
FTH - First Time Home Buyer
FU1 - Bracket Information
FU2 - Deal Value
FU3 - Product Detail
FU4 - Product Pack Detail

FU5 - Co-Product Information
FX2 - Product Classification
FX3 - Product Information
FX4 - Equipment Information
FX5 - Services Information
FX6 - Brand Label
FX7 - Pack and Size
G01 - Invoice Identification
G05 - Total Shipment Information
G07 - Carrier Information
G08 - Pallet Receipt Disposition
G1 - Shipment Type Information
G11 - Coupon Reporting Specifications
G12 - Coupon Physical Characteristics
G13 - Store Size Attributes
G14 - Coupon Special Processing
G15 - Coupon Distribution
G17 - Item Detail - Invoice
G18 - Store Category Size
G19 - Line Item Detail - Quantity/Unit of Measure/Price Differences
G2 - Beyond Routing
G20 - Item Packing Detail
G21 - Product Information
G22 - Pre-Pricing Information
G23 - Terms of Sale
G24 - Promotion Reference
G25 - F.O.B. Information

G26 - Pricing Conditions
G28 - Line Item Numbers
G29 - Store Display Information
G3 - Compensation Information
G30 - Retail Account Marketing Types
G31 - Total Invoice Quantity
G32 - Survey Question Response
G33 - Total Dollars Summary
G35 - Advertising Feature Information
G36 - Price List Reference
G37 - Labor Activity
G38 - Claim Payment Information
G39 - Item Characteristics - Vendor's Selling Unit
G4 - Scale Identification
G40 - Bracket Price
G42 - Promotion Announcement Identification
G43 - Promotion/Price List Area
G45 - Line Item Detail - Promotion
G46 - Promotion Allowance/Charge
G47 - Statement Identification
G48 - Statement/Invoice Identification
G49 - Statement Total
G5 - Scale Information
G50 - Purchase Order Identification
G51 - Free Goods/Product Condition
G53 - Maintenance Type
G54 - Module Description

G55 - Item Characteristics - Consumer Unit
G61 - Contact
G62 - Date/Time
G63 - Period
G66 - Transportation Instructions
G68 - Line Item Detail - Product
G69 - Line Item Detail - Description
G70 - Line Item Detail - Miscellaneous
G72 - Allowance or Charge
G73 - Allowance or Charge Description
G76 - Total Purchase Order
G82 - Delivery/Return Base Record Identifier
G83 - Line Item Detail/Direct Store Delivery
G84 - Delivery/Return Record of Totals
G85 - Record Integrity Check
G86 - Signature Identification
G87 - Delivery/Return Adjustment Identification
G88 - Delivery/Return Identification Adjustment
G89 - Line Item Detail - Adjustment
G91 - Price Change Status
G92 - Purchase Order Change Type
G93 - Price Bracket Identification
G94 - Promotion Conditions
G95 - Performance Requirements
GA - Canadian Grain Information
GDP - General Dosing Parameters
GE - Functional Group Trailer

GF - Furnished Goods and Services
GH - Group Header
GID - Group Identification
GR - Guarantee Result Detail
GR2 - Train Data
GR4 - Loading Cluster
GR5 - Loading Details
GRI - Statistical Government Information
GRP - Group Dosage Parameters
GS - Functional Group Header
GY - Geography
H1 - Hazardous Material
H2 - Additional Hazardous Material Description
H3 - Special Handling Instructions
H5 - Car Service Order
H6 - Special Services
HAD - Hospital Affiliation Detail
HC - Health Condition
HCP - Health Care Pricing
HCR - Health Care Services Review
HD - Health Coverage
HI - Health Care Information Codes
HL - Hierarchical Level
HLH - Health Information
HPL - Health Care Provider License
HS - Health Screening
HSD - Health Care Services Delivery

IA - Interconnect Mailbag Acknowledgment
IC - Intermodal Chassis Equipment
ICH - Individual Characteristics
ICM - Individual Income
ID - Inspection Detail Segment
ID1 - Item Detail Dimensions
ID2 - Item Image Detail
ID3 - Dimensions Detail
ID4 - Load Details
IDB - Indebtedness for Student Loans
IDC - Identification Card
IEA - Interchange Control Trailer
IGI - Insurer or Guarantor Information
IH - Interconnect Mailbag Header
III - Information
IIS - Interchange Identification Segment
IK3 - Implementation Data Segment Note
IK4 - Implementation Data Element Note
IK5 - Implementation Transaction Set Response Trailer
IM - Intermodal Movement Information
IMA - Interchange Move Authority
IMC - Interconnect Mailbag Client Exchange Header
IMM - Immunization Status
IMP - Impairment Detail
IN1 - Individual Identification
IN2 - Individual Name Structure Components
INC - Installment Information

IND - Additional Individual Demographic Information
ING - Ingredients
INI - Incorporation Information
INP - Insurance Policy Additions and Peril Coverages
INQ - Credit Inquiry Details
INR - Information Request
INS - Insured Benefit
INT - Interest
INV - Investment Vehicle Selection
INX - Index Detail
IPU - Insurance Policy Update Information
IRA - Investor Reporting Action
IRP - Report Selection Segment
IS1 - Estimated Time of Arrival and Car Scheduling
IS2 - Scheduled Events
ISA - Interchange Control Header
ISB - Grade of Service Request Segment
ISC - Interline Service Commitment Detail
ISD - Railroad Interline Service Definition Detail
ISE - Deferred Delivery Request Segment
ISI - Institutional Staff Information
ISR - Item Status Report
ISS - Invoice Shipment Summary
ISX - Interchange Syntax Extension
IT - Interconnect Mailbag Trailer
IT1 - Baseline Item Data (Invoice)
IT3 - Additional Item Data

IT8 - Conditions of Sale
ITA - Allowance, Charge or Service
ITC - Information Type and Comment Results
ITD - Terms of Sale/Deferred Terms of Sale
ITS - Item Selection
IV1 - Lane Estimates
IVT - Inventory Parameters
JCT - Railroad Junction Information
JID - Equipment Detail
JIL - Line Item Detail for the Operating Expense Statement
JIT - Just-In-Time Schedule
JL - Journal Identification
JS - Rail Junction Settlement Role Information
K1 - Remarks
K2 - Administrative Message
K3 - File Information
L0 - Line Item - Quantity and Weight
L1 - Rate and Charges
L10 - Weight Information
L11 - Business Instructions and Reference Number
L12 - Alternate Lading Description
L13 - Commodity Details
L1A - Billing Identification
L3 - Total Weight and Charges
L4 - Measurement
L5 - Description, Marks and Numbers
L7 - Tariff Reference

L8 - Line Item Subtotal
L9 - Charge Detail
LAD - Lading Detail
LC - Life Coverage
LC1 - Lane Commitments
LCD - Place/Location Description
LCT - Logistics Container Tracking Information
LDT - Lead Time
LE - Loop Trailer
LEP - EPA Required Data
LEQ - Leased Equipment Information
LET - Load and Equipment Type
LFG - Hazardous Information, Finished Goods
LFH - Free-form Hazardous Material Information
LFI - Beginning Segment for Locomotive Information
LH - Mixed Hazardous Commodities
LH1 - Hazardous Identification Information
LH2 - Hazardous Classification Information
LH3 - Hazardous Material Shipping Name Information
LH4 - Canadian Dangerous Requirements
LH6 - Hazardous Certification
LHE - Empty Equipment Hazardous Material Information
LHR - Hazardous Material Identifying Reference Numbers
LHT - Transborder Hazardous Requirements
LIC - License Information
LID - Loss Information Description
LIE - Individual or Event Location

LIN - Item Identification
LM - Code Source Information
LN - Loan Information
LN1 - Loan Specific Data
LN2 - Existing Real Estate Loan Specific Data
LOC - Location
LOD - Location Description
LP - Load Planning
LQ - Industry Code Identification
LRQ - Mortgage Characteristics Requested
LS - Loop Header
LS1 - Asset Item Identification
LSC - Location Scope Parameter
LT - Letter of Recommendation
LTE - Letter of Recommendation Evaluation
LTR - Laboratory Test Results
LUC - Loan Underwriting
LUI - Language Use
LV - Loan Verification
LX - Transaction Set Line Number
M0 - Letter of Credit Reference
M1 - Insurance
M10 - Manifest Identifying Information
M11 - Manifest Bill of Lading Details
M12 - In-bond Identifying Information
M13 - Manifest Amendment Details
M14 - General Order Status Information

M15 - Customs Events Advisory Details
M2 - Sales/Delivery Terms
M20 - Permit to Transfer Request Details
M21 - Supplementary In-Bond Information
M3 - Release
M7 - Seal Numbers
M7A - Seal Number Replacement
MAN - Marks and Numbers Information
MAP - Meat and Poultry Information
MBL - Bill of Lading
MC - Miscellaneous and Accessorial Charges
MCD - Mortgage Closing Data
MCT - Tariff Accessorial Charges
MCZ - Marine Catch Zone
MEA - Measurements
MI - Media Information
MI1 - Mileage Source
MIA - Inpatient Adjudication
MIC - Mortgage Insurance Coverage
MIR - Mortgage Insurance Response
MIS - Mortgagee Information Status
MIT - Message Identification
MKS - Marks Awarded
MLA - Mortgage Loan Audit Information
MLS - Milestone
MNC - Mortgage Note Characteristics
MOA - Outpatient Adjudication

MPI - Military Personnel Information
MPP - Mortgage Pool Program
MPT - Manufacturer Preparation Information
MRC - Mortgagor Response Characteristics
MS1 - Equipment, Shipment, or Real Property Location
MS2 - Equipment or Container Owner and Type
MS3 - Interline Information
MS4 - Shipment or Package Dimensions
MS5 - Shipment Rates and Charges
MS6 - Shipment Quantity and Weight
MSG - Message Text
MSI - Multi-stop Shipment Information
MSS - Material Safety Data Sheet Section Information
MTX - Text
N1 - Party Identification
N10 - Quantity and Description
N11 - Store Location
N12 - Equipment Environment
N2 - Additional Name Information
N21 - Equipment Registration Details
N3 - Party Location
N4 - Geographic Location
N5 - Equipment Ordered
N7 - Equipment Details
N7A - Accessorial Equipment Details
N7B - Additional Equipment Details
N8 - Waybill Reference

N8A - Additional Reference Information
N9 - Extended Reference Information
NA - Cross-Reference Equipment
NCA - Nonconformance Action
NCD - Nonconformance Description
NF1 - Nutrition Facts Panel
NF2 - Serving Size Statement
NF3 - Servings Per Container Statement
NF4 - Nutrition Facts Panel Calorie
NF5 - Nutrition Facts Panel Fats
NF6 - Nutrition Facts Panel Carbohydrates
NF7 - Nutrition Facts Panel Other Nutrients
NF8 - Nutrition Facts Panel Vitamins and Minerals
NFB - Nutrition Facts Panel Footer Calorie Diet
NFC - Nutrition Facts Panel Footer Calorie Diet Nutrient Amounts
NFD - Nutrition Facts Panel Footer Statement
NFE - Nutrition Facts Panel Product Name
NM1 - Individual or Organizational Name
NTE - Note/Special Instruction
NUT - Nuts Information
NX1 - Property or Entity Identification
NX2 - Location ID Component
OBI - Obligation Information
OD - Origin and Destination
OI - Other Health Insurance Information
OID - Order Information Detail
OOI - Associated Object Type Identification

OPS - Program Subject Area and Eligibility
OPX - Placement Criteria
OQS - Order Quantity Sequence
ORI - Object Reference Identification
OTI - Original Transaction Identification
P1 - Pickup
P2 - Delivery Date Information
P4 - Port Information
P5 - Port Function
PAD - Product Adjustment Detail
PAI - Print Advertisement Information
PAL - Pallet Type and Load Characteristics
PAM - Period Amount
PAS - Property Appraisal Summary
PAT - Patient Information
PBI - Problem Identification
PCL - Previous College
PCR - Payment Cancellation Request
PCS - Product Claim Status
PCT - Percent Amounts
PCU - Parameter for Clinical Use
PD - Pricing Data
PDD - Pricing Data Detail
PDE - Property Metes and Bounds Description
PDH - Pharmaceutical Drug Information
PDI - Practice Detail Information
PDL - Payment Details

PDP - Property Description - Personal
PDR - Property Description - Real
PDS - Property Description/Legal Description
PEN - Pension Information
PER - Administrative Communications Contact
PEX - Property or Housing Expense
PI - Price Authority Identification
PID - Product/Item Description
PIN - Previous Incident
PKD - Packaging Description
PKG - Marking, Packaging, Loading
PKL - Multi-Pack Configuration
PL - Proposal Cost Logic
PLA - Place or Location
PLB - Provider Level Adjustment
PLC - Equipment Placement Information
PLD - Pallet Shipment Information
PLI - Previous Loan Information
PM - Electronic Funds Transfer Information
PMP - Performance Measures
PO1 - Baseline Item Data
PO3 - Additional Item Detail
PO4 - Item Physical Details
PO5 - Expanded Item Physical Details
PO6 - Non-Packaged Item Physical Details
PO7 - Gift Container Physical Details
PO8 - Unmarked Trade Item Physical Details

POC - Line Item Change
POD - Proof of Delivery
PPA - Property Location
PPD - Payment Pattern Details
PPI - Policy Premium Payment Information
PPL - Price Support Data
PPR - Contract Party Restriction
PPY - Personal Property Description
PR - Product (Commodity)
PR1 - Price Request Parameter List 1
PR2 - Price Request Parameter List 2
PRC - Payment Rate Change
PRD - Mortgage Loan Product Description
PRF - Purchase Order Reference
PRI - External Reference Identifier
PRJ - Multifamily Housing Project
PRM - Basic Trace Parameters
PRR - Problem Report
PRS - Part Release Status
PRT - Part Disposition
PRV - Provider Information
PS - Protective Service Instructions
PS1 - Purchase Service
PSA - Partner Share Accounting
PSC - Product Service Contract
PSD - Physical Sample Description
PSG - Program Spend

PT - Patron
PTD - Product Transfer and Resale Detail
PTF - Property Transaction Financials
PTS - Property Tax Status
PUN - Beginning Segment for Motor Carrier Pickup Notification
PWK - Paperwork
PYD - Payroll Deduction
PYM - Payment Manner and Percentage
PYT - Historical Payment Terms
Q2 - Status Details (Ocean)
Q3 - Arrival Details
Q5 - Status Details
Q7 - Lading Exception Status
Q8 - Detail Delivery Exception Information
QTY - Quantity Information
R1 - Route Information (Air)
R11 - Beginning Segment for Trailer or Container Repair Billing
R12 - Work Order Information
R13 - Line Item Repair
R2 - Route Information
R2A - Route Information with Preference
R2B - Junctions and Proportions
R2C - Division Basis
R2D - Miscellaneous Charge
R3 - Route Information - Motor
R4 - Port or Terminal
R9 - Route Code Identification

RA - Rate Header
RAB - Rate or Minimum Qualifiers
RAP - Requirement, Attribute, and Proficiency
RAS - Reason Adjustment
RC - Root Cause
RCD - Receiving Conditions
RCR - Reporting Criteria
RD - Rate Data
RDD - Route Description Detail
RDI - Retail Account Demographic Information
RDM - Remittance Delivery Method
RDR - Return Disposition Reason
RDT - Revision Date/Time
REA - Real Estate Property Information
REC - Real Estate Condition
RED - Related Data
REF - Reference Information
REG - Regulatory Application
REL - Relationship
REN - Rate Request Information
REP - Repair Action
REQ - Request Information
RES - Real Estate Sales Price Change
RET - Real Estate Transaction
RIC - Financial Return
RLD - Down Payment Data
RLT - Real Estate Loan Type

RMR - Remittance Advice Accounts Receivable Open Item Reference
RMT - Remittance Advice
RO - Public Record or Obligation
RP - Retirement Product
RPA - Rate Amounts or Percents
RQS - Request for Information
RRA - Required Response
RRE - Contract Related Error Reporting
RS - Rate Subset
RSC - Resource
RSD - Residency Information
RST - Carrier Restriction
RT - Rate Destination
RT1 - Rate Detail
RTE - Rate Information
RTT - Freight Rate Information
RU1 - Retirement Board Detail
RU2 - Employing Carrier Response
RU3 - Employing Carrier Claim Profile
RYL - Royalty Payment
S1 - Stop-off Name
S2 - Stop-off Address
S3A - Assurance Header Level 1
S3E - Security Trailer Level 1
S3S - Security Header Level 1
S4A - Assurance Header Level 2
S4E - Security Trailer Level 2

S4S - Security Header Level 2
S5 - Stop-off Details
S9 - Stop-off Station
SA - Status Action
SAC - Service, Promotion, Allowance, or Charge Information
SAD - Student Award Detail
SAL - Salary Information
SB - Docket Level
SBI - Specific Benefit Information
SBR - Subscriber Information
SBT - Subtest
SC - Docket Sub-level
SCA - Statistical Category Analysis
SCD - Sales Commission Employee Detail
SCH - Line Item Schedule
SCL - Rate Basis/Scales
SCM - Credit Score Model
SCN - Beginning Segment for Cartage Work Assignment
SCP - Beginning Segment for a Cartage Work Assignment Response
SCR - Shipper's Car Ordered Rail
SCS - Credit Score
SCT - School Type
SD1 - Safety Data
SDP - Ship/Delivery Pattern
SDQ - Destination Quantity
SE - Transaction Set Trailer
SEF - Payment Handling

SER - Service Charges
SES - Academic Session Header
SFC - Storage Facility Characteristics
SG - Shipment Status
SHD - Shipment Detail
SHI - Security Holding Information
SHP - Shipped/Received Information
SHR - Railroad Interline Service Special Handling Restrictions
SI - Service Characteristic Identification
SID - Standard Transportation Commodity Code Identification
SII - Sales Item Information
SIN - Substance Use
SL1 - Tariff Details
SLA - School Accreditation and Licensing
SLI - Specific Loan Information
SLN - Subline Item Detail
SLS - Sales Parameters
SLV - Service Level
SMA - Station Address
SMB - Beginning Segment for Railroad Station Master File
SMD - Consolidated Shipment Manifest Data
SMO - Operational Services
SMR - Cross Reference
SMS - Station Codes Segment
SN1 - Item Detail (Shipment)
SOI - Source of Income
SOM - Status of Mortgage

SP - Special Program
SPA - Status of Product or Activity
SPE - Security Protocol Error
SPI - Specification Identifier
SPK - Specimen Kit Information
SPR - Supplier Rating
SPS - Sampling Parameters for Summary Statistics
SPT - Spirit and Liqueur Information
SPY - Scope of Power of Attorney
SR - Requested Service Schedule
SRE - Test Scores
SS - Docket Control Status
SSC - Beginning Segment for Service Commitment Advice
SSD - Shipment Sort Segregate Data
SSE - Entry and Exit Information
SSS - Product Special Services
SST - Student Academic Status
ST - Transaction Set Header
STA - Statistics
STC - Status Information
STP - Study Parameters
STS - Interchange Status Segment
SUM - Academic Summary
SUP - Supplementary Information
SV - Service Description
SV1 - Professional Service
SV2 - Institutional Service

SV3 - Dental Service
SV4 - Drug Service
SV5 - Durable Medical Equipment Service
SV6 - Anesthesia Service
SV7 - Drug Adjudication
SVA - Security Value
SVC - Service Information
SVD - Service Line Adjudication
SW - Switching Charges
SWC - Switching Conditions
SWD - Switching Details
SWR - Switching Rates
T1 - Transit Inbound Origin
T2 - Transit Inbound Lading
T3 - Transit Inbound Route
T6 - Transit Inbound Rates
T8 - Free-form Transit Data
TA - Tax Authority
TA1 - Interchange Acknowledgment
TA3 - Interchange Delivery Notice Segment
TAR - Target Market
TAX - Tax Reference
TBI - Trade Line Bureau Identifier
TBP - Frequency Basis
TC2 - Commodity
TCD - Itemized Call Detail
TD1 - Carrier Details (Quantity and Weight)

TD3 - Carrier Details (Equipment)
TD4 - Carrier Details (Special Handling, or Hazardous Materials, or Both)
TD5 - Carrier Details (Routing Sequence/Transit Time)
TDS - Total Monetary Value Summary
TDT - Tax Delinquency Status
TED - Technical Error Description
TEM - Pickup Totals
TER - Territory
TF - Tariff Information
TFR - Tariff Restrictions
TFS - Tax Form
THE - Screen Theater Identification
TI - Transport Information
TIA - Tax Information and Amount
TID - Task Identification
TII - Tax Installment Information
TIS - Title Insurance Services
TLN - Tradeline
TMD - Test Method
TOA - Type of Activity
TOO - Tooth Identification
TOV - Vehicle Use Information
TPB - Business Professional Title
TPD - Trading Partner Detail
TPP - Third Party Payment
TRD - Trade Item Ingredient Details
TRF - Rating Factors

TRL - Equipment Usage Information
TRN - Trace
TRP - Terpenes Information
TRS - Tax Rate
TRT - Trade Item Type
TS - Tariff Section
TS2 - Transaction Supplemental Statistics
TS3 - Transaction Statistics
TSD - Trailer Shipment Details
TSI - Automatic Equipment Tag Status Information
TSP - Test Period or Interval
TST - Test Score Record
TSU - Transaction Summary
TT - Term Text
TTI - Texture and Thickness Information
TUD - Trade Union Data
TXI - Tax Information
TXN - Transaction Capabilities
TXP - Tax Payment
UC - Underwriting Category
UCS - Underwriting Considerations
UD - Underwriting Status
UDA - Underwriting Condition
UIT - Unit Detail
UM - Health Care Services Review Information
UPI - Universal Product Identification
UQS - Underwriting Question

UR - Peer Review Organization or Utilization Review
USD - Usage-Sensitive Detail
USI - Unitized Shipment Information
UWI - Underwriting Information
V1 - Vessel Identification
V2 - Vessel Information
V3 - Vessel Schedule
V4 - Cargo Location Reference
V5 - Vessel Identification
V9 - Event Detail
VAD - Vehicle Advice Detail
VAR - Credit File Variation
VAT - Vehicle Attribute
VC - Motor Vehicle Control
VC1 - Vehicle Detail
VDI - Value Description or Information
VEH - Vehicle Information
VID - Conveyance Identification
VIT - Manufacturer Mineral, Vitamin, and Nutrient Declaration
VR - Rate Origin
VRC - Vehicle Recovery
W01 - Line Item Detail - Warehouse
W03 - Total Shipment Information (Warehouse)
W04 - Item Detail Total
W05 - Shipping Order Identification
W06 - Warehouse Shipment Identification
W07 - Item Detail For Stock Receipt

W08 - Receipt Carrier Information
W09 - Equipment and Temperature
W1 - Block Identification
W10 - Warehouse Additional Carrier Information
W12 - Warehouse Item Detail
W13 - Item Detail Exception
W14 - Total Receipt Information
W15 - Warehouse Adjustment Identification
W17 - Warehouse Receipt Identification
W18 - Probe Temperatures
W19 - Warehouse Adjustment Item Detail
W2 - Equipment Identification
W20 - Line Item Detail - Packing
W27 - Carrier Details (Warehouse)
W28 - Consolidation Information
W3 - Consignee Information
W4 - Consignor Information
W5 - Carrier and Route Information
W6 - Special Handling Information
W66 - Warehouse Carrier Information
W76 - Total Shipping Order
WIN - Wine Information
WLD - Workload Detail
WS - Work Schedule
X01 - Automated Manifest Archive Status Details
X02 - Automated Manifest Bills Eligible/Overdue Archive Details
X1 - Export License

X2 - Import License
X4 - Customs Release Information
X7 - Customs Information
XD - Placement/Pull Data
XH - Pro Forma - B13 Information
XPO - Preassigned Purchase Order Numbers
XQ - Reporting Date/Action
Y1 - Space Reservation Request
Y2 - Container Details
Y3 - Space Confirmation
Y4 - Container Release
Y5 - Space Booking Cancellation
Y6 - Authentication
Y7 - Cargo Booking Priority
YNQ - Yes/No Question
ZA - Product Activity Reporting
ZC1 - Beginning Segment for Data Correction or Change
ZD - Transaction Set Deletion - ID, Reason, and Source
ZR - Waybill Reference Identification
ZT - Waybill Request Information

AAA - Request Validation

To specify the validity of the request and indicate follow-up action authorized

TRANSACTION SETS USED IN

147 200 269 271 274 278 359 832 849

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	559	Agency Qualifier Code	1	O	ID	2/2
03	901	Reject Reason Code	1	O	ID	2/2
04	889	Follow-up Action Code	1	O	ID	1/1
05	1787	Error Reason Code	99	O	ID	2/2

Semantic Notes

01 AAA01 designates whether the request is valid or invalid. Code "Y" indicates that the code is valid; code "N" indicates that the code is invalid.

Comments

02 If AAA02 is used, AAA03 contains a code from an industry code list.

ACD - Account Description

To specify type of relationship between entity and vendor or financial institution

TRANSACTION SETS USED IN

155

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1636	Account Relationship Code	1	O	ID	1/2
02	650	Rating Remarks Code	1	O	ID	2/2
03	1262	Loan Type Code	1	O	ID	1/2

ACK - Line Item Acknowledgment

To acknowledge the ordered quantities and specify the ready date for a specific line item

TRANSACTION SETS USED IN
855 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	668	Line Item Status Code	1	M	ID	2/2
02	380	Quantity	1	X	R	1/15
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	374	Date/Time Qualifier	1	O	ID	3/3
05	373	Date	1	X	DT	8/8
06	326	Request Reference Number	1	O	AN	1/45
07	235	Product/Service ID Qualifier	1	X	ID	2/2
08	234	Product/Service ID	1	X	AN	1/80
09	235	Product/Service ID Qualifier	1	X	ID	2/2
10	234	Product/Service ID	1	X	AN	1/80
11	235	Product/Service ID Qualifier	1	X	ID	2/2
12	234	Product/Service ID	1	X	AN	1/80
13	235	Product/Service ID Qualifier	1	X	ID	2/2
14	234	Product/Service ID	1	X	AN	1/80
15	235	Product/Service ID Qualifier	1	X	ID	2/2
16	234	Product/Service ID	1	X	AN	1/80
17	235	Product/Service ID Qualifier	1	X	ID	2/2
18	234	Product/Service ID	1	X	AN	1/80
19	235	Product/Service ID Qualifier	1	X	ID	2/2
20	234	Product/Service ID	1	X	AN	1/80
21	235	Product/Service ID Qualifier	1	X	ID	2/2
22	234	Product/Service ID	1	X	AN	1/80
23	235	Product/Service ID Qualifier	1	X	ID	2/2
24	234	Product/Service ID	1	X	AN	1/80
25	235	Product/Service ID Qualifier	1	X	ID	2/2
26	234	Product/Service ID	1	X	AN	1/80
27	559	Agency Qualifier Code	1	X	ID	2/2
28	822	Source Subqualifier	1	X	AN	1/15
29	1271	Industry Code	1	X/Z	AN	1/30

Syntax Notes

02	P0203
04	C0405
07	P0708
09	P0910
11	P1112

13 P1314
15 P1516
17 P1718
19 P1920
21 P2122
23 P2324
25 P2526
27 P2728
28 C282729

Semantic Notes

29 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

ACS - Ancillary Charges

To identify additional charges and payment terms for shipment charges that may or may not be directly related to a line item

TRANSACTION SETS USED IN

104 110 215

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	610	Amount	1	M/Z	N2	1/15
02	150	Special Charge or Allowance Code	1	M	ID	3/3
03	352	Description	1	O	AN	1/80
04	146	Shipment Method of Payment Code	1	O	ID	2/2

Semantic Notes

01 ACS01 for a line item: is the freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified.

Comments

02 If ACS02 contains the value "999" (indicating Other), then ACS03 is required to identify the charge.

ACT - Account Identification

To specify account information

TRANSACTION SETS USED IN

148 186 198 201 248 252 255 267 268 273 274 821 822 833 834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	508	Account Number	1	M	AN	1/35
02	93	Name	1	O/Z	AN	1/60
03	66	Identification Code Qualifier	1	X	ID	1/2
04	67	Identification Code	1	X	AN	2/80
05	569	Account Number Qualifier	1	X	ID	1/3
06	508	Account Number	1	X	AN	1/35
07	352	Description	1	O/Z	AN	1/80
08	107	Payment Method Type Code	1	O	ID	1/2
09	1216	Benefit Status Code	1	O	ID	1/1

Syntax Notes

03	P0304
05	C0506
07	C0705

Semantic Notes

02	ACT02 is the name of the account in ACT01.
07	ACT07 is the name associated with the account identified in ACT06.

Comments

06	ACT06 is an account associated with the account in ACT01.
08	ACT08 indicates if the data for the account in ACT01 is used for billing or information purposes.

AD1 - Adjustment Amount

To specify the characteristics of an adjustment

TRANSACTION SETS USED IN

148 187 521 811 834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	426	Adjustment Reason Code	1	M	ID	2/2
02	782	Monetary Amount	1	O/Z	R	1/18
03	1129	Adjustment Reason Code Characteristic	1	O	ID	1/2
04	594	Frequency Code	1	O/Z	ID	1/1
05	9	Late Reason Code	1	O	ID	2/2

Semantic Notes

02 AD102 is the adjustment amount.

04 AD104 is frequency of the AD102 monetary amount.

ADI - Animal Disposition

To record the disposition of an individual animal

TRANSACTION SETS USED IN
249

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1606	Animal Disposition Code	1	M	ID	2/2
02	373	Date	1	M/Z	DT	8/8
03	1313	Test Period or Interval Value	1	X/Z	N0	1/6
04	344	Unit of Time Period or Interval Code	1	X	ID	2/2

Syntax Notes

03	P0304

Semantic Notes

02	ADI02 identifies the date of disposition or termination.
03	ADI03 identifies the dose day or interval on test of disposition or termination.

ADJ - Adjustments to Balances or Services

To identify adjustments to account balances or service charges on the account

TRANSACTION SETS USED IN

822

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	952	Adjustment Application Code	1	M	ID	1/2
02	782	Monetary Amount	1	M/Z	R	1/18
03	782	Monetary Amount	1	O/Z	R	1/18
04	373	Date	1	M/Z	DT	8/8
05	373	Date	1	M/Z	DT	8/8
06	1470	Number	1	O/Z	N0	1/9
07	352	Description	1	O	AN	1/80
08	235	Product/Service ID Qualifier	1	X	ID	2/2
09	234	Product/Service ID	1	X	AN	1/80
10	610	Amount	1	X/Z	N2	1/15
11	610	Amount	1	X/Z	N2	1/15
12	610	Amount	1	X/Z	N2	1/15
13	380	Quantity	1	X/Z	R	1/15
14	380	Quantity	1	X/Z	R	1/15
15	380	Quantity	1	X/Z	R	1/15
16	128	Reference Identification Qualifier	1	X/Z	ID	2/3
17	127	Reference Identification	1	X/Z	AN	1/80

Syntax Notes

08	P0809
10	L101112
10	C1009
11	L111012
11	C1109
12	L121011
12	C1209
13	C1309
13	L131415
14	C1409
14	L141315
15	C1509
15	L151314
16	P1617
17	C1709

Semantic Notes

02 AD02 is the adjustment amount.

03 AD03 is the adjustment to the average collected balance.

04 AD04 is the date of the original financial transaction.

05 AD05 is the date the adjustment was processed.

06 AD06 represents the number of days between the original transaction date and the adjustment date.

10 AD10 is the change in the service price. A negative sign preceding the amount indicates a price reduction.

11 AD11 is the former service price.

12 AD12 is the new service price.

13 AD13 is the change in the service volume. A negative sign preceding the amount indicates a volume reduction.

14 AD14 is the former service volume.

15 AD15 is the new service volume.

16 AD16 is the subservice identifier.

17 AD17 is the actual subservice number.

Comments

06 AD06 is recommended for float and ledger balance adjustments.

08 AD08 and AD09 are needed to identify the product or service to which the adjustment applies.

08 AD08 through AD17 are only utilized for adjustments to services.

ADT - Animal Parturition Status

Report the parturition status for the parent animal

TRANSACTION SETS USED IN
249

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1619	Parturition Status Code	1	M	ID	1/1
02	373	Date	1	O/Z	DT	8/8
03	1313	Test Period or Interval Value	1	X/Z	N0	1/6
04	344	Unit of Time Period or Interval Code	1	X	ID	2/2
05	373	Date	1	O/Z	DT	8/8
06	1313	Test Period or Interval Value	1	X/Z	N0	1/6
07	344	Unit of Time Period or Interval Code	1	X	ID	2/2
08	337	Time	1	O/Z	TM	4/8
09	1313	Test Period or Interval Value	1	X/Z	N0	1/6
10	344	Unit of Time Period or Interval Code	1	X	ID	2/2

Syntax Notes

03	P0304
06	P0607
09	P0910

Semantic Notes

02	ADT02 designates the date on which parturition began.
03	ADT03 identifies the dose day or interval on test that parturition began.
05	ADT05 designates the date on which parturition was complete.
06	ADT06 identifies the dose day or interval on test that parturition was complete.
08	ADT08 designates the time of day parturition was complete.
09	ADT09 identifies the gestation day that parturition was complete.

ADV - Advertising Demographic Information

To convey advertising demographic information

TRANSACTION SETS USED IN
840 843 850 855 860 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	559	Agency Qualifier Code	1	M	ID	2/2
02	1000	Service Characteristics Qualifier	1	M	AN	2/3
03	740	Range Minimum	1	O	R	1/20
04	741	Range Maximum	1	O	R	1/20
05	729	Category	1	O	AN	1/6
06	1000	Service Characteristics Qualifier	1	X	AN	2/3
07	739	Measurement Value	1	X	R	1/20

Syntax Notes

06	P0607

Comments

01	ADV01 defines the source for each of the service characteristic qualifiers.

ADX - Adjustment

To convey accounts-payable adjustment information for the purpose of cash application, including payer-generated debit/credit memos

TRANSACTION SETS USED IN

256 820 823 891

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	782	Monetary Amount	1	M/Z	R	1/18
02	426	Adjustment Reason Code	1	M/Z	ID	2/2
03	128	Reference Identification Qualifier	1	X/Z	ID	2/3
04	127	Reference Identification	1	X	AN	1/80

Syntax Notes

03 P0304

Semantic Notes

01 ADX01 specifies the amount of the adjustment and must be signed if negative. If negative, it reduces the payment amount; if positive, it increases the payment amount.

02 ADX02 specifies the reason for claiming the adjustment.

03 ADX03 and ADX04 specify the identification of the adjustment.

AEI - Equipment Information Summary

To provide summary information on equipment type and count

TRANSACTION SETS USED IN

160

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	40	Equipment Description Code	1	M	ID	2/2
02	380	Quantity	1	M/Z	R	1/15
03	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1

Semantic Notes

02 AEI02 is the quantity of the equipment specified in AEI01.

03 AEI03 indicates if the equipment is tagged. A "Y" indicates tagged; an "N" indicates not tagged.

AES - Automatic Equipment Identification Site Information

To identify the status of an automatic equipment identification reader site

TRANSACTION SETS USED IN

160

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1559	Automatic Equipment Identification Site Status Code	1	M	ID	1/1
02	1557	Movement Type Code	1	M	ID	1/1
03	1556	Train Termination Status Code	1	M	ID	1/1
04	1555	Automatic Equipment Identification Consist Confidence Level Code	1	M	ID	1/1
05	1271	Industry Code	1	O/Z	AN	1/30

Semantic Notes

05 AES05 is the user-defined direction of the switch.

AIN - Income

To provide type and amount of income obtained

TRANSACTION SETS USED IN

132 148 198 200 201 202 206 248 262 820 823 833 834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1186	Type of Income Code	1	M/Z	ID	2/2
02	594	Frequency Code	1	M/Z	ID	1/1
03	782	Monetary Amount	1	M/Z	R	1/18
04	380	Quantity	1	O/Z	R	1/15
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	127	Reference Identification	1	O/Z	AN	1/80
07	522	Amount Qualifier Code	1	O/Z	ID	1/3
08	1685	Tax Treatment Code	1	O/Z	ID	1/1
09	1687	Earnings Rate of Pay	1	X	R	1/15
10	355	Unit or Basis for Measurement Code	1	X	ID	2/2
11	380	Quantity	1	X/Z	R	1/15
12	1271	Industry Code	1	O/Z	AN	1/30
13	352	Description	1	O/Z	AN	1/80

Syntax Notes

09 P091011

Semantic Notes

01 AIN01 defines the nature or source of income earned.

02 AIN02 defines the periodicity of the income amount.

03 AIN03 defines amount of income.

04 AIN04 specifies number of scheduled periods or year of income receipt.

05 AIN05 identifies if the employee's income is expected to continue in lieu of compensation benefits. A "Y" indicates income is expected to continue; an "N" indicates income is not expected to continue.

06 AIN06 is used to identify an internal control number.

07 AIN07 indicates the income being identified in this segment is a net amount, a gross amount, or other amount.

08 AIN08 identifies the tax status or treatment of the amount specified in AIN03.

11 AIN11 identifies the number of units of time at which the rate specified in AIN09 applies.

12 AIN12 identifies the American Payroll Association Code to be used to identify the specific income type for payroll payments.

13 AIN13 further describes the type of income identified in AIN12.

AK1 - Functional Group Response Header

To start acknowledgment of a functional group

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

993 997 999

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	479	Functional Identifier Code	1	M/Z	ID	2/2
02	28	Group Control Number	1	M/Z	N0	1/9
03	480	Version / Release / Industry Identifier Code	1	O/Z	AN	1/12

Semantic Notes

01 AK101 is the functional ID found in the GS segment (GS01) in the functional group being acknowledged.

02 AK102 is the functional group control number found in the GS segment in the functional group being acknowledged.

03 AK103 is the version release industry identifier code in the GS segment (GS08) in the functional group being acknowledged.

AK2 - Transaction Set Response Header

To start acknowledgment of a single transaction set

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

993 997 999

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	143	Transaction Set Identifier Code	1	M/Z	ID	3/3
02	329	Transaction Set Control Number	1	M/Z	AN	4/9
03	1705	Implementation Convention Reference	1	O/Z	AN	1/35

Semantic Notes

01 AK201 is the transaction set ID found in the ST segment (ST01) in the transaction set being acknowledged.

02 AK202 is the transaction set control number found in the ST segment in the transaction set being acknowledged.

03 AK203 is the implementation convention reference, if any, found in the ST segment (ST03) in the transaction set being acknowledged.

AK3 - Data Segment Note

To report errors in a data segment and identify the location of the data segment

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

997

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	721	Segment ID Code	1	M	ID	2/3
02	719	Segment Position in Transaction Set	1	M	N0	1/10
03	447	Loop Identifier Code	1	O	AN	1/6
04	720	Segment Syntax Error Code	1	O	ID	1/3

AK4 - Data Element Note

To report errors in a data element or composite data structure and identify the location of the data element

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

997

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C030	Position in Segment	1	M		
02	725	Data Element Reference Code	1	O	AN	1/4
03	723	Data Element Syntax Error Code	1	M	ID	1/3
04	724	Copy of Bad Data Element	1	O/Z	AN	1/99

Semantic Notes

04 In no case shall a value be used for AK404 that would generate a syntax error, e.g., an invalid character.

AK5 - Transaction Set Response Trailer

To acknowledge acceptance or rejection and report errors in a transaction set

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

997

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	717	Transaction Set Acknowledgment Code	1	M	ID	1/1
02	718	Transaction Set Syntax Error Code	1	O	ID	1/3
03	718	Transaction Set Syntax Error Code	1	O	ID	1/3
04	718	Transaction Set Syntax Error Code	1	O	ID	1/3
05	718	Transaction Set Syntax Error Code	1	O	ID	1/3
06	718	Transaction Set Syntax Error Code	1	O	ID	1/3

AK9 - Functional Group Response Trailer

To acknowledge acceptance or rejection of a functional group and report the number of included transaction sets from the original trailer, the accepted sets, and the received sets in this functional group

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN
997 999

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	715	Functional Group Acknowledge Code	1	M	ID	1/1
02	97	Number of Transaction Sets Included	1	M	N0	1/6
03	123	Number of Received Transaction Sets	1	M	N0	1/6
04	2	Number of Accepted Transaction Sets	1	M	N0	1/6
05	716	Functional Group Syntax Error Code	1	O	ID	1/3
06	716	Functional Group Syntax Error Code	1	O	ID	1/3
07	716	Functional Group Syntax Error Code	1	O	ID	1/3
08	716	Functional Group Syntax Error Code	1	O	ID	1/3
09	716	Functional Group Syntax Error Code	1	O	ID	1/3

Comments

01	If AK901 contains the value "A" or "E", then the transmitted functional group is accepted.

ALG - Allergen

To describe the allergens associated with the product.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O/Z	AN	1/20
02	1797	Allergen Type Code	1	M	ID	1/3
03	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
04	352	Description	1	O/Z	AN	1/80
05	1321	Condition Indicator Code	1	O/Z	ID	2/3

Semantic Notes

01 ALG01 is the line item identification

03 ALG03 pertains to ALG02. Valid codes are C, F, M, and U.

04 ALG04 contains the allergen description or disclaimer statement.

05 ALG05 use code "UUN - Allergen Relevant Data Provided" only after all relevant allergens have been identified in ALG02.

Comments

02 When ALG02 equals A96 the manufacturer is claiming the product is free of allergens, equating to an "Allergen Disclaimer".

02 If ALG02 equals "A95" then ALG04 is the name of the allergen.

03 ALG03 provides the containment level of the allergen described in ALG02.

AM1 - Informational Values

To specify a code and the amount or quantity or percentage associated with it

TRANSACTION SETS USED IN

100 111 186 252 255 256 261 262 267 268

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1136	Code Category	1	M	ID	2/2
02	235	Product/Service ID Qualifier	1	M	ID	2/2
03	234	Product/Service ID	1	M	AN	1/80
04	782	Monetary Amount	1	O	R	1/18
05	380	Quantity	1	O	R	1/15
06	954	Percentage as Decimal	1	O	R	1/10

AMT - Monetary Amount Information

To indicate the total monetary amount

TRANSACTION SETS USED IN

100 103 105 111 112 124 133 135 139 140 141 142 148 149 150 151 153 154 159 175 176 179 180 185
186 187 189 190 191 194 195 196 197 198 199 200 201 202 203 205 206 219 220 245 248 251 252 256
259 260 261 262 264 265 266 267 268 270 271 272 273 274 276 277 283 284 285 286 288 290 362 412
424 470 501 503 521 527 561 567 568 650 805 806 810 811 812 814 818 819 820 821 823 824 828 829
831 833 834 835 836 837 838 839 840 841 842 843 844 845 847 849 850 851 852 855 856 860 865 867
872 873 880 881 883 884 887 890 891 897 940 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	522	Amount Qualifier Code	1	M	ID	1/3
02	782	Monetary Amount	1	M	R	1/18
03	478	Credit/Debit Flag Code	1	O	ID	1/1

ANI - Animal Identification

To uniquely identify each animal within the group

TRANSACTION SETS USED IN
249

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	373	Date	1	M/Z	DT	8/8
03	373	Date	1	M/Z	DT	8/8
04	1313	Test Period or Interval Value	1	X/Z	N0	1/6
05	344	Unit of Time Period or Interval Code	1	X	ID	2/2
06	127	Reference Identification	1	O/Z	AN	1/80
07	127	Reference Identification	1	O/Z	AN	1/80
08	373	Date	1	O/Z	DT	8/8
09	127	Reference Identification	1	O/Z	AN	1/80

Syntax Notes

04 P0405

Semantic Notes

01 ANI01 must uniquely identify each animal within the group.
02 ANI02 reports the date this animal was first dosed.
03 ANI03 reports the last date this animal was dosed.
04 ANI04 identifies the dose day or interval on test the initial body weight was recorded for this animal.
06 ANI06 identifies a lot or vertical cross section to which this animal belongs.
07 ANI07 identifies the generation to which this animal belongs.
08 ANI08 identifies this animal's date of birth.
09 ANI09 identifies the cage in which this animal was housed.

AOC - Animal Offspring Counts

To report offspring counts for the parent animal

TRANSACTION SETS USED IN
249

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1620	Offspring Count Code	1	M	ID	2/2
02	609	Count	1	M/Z	N0	1/9
03	373	Date	1	X/Z	DT	8/8
04	1313	Test Period or Interval Value	1	X/Z	N0	1/6
05	344	Unit of Time Period or Interval Code	1	X	ID	2/2

Syntax Notes

03	R0304
04	P0405

Semantic Notes

02	AOC02 reports the number of offspring in the category defined by AOC01.
03	AOC03 reports the calendar date on which an offspring count was recorded.
04	AOC04 reports the lactation day on which the offspring count was recorded.

AOI - Animal Offspring/Fetus Identification

To identify offspring/fetuses of the parent animal

TRANSACTION SETS USED IN
249

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	127	Reference Identification	1	M/Z	AN	1/80
03	1068	Gender Code	1	M	ID	1/1
04	1622	Offspring/Fetus Status Code	1	X	ID	2/2
05	1313	Test Period or Interval Value	1	X/Z	N0	1/6
06	344	Unit of Time Period or Interval Code	1	X	ID	2/2
07	1606	Animal Disposition Code	1	X	ID	2/2
08	1313	Test Period or Interval Value	1	X/Z	N0	1/6
09	344	Unit of Time Period or Interval Code	1	X	ID	2/2
10	127	Reference Identification	1	O/Z	AN	1/80
11	373	Date	1	X/Z	DT	8/8
12	1313	Test Period or Interval Value	1	X/Z	N0	1/6
13	344	Unit of Time Period or Interval Code	1	X	ID	2/2

Syntax Notes

04	P040506
07	P0708
08	P0809
10	L101112
12	P1213

Semantic Notes

01	AOI01 indicates the results reported are for either an offspring or a fetus. A "Y" indicates offspring; an "N" indicates fetus.
02	AOI02 uniquely identifies each fetus removed or each of the offspring within the litter before weaning.
05	AOI05 designates the gestation day on which the fetal status code was recorded.
08	AOI08 designates the lactation day on which the offspring disposition was recorded.
10	AOI10 uniquely identifies each weaned offspring within the study.
11	AOI11 designates the calendar day on which the offspring was weaned.
12	AOI12 designates the lactation day on which the offspring was weaned.

AOL - Animal Observation Location

To report the location of a specific observation

TRANSACTION SETS USED IN

249

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1611	Observation Type Code	1	M	ID	2/2
02	352	Description	1	M/Z	AN	1/80
03	1612	Tissue or Specimen Disposition Code	1	O	ID	1/1
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
05	1614	Sub-Location	1	O/Z	AN	1/24
06	1614	Sub-Location	1	O/Z	AN	1/24
07	1614	Sub-Location	1	O/Z	AN	1/24
08	752	Surface/Layer/Position Code	1	O/Z	ID	2/2

Semantic Notes

02 AOL02 specifies an organ name, a differentiated organ structure or the physical primary location of the observation.

04 AOL04 indicates whether this data was used in analysis. A "Y" indicates data was used in analysis; an "N" indicates it was not used.

05 AOL05 is used to further qualify AOL03.

06 AOL06 is used to further qualify AOL05.

07 AOL07 is used to further qualify AOL06.

08 AOL08 designates relative position or symmetry of the organ being observed.

AOR - Animal Observation Result

To report observation results at the specified location

TRANSACTION SETS USED IN

249

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1615	Observation Distribution	1	O/Z	AN	1/16
02	1616	Observation Severity	1	O/Z	AN	1/17
03	1617	Neoplasm Code	1	O	ID	1/1
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
05	1618	Linkage Identifier	1	O/Z	AN	1/4
06	1618	Linkage Identifier	1	O/Z	AN	1/4
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	1313	Test Period or Interval Value	1	X/Z	N0	1/6
09	344	Unit of Time Period or Interval Code	1	X	ID	2/2
10	1313	Test Period or Interval Value	1	X/Z	N0	1/6
11	344	Unit of Time Period or Interval Code	1	X	ID	2/2
12	1313	Test Period or Interval Value	1	X/Z	N0	1/6
13	344	Unit of Time Period or Interval Code	1	X	ID	2/2

Syntax Notes

08 P0809
10 P1011
12 P1213

Semantic Notes

01 AOR01 identifies the distribution of the observation.
02 AOR02 designates a grading for the severity of the observation.
04 AOR04 indicates the relationship of the lesion to the cause of death. A "Y" indicates a direct correlation of the lesion to the cause of death; an "N" indicates anything other than fatal.
05 AOR05 identifies the in-life mass identification correlated to the observation.
06 AOR06 identifies the gross observation correlated to this observation.
07 AOR07 indicates if this observation was used in analysis. A "Y" indicates this observation was used in analysis; an "N" indicates it was not used.
08 AOR08 indicates the dose day or interval on test of the observation on-set.
10 AOR10 indicates the dose day or interval on test that the observation terminated.
12 AOR12 indicates the duration of this observation in elapsed time.

AP1 - Alternate Parts

To transmit identifying numbers, values and descriptive information related to the use of alternate parts

TRANSACTION SETS USED IN

124

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1321	Condition Indicator Code	1	M	ID	2/3
02	156	State or Province Code	1	O/Z	ID	2/2
03	236	Price Identifier Code	1	O	ID	3/3
04	954	Percentage as Decimal	1	O/Z	R	1/10
05	782	Monetary Amount	1	O/Z	R	1/18
06	116	Postal Code	1	X/Z	ID	3/15
07	116	Postal Code	1	O/Z	ID	3/15
08	744	Print Option Code	1	O/Z	ID	2/2
09	1470	Number	1	O/Z	N0	1/9
10	380	Quantity	1	O/Z	R	1/15
11	61	Free-form Information	1	O/Z	AN	1/30
12	234	Product/Service ID	1	O/Z	AN	1/80
13	352	Description	1	O/Z	AN	1/80

Syntax Notes

07 C0706

Semantic Notes

02 AP102 is the primary disclosure State or Province.
04 AP104 is the minimum savings percent.
05 AP105 is the minimum savings dollars.
06 AP106 is the beginning zip code of a range for aftermarket parts.
07 AP107 is the ending zip code of a range for aftermarket parts.
08 AP108 is the print disclosure switch.
09 AP109 is the maximum number of suppliers allowed.
10 AP110 is the vehicle age delimiter.
11 AP111 is the matrix name used.
12 AP112 is the Certified Aftermarket Parts Association (CAPA) part number.
13 AP113 is the Certified Aftermarket Parts Association (CAPA) part description.

APE - Assurance Protocol Error

To report assurance protocol errors in a security structure

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

993

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1432	Business Purpose of Assurance Code	1	M	ID	3/3
02	1434	Domain of Computation of Assurance Code	1	M	ID	1/2
03	1714	Security or Assurance Protocol Error Code	1	M	ID	1/2
04	1435	Assurance Originator	1	O	AN	1/64
05	1436	Assurance Recipient	1	O	AN	1/64

API - Activity or Process Information

To provide information on activity or process

TRANSACTION SETS USED IN
155 198 261 262 266 274

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1136	Code Category	1	M/Z	ID	2/2
02	306	Action Code	1	O/Z	ID	1/2
03	875	Maintenance Type Code	1	O/Z	ID	3/3
04	641	Status Reason Code	1	O/Z	ID	3/3
05	1469	Affected Area or Section Code	1	O/Z	ID	1/1
06	1336	Insurance Type Code	1	O/Z	ID	1/3
07	1262	Loan Type Code	1	O/Z	ID	1/2
08	1201	Information Status Code	1	O/Z	ID	1/1

Semantic Notes

01 API01 specifies the situation or category to which the code applies.
02 API02 indicates the type of action taken towards an activity or process.
03 API03 identifies the specific type of maintenance needed for the process.
04 API04 provides the reason for the action or process.
05 API05 identifies the area affected by the activity or process.
06 API06 identifies the type of insurance policy associated with a product.
07 API07 identifies the type of loan, if any, involved in the process.
08 API08 identifies how current the information is.

APR - Association of American Railroads Pool Code Restrictions

Used to limit the application of restrictions to a subset of standard Association of American Railroads Pool Codes

TRANSACTION SETS USED IN

453

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	1011	Association of American Railroads (AAR) Pool Code	1	M	ID	7/7
03	1011	Association of American Railroads (AAR) Pool Code	1	O/Z	ID	7/7

Semantic Notes

01 APR01 indicates if restriction is included. A "Y" indicates restriction is included; an "N" indicates restriction is excluded.

03 APR03 indicates the high end of a range.

ARC - Animal Results Counts

To record the number of results reported for each test or observation type

TRANSACTION SETS USED IN

249

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	609	Count	1	M	N0	1/9
02	1607	Test Type Code	1	X	ID	2/2
03	1611	Observation Type Code	1	X	ID	2/2

Syntax Notes

02	E0203
02	R0203

ARS - Applicant Residence Specifics

To provide type of residency

TRANSACTION SETS USED IN

200 201 833

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1070	Type of Residence Code	1	M/Z	ID	1/1
02	1078	Property Ownership Rights Code	1	M/Z	ID	1/1
03	122	Rate/Value Qualifier	1	O	ID	2/2
04	782	Monetary Amount	1	O	R	1/18
05	127	Reference Identification	1	O	AN	1/80

Semantic Notes

01 ARS01 defines the nature of usage of residence.

02 ARS02 defines the nature of the right to occupy residence.

02 If ARS02 is Rent "R", ARS03 is the period type for rental payments.

02 If ARS02 is Rent "R", ARS04 is the amount of rental payment.

ASI - Action or Status Indicator

To indicate the action to be taken with the information provided or the status of the entity described

TRANSACTION SETS USED IN

111 155 158 185 252 255 267 268 814 816

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	306	Action Code	1	M	ID	1/2
02	875	Maintenance Type Code	1	M	ID	3/3
03	641	Status Reason Code	1	O	ID	3/3

ASL - Asset Liability

To report financial information

TRANSACTION SETS USED IN

186 267

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	522	Amount Qualifier Code	1	M/Z	ID	1/3
02	782	Monetary Amount	1	M/Z	R	1/18
03	1590	Asset Liability Type Code	1	O	ID	2/2
04	594	Frequency Code	1	O	ID	1/1

Semantic Notes

01 ASL01 indicates the type of financial statement category.

02 ASL02 represents the amount of the asset or liability identified by ASL01.

ASM - Amount and Settlement Method

Defines a participant's monetary commitment and settlement method

TRANSACTION SETS USED IN

185 202 245 290 820

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	610	Amount	1	M	N2	1/15
02	107	Payment Method Type Code	1	O	ID	1/2
03	522	Amount Qualifier Code	1	O	ID	1/3

ASO - Asset Ownership

To describe ownership of and identify type of assets utilized or owned

TRANSACTION SETS USED IN

155

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1078	Property Ownership Rights Code	1	M	ID	1/1
02	1188	Type of Personal or Business Asset Code	1	M/Z	ID	2/2
03	1188	Type of Personal or Business Asset Code	1	O/Z	ID	2/2
04	933	Free-form Message Text	1	O/Z	AN	1/264
05	1635	General Property Ownership Code	1	O	ID	1/1
06	C007	Amount Qualifying Description	1	O		
07	782	Monetary Amount	1	X/Z	R	1/18
08	954	Percentage as Decimal	1	O/Z	R	1/10
09	380	Quantity	1	O/Z	R	1/15
10	128	Reference Identification Qualifier	1	X	ID	2/3
11	127	Reference Identification	1	X	AN	1/80

Syntax Notes

06 C0607

10 P1011

Semantic Notes

02 ASO02 identifies the primary asset.

03 ASO03 further identifies the asset identified in ASO02 when there is a multiple or compound value.

04 ASO04 is only used when ASO02 is "10".

07 ASO07 specifies the monetary value of the asset referenced in ASO02, ASO03 and ASO04.

08 ASO08 specifies a percentage of ownership of the assets referenced in ASO02, ASO03 and ASO04.

09 ASO09 quantifies assets referenced in ASO02, ASO03 and ASO04.

AST - Animal Reproductive Status

To report reproductive status for the parent animal

TRANSACTION SETS USED IN
249

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	127	Reference Identification	1	O/Z	AN	1/80
03	373	Date	1	O/Z	DT	8/8
04	1313	Test Period or Interval Value	1	X/Z	N0	1/6
05	344	Unit of Time Period or Interval Code	1	X	ID	2/2
06	373	Date	1	O/Z	DT	8/8
07	1313	Test Period or Interval Value	1	X/Z	N0	1/6
08	344	Unit of Time Period or Interval Code	1	X	ID	2/2
09	373	Date	1	O/Z	DT	8/8
10	1313	Test Period or Interval Value	1	X/Z	N0	1/6
11	344	Unit of Time Period or Interval Code	1	X	ID	2/2

Syntax Notes

04	P0405
07	P0708
10	P1011

Semantic Notes

01	AST01 indicates the reproductive status of a specific animal. A "Y" indicates a reproductive status of pregnant; an "N" indicates a reproductive status of not pregnant.
02	AST02 identifies the mate for this specific animal.
03	AST03 designates the date on which cohabitation began.
04	AST04 identifies the dose day or interval on test that cohabitation began.
06	AST06 designates the date on which mating was confirmed.
07	AST07 identifies the dose day or interval on test that mating was confirmed.
09	AST09 designates the date that mating was estimated to have occurred.
10	AST10 identifies the dose day or interval on test that mating was estimated to have occurred.

AT1 - Bill of Lading Line Item Number

To reference a Bill of Lading line number

TRANSACTION SETS USED IN

211

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	213	Lading Line Item Number	1	M	N0	1/6

AT2 - Bill of Lading Line Item Detail

To specify Bill of Lading quantity, weight, commodity classification and other details.

TRANSACTION SETS USED IN

211

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	80	Lading Quantity	1	X/Z	N0	1/7
02	211	Packaging Form Code	1	X/Z	ID	3/3
03	187	Weight Qualifier	1	M/Z	ID	1/2
04	188	Weight Unit Code	1	M	ID	1/1
05	81	Weight	1	M	R	1/10
06	80	Lading Quantity	1	X/Z	N0	1/7
07	211	Packaging Form Code	1	X/Z	ID	3/3
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	22	Commodity Code	1	O/Z	AN	1/30
10	59	Freight Class Code	1	O	AN	2/5
11	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
12	148	Lading Value	1	O	R	2/9
13	184	Volume Unit Qualifier	1	X	ID	1/1
14	183	Volume	1	X	R	1/8

Syntax Notes

01	P0102
06	P0607
13	P1314

Semantic Notes

01	AT201 is the number of carrier handling units for the line item.
02	AT202 is the packaging form of the lading quantity in AT201.
03	AT203 and AT204 qualify AT205.
06	AT206 is used only if AT202 contains the codes PLT, SKD, or SLP.
06	AT206 is the total number of pieces contained on the pallets, skids or slip sheets identified in AT201.
07	AT207 is the packaging form of the units contained on pallets, skids, or slip sheets.
08	AT208 indicates if the carrier is required to verify the number of cartons on the pallet, slip sheet, or skid. A "Y" indicates that the carrier is required to verify the number of cartons. An "N" indicates that the carrier is not required to verify the number of cartons. If AT208 is not present in the segment a code of "N" is assumed.
09	AT209 is the National Motor Freight Classification Number.
11	AT211 is used to indicate a master handling unit line item. A "Y" indicates the line item is a master handling unit describing lading quantity, packaging form code, and weight. The commodity code, freight class, and weight would be contained in additional line items. An "N" indicates that the line is a sub line item of a master handling unit line item. Lading

quantity and package type are not used for sub line items. AT211 is used only when describing master handling unit and sub line items.

AT3 - Bill of Lading Rates and Charges

To specify Bill of Lading rates and charges

TRANSACTION SETS USED IN

211 222

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	58	Amount Charged	1	M/Z	N2	1/15
02	1600	Freight Rate Qualifier	1	X	ID	2/2
03	60	Freight Rate	1	X	R	1/15
04	1601	Rated-as Qualifier	1	X	ID	2/2
05	380	Quantity	1	X	R	1/15
06	1602	Bill of Lading Charge Code	1	X	ID	3/3
07	954	Percentage as Decimal	1	X/Z	R	1/10

Syntax Notes

02	P0203
02	E020607
02	R020607
04	P0405
04	C0402

Semantic Notes

01	AT301 is the charge per Bill of Lading line item.
07	AT307 is the percent discount that was used to determine the charge in AT301.

Comments

05	AT305 is the quantity of units (miles, gallons, deficit weight, etc.) as defined by the qualifier in AT304.

AT4 - Bill of Lading Description

To specify the lading description

TRANSACTION SETS USED IN

211

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	79	Lading Description	1	M	AN	1/50

AT5 - Bill of Lading Handling Requirements

To identify Bill of Lading handling and service requirements

TRANSACTION SETS USED IN

106 107 204 211 214 216 219 220 222

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	152	Special Handling Code	1	X	ID	2/3
02	560	Special Services Code	1	X	ID	2/10
03	153	Special Handling Description	1	X	AN	2/30
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	408	Temperature	1	X/Z	R	1/4
06	408	Temperature	1	X/Z	R	1/4

Syntax Notes

01	E0103
02	E0203
04	L040506
05	C0504
06	C0604

Semantic Notes

05	AT505 is the minimum temperature.
06	AT506 is the maximum temperature.

AT6 - International Manifest Information

To transmit international manifest data

TRANSACTION SETS USED IN

215

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1610	International Dutiable Status Code	1	M	ID	2/2
02	512	Import/Export Code	1	M	ID	1/1
03	335	Transportation Terms Code	1	O	ID	3/3

AT7 - Shipment Status Details

To specify the status of a shipment, the reason for that status, the date and time of the status and the date and time of any appointments scheduled.

TRANSACTION SETS USED IN

212 214 240

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1650	Shipment Status Indicator Code	1	X/Z	ID	2/2
02	1651	Shipment Status or Appointment Reason Code	1	O	ID	2/2
03	1652	Shipment Appointment Status Code	1	X	ID	2/2
04	1651	Shipment Status or Appointment Reason Code	1	O	ID	2/2
05	373	Date	1	X	DT	8/8
06	337	Time	1	X	TM	4/8
07	623	Time Code	1	O/Z	ID	2/2

Syntax Notes

01	E0103
02	C0201
04	C0403
06	C0605
07	C0706

Semantic Notes

01	If AT701 is present, AT705 is the date the status occurred. If AT703 is present, AT705 is a date related to an appointment.
01	If AT701 is present, AT706 is the time of the status. If AT703 is present, AT706 is the time of the appointment.
07	If AT707 is not present then AT706 represents local time of the status.

AT8 - Shipment Weight, Packaging and Quantity Data

To specify shipment details in terms of weight, and quantity of handling units

TRANSACTION SETS USED IN

204 212 214 223 753

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	187	Weight Qualifier	1	X	ID	1/2
02	188	Weight Unit Code	1	X	ID	1/1
03	81	Weight	1	X	R	1/10
04	80	Lading Quantity	1	O/Z	N0	1/7
05	80	Lading Quantity	1	O/Z	N0	1/7
06	184	Volume Unit Qualifier	1	X	ID	1/1
07	183	Volume	1	X	R	1/8

Syntax Notes

01	P010203
06	P0607

Semantic Notes

04	AT804 is the quantity of handling units that are not unitized (for example a carton). When added to the quantity in AT805, it is the total quantity of handling units in the shipment.
05	AT805 is the quantity of handling units that are unitized (for example on a pallet or slip sheet). When added to the quantity in AT804 it is the total quantity of handling units for the shipment.

AT9 - Trailer or Container Dimension and Weight

To specify trailer or container dimensions

TRANSACTION SETS USED IN

106 107 212 754 856 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	567	Equipment Length	1	O	N0	4/5
02	65	Height	1	O/Z	R	1/8
03	189	Width	1	O/Z	R	1/8
04	187	Weight Qualifier	1	X	ID	1/2
05	188	Weight Unit Code	1	X	ID	1/1
06	81	Weight	1	X/Z	R	1/10
07	184	Volume Unit Qualifier	1	X	ID	1/1
08	183	Volume	1	X/Z	R	1/8

Syntax Notes

04	P040506
07	P0708

Semantic Notes

02	AT902 is the height of the trailer or container in inches.
03	AT903 is the width of the trailer or container in inches.
06	AT906 is the weight of the trailer or container. It is the tare weight of the trailer or container.
08	AT908 is the volumetric capacity of the trailer or container.

ATA - Beginning Segment for Motor Carrier Delivery Trailer Manifest

To transmit identifying numbers and other basic data relating to the Motor Carrier Delivery Trailer Manifest Transaction Set

TRANSACTION SETS USED IN
212

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	127	Reference Identification	1	M/Z	AN	1/80
03	373	Date	1	O/Z	DT	8/8

Semantic Notes

01 ATA01 is the Standard Carrier Alpha Code (SCAC) of the carrier that is delivering the trailer.
02 ATA02 is the delivery trailer manifest number assigned by the carrier.
03 ATA03 is the date that the delivery trailer manifest was created.

ATH - Resource Authorization

To specify resource authorizations (i.e., finished labor, material, etc.) in the planning schedule

TRANSACTION SETS USED IN
830

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	672	Resource Authorization Code	1	M	ID	2/2
02	373	Date	1	X/Z	DT	8/8
03	380	Quantity	1	X/Z	R	1/15
04	380	Quantity	1	O	R	1/15
05	373	Date	1	X/Z	DT	8/8

Syntax Notes

02 R0203
03 C0305
04 C0405

Semantic Notes

02 ATH02 is the resource authorization through date: The date through which the buyer authorizes the seller to commit the resource defined in element ATH01.

03 ATH03 is the current cumulative requirements quantity: The cumulative quantity that has been authorized to date from the cumulative start date (ATH05) through the resource authorization through date (ATH02).

05 ATH05 is the cumulative start date: The date where the cumulative quantity count starts. This date might be the start date of a contract period, a calendar or fiscal year, or other.

Comments

01 It is imperative that negotiations defining financial commitment have previously occurred and are agreed to by both buyer and seller.

04 ATH04 is the maximum cumulative requirements quantity: The maximum cumulative quantity that has been authorized to date from the cumulative start date (ATH05) through the resource authorization through date (ATH02). This is a high water markIf the forecast decreases, the current cumulative requirements quantity also decreases, but the maximum cumulative requirements quantity does not decrease.

ATN - Attendance

To specify attendance information

TRANSACTION SETS USED IN

820

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M/Z	R	1/15
02	355	Unit or Basis for Measurement Code	1	O	ID	2/2
03	673	Quantity Qualifier	1	O/Z	ID	2/2
04	594	Frequency Code	1	O	ID	1/1
05	1684	Attendance Type Code	1	O/Z	ID	1/4
06	352	Description	1	O/Z	AN	1/80

Semantic Notes

01 ATN01 is a measure of attendance time.

03 ATN03 identifies the period for which the quantity in ATN01 is being reported.

05 ATN05 identifies the type of attendance for which the quantity in ATN01 is being reported.

06 ATN06 is used to clarify the attendance type describing the quantity being reported in ATN01.

ATR - Animal Test Result

To report individual animal test results

TRANSACTION SETS USED IN
249

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1607	Test Type Code	1	M	ID	2/2
02	1313	Test Period or Interval Value	1	M/Z	N0	1/6
03	344	Unit of Time Period or Interval Code	1	M	ID	2/2
04	739	Measurement Value	1	X/Z	R	1/20
05	C001	Composite Unit of Measure	1	X		
06	1608	Non-Numeric Test Value	1	X/Z	AN	1/30
07	352	Description	1	O/Z	AN	1/80
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	752	Surface/Layer/Position Code	1	O/Z	ID	2/2
10	337	Time	1	O/Z	TM	4/8

Syntax Notes

04 R0406
04 P0405

Semantic Notes

02 ATR02 identifies the dose day or interval on test this result was recorded.
04 ATR04 used to report numeric test results.
06 ATR06 reports non-numeric test results.
07 ATR07 clarifies ATR01 by identifying the name of a specific test performed for which the results are being reported.
08 ATR08 indicates whether this data was used in analysis. A "Y" indicates data was used in analysis; an "N" indicates it was not used.
09 ATR09 designates relative position or symmetry of the organ or observation being reported.
10 ATR10 identifies the time of day this result was measured.

Comments

10 ATR10 need be present only when more than one result is recorded for the same test type on the same day.

ATV - Student Activities and Awards

To identify the activities in which a student has been involved, awards and honors the student has received, significant achievements, including employment, or publications

TRANSACTION SETS USED IN
130 133 138 189

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	X	ID	1/3
02	1271	Industry Code	1	X/Z	AN	1/30
03	790	Entity Title	1	O/Z	AN	1/132
04	790	Entity Title	1	O/Z	AN	1/132
05	380	Quantity	1	X/Z	R	1/15
06	C001	Composite Unit of Measure	1	X		
07	1131	Level of Individual, Test, or Course Code	1	O/Z	ID	2/2
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

01	P0102
05	P0506

Semantic Notes

02	ATV02 contains the activity or the award code.
03	ATV03 is the free-form name of the activity or award.
04	ATV04 is the free-form name of the organization sponsoring the activity or granting the award.
05	ATV05 and ATV06 together can be used to indicate hours per week, days per week, days per month, etc. that a student was involved in the activity.
07	ATV07 indicates the level of participation in this activity.
08	ATV08 defines whether the student was paid for participation in the activity. A "Y" indicates that the student was paid; an "N" indicates that the student was not paid.
09	ATV09 defines whether the activity was a school-sponsored activity. A "Y" indicates that the activity was school sponsored; an "N" indicates that the activity was not school sponsored.
10	ATV10 defines whether the student was recruited by postsecondary institutions in this activity. A "Y" indicates that the student was recruited; an "N" indicates that the student was not recruited.

AVA - Funds Availability

To indicate the funds availability in days

TRANSACTION SETS USED IN

821 823

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	782	Monetary Amount	1	M/Z	R	1/18
02	895	Availability	1	M	R	1/6

Semantic Notes

01 The monetary amount in AVA01 can be negative where the amount represents an adjustment or backvalue.

AWD - Amount with Description

To specify a code and/or description with an associated amount

TRANSACTION SETS USED IN
113 155 259 814

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C007	Amount Qualifying Description	1	M		
02	782	Monetary Amount	1	X	R	1/18
03	61	Free-form Information	1	X/Z	AN	1/30
04	100	Currency Code	1	O	ID	3/3

Syntax Notes

02 E0203
02 R0203

Semantic Notes

03 AWD03 is used when information source provides non-numeric values.

AXL - Vehicle Axle Measurements

To specify axle measurements for loading vehicles on aircraft or other conveyances

TRANSACTION SETS USED IN
858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	235	Product/Service ID Qualifier	1	M	ID	2/2
02	234	Product/Service ID	1	M/Z	AN	1/80
03	90	Measurement Unit Qualifier	1	X	ID	1/1
04	82	Length	1	O	R	1/8
05	189	Width	1	O	R	1/8
06	187	Weight Qualifier	1	X	ID	1/2
07	81	Weight	1	X	R	1/10
08	127	Reference Identification	1	O/Z	AN	1/80

Syntax Notes

04	C0403
05	C0503
06	P0607

Semantic Notes

02	AXL02 identifies the axle described in the segment.
08	AXL08 identifies the type of axle described in the segment.

B1 - Beginning Segment for Booking or Pickup/Delivery

To transmit identifying numbers, dates, and other basic data relating to the transaction set

TRANSACTION SETS USED IN
215 300 301 303 990

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	145	Shipment Identification Number	1	O	AN	1/30
03	373	Date	1	O/Z	DT	8/8
04	558	Reservation Action Code	1	O	ID	1/1
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	1658	Shipment or Work Assignment Decline Reason Code	1	O/Z	ID	3/3
07	146	Shipment Method of Payment Code	1	O	ID	2/2

Semantic Notes

01 B101 is the Standard Carrier Alpha Code (SCAC) of either the carrier receiving the booking request or the carrier sending the booking confirmation.

03 B103 is either the date of the booking request or the date the booking was accepted by the carrier.

05 If B105 is "Y", partial loadings are allowed. If B105 is "N", partial loadings are not allowed.

06 B106 should be sent if the B104 action code is a "D" for decline.

B10 - Beginning Segment for Transportation Carrier Shipment Status Message

To transmit identifying numbers and other basic data relating to the transaction set

TRANSACTION SETS USED IN
214 223

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	X/Z	AN	1/80
02	145	Shipment Identification Number	1	O	AN	1/30
03	140	Standard Carrier Alpha Code	1	M	ID	2/4
04	71	Inquiry Request Number	1	O	N0	1/3
05	128	Reference Identification Qualifier	1	X	ID	2/3
06	127	Reference Identification	1	X	AN	1/80
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	373	Date	1	X/Z	DT	8/8
09	337	Time	1	X/Z	TM	4/8

Syntax Notes

01	R0106
01	E0105
05	P0506
08	P0809

Semantic Notes

01	B1001 is the carrier assigned reference number.
07	B1007 indicates if the reference numbers included in this transmission were transmitted to the carrier in electronic format or key entered by the carrier. A "Y" indicates the carrier utilized the electronic shipper supplied reference information to create this document; an "N" indicates the carrier key entered the reference information from a shipper supplied document.
08	B1008 is the transaction creation date.
09	B1009 is the transaction creation time.

Comments

01	B1001 is the carrier's PRO (invoice number) that identifies the shipment.
03	B1003 is required when used in Transaction Set 214.
06	B1006 is the carrier assigned bar code identification or another carrier assigned shipment identification, such as a manifest number.

B11 - Beginning Segment for Shipment Status Inquiry

To transmit identifying numbers, dates, and other basic data relating to the transaction set

TRANSACTION SETS USED IN
213

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	66	Identification Code Qualifier	1	M	ID	1/2
02	67	Identification Code	1	M	AN	2/80
03	373	Date	1	O/Z	DT	8/8
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	380	Quantity	1	X	R	1/15
06	522	Amount Qualifier Code	1	X	ID	1/3
07	782	Monetary Amount	1	X	R	1/18
08	349	Item Description Type Code	1	X	ID	1/1
09	352	Description	1	X	AN	1/80
10	284	Service Level Code	1	O	ID	2/2
11	756	Report Transmission Code	1	O	ID	1/2

Syntax Notes

04	P0405
06	P0607
08	P0809

Semantic Notes

03	B1103 is the pickup date.

Comments

01	B1101 identifies the requestor.

B12 - Beginning Segment for Consolidation of Goods In Container

To specify the beginning of the Consolidation of Goods in Container Transaction Set

TRANSACTION SETS USED IN

325

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	206	Equipment Initial	1	M	AN	1/4
02	207	Equipment Number	1	M	AN	1/15
03	24	Equipment Type Code	1	M	ID	4/4

B13 - Beginning Segment for Appointment Schedule

To transmit identifying numbers and other basic data relating to the Appointment Schedule transaction set

TRANSACTION SETS USED IN

163

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4

Semantic Notes

01 B1301 is the appointment pickup or delivery request reference number. It is a number assigned by the party requesting the original appointment that uniquely identifies the request for a pickup or delivery appointment. It is not a unique appointment number.

02 B1302 is the Standard Carrier Alpha Code (SCAC) of the carrier who will be keeping the appointment.

B2 - Beginning Segment for Shipment Information Transaction

To transmit basic data relating to shipment information

TRANSACTION SETS USED IN

204 304

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	375	Tariff Service Code	1	O	ID	2/2
02	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
03	154	Standard Point Location Code	1	O	ID	6/9
04	145	Shipment Identification Number	1	O	AN	1/30
05	188	Weight Unit Code	1	O	ID	1/1
06	146	Shipment Method of Payment Code	1	M	ID	2/2
07	147	Shipment Qualifier	1	O	ID	1/1
08	86	Total Equipment	1	O	N0	1/3
09	460	Shipment Weight Code	1	O	ID	1/1
10	501	Customs Documentation Handling Code	1	O	ID	2/2
11	335	Transportation Terms Code	1	O/Z	ID	3/3
12	591	Payment Method Code	1	O	ID	3/3

Semantic Notes

02 B202 contains the Standard Carrier Alpha Code (SCAC) of the carrier that will receive the bill of lading.

11 If B211 is used, B206 will indicate the party or parties responsible for payment of the transportation terms identified in B211.

Comments

02 B202 is mandatory for transaction set 204.

09 B209 is mandatory for rail transactions.

B2A - Set Purpose

To allow for positive identification of transaction set purpose

TRANSACTION SETS USED IN

163 204 211 212 223 304 310 311 821 893

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	346	Application Type Code	1	O	ID	2/2

B3 - Beginning Segment for Carrier's Invoice

To transmit basic data relating to the carrier's invoice

TRANSACTION SETS USED IN
110 210 310 312 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	147	Shipment Qualifier	1	O	ID	1/1
02	76	Invoice Number	1	M	AN	1/22
03	145	Shipment Identification Number	1	O	AN	1/30
04	146	Shipment Method of Payment Code	1	M	ID	2/2
05	188	Weight Unit Code	1	O	ID	1/1
06	373	Date	1	M/Z	DT	8/8
07	193	Net Amount Due	1	M	N2	1/15
08	202	Correction Indicator Code	1	O	ID	2/2
09	32	Delivery Date	1	X/Z	DT	8/8
10	374	Date/Time Qualifier	1	X	ID	3/3
11	140	Standard Carrier Alpha Code	1	M	ID	2/4
12	373	Date	1	O	DT	8/8
13	375	Tariff Service Code	1	O	ID	2/2
14	335	Transportation Terms Code	1	O/Z	ID	3/3

Syntax Notes

09 P0910

Semantic Notes

06 B306 is the billing date.

09 On collect freight bills the data in B309 will be the actual delivery date. For the shipments invoiced prior to delivery, the B309 will be the estimated date of delivery.

14 If B314 is used, B304 will indicate the party or parties responsible for payment of the transportation terms identified in B314.

B3A - Invoice Type

To indicate type of invoice and number of shipments

TRANSACTION SETS USED IN

110 223 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	640	Transaction Type Code	1	M	ID	2/2
02	21	Number of Shipments	1	O	N0	1/5

Comments

02 B3A02 is the number of shipments invoiced.

B3B - Beginning Segment for Rail Carrier's Invoice

To transmit identifying numbers, dates, and other basic data relating to the transaction set

TRANSACTION SETS USED IN

410

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	76	Invoice Number	1	M	AN	1/22
02	146	Shipment Method of Payment Code	1	M	ID	2/2
03	373	Date	1	M/Z	DT	8/8
04	193	Net Amount Due	1	M	N2	1/15
05	373	Date	1	O/Z	DT	8/8
06	140	Standard Carrier Alpha Code	1	M	ID	2/4
07	91	Transportation Method/Type Code	1	M	ID	1/2
08	145	Shipment Identification Number	1	O	AN	1/30
09	188	Weight Unit Code	1	O	ID	1/1
10	202	Correction Indicator Code	1	O	ID	2/2
11	100	Currency Code	1	O/Z	ID	3/3

Semantic Notes

03 B3B03 is the billing date.

05 B3B05 is the payment due date.

11 B3B11 defines the currency used in the transaction.

Comments

09 The B3B09 default value is pounds.

B4 - Beginning Segment for Inquiry or Reply

To transmit identifying numbers, dates, and other basic data relating to the transaction set

TRANSACTION SETS USED IN
109 313 315

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	152	Special Handling Code	1	O	ID	2/3
02	71	Inquiry Request Number	1	O	N0	1/3
03	157	Shipment Status Code	1	O	ID	1/2
04	373	Date	1	O/Z	DT	8/8
05	337	Time	1	O/Z	TM	4/8
06	159	Status Location	1	O	AN	3/5
07	206	Equipment Initial	1	X	AN	1/4
08	207	Equipment Number	1	X	AN	1/15
09	578	Equipment Status Code	1	O	ID	1/2
10	24	Equipment Type Code	1	O	ID	4/4
11	310	Location Identifier	1	X	AN	1/30
12	309	Location Qualifier	1	X	ID	1/2
13	761	Equipment Number Check Digit	1	O	N0	1/1

Syntax Notes

07	P0708
11	P1112

Semantic Notes

04	B404 is the date of last reported status of cargo.
05	B405 is the time (HHMM) of the last reported status of the cargo.

B9 - Beginning Segment for Logistics Services

To indicate the beginning of a logistics service transaction set

TRANSACTION SETS USED IN

219 220

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	353	Transaction Set Purpose Code	1	M	ID	2/2
03	146	Shipment Method of Payment Code	1	O	ID	2/2

Semantic Notes

01 B901 is the logistics identification number.

B9A - Service Request

To identify the specified logistics services requested

TRANSACTION SETS USED IN

219 220

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1644	Service Request Code	1	M	ID	2/2

BA1 - Export Shipment Identifying Information

To transmit identifying data for an export shipment

TRANSACTION SETS USED IN
350 601

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	645	Related Company Indication Code	1	M	ID	1/1
02	306	Action Code	1	M	ID	1/2
03	91	Transportation Method/Type Code	1	M	ID	1/2
04	26	Country Code	1	M/Z	ID	2/3
05	127	Reference Identification	1	M/Z	AN	1/80
06	116	Postal Code	1	O/Z	ID	3/15
07	26	Country Code	1	O/Z	ID	2/3
08	156	State or Province Code	1	O/Z	ID	2/2
09	151	Authority	1	O	AN	1/20
10	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
11	310	Location Identifier	1	O/Z	AN	1/30
12	182	Vessel Name	1	O	AN	2/50

Semantic Notes

04 BA104 is the country of final destination of the goods.
05 BA105 is the Export Transaction Number (XTN).
06 BA106 is the postal code of the point of manufacture.
07 BA107 is the country from which the cargo is shipped.
08 BA108 is the state or province of the point of manufacture.
10 BA110 is the Standard Carrier Alpha Code (SCAC) of the conveyance operator.
11 BA111 is the Foreign Trade Zone (FTZ) number.

BA2 - Beginning Segment for Cargo Terminal Information

To indicate the beginning of the Cargo Terminal Information Transaction Set and transmit identifying numbers and dates

TRANSACTION SETS USED IN
319

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	597	Vessel Code	1	M	ID	1/8
03	55	Flight/Voyage Number	1	M	AN	2/30
04	127	Reference Identification	1	M/Z	AN	1/80
05	127	Reference Identification	1	M/Z	AN	1/80
06	113	Pier Number	1	M	AN	1/4
07	112	Pier Name	1	M	AN	2/14
08	115	Port or Terminal Function Code	1	O	ID	1/1
09	114	Port Name	1	O	AN	2/24
10	373	Date	1	O/Z	DT	8/8
11	897	Vessel Code Qualifier	1	O	ID	1/1

Semantic Notes

04 BA204 is the terminal operator reference number.
05 BA205 is the broker number.
10 BA210 is the date as required by customs.

Comments

08 BA208 can contain only values "T" or "U".

BAA - Beginning Segment for Product Transfer Account Adjustment

To identify the beginning of a Product Transfer Account Adjustment Transaction Set and further define the type of product account adjustment transaction set and its reference number and date

TRANSACTION SETS USED IN
844

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	640	Transaction Type Code	1	M	ID	2/2
03	373	Date	1	M/Z	DT	8/8
04	128	Reference Identification Qualifier	1	X	ID	2/3
05	127	Reference Identification	1	X	AN	1/80
06	337	Time	1	O/Z	TM	4/8

Syntax Notes

04 P0405

Semantic Notes

03 BAA03 is the account adjustment date.
06 BAA06 is the account adjustment time.

BAK - Beginning Segment for Purchase Order Acknowledgment

To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

TRANSACTION SETS USED IN
855

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	587	Acknowledgment Type Code	1	M	ID	2/2
03	324	Purchase Order Number	1	M	AN	1/22
04	373	Date	1	M/Z	DT	8/8
05	328	Release Number	1	O	AN	1/30
06	326	Request Reference Number	1	O	AN	1/45
07	367	Contract Number	1	O	AN	1/30
08	127	Reference Identification	1	O/Z	AN	1/80
09	373	Date	1	O/Z	DT	8/8
10	640	Transaction Type Code	1	O	ID	2/2

Semantic Notes

04 BAK04 is the date assigned by the purchaser to purchase order.
08 BAK08 is the seller's order number.
09 BAK09 is the date assigned by the sender to the acknowledgment.

BAL - Balance Detail

To identify the specific monetary balances associated with a particular account

TRANSACTION SETS USED IN

187 248 568 810 811 884

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	951	Balance Type Code	1	M	ID	1/2
02	522	Amount Qualifier Code	1	M	ID	1/3
03	782	Monetary Amount	1	M	R	1/18

BAT - Batch

To indicate batch identifying information

TRANSACTION SETS USED IN
823

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	X	DT	8/8
02	337	Time	1	O	TM	4/8
03	127	Reference Identification	1	X/Z	AN	1/80
04	894	Batch Type Code	1	O	ID	2/2

Syntax Notes

01 R0103

Semantic Notes

03 BAT03 is the batch number.

BAU - Beginning Segment for the Debit Authorization

To identify the beginning of the Debit Authorization Transaction Set; the BAU segment is used to identify the financial institution and account of the payer (i.e., the party authorizing the debit against its account)

TRANSACTION SETS USED IN

828

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	591	Payment Method Code	1	M	ID	3/3
03	506	(DFI) ID Number Qualifier	1	M	ID	2/2
04	507	(DFI) Identification Number	1	M	AN	3/12
05	508	Account Number	1	M	AN	1/35
06	93	Name	1	O/Z	AN	1/60

Semantic Notes

01 BAU01 is assigned by the account holder's application and relevant as an application trace number.

06 BAU06 identifies the party holding the account being debited. If used, it further serves to identify the account holder to the financial institution.

Comments

00 The reference information in the BAU segment is meaningful to the originator of the authorization, not the originator of the debit.

BAX - Beginning Segment for Advance Consist and Transportation Automatic Equipment ID

To transmit identifying numbers, dates, and other basic data relating to the transaction set

TRANSACTION SETS USED IN
160 418

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	154	Standard Point Location Code	1	M	ID	6/9
02	579	Type of Consist Code	1	M	ID	1/1
03	374	Date/Time Qualifier	1	M	ID	3/3
04	373	Date	1	M	DT	8/8
05	337	Time	1	M	TM	4/8
06	41	Interchange Train Identification	1	O	AN	1/10
07	154	Standard Point Location Code	1	O	ID	6/9
08	127	Reference Identification	1	O/Z	AN	1/80
09	1280	Direction Identifier Code	1	O	ID	1/1
10	373	Date	1	X/Z	DT	8/8
11	337	Time	1	X/Z	TM	4/8
12	623	Time Code	1	O	ID	2/2
13	353	Transaction Set Purpose Code	1	O	ID	2/2
14	284	Service Level Code	1	O	ID	2/2
15	41	Interchange Train Identification	1	O	AN	1/10
16	1470	Number	1	O	N0	1/9

Syntax Notes

11	C1110
12	C1211

Semantic Notes

08	BAX08 is the Reader Identification Number.
10	BAX10 is the date the last piece of equipment passed the reader.
11	BAX11 is the time the last piece of equipment passed the reader.

BBC - Legal Claims

To identify the basis and type of a legal claim

TRANSACTION SETS USED IN

155 176

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1017	Claim Type Code	1	M	ID	1/2
02	352	Description	1	O	AN	1/80

BC - Beginning Segment for Contract Completion Status

To indicate the beginning of a Contract Completion Status Transaction Set

TRANSACTION SETS USED IN
567

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	373	Date	1	O/Z	DT	8/8
03	337	Time	1	O/Z	TM	4/8
04	127	Reference Identification	1	O/Z	AN	1/80
05	127	Reference Identification	1	O/Z	AN	1/80
06	640	Transaction Type Code	1	O	ID	2/2
07	306	Action Code	1	O	ID	1/2

Semantic Notes

02 BC02 is the date of transaction set preparation.
03 BC03 is the time of transaction set preparation.
04 BC04 is the transaction reference number.
05 BC05 is the reference number of a previous transaction.

BCA - Beginning Segment for Purchase Order Change Acknowledgment

To indicate the beginning of the Purchase Order Change Acknowledgment Transaction Set and transmit identifying numbers and dates

TRANSACTION SETS USED IN
865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	587	Acknowledgment Type Code	1	O	ID	2/2
03	324	Purchase Order Number	1	M	AN	1/22
04	328	Release Number	1	O	AN	1/30
05	327	Change Order Sequence Number	1	O	AN	1/8
06	373	Date	1	M/Z	DT	8/8
07	326	Request Reference Number	1	O	AN	1/45
08	367	Contract Number	1	O	AN	1/30
09	127	Reference Identification	1	O/Z	AN	1/80
10	373	Date	1	O/Z	DT	8/8
11	373	Date	1	O/Z	DT	8/8
12	373	Date	1	O/Z	DT	8/8
13	92	Purchase Order Type Code	1	O	ID	2/2
14	786	Security Level Code	1	O	ID	2/2
15	640	Transaction Type Code	1	O	ID	2/2

Semantic Notes

06 BCA06 is the date assigned by the purchaser to purchase order.
09 BCA09 is the seller's order number.
10 BCA10 is the date assigned by the sender to the acknowledgment.
11 BCA11 is the date of the purchase order change request.
12 BCA12 is the order change acknowledgment date.

BCD - Beginning Credit/Debit Adjustment

To transmit identifying dates and numbers for the transaction set and indicate the monetary value to the receiver of the transaction

TRANSACTION SETS USED IN
812

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M/Z	DT	8/8
02	475	Credit/Debit Adjustment Number	1	M	AN	1/22
03	305	Transaction Handling Code	1	M	ID	1/2
04	610	Amount	1	M/Z	N2	1/15
05	478	Credit/Debit Flag Code	1	M	ID	1/1
06	373	Date	1	O/Z	DT	8/8
07	76	Invoice Number	1	X	AN	1/22
08	424	Vendor Order Number	1	O	AN	1/22
09	373	Date	1	O/Z	DT	8/8
10	324	Purchase Order Number	1	X	AN	1/22
11	353	Transaction Set Purpose Code	1	O	ID	2/2
12	640	Transaction Type Code	1	O	ID	2/2
13	128	Reference Identification Qualifier	1	X	ID	2/3
14	127	Reference Identification	1	X	AN	1/80
15	306	Action Code	1	O	ID	1/2

Syntax Notes

07 R071014
13 P1314

Semantic Notes

01 BCD01 is the credit/debit adjustment date.
04 BCD04 is the net amount of this complete transaction.
06 BCD06 is the invoice date.
09 BCD09 is the purchase order date.

Comments

07 If using BCD07 or BCD10, do not use BCD14 to identify invoice number or purchase order number.
11 For BCD11, only codes 00, 05, 06, 07, and 15 are permitted to be used.

BCH - Beginning Segment for Purchase Order Change

To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates

TRANSACTION SETS USED IN
860

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	92	Purchase Order Type Code	1	M	ID	2/2
03	324	Purchase Order Number	1	M	AN	1/22
04	328	Release Number	1	O	AN	1/30
05	327	Change Order Sequence Number	1	O	AN	1/8
06	373	Date	1	M/Z	DT	8/8
07	326	Request Reference Number	1	O	AN	1/45
08	367	Contract Number	1	O	AN	1/30
09	127	Reference Identification	1	O/Z	AN	1/80
10	373	Date	1	O/Z	DT	8/8
11	373	Date	1	O/Z	DT	8/8
12	1166	Contract Type Code	1	O	ID	2/2
13	786	Security Level Code	1	O	ID	2/2
14	587	Acknowledgment Type Code	1	O	ID	2/2
15	640	Transaction Type Code	1	O	ID	2/2
16	1232	Purchase Category Code	1	O	ID	2/2

Semantic Notes

06 BCH06 is the date assigned by the purchaser to purchase order.
09 BCH09 is the seller's order number.
10 BCH10 is the date assigned by the sender to the acknowledgment.
11 BCH11 is the date of the purchase order change request.

BCI - Basic Claim Information

To identify information basic to the processing of any claims transaction

TRANSACTION SETS USED IN
124 272 274

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1271	Industry Code	1	O/Z	AN	1/30
02	1336	Insurance Type Code	1	O	ID	1/3
03	127	Reference Identification	1	O/Z	AN	1/80
04	156	State or Province Code	1	O/Z	ID	2/2
05	1250	Date Time Period Format Qualifier	1	X	ID	2/3
06	1251	Date Time Period	1	X/Z	AN	1/35
07	755	Report Type Code	1	O	ID	2/2
08	100	Currency Code	1	O/Z	ID	3/3

Syntax Notes

05 P0506

Semantic Notes

01 BCI01 is used to specify the line of insurance (i.e., line of business).
03 BCI03 is used to specify the actual policy number.
04 BCI04 is used to specify the state associated with the policy (i.e., policy's base state).
06 BCI06 is used to specify the range of dates the policy was in effect.
08 BCI08 is used to specify the currency specified in a contractual agreement of the policy.

BCM - Beginning Segment for Contractor Cost Data Reporting

To indicate the beginning of the contractor cost data reports and transmit identifying numbers, descriptions, action codes, program and contract type, funding identification, and security level

TRANSACTION SETS USED IN
196

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	373	Date	1	M/Z	DT	8/8
03	373	Date	1	M/Z	DT	8/8
04	367	Contract Number	1	X	AN	1/30
05	369	Free-form Description	1	X/Z	AN	1/45
06	1308	Contract Action Code	1	O	ID	2/2
07	1193	Program Type Code	1	O	ID	2/2
08	369	Free-form Description	1	O/Z	AN	1/45
09	1198	Contracting Funding Code	1	O	ID	2/2
10	1166	Contract Type Code	1	O	ID	2/2
11	786	Security Level Code	1	O	ID	2/2
12	100	Currency Code	1	O	ID	3/3

Syntax Notes

04 R0405

Semantic Notes

02 BCM02 is the transaction set effective date.
03 BCM03 is the report effective date.
05 BCM05 is used to describe the report.
08 BCM08 is used to describe other unlisted program types.

BCO - Beginning Segment for Procurement Notices

To indicate the beginning of the Procurement Notices Transaction Set and transmit identifying numbers and dates

TRANSACTION SETS USED IN
836

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	586	Request for Quote Reference Number	1	O	AN	1/45
03	373	Date	1	O/Z	DT	8/8
04	127	Reference Identification	1	O/Z	AN	1/80
05	846	Contract Status Code	1	O	ID	2/2
06	373	Date	1	O/Z	DT	8/8
07	373	Date	1	O/Z	DT	8/8
08	587	Acknowledgment Type Code	1	O	ID	2/2
09	128	Reference Identification Qualifier	1	X	ID	2/3
10	127	Reference Identification	1	X	AN	1/80
11	640	Transaction Type Code	1	O	ID	2/2
12	306	Action Code	1	O	ID	1/2

Syntax Notes

09 P0910

Semantic Notes

03 BCO03 is the date to be used for reference purposes in an RFQ and a response to RFQ.
04 BCO04 is the contract number.
06 BCO06 is the contract beginning date.
07 BCO07 is the contract expiration date.

BCP - Beginning Segment for Contract Pricing Proposal

To indicate the beginning of a Contract Pricing Proposal Transaction Set and transmit identifying numbers and dates

TRANSACTION SETS USED IN
805

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	128	Reference Identification Qualifier	1	M	ID	2/3
03	127	Reference Identification	1	M	AN	1/80
04	373	Date	1	O/Z	DT	8/8
05	1308	Contract Action Code	1	O	ID	2/2
06	1166	Contract Type Code	1	O	ID	2/2
07	373	Date	1	O/Z	DT	8/8
08	337	Time	1	O/Z	TM	4/8
09	327	Change Order Sequence Number	1	O	AN	1/8
10	127	Reference Identification	1	O/Z	AN	1/80
11	127	Reference Identification	1	O/Z	AN	1/80
12	352	Description	1	O/Z	AN	1/80
13	352	Description	1	O/Z	AN	1/80

Semantic Notes

04 BCP04 is the start of the proposer's fiscal year.
07 BCP07 is the transaction creation date.
08 BCP08 is the transaction creation time.
10 BCP10 is the revision number of the proposal.
11 BCP11 is the option number being proposed.
12 BCP12 is the description of an "other" type of contract action.
13 BCP13 is the description of an "other" type of contract.

BCQ - Beginning Segment for Shipper's Car Order

To indicate the beginning of the Shipper's Car Order Transaction Set and transmit identifying numbers and dates

TRANSACTION SETS USED IN
422

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	373	Date	1	M/Z	DT	8/8
03	337	Time	1	M/Z	TM	4/8
04	127	Reference Identification	1	O/Z	AN	1/80
05	140	Standard Carrier Alpha Code	1	O	ID	2/4
06	640	Transaction Type Code	1	O	ID	2/2
07	1271	Industry Code	1	O/Z	AN	1/30

Semantic Notes

02 BCQ02 is the transaction date.
03 BCQ03 is the transaction time.
04 BCQ04 is the unique customer order number.
07 BCQ07 is the Association of American Railroads (AAR) Status Code for the Car Order.

BCS - Beginning Segment for Project Cost Reporting

To indicate the beginning of the Project Cost Reporting Transaction Set and provide information identifying a program name, number, contract type, and security classification

TRANSACTION SETS USED IN
839

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	373	Date	1	M/Z	DT	8/8
03	367	Contract Number	1	M	AN	1/30
04	373	Date	1	M/Z	DT	8/8
05	1166	Contract Type Code	1	O	ID	2/2
06	352	Description	1	O/Z	AN	1/80
07	127	Reference Identification	1	O/Z	AN	1/80
08	1193	Program Type Code	1	O	ID	2/2
09	786	Security Level Code	1	O	ID	2/2
10	954	Percentage as Decimal	1	O/Z	R	1/10
11	954	Percentage as Decimal	1	O/Z	R	1/10
12	C001	Composite Unit of Measure	1	O/Z		

Semantic Notes

02	BCS02 is the transaction set date.
04	BCS04 is the report effective date.
06	BCS06 is the program name.
07	BCS07 is the program number identification.
10	BCS10 is the customer share ratio number.
11	BCS11 is the contractor share ratio number.
12	BCS12 is the notation for the total project monetary costs.
12	If BCS12 is absent, the total project monetary costs are assumed to be whole dollar amounts.

BCT - Beginning Segment for Price/Sales Catalog

To indicate the beginning of the Price/Sales Catalog Transaction Set and specify catalog purpose and number information

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	683	Catalog Purpose Code	1	M	ID	2/2
02	684	Catalog Number	1	O	AN	1/15
03	685	Catalog Version Number	1	O	AN	1/15
04	686	Catalog Revision Number	1	O	AN	1/6
05	355	Unit or Basis for Measurement Code	1	O	ID	2/2
06	684	Catalog Number	1	O	AN	1/15
07	685	Catalog Version Number	1	O	AN	1/15
08	686	Catalog Revision Number	1	O	AN	1/6
09	352	Description	1	O	AN	1/80
10	353	Transaction Set Purpose Code	1	O	ID	2/2

BCU - Legal Claim Updates

To identify specific actions already taken on a legal claim, and/or indicate that information related to a previously filed claim is being updated by this transaction

TRANSACTION SETS USED IN
176

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
02	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
05	306	Action Code	1	O	ID	1/2
06	127	Reference Identification	1	O/Z	AN	1/80
07	373	Date	1	O/Z	DT	8/8

Semantic Notes

01 BCU01 indicates if a related claim has been filed in this case before. A "Y" indicates a related claim has been filed previously; an "N" indicates no related claim has been filed.

02 BCU02 indicates if notices in this case have never been previously received. A "Y" indicates that no notice has been received; an "N" indicates that notice has been received.

03 BCU03 is a change of address indicator. A "Y" indicates that the address submitted is different than the address on notices received; an "N" indicates there is no change of address.

04 BCU04 indicates if notice is required under Bankruptcy Rule 3004. A "Y" indicates notice is required; an "N" indicates notice is not required.

06 BCU06 is a previous claim number.

07 BCU07 is the previous claim date.

BDD - Beginning Segment for Shipment Delivery Discrepancy Information

To transmit identifying numbers and other basic data relating to the transaction set

TRANSACTION SETS USED IN

854

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	76	Invoice Number	1	M	AN	1/22
02	140	Standard Carrier Alpha Code	1	M	ID	2/4
03	145	Shipment Identification Number	1	O	AN	1/30

BDS - Binary Data Structure

To transfer binary data in a single data segment, convey a critical filter for transmission and allow identification of the end of the data segment through a count; there is no identification of the internal structure of the binary data in this segment

TRANSACTION SETS USED IN

102 179 271 274 275 824

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1570	Filter ID Code	1	M	ID	3/3
02	784	Length of Binary Data	1	M/Z	N0	1/15
03	785	Binary Data	1	M	B	1/999999999999999

Semantic Notes

02 BDS02 is the length of the data in BDS03 after application of the filter indicated by BDS01. For example, a 1000 byte binary file that has been filtered using Base 64 encoding (value 'B64' in BDS01) will have a value of 1336 in the BDS02.

BEG - Beginning Segment for Purchase Order

To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

TRANSACTION SETS USED IN
850

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	92	Purchase Order Type Code	1	M	ID	2/2
03	324	Purchase Order Number	1	M	AN	1/22
04	328	Release Number	1	O	AN	1/30
05	373	Date	1	M/Z	DT	8/8
06	367	Contract Number	1	O	AN	1/30
07	587	Acknowledgment Type Code	1	O	ID	2/2
08	1019	Invoice Type Code	1	O	ID	3/3
09	1166	Contract Type Code	1	O	ID	2/2
10	1232	Purchase Category Code	1	O	ID	2/2
11	786	Security Level Code	1	O	ID	2/2
12	640	Transaction Type Code	1	O	ID	2/2

Semantic Notes

05 BEG05 is the date assigned by the purchaser to purchase order.

BEN - Beneficiary or Owner Information

To supply beneficiary, co-participant, and owner information

TRANSACTION SETS USED IN
111 267 268 273 834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1130	Primary or Contingent Code	1	O	ID	1/1
02	954	Percentage as Decimal	1	O/Z	R	1/10
03	1069	Individual Relationship Code	1	O	ID	2/2
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	1187	Type of Account Code	1	O	ID	2/2

Semantic Notes

02 BEN02 is the percent of benefits that the beneficiary will receive.

04 BEN04 is the employee signature on file indicator. A "Y" value indicates the employee signature has been obtained and is on file; an "N" value indicates the employee signature has not been obtained.

05 BEN05 is spouse signature on file indicator. A "Y" value indicates the spouse signature has been obtained and is on file; an "N" value indicates the spouse signature has not been obtained.

BEP - Borrower Education Program

To identify the type and location of borrower education provided

TRANSACTION SETS USED IN

201 202

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1133	Program Participation and Services Code	1	M	ID	1/2
02	1132	Instructional Setting Code	1	O	ID	1/2

BER - Beer Information

To specify beer style and related characteristics

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1832	Beer Style	1	M	ID	2/3
02	739	Measurement Value	1	O/Z	R	1/20

Semantic Notes

02 BER02 is the value of a beer's bitterness, identified in the International Bitterness Units (IBU) Scale

BFR - Beginning Segment for Planning Schedule

To indicate the beginning of a planning schedule transaction set; whether a ship or delivery based forecast; and related forecast envelope dates

TRANSACTION SETS USED IN
830

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M/Z	ID	2/2
02	127	Reference Identification	1	X/Z	AN	1/80
03	328	Release Number	1	X	AN	1/30
04	675	Schedule Type Qualifier	1	M	ID	2/2
05	676	Schedule Quantity Qualifier	1	M	ID	1/1
06	373	Date	1	M/Z	DT	8/8
07	373	Date	1	O/Z	DT	8/8
08	373	Date	1	M/Z	DT	8/8
09	373	Date	1	O/Z	DT	8/8
10	367	Contract Number	1	O	AN	1/30
11	324	Purchase Order Number	1	O	AN	1/22
12	783	Planning Schedule Type Code	1	O	ID	2/2
13	306	Action Code	1	O	ID	1/2

Syntax Notes

02	R0203

Semantic Notes

01	If BFR01 contains the value "04" (Net Change), BFR09 is required.
02	BFR02 is the identifying number for a forecast assigned by the orderer/purchaser.
06	BFR06 is the forecast horizon start date: The date when the forecast horizon (envelope) begins.
07	BFR07 is the forecast horizon end date: The date when the forecast horizon (envelope) ends.
08	BFR08 is the date forecast generated: The date the forecast data was generated.
09	BFR09 is the date forecast updated: The date the forecast was updated with "net change" data. (Used only when data element 353 in BFR01 contains the value "04", meaning net change.)

BFS - Borrower Financial Summary

To provide summary totals for borrower's financial position

TRANSACTION SETS USED IN
872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	122	Rate/Value Qualifier	1	O/Z	ID	2/2
02	782	Monetary Amount	1	X/Z	R	1/18
03	122	Rate/Value Qualifier	1	O/Z	ID	2/2
04	782	Monetary Amount	1	X/Z	R	1/18
05	373	Date	1	O/Z	DT	8/8
06	782	Monetary Amount	1	X/Z	R	1/18
07	373	Date	1	O/Z	DT	8/8
08	782	Monetary Amount	1	X/Z	R	1/18
09	1186	Type of Income Code	1	O/Z	ID	2/2
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

01	C0102
03	C0304
05	C0506
07	C0708

Semantic Notes

01	BFS01 defines period for income total.
02	BFS02 defines borrower income amount.
03	BFS03 defines period for expense total.
04	BFS04 defines borrower expense amount.
05	BFS05 defines asset total effective date.
06	BFS06 defines borrower asset total.
07	BFS07 defines borrower liability total effective date.
08	BFS08 defines borrower liability total.
09	BFS09 is used to state the source of borrower income.
10	BFS10 defines if the borrower is a non-occupant. A "Y" indicates the borrower is a non-occupant; an "N" indicates the borrower is an occupant.

BGF - Beginning Segment for File Transfer Information

To transmit identifying numbers, dates, and other basic data relating to the transaction set

TRANSACTION SETS USED IN
996

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	143	Transaction Set Identifier Code	1	O	ID	3/3
02	128	Reference Identification Qualifier	1	M	ID	2/3
03	127	Reference Identification	1	M	AN	1/80

Comments

00	Due to the installation of the ST segment in all transaction sets, data element 143 in all of the "B" segments is redundant. DE 143 will be retained as an optional data element for a period of adjustment. It is suggested that DE 143 not be transmitted so it may be dropped from segment definitions in the future.
00	The reference number qualifier code for file identifier is "FI".

BGN - Beginning Segment

To indicate the beginning of a transaction set

TRANSACTION SETS USED IN

100 101 103 105 106 107 108 112 113 124 130 131 132 133 135 138 139 140 141 142 143 144 146 147
149 150 152 154 155 157 158 159 175 176 179 180 185 186 187 189 190 191 194 195 197 198 199 200
201 202 203 205 206 228 240 242 244 245 249 250 251 252 255 259 260 261 262 263 264 265 266 267
268 269 272 273 275 280 283 284 285 286 288 362 423 432 433 470 475 500 501 503 504 521 540 561
568 603 620 625 650 715 753 754 814 822 824 831 833 834 853 872 873 874 877 881 887 888 891 892

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	127	Reference Identification	1	M/Z	AN	1/80
03	373	Date	1	M/Z	DT	8/8
04	337	Time	1	X/Z	TM	4/8
05	623	Time Code	1	O/Z	ID	2/2
06	127	Reference Identification	1	O/Z	AN	1/80
07	640	Transaction Type Code	1	O	ID	2/2
08	306	Action Code	1	O	ID	1/2
09	786	Security Level Code	1	O	ID	2/2

Syntax Notes

05 C0504

Semantic Notes

02 BGN02 is the transaction set reference number.

03 BGN03 is the transaction set date.

04 BGN04 is the transaction set time.

05 BGN05 is the transaction set time qualifier.

06 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

BGP - Beginning Segment for Problem Log Inquiry or Advice

To provide identifying numbers associated with the creation and maintenance of Interline Service Management problem logs

TRANSACTION SETS USED IN
452

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	1484	Problem Log Reason Code	1	O	ID	2/2
03	128	Reference Identification Qualifier	1	X	ID	2/3
04	127	Reference Identification	1	X	AN	1/80
05	206	Equipment Initial	1	X	AN	1/4
06	207	Equipment Number	1	X	AN	1/15
07	1251	Date Time Period	1	O	AN	1/35
08	154	Standard Point Location Code	1	O/Z	ID	6/9
09	41	Interchange Train Identification	1	O/Z	AN	1/10

Syntax Notes

03 P0304
05 P0506

Semantic Notes

08 BGP08 is the Standard Point Location Code of the problem.
09 BGP09 is the Train ID associated with the problem.

Comments

07 BGP07 is the date associated with a trip cycle in (CCYYMMDD) format. This data will be used to identify a trip cycle. If a problem log exists for the equipment during the trip cycle, problem log information will be returned.

BHT - Beginning of Hierarchical Transaction

To define the business hierarchical structure of the transaction set and identify the business application purpose and reference data, i.e., number, date, and time

TRANSACTION SETS USED IN

111 148 248 270 271 274 276 277 278 816 837 847 857 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1005	Hierarchical Structure Code	1	M	ID	4/4
02	353	Transaction Set Purpose Code	1	M	ID	2/2
03	127	Reference Identification	1	O/Z	AN	1/80
04	373	Date	1	O/Z	DT	8/8
05	337	Time	1	O/Z	TM	4/8
06	640	Transaction Type Code	1	O	ID	2/2

Semantic Notes

03	BHT03 is the number assigned by the originator to identify the transaction within the originator's business application system.
04	BHT04 is the date the transaction was created within the business application system.
05	BHT05 is the time the transaction was created within the business application system.

BIA - Beginning Segment for Inventory Inquiry/Advice

To indicate the beginning of an Inventory Inquiry/Advice Transaction Set

TRANSACTION SETS USED IN
846

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	755	Report Type Code	1	M	ID	2/2
03	127	Reference Identification	1	M/Z	AN	1/80
04	373	Date	1	M/Z	DT	8/8
05	337	Time	1	O/Z	TM	4/8
06	306	Action Code	1	O	ID	1/2

Semantic Notes

03 BIA03 identifies the number of the inquiry/advice that is transferred.
04 BIA04 identifies the date of the inquiry/advice that is transferred.
05 BIA05 identifies the time of the inquiry/advice that is transferred.

BIG - Beginning Segment for Invoice

To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

TRANSACTION SETS USED IN

810 811

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M/Z	DT	8/8
02	76	Invoice Number	1	M	AN	1/22
03	373	Date	1	O/Z	DT	8/8
04	324	Purchase Order Number	1	O	AN	1/22
05	328	Release Number	1	O	AN	1/30
06	327	Change Order Sequence Number	1	O	AN	1/8
07	640	Transaction Type Code	1	O	ID	2/2
08	353	Transaction Set Purpose Code	1	O	ID	2/2
09	306	Action Code	1	O	ID	1/2
10	76	Invoice Number	1	O/Z	AN	1/22
11	1005	Hierarchical Structure Code	1	O	ID	4/4

Semantic Notes

01 BIG01 is the invoice issue date.

03 BIG03 is the date assigned by the purchaser to purchase order.

10 BIG10 is the consolidated invoice number associated with the invoice identified in BIG02. When BIG07 contains code CI (Consolidated Invoice), BIG02 will contain the consolidated invoice number and BIG10 is not used.

Comments

07 BIG07 is used only to further define the type of invoice when needed.

BIN - Binary Data Segment

To transfer binary data in a single data segment and allow identification of the end of the data segment through a count; there is no identification of the internal structure of the binary data in this segment

TRANSACTION SETS USED IN

105 176 186 187 197 240 252 255 267 268 280 841 842

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	784	Length of Binary Data	1	M	N0	1/15
02	785	Binary Data	1	M	B	1/999999999999999

BIX - Beginning Segment for Automotive Inspection

To transmit identifying numbers, dates, and other basic data relating to the transaction set

TRANSACTION SETS USED IN

928

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	140	Standard Carrier Alpha Code	1	M	ID	2/4
03	373	Date	1	M	DT	8/8
04	831	Inspection Location Type Code	1	M	ID	1/2
05	832	Ramp Identification	1	O	AN	1/9
06	19	City Name	1	O	AN	2/30
07	156	State or Province Code	1	O	ID	2/2
08	834	Inspector Identity Code	1	O	AN	1/6
09	927	Damage Code Qualifier	1	O	ID	1/1
10	66	Identification Code Qualifier	1	O	ID	1/2
11	67	Identification Code	1	O	AN	2/80

BJF - Beginning Segment Railroad Junctions and Interchanges Update Activity

To define the purpose, junction and standard point location code for the Railroad Junctions and Interchanges Update Activity Transaction Set

TRANSACTION SETS USED IN
437

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	640	Transaction Type Code	1	M	ID	2/2
03	638	Rule 260 Junction Code	1	M/Z	ID	1/5
04	154	Standard Point Location Code	1	O	ID	6/9
05	19	City Name	1	X	AN	2/30
06	156	State or Province Code	1	X	ID	2/2
07	26	Country Code	1	O	ID	2/3

Syntax Notes

04	C040506
05	P0506
07	C070506

Semantic Notes

03	BJF03 is the official Rule 260 Junction Name.

BL - Billing Information

To identify the individual billing segments within a movement when joint rail rates have been established between carriers but do not cover the entire movement

TRANSACTION SETS USED IN
404 410 417 426 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	747	Rebill Reason Code	1	M	ID	2/2
02	573	Freight Station Accounting Code	1	X/Z	ID	1/5
03	573	Freight Station Accounting Code	1	X/Z	ID	1/5
04	154	Standard Point Location Code	1	O/Z	ID	6/9
05	19	City Name	1	X/Z	AN	2/30
06	156	State or Province Code	1	O	ID	2/2
07	26	Country Code	1	O	ID	2/3
08	154	Standard Point Location Code	1	O/Z	ID	6/9
09	19	City Name	1	X/Z	AN	2/30
10	156	State or Province Code	1	O	ID	2/2
11	26	Country Code	1	O	ID	2/3
12	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
13	140	Standard Carrier Alpha Code	1	O	ID	2/4
14	140	Standard Carrier Alpha Code	1	O	ID	2/4
15	140	Standard Carrier Alpha Code	1	O	ID	2/4
16	140	Standard Carrier Alpha Code	1	O	ID	2/4
17	140	Standard Carrier Alpha Code	1	O	ID	2/4

Syntax Notes

02	R0205
03	R0309
06	C0605
10	C1009

Semantic Notes

02	BL02 is the FSAC for the origin point of the rate for this portion of this movement.
03	BL03 is the FSAC for the destination point of the rate for this portion of the movement.
04	BL04 is the Standard Point Location Code (SPLC) for the origin point of the rate for this portion of the movement.
05	BL05 through BL07 is the city, state, and country for the rate for the beginning portion of the move.
08	BL08 is the Standard Point Location Code (SPLC) for the destination point of the rate for this portion of the move.
09	BL09 through BL11 is the city, state, and country for the rate for ending portion of the move.
12	BL12 is the Standard Carrier Alpha Code (SCAC) of the first carrier participating in the rate for the move defined in BL02 through BL11.

BLI - Basic Baseline Item Data

To specify basic item data: item identification, quantity, and price

TRANSACTION SETS USED IN
100 111 180 256 267 268 273

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	235	Product/Service ID Qualifier	1	M	ID	2/2
02	234	Product/Service ID	1	M	AN	1/80
03	380	Quantity	1	X	R	1/15
04	355	Unit or Basis for Measurement Code	1	O	ID	2/2
05	236	Price Identifier Code	1	X	ID	3/3
06	212	Unit Price	1	X	R	1/17
07	355	Unit or Basis for Measurement Code	1	O	ID	2/2
08	235	Product/Service ID Qualifier	1	X	ID	2/2
09	234	Product/Service ID	1	X	AN	1/80
10	235	Product/Service ID Qualifier	1	X	ID	2/2
11	234	Product/Service ID	1	X	AN	1/80
12	235	Product/Service ID Qualifier	1	X	ID	2/2
13	234	Product/Service ID	1	X	AN	1/80
14	1161	Product Option Code	1	O	ID	1/2
15	1161	Product Option Code	1	O	ID	1/2
16	1161	Product Option Code	1	O	ID	1/2
17	1161	Product Option Code	1	O	ID	1/2
18	594	Frequency Code	1	O	ID	1/1

Syntax Notes

04	C0403
05	P0506
07	C0706
08	P0809
10	P1011
12	P1213

Comments

00	Element 235/234 combinations should be interpreted to include products or services. See the Data Element Dictionary for a complete list of IDs.
01	BLI01, BLI02, and BLI08 through BLI13 provide for four different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model, SKU.

BLN - Balance Information

To provide specific balance information for financial account reporting

TRANSACTION SETS USED IN
103 111 256 821 822

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	M	ID	1/3
02	1271	Industry Code	1	M	AN	1/30
03	782	Monetary Amount	1	M/Z	R	1/18
04	373	Date	1	O	DT	8/8
05	337	Time	1	X	TM	4/8
06	623	Time Code	1	O	ID	2/2

Syntax Notes

06 C0605

Semantic Notes

03 BLN03 is the monetary amount of a financial account balance type described in BLN02. A financial account may have more than one balance type. If more than one balance type is present, multiple BLN loops should be used.

BLR - Transportation Carrier Identification

To transmit the identifying SCAC code and effective date and time for the data in the transaction set

TRANSACTION SETS USED IN

106 108 212 217 227 432 455 754

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	373	Date	1	X/Z	DT	8/8
03	337	Time	1	O/Z	TM	4/8

Syntax Notes

03 C0302

Semantic Notes

02 BLR02 is the effective date of the data in this transaction set.

03 BLR03 is the effective time of the data in this transaction set.

BLS - Beginning Segment for Asset Schedule

To indicate the beginning of the Asset Schedule Transaction Set and transmit type of schedule and identifying numbers

TRANSACTION SETS USED IN
851

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	640	Transaction Type Code	1	M	ID	2/2
03	127	Reference Identification	1	M/Z	AN	1/80
04	373	Date	1	M	DT	8/8
05	337	Time	1	O	TM	4/8
06	587	Acknowledgment Type Code	1	O	ID	2/2

Semantic Notes

03 BLS03 is the lease schedule number.

BMA - Beginning Segment for Market Development Fund Allocation

To indicate identifying numbers, dates, and other basic data relative to market development funds

TRANSACTION SETS USED IN
883

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	127	Reference Identification	1	M/Z	AN	1/80
03	331	Allowance or Charge Method of Handling Code	1	M	ID	2/2
04	373	Date	1	M/Z	DT	8/8
05	373	Date	1	M/Z	DT	8/8
06	640	Transaction Type Code	1	M	ID	2/2
07	782	Monetary Amount	1	O/Z	R	1/18
08	352	Description	1	O/Z	AN	1/80

Semantic Notes

02 BMA02 is the Fund Identification Number.
04 BMA04 is the beginning date of the market development fund.
05 BMA05 is the ending date of the market development fund.
07 BMA07 is the overall market development fund amount.
08 BMA08 is the market development fund description.

BMG - Beginning Segment For Text Message

To indicate the beginning of a Text Message Transaction Set

TRANSACTION SETS USED IN

864

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	352	Description	1	O	AN	1/80
03	640	Transaction Type Code	1	O	ID	2/2

Comments

02	BMG02 contains the message subject.

BMM - Beginning Segment for Multilevel Railcar Load Details Transaction

To indicate the beginning of the Multilevel Railcar Load Details Transaction Set

TRANSACTION SETS USED IN

125

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	154	Standard Point Location Code	1	M/Z	ID	6/9
03	380	Quantity	1	M/Z	R	1/15
04	186	Waybill Number	1	M	N0	1/6
05	154	Standard Point Location Code	1	O/Z	ID	6/9
06	145	Shipment Identification Number	1	O	AN	1/30
07	1094	Vehicle Status	1	O	AN	1/2
08	508	Account Number	1	O/Z	AN	1/35
09	127	Reference Identification	1	O/Z	AN	1/80
10	353	Transaction Set Purpose Code	1	O	ID	2/2

Semantic Notes

01	BMM01 is the Standard Carrier Alpha Code (SCAC) for a railroad on whose line the shipment originated.
02	BMM02 is the railcar destination.
03	BMM03 is the number of vehicles on railcar.
05	BMM05 is the departure point for railcar shipments only.
08	BMM08 is the account number for charges.
09	BMM09 is the shipper's authorization number for nonstandard move.

BMP - Beginning Segment for Market Development Fund Settlement

To indicate identifying numbers and other basic data relative to market development funds

TRANSACTION SETS USED IN
884

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	305	Transaction Handling Code	1	M	ID	1/2
02	127	Reference Identification	1	M/Z	AN	1/80
03	591	Payment Method Code	1	O	ID	3/3
04	127	Reference Identification	1	O/Z	AN	1/80

Semantic Notes

02 BMP02 is the market development fund event identification number.

04 BMP04 is the fund identification number.

BMS - Beginning Segment For Material Safety Data Sheet

To indicate the beginning of the Material Safety Data Sheet Transaction Set, identify the distinct type of report, and transmit key identifying numbers and dates relating to that report

TRANSACTION SETS USED IN
848

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	373	Date	1	M/Z	DT	8/8
03	819	Language Code	1	O	ID	2/3
04	127	Reference Identification	1	O/Z	AN	1/80
05	796	Revision Value	1	O/Z	AN	1/30
06	127	Reference Identification	1	O	AN	1/80
07	796	Revision Value	1	O	AN	1/30
08	156	State or Province Code	1	O/Z	ID	2/2
09	26	Country Code	1	O/Z	ID	2/3

Semantic Notes

02 BMS02 specifies date the report is effective (YYMMDD).
04 BMS04 specifies sender's report identifier.
05 BMS05 indicates the chronological sequence of this revision.
08 BMS08 specifies the state or province for ultimate receipt of this report.
09 BMS09 specifies the country for ultimate receipt of this report.

Comments

01 If BMS01 is code "05" and BMS04 is used, then BMS06, if used, must identify the previous version of this report which is being replaced.
01 If BMS01 is code "05" and BMS05 is used, then BMS07, if used, must identify the previous version of this report which is being replaced.
03 BMS03 specifies the language of the text information in the Material Safety Data Sheet (MSDS).

BNR - Beginning Segment For Nonconformance Report

To indicate the beginning of a Nonconformance Report Transaction Set

TRANSACTION SETS USED IN

842

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	127	Reference Identification	1	M/Z	AN	1/80
03	373	Date	1	M/Z	DT	8/8
04	337	Time	1	O/Z	TM	4/8
05	886	Nonconformance Report Status Code	1	O	ID	2/2
06	640	Transaction Type Code	1	O	ID	2/2

Semantic Notes

02 BNR02 is the nonconformance report identifier number.

03 BNR03 is the date that the nonconformance report was created.

04 BNR04 is the time that the nonconformance report was created.

Comments

05 BNR05 indicates the status or intention of the nonconformance report.

BNX - Rail Shipment Information

To transmit rail-specific shipment data

TRANSACTION SETS USED IN

404 417 426 858 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	460	Shipment Weight Code	1	O	ID	1/1
02	129	Referenced Pattern Identifier	1	O	AN	1/13
03	11	Billing Code	1	O	ID	1/1
04	223	Repetitive Pattern Number	1	O	N0	5/5

BOL - Beginning Segment for the Motor Carrier Bill of Lading

To transmit identifying numbers, dates, and other basic data related to the transaction set

TRANSACTION SETS USED IN

211

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	146	Shipment Method of Payment Code	1	M/Z	ID	2/2
03	145	Shipment Identification Number	1	M/Z	AN	1/30
04	373	Date	1	M/Z	DT	8/8
05	337	Time	1	O/Z	TM	4/8
06	127	Reference Identification	1	O/Z	AN	1/80
07	160	Status Report Request Code	1	O	ID	1/1
08	226	Section Seven Code	1	O	ID	1/1
09	501	Customs Documentation Handling Code	1	O	ID	2/2
10	146	Shipment Method of Payment Code	1	O/Z	ID	2/2
11	100	Currency Code	1	O/Z	ID	3/3

Semantic Notes

01	BOL01 is the Standard Carrier Alpha Code (SCAC) of the carrier that is to provide transportation services.
02	BOL02 is the method of payment for the freight charges.
03	BOL03 is the identification number assigned by the shipper, usually the Bill of Lading number.
04	BOL04 is the date the carrier picked up the freight.
05	BOL05 is the actual time the carrier picked up the freight.
06	BOL06 is the number assigned by the carrier to the shipment, usually the PRO number.
10	BOL10 is the method of payment for the COD fee.
11	BOL11 is the currency that all monetary units are specified in for this transaction set.

BOR - Beginning of Report

To identify characteristic information of the report being transmitted

TRANSACTION SETS USED IN
186

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	755	Report Type Code	1	M	ID	2/2
02	127	Reference Identification	1	O/Z	AN	1/80
03	127	Reference Identification	1	O/Z	AN	1/80
04	127	Reference Identification	1	O/Z	AN	1/80
05	1250	Date Time Period Format Qualifier	1	X	ID	2/3
06	1251	Date Time Period	1	X/Z	AN	1/35
07	91	Transportation Method/Type Code	1	O/Z	ID	1/2
08	306	Action Code	1	O	ID	1/2
09	641	Status Reason Code	1	O	ID	3/3
10	819	Language Code	1	O/Z	ID	2/3

Syntax Notes

05 P0506

Semantic Notes

02 BOR02 is the vendor assigned case number.
03 BOR03 is the form number used in the report.
04 BOR04 is the physical order ticket number.
06 BOR06 indicates date report was sent to client.
07 BOR07 is the method by which laboratory test samples were sent.
10 BOR10 indicates language used on the report.

BOS - Beginning Segment for Joint Interest Billing and Operating Expense Statement

To indicate the beginning of a joint interest billing and operating expense statement transaction and to transmit the identifying numbers and dates

TRANSACTION SETS USED IN
819

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	613	Statement Number	1	M	AN	1/16
02	373	Date	1	M/Z	DT	8/8
03	559	Agency Qualifier Code	1	O	ID	2/2
04	781	Statement Format Code	1	O	ID	6/6
05	640	Transaction Type Code	1	O	ID	2/2
06	373	Date	1	O/Z	DT	8/8

Semantic Notes

02 BOS02 is the period ending date for the month the charges are for.

06 BOS06 is the date of the invoice to which the information applies.

BOX - Box Office Detail

To provide detail information regarding a specific event

TRANSACTION SETS USED IN
170

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	594	Frequency Code	1	M	ID	1/1
02	1162	Show Code	1	M	ID	2/2
03	1163	Ticket Category Code	1	M	ID	2/2
04	782	Monetary Amount	1	M/Z	R	1/18
05	100	Currency Code	1	O/Z	ID	3/3
06	782	Monetary Amount	1	O/Z	R	1/18
07	380	Quantity	1	O/Z	R	1/15
08	380	Quantity	1	O/Z	R	1/15
09	380	Quantity	1	O/Z	R	1/15
10	380	Quantity	1	O/Z	R	1/15
11	782	Monetary Amount	1	O/Z	R	1/18
12	212	Unit Price	1	O/Z	R	1/17
13	782	Monetary Amount	1	O/Z	R	1/18
14	127	Reference Identification	1	O/Z	AN	1/80
15	127	Reference Identification	1	O/Z	AN	1/80

Semantic Notes

04 BOX04 is the gross box office receipts.
05 If BOX05 is omitted, currency is assumed to be in U.S. Dollars.
06 BOX06 is the total tax amount.
07 BOX07 is the total number of tickets sold.
08 BOX08 is the total tickets refunded and voided.
09 BOX09 is the total tickets refunded.
10 BOX10 is total tickets voided.
11 BOX11 is other deductions.
12 BOX12 is the individual ticket price - total including tax.
13 BOX13 is the tax per ticket.
14 BOX14 is the opening ticket number.
15 BOX15 is the closing ticket number.

BPA - Beginning Segment for Price Authorization Acknowledgment/Status

To identify the beginning of a Price Authorization Acknowledgment/Status Transaction Set

TRANSACTION SETS USED IN
845

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	373	Date	1	M/Z	DT	8/8
03	128	Reference Identification Qualifier	1	X	ID	2/3
04	127	Reference Identification	1	X	AN	1/80
05	337	Time	1	O/Z	TM	4/8

Syntax Notes

03	P0304

Semantic Notes

02	BPA02 is the price authorization status date.
05	BPA05 is the price authorization status time.

BPP - Beginning Segment for Project Schedule Reporting

To indicate the beginning of the Project Schedule Reporting Transaction Set and program identifying numbers

TRANSACTION SETS USED IN
806

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	373	Date	1	M/Z	DT	8/8
03	1164	Network or Schedule Data Type Code	1	M	ID	2/2
04	367	Contract Number	1	X	AN	1/30
05	352	Description	1	X/Z	AN	1/80
06	127	Reference Identification	1	X/Z	AN	1/80
07	373	Date	1	O/Z	DT	8/8
08	755	Report Type Code	1	O	ID	2/2
09	127	Reference Identification	1	O/Z	AN	1/80
10	352	Description	1	O/Z	AN	1/80
11	373	Date	1	O/Z	DT	8/8
12	127	Reference Identification	1	O/Z	AN	1/80
13	786	Security Level Code	1	O	ID	2/2
14	799	Version Identifier	1	O/Z	AN	1/30

Syntax Notes

04	R040506

Semantic Notes

02	BPP02 is the transaction set date.
05	BPP05 is the program name.
06	BPP06 is the program number identification.
07	BPP07 is the report effective date.
09	BPP09 is the schedule number identification.
10	BPP10 is available for a schedule title or reference.
11	BPP11 is the schedule date or schedule effective date.
12	BPP12 is the priority rating reference number.
14	BPP14 is the schedule version number.

BPR - Beginning Segment for Payment Order/Remittance Advice

To indicate the beginning of a Payment Order/Remittance Advice Transaction Set and total payment amount, or to enable related transfer of funds and/or information from payer to payee to occur

TRANSACTION SETS USED IN
103 521 813 820 823 835

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	305	Transaction Handling Code	1	M	ID	1/2
02	782	Monetary Amount	1	M/Z	R	1/18
03	478	Credit/Debit Flag Code	1	M	ID	1/1
04	591	Payment Method Code	1	M	ID	3/3
05	812	Payment Format Code	1	O	ID	1/10
06	506	(DFI) ID Number Qualifier	1	X/Z	ID	2/2
07	507	(DFI) Identification Number	1	X	AN	3/12
08	569	Account Number Qualifier	1	O/Z	ID	1/3
09	508	Account Number	1	X/Z	AN	1/35
10	509	Originating Company Identifier	1	O/Z	AN	10/10
11	510	Originating Company Supplemental Code	1	O	AN	9/9
12	506	(DFI) ID Number Qualifier	1	X/Z	ID	2/2
13	507	(DFI) Identification Number	1	X	AN	3/12
14	569	Account Number Qualifier	1	O/Z	ID	1/3
15	508	Account Number	1	X/Z	AN	1/35
16	373	Date	1	O/Z	DT	8/8
17	1048	Business Function Code	1	O/Z	ID	1/3
18	506	(DFI) ID Number Qualifier	1	X/Z	ID	2/2
19	507	(DFI) Identification Number	1	X	AN	3/12
20	569	Account Number Qualifier	1	O/Z	ID	1/3
21	508	Account Number	1	X	AN	1/35

Syntax Notes

06	P0607
08	C0809
12	P1213
14	C1415
18	P1819
20	C2021

Semantic Notes

02	BPR02 specifies the payment amount.
06	When using this transaction set to initiate a payment, all or some of BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being

used.

06 BPR06 and BPR07 relate to the originating depository financial institution (ODFI).

08 BPR08 is a code identifying the type of bank account or other financial asset.

09 BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.

10 BPR10 shall be mutually established between the originating depository financial institution (ODFI) and the company originating the payment.

12 BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).

14 BPR14 is a code identifying the type of bank account or other financial asset.

15 BPR15 is the account number of the receiving company to be debited or credited with the payment order.

16 BPR16 is the date the originating company intends for the transaction to be settled (i.e., Payment Effective Date).

17 BPR17 is a code identifying the business reason for this payment.

18 BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.

20 BPR20 is a code identifying the type of bank account or other financial asset.

BPT - Beginning Segment for Product Transfer and Resale

To indicate the beginning of the Product Transfer and Resale Report Transaction Set and transmit identifying data

TRANSACTION SETS USED IN
867

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	127	Reference Identification	1	O/Z	AN	1/80
03	373	Date	1	M/Z	DT	8/8
04	755	Report Type Code	1	O	ID	2/2
05	648	Price Multiplier Qualifier	1	X	ID	3/3
06	649	Multiplier	1	X	R	1/10
07	306	Action Code	1	O	ID	1/2
08	337	Time	1	O/Z	TM	4/8
09	127	Reference Identification	1	O/Z	AN	1/80
10	786	Security Level Code	1	O	ID	2/2

Syntax Notes

05 P0506

Semantic Notes

02 BPT02 identifies the transfer/resale number.
03 BPT03 identifies the transfer/resale date.
08 BPT08 identifies the transfer/resale time.
09 BPT09 is used when it is necessary to reference a Previous Report Number.

BQR - Beginning Segment for Response to Request for Quotation

To indicate the beginning of a Response to Request for Quote Transaction Set and transmit identifying numbers and dates

TRANSACTION SETS USED IN
843

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	586	Request for Quote Reference Number	1	M	AN	1/45
03	373	Date	1	M/Z	DT	8/8
04	374	Date/Time Qualifier	1	X	ID	3/3
05	373	Date	1	X	DT	8/8
06	379	Bid Type Response Code	1	O	ID	2/2
07	786	Security Level Code	1	O	ID	2/2
08	327	Change Order Sequence Number	1	O	AN	1/8

Syntax Notes

04 P0405

Semantic Notes

03 BQR03 is the date to be used for reference purposes in an RFQ and a response to RFQ.

BQT - Beginning Segment for Request for Quotation

To indicate the beginning of a Request for Quotation Transaction Set and transmit identifying numbers and dates

TRANSACTION SETS USED IN

840

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	586	Request for Quote Reference Number	1	M	AN	1/45
03	373	Date	1	M/Z	DT	8/8
04	374	Date/Time Qualifier	1	X	ID	3/3
05	373	Date	1	X	DT	8/8
06	92	Purchase Order Type Code	1	O	ID	2/2
07	960	Request for Quote Type Code	1	O	ID	2/2
08	1166	Contract Type Code	1	O	ID	2/2
09	786	Security Level Code	1	O	ID	2/2
10	1232	Purchase Category Code	1	O	ID	2/2
11	327	Change Order Sequence Number	1	O	AN	1/8

Syntax Notes

04 P0405

Semantic Notes

03 BQT03 is the date to be used for reference purposes in an RFQ and a response to RFQ.

BR - Beginning Segment for Material Management

To indicate the beginning of a material management transaction and transmit identifying numbers and dates

TRANSACTION SETS USED IN
511 517 527 536

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	640	Transaction Type Code	1	M	ID	2/2
03	373	Date	1	M/Z	DT	8/8
04	67	Identification Code	1	X	AN	2/80
05	66	Identification Code Qualifier	1	O	ID	1/2
06	306	Action Code	1	O	ID	1/2
07	128	Reference Identification Qualifier	1	X	ID	2/3
08	127	Reference Identification	1	X	AN	1/80
09	337	Time	1	O/Z	TM	4/8
10	128	Reference Identification Qualifier	1	X	ID	2/3
11	127	Reference Identification	1	X	AN	1/80

Syntax Notes

05	C0504
07	P0708
10	P1011

Semantic Notes

03	BR03 is the date of the transaction set preparation.
09	BR09 is the time of the transaction set preparation

BRA - Beginning Segment for Receiving Advice or Acceptance Certificate

To indicate the beginning of a Receiving Advice or Acceptance Certificate Transaction Set and transmit an identifying number, date, and time

TRANSACTION SETS USED IN
861

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M	AN	1/80
02	373	Date	1	M/Z	DT	8/8
03	353	Transaction Set Purpose Code	1	M	ID	2/2
04	962	Receiving Advice or Acceptance Certificate Type Code	1	M	ID	1/1
05	337	Time	1	O/Z	TM	4/8
06	412	Receiving Condition Code	1	O	ID	2/2
07	306	Action Code	1	O	ID	1/2

Semantic Notes

02 BRA02 is the date that the receiving advice transaction set is created.

05 BRA05 is the time that the receiving advice transaction set is created.

BRC - Beginning Segment for Response to Product Transfer Account Adjustment

To identify the beginning of a Response to Product Transfer Account Adjustment Transaction Set

TRANSACTION SETS USED IN

849

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	373	Date	1	M/Z	DT	8/8
03	128	Reference Identification Qualifier	1	X	ID	2/3
04	127	Reference Identification	1	X	AN	1/80
05	337	Time	1	O/Z	TM	4/8

Syntax Notes

03	P0304

Semantic Notes

02	BRC02 is the date of the response to product transfer account adjustment.
05	BRC05 is the time of the response to product transfer account adjustment.

BRR - Beginning Segment for Railroad Mark Register Update Activity

To indicate the nature of the activity being reported and identify the company involved

TRANSACTION SETS USED IN

434

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
03	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
04	67	Identification Code	1	O/Z	AN	2/80
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

02 BRR02 is the Standard Carrier Alpha Code, Road Mark or Unit Initials of the reported entity.

03 BRR03 is the Standard Carrier Alpha Code of the entity that owns the Standard Carrier Alpha Code identified in BRR02.

04 BRR04 is the 3-digit AAR Rule 260 Carrier Identification.

05 BRR05 indicates whether this entity reports equipment releases. A "Y" indicates this entity reports equipment releases; an "N" indicates it does not.

06 BRR06 indicates whether this entity reports equipment placements. A "Y" indicates this entity reports equipment placements; an "N" indicates it does not.

BSC - Beginning Segment for Commission Sales Report and Periodic Compensation

To indicate the beginning of a commission sales report or periodic compensation

TRANSACTION SETS USED IN

256 818

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M/Z	ID	2/2
02	373	Date	1	M/Z	DT	8/8
03	373	Date	1	M/Z	DT	8/8
04	373	Date	1	M/Z	DT	8/8

Semantic Notes

01	For BSC01, the only valid code is "00" (Original).
02	BSC02 is the application transaction creation date.
03	BSC03 is the reporting period start date.
04	BSC04 is the reporting period end date.

BSD - Breakdown Structure Description

To define discrete line items within industry or government reports

TRANSACTION SETS USED IN
196 839

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	M	ID	2/3
02	127	Reference Identification	1	X	AN	1/80
03	352	Description	1	X	AN	1/80
04	1178	Reporting Structure Identifier	1	O	AN	1/3
05	127	Reference Identification	1	O/Z	AN	1/80
06	1196	Breakdown Structure Detail Code	1	O	ID	2/2
07	1178	Reporting Structure Identifier	1	O/Z	AN	1/3
08	786	Security Level Code	1	O	ID	2/2
09	1311	Calculation Operation Code	1	O	ID	1/1

Syntax Notes

02 R0203

Semantic Notes

05 BSD05 is the summary level structure code reference.
07 BSD07 is the summary level reporting structure identification.

BSF - Business Function

To transmit basic data identifying the function performed at a facility

TRANSACTION SETS USED IN

244

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	687	Class of Trade Code	1	X	ID	2/2
02	1270	Code List Qualifier Code	1	X	ID	1/3
03	1271	Industry Code	1	X	AN	1/30

Syntax Notes

01	R0102
01	E0102
02	P0203

BSI - Beginning Segment for Order Status Inquiry

To indicate the beginning of an order status inquiry and provide the type of customer status inquiry

TRANSACTION SETS USED IN

869

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	373	Date	1	M/Z	DT	8/8
03	847	Order/Item Code	1	M	ID	1/2
04	848	Product/Date Code	1	O	ID	1/2
05	849	Location Code	1	O	ID	1/2
06	337	Time	1	O/Z	TM	4/8
07	353	Transaction Set Purpose Code	1	O	ID	2/2
08	640	Transaction Type Code	1	O	ID	2/2
09	306	Action Code	1	O	ID	1/2

Semantic Notes

01 BSI01 is a status inquiry reference number.

02 BSI02 is date of the inquiry.

06 BSI06 is time of the inquiry.

BSN - Beginning Segment for Ship Notice

To transmit identifying numbers, dates, and other basic data relating to the transaction set

TRANSACTION SETS USED IN
856

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	396	Shipment Identification	1	M	AN	2/30
03	373	Date	1	M/Z	DT	8/8
04	337	Time	1	M/Z	TM	4/8
05	1005	Hierarchical Structure Code	1	O	ID	4/4
06	640	Transaction Type Code	1	X/Z	ID	2/2
07	641	Status Reason Code	1	O	ID	3/3

Syntax Notes

07 C0706

Semantic Notes

03 BSN03 is the date the shipment transaction set is created.
04 BSN04 is the time the shipment transaction set is created.
06 BSN06 is limited to shipment related codes.

Comments

06 BSN06 and BSN07 differentiate the functionality of use for the transaction set.

BSR - Beginning Segment for Order Status Report

To indicate the beginning of an Order Status Report Transaction Set

TRANSACTION SETS USED IN

870

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	850	Status Report Code	1	M	ID	1/2
02	847	Order/Item Code	1	M	ID	1/2
03	127	Reference Identification	1	M/Z	AN	1/80
04	373	Date	1	M/Z	DT	8/8
05	848	Product/Date Code	1	O	ID	1/2
06	849	Location Code	1	O	ID	1/2
07	337	Time	1	O/Z	TM	4/8
08	127	Reference Identification	1	O/Z	AN	1/80
09	373	Date	1	O/Z	DT	8/8
10	337	Time	1	O/Z	TM	4/8
11	353	Transaction Set Purpose Code	1	O	ID	2/2
12	306	Action Code	1	O	ID	1/2

Semantic Notes

03 BSR03 indicates a status report document number assigned by the sender.

04 BSR04 indicates the date of this report from the sender.

07 BSR07 indicates the time of this report from the sender.

08 BSR08 indicates a status report document number assigned by the inquirer.

09 BSR09 indicates the date this report was requested from the sender by the inquirer.

10 BSR10 indicates the time this report was requested from the sender by the inquirer.

BSS - Beginning Segment for Shipping Schedule/Production Sequence

To transmit identifying numbers, dates, and other basic data relating to the transaction set

TRANSACTION SETS USED IN
862 866

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	127	Reference Identification	1	M/Z	AN	1/80
03	373	Date	1	M/Z	DT	8/8
04	675	Schedule Type Qualifier	1	M	ID	2/2
05	373	Date	1	M/Z	DT	8/8
06	373	Date	1	M/Z	DT	8/8
07	328	Release Number	1	X	AN	1/30
08	127	Reference Identification	1	X/Z	AN	1/80
09	367	Contract Number	1	O	AN	1/30
10	324	Purchase Order Number	1	O	AN	1/22
11	676	Schedule Quantity Qualifier	1	O	ID	1/1

Syntax Notes

07 R0708

Semantic Notes

02 Use BSS02 to indicate a document number.
03 Use BSS03 to indicate the date of this document.
05 Use BSS05 to indicate the schedule horizon start date (the date when the schedule begins).
06 Use BSS06 to indicate the schedule horizon end date (the date when the schedule ends).
08 BSS08 is the identifying number for a forecast assigned by the orderer/purchaser.

BSW - Beginning Segment for Carrier's Services Settlement

To transmit basic data relating to the carrier's settlement.

TRANSACTION SETS USED IN

424

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M/Z	DT	8/8
02	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
03	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
04	193	Net Amount Due	1	M	N2	1/15
05	11	Billing Code	1	M	ID	1/1
06	202	Correction Indicator Code	1	O	ID	2/2
07	613	Statement Number	1	O	AN	1/16

Semantic Notes

01 BSW01 is the settlement date.

02 BSW02 is the issuing carrier.

03 BSW03 is the receiving carrier.

BT1 - Batch Totals

To specify batch totals of monetary data elements, weights, or quantity

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

980

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	143	Transaction Set Identifier Code	1	M	ID	3/3
02	515	Number of Transaction Sets Totaled	1	M	N0	1/7
03	516	Total Qualifier	1	M	ID	1/1
04	517	Data Element Totaled	1	O	AN	4/5
05	518	Total	1	M	R	1/15
06	516	Total Qualifier	1	X	ID	1/1
07	517	Data Element Totaled	1	O	AN	4/5
08	518	Total	1	X	R	1/15
09	516	Total Qualifier	1	X	ID	1/1
10	517	Data Element Totaled	1	O	AN	4/5
11	518	Total	1	X	R	1/15

Syntax Notes

06	P0608
09	P0911

BTA - Beginning Tax Acknowledgment

To acknowledge acceptance or rejection of a transaction set

TRANSACTION SETS USED IN

151

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	587	Acknowledgment Type Code	1	M	ID	2/2
02	373	Date	1	O	DT	8/8
03	522	Amount Qualifier Code	1	X	ID	1/3
04	782	Monetary Amount	1	X	R	1/18

Syntax Notes

03	P0304

Comments

02	BTA02 is the effective date of the acknowledgment

BTC - Beginning Segment for Parameter Trace Registration

To provide basic information regarding the parameter trace conditions described

TRANSACTION SETS USED IN
455

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	1491	Parameter Trace Registration Type Code	1	M	ID	1/1
03	1492	Parameter Trace Type Code	1	M	ID	1/1
04	1493	Output Event Selection Code	1	M	ID	1/1
05	127	Reference Identification	1	M/Z	AN	1/80
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	609	Count	1	O	N0	1/9
10	67	Identification Code	1	O/Z	AN	2/80
11	1011	Association of American Railroads (AAR) Pool Code	1	O	ID	7/7
12	1271	Industry Code	1	O/Z	AN	1/30

Semantic Notes

05 BTC05 is the Trace Identifier.

06 If BTC06 is "Y", then waybill information should be included. If "N", waybill information will not be included.

07 If BTC07 is "Y", then trip information should be included. If "N", then trip information will not be included.

08 If BTC08 is "Y", then all events from current cycle should be included. If "N", the specific number of events will be sent in BTC09.

10 BTC10 identifies the network address of a party to receive responses to this set of parameters if other than sender.

12 BTC12 is the Car Location Message (CLM) Format.

BTI - Beginning Tax Information

To indicate the type of tax information

TRANSACTION SETS USED IN
151 153 813 826

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	M/Z	ID	2/3
02	127	Reference Identification	1	M	AN	1/80
03	66	Identification Code Qualifier	1	M/Z	ID	1/2
04	67	Identification Code	1	M	AN	2/80
05	373	Date	1	O/Z	DT	8/8
06	818	Name Control Identifier	1	O	AN	1/4
07	66	Identification Code Qualifier	1	X/Z	ID	1/2
08	67	Identification Code	1	X	AN	2/80
09	66	Identification Code Qualifier	1	X/Z	ID	1/2
10	67	Identification Code	1	X	AN	2/80
11	66	Identification Code Qualifier	1	X	ID	1/2
12	67	Identification Code	1	X	AN	2/80
13	353	Transaction Set Purpose Code	1	O	ID	2/2
14	640	Transaction Type Code	1	O	ID	2/2

Syntax Notes

07	P0708
09	P0910
11	P1112

Semantic Notes

01	BTI01 and BTI02 define the tax exchange program or tax filing.
03	BTI03 and BTI04 define the tax authority.
05	BTI05 is the transaction set creation date.
07	BTI07 and BTI08 provide the taxpayer's identity.
09	BTI09 and BTI10, and BTI11 and BTI12, define secondary identification numbers for a tax filing or exchange program.

BTP - Beginning Segment For Trading Partner Profile

To indicate the type and purpose of the profile data

TRANSACTION SETS USED IN
838

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M/Z	ID	2/2
02	127	Reference Identification	1	M/Z	AN	1/80
03	373	Date	1	M/Z	DT	8/8
04	337	Time	1	M	TM	4/8
05	640	Transaction Type Code	1	M	ID	2/2
06	353	Transaction Set Purpose Code	1	O/Z	ID	2/2
07	127	Reference Identification	1	X/Z	AN	1/80
08	373	Date	1	X/Z	DT	8/8
09	337	Time	1	O	TM	4/8
10	591	Payment Method Code	1	O	ID	3/3

Syntax Notes

08 C0807
09 C0908

Semantic Notes

01 BTP01 indicates the purpose of this EDI transmission.
02 BTP02 is the identifying number of this transaction.
03 BTP03 and BTP04 are the transaction set date and time.
06 BTP06 indicates the status of the data content within the transaction.
07 BTP07 indicates reference number or previous reference number associated with this transaction.
08 BTP08 and BTP09 are date and time associated with BTP07.

BTR - Beginning Segment for Test Results

To indicate the beginning of a test results transaction set

TRANSACTION SETS USED IN
863

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M/Z	ID	2/2
02	373	Date	1	M/Z	DT	8/8
03	337	Time	1	O/Z	TM	4/8
04	755	Report Type Code	1	O	ID	2/2
05	127	Reference Identification	1	O/Z	AN	1/80
06	127	Reference Identification	1	O	AN	1/80
07	786	Security Level Code	1	O	ID	2/2
08	1005	Hierarchical Structure Code	1	O	ID	4/4

Semantic Notes

01 If BTR01 equals "01", "02", "03", "04", "05", "18" or "19", then BTR06 is required to identify the original test report reference number transmitted.

02 BTR02 is the date that this transaction set was created by the sending party.

03 BTR03 is the time that this transaction set was created by the sending party.

05 BTR05 specifies test results report reference number created by the sending party.

BTS - Beginning Segment for Train Sheets

To transmit identifying symbols, loads, empties, weights, lengths, horsepower, and related data

TRANSACTION SETS USED IN
161

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	41	Interchange Train Identification	1	M/Z	AN	1/10
02	86	Total Equipment	1	X	N0	1/3
03	578	Equipment Status Code	1	X	ID	1/2
04	86	Total Equipment	1	X	N0	1/3
05	578	Equipment Status Code	1	X	ID	1/2
06	81	Weight	1	O/Z	R	1/10
07	82	Length	1	O/Z	R	1/8
08	1272	Horsepower	1	O/Z	N0	1/16
09	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
10	353	Transaction Set Purpose Code	1	O	ID	2/2
11	284	Service Level Code	1	O	ID	2/2
12	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
13	373	Date	1	O/Z	DT	8/8
14	41	Interchange Train Identification	1	O/Z	AN	1/10
15	1470	Number	1	O/Z	N0	1/9
16	373	Date	1	O/Z	DT	8/8

Syntax Notes

02 P0203
04 P0405

Semantic Notes

01 BTS01 is the tenant carrier's train identifier.
06 BTS06 is measured in short tons.
07 BTS07 is measured in feet.
08 BTS08 is the total working horsepower for all engines in the train.
09 BTS09 is the SCAC of the tenant road.
12 BTS12 indicates if this is a key train. A "Y" indicates this is a key train; an "N" indicates this is not a key train.
13 BTS13 is the tenant carrier's scheduled train departure date.
14 BTS14 is the host carrier's train identifier that correlates to the tenant carrier's schedule. In the event the tenant carrier's schedule is for an extra train, this must be the predefined generic schedule covering the trackage territory.
15 BTS15 is the section number of the tenant carrier's train schedule for a specific origin day.
16 BTS16 is the host carrier's scheduled train departure date.

BUY - Loan Buydown

To describe the features of a loan buydown

TRANSACTION SETS USED IN

202 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1084	Loan Buydown Type Code	1	M/Z	ID	1/1
02	1091	Source of Funds Code	1	M/Z	ID	1/1
03	782	Monetary Amount	1	O/Z	R	1/18
04	954	Percentage as Decimal	1	O/Z	R	1/10
05	954	Percentage as Decimal	1	O/Z	R	1/10

Semantic Notes

01 If BUY01 equals "P", then BUY04 and BUY05 are required.

02 BUY02 defines source of funds for buydown.

03 BUY03 defines total amount of buydown.

04 BUY04 is percent of permanent payment decrease.

05 BUY05 is percent of permanent rate decrease.

BVA - Beginning Vehicle Advice

To indicate the beginning of the Vehicle Application Advice Transaction Set

TRANSACTION SETS USED IN
126

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1236	Payment Type Code	1	M	ID	2/2
02	140	Standard Carrier Alpha Code	1	M	ID	2/4
03	66	Identification Code Qualifier	1	M	ID	1/2
04	67	Identification Code	1	M	AN	2/80
05	373	Date	1	M	DT	8/8
06	76	Invoice Number	1	O	AN	1/22
07	66	Identification Code Qualifier	1	X	ID	1/2
08	67	Identification Code	1	X	AN	2/80
09	1062	Vehicle Service Code	1	X	ID	2/4
10	66	Identification Code Qualifier	1	X	ID	1/2
11	67	Identification Code	1	X	AN	2/80
12	100	Currency Code	1	O	ID	3/3
13	592	Lading Description Qualifier	1	O	ID	1/1
14	373	Date	1	O	DT	8/8
15	127	Reference Identification	1	O	AN	1/80
16	373	Date	1	O	DT	8/8
17	429	Check Number	1	O	AN	1/16
18	206	Equipment Initial	1	O	AN	1/4
19	207	Equipment Number	1	O	AN	1/15
20	40	Equipment Description Code	1	O	ID	2/2
21	380	Quantity	1	O	R	1/15
22	145	Shipment Identification Number	1	O/Z	AN	1/30
23	55	Flight/Voyage Number	1	O	AN	2/30
24	1094	Vehicle Status	1	O	AN	1/2
25	353	Transaction Set Purpose Code	1	O	ID	2/2

Syntax Notes

07 P0708
08 R0809
10 P1011

Semantic Notes

22 BVA22 is the ocean bill of lading number.

BVB - Beginning Segment for Vehicle Baying Order

To indicate the beginning of the Vehicle Baying Order Transaction Set

TRANSACTION SETS USED IN
127

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	66	Identification Code Qualifier	1	M	ID	1/2
03	67	Identification Code	1	M	AN	2/80
04	1238	Bay Type Code	1	O	ID	1/1
05	1239	Capacity Qualifier	1	X	ID	2/2
06	380	Quantity	1	X/Z	R	1/15
07	353	Transaction Set Purpose Code	1	O	ID	2/2

Syntax Notes

05 P0506

Semantic Notes

06 BVB06 is the yard storage capacity.

BVI - Beverage Information

To specify beverage category and type.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1820	Beverage Category	1	M	ID	2/2
02	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
04	1821	Cider Type	1	O	ID	2/2
05	1822	Pre-Mix Drink Code	1	O	ID	2/2

Semantic Notes

02 BVI02 indicates if the beverage is Alcoholic

03 BVI03 indicates if the beverage is Carbonated

BVP - Beginning Segment for Vehicle Shipping Order

To indicate the beginning of the Vehicle Shipping Order Transaction Set

TRANSACTION SETS USED IN
120

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1056	Vehicle Production Status	1	M	AN	1/2
02	66	Identification Code Qualifier	1	M	ID	1/2
03	67	Identification Code	1	M/Z	AN	2/80
04	66	Identification Code Qualifier	1	X	ID	1/2
05	67	Identification Code	1	X/Z	AN	2/80
06	1062	Vehicle Service Code	1	X	ID	2/4
07	140	Standard Carrier Alpha Code	1	O	ID	2/4
08	1094	Vehicle Status	1	O	AN	1/2
09	127	Reference Identification	1	O/Z	AN	1/80
10	373	Date	1	O/Z	DT	8/8
11	353	Transaction Set Purpose Code	1	O	ID	2/2

Syntax Notes

04 P0405
05 R0506

Semantic Notes

03 BVP03 contains the move origin or service location.
05 BVP05 contains the destination of movement.
09 BVP09 is the reference number of the shippers document.
10 BVP10 is the shippers document date.

BVS - Beginning Segment for Vehicle Service

To indicate the beginning of the Vehicle Service Transaction Set

TRANSACTION SETS USED IN

121

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	66	Identification Code Qualifier	1	M	ID	1/2
03	67	Identification Code	1	M/Z	AN	2/80
04	380	Quantity	1	O/Z	R	1/15
05	1062	Vehicle Service Code	1	O	ID	2/4
06	1094	Vehicle Status	1	O	AN	1/2
07	76	Invoice Number	1	O	AN	1/22
08	66	Identification Code Qualifier	1	X	ID	1/2
09	67	Identification Code	1	X/Z	AN	2/80
10	598	Bill of Lading/Waybill Number	1	O	AN	1/50
11	508	Account Number	1	O/Z	AN	1/35
12	127	Reference Identification	1	O/Z	AN	1/80

Syntax Notes

08 P0809

Semantic Notes

03 BVS03 contains the move origin service location.

04 BVS04 is the number of vehicles on invoice.

09 BVS09 is the Dispatch Terminal Code. Required if not equal to the BVS03 Move Origin Code.

11 BVS11 is the account number for charges.

12 BVS12 is the shipper's authorization number.

BW - Beginning Segment for Weight Message Set

To transmit identifying numbers, dates, and other basic data relating to the transaction set

TRANSACTION SETS USED IN

440

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	298	Origin EDI Carrier Code	1	M	ID	2/4
02	145	Shipment Identification Number	1	O	AN	1/30
03	188	Weight Unit Code	1	M	ID	1/1

BX - General Shipment Information

To transmit identification numbers and other basic shipment data

TRANSACTION SETS USED IN

404 417 426 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	91	Transportation Method/Type Code	1	M	ID	1/2
03	146	Shipment Method of Payment Code	1	M	ID	2/2
04	145	Shipment Identification Number	1	O	AN	1/30
05	140	Standard Carrier Alpha Code	1	O	ID	2/4
06	188	Weight Unit Code	1	O	ID	1/1
07	147	Shipment Qualifier	1	O	ID	1/1
08	226	Section Seven Code	1	O	ID	1/1
09	195	Capacity Load Code	1	O	ID	1/1
10	160	Status Report Request Code	1	O	ID	1/1
11	501	Customs Documentation Handling Code	1	O	ID	2/2
12	199	Confidential Billing Request Code	1	O	ID	1/1
13	714	Goods and Services Tax Reason Code	1	O	ID	1/1
14	346	Application Type Code	1	O	ID	2/2

C2 - Bank ID

To specify data required for electronic payment

TRANSACTION SETS USED IN

110 210 304 310

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	8	BankClient Code	1	M	ID	1/1
02	66	Identification Code Qualifier	1	M	ID	1/2
03	67	Identification Code	1	M	AN	2/80
04	20	Client BankNumber	1	O	AN	3/9
05	7	BankAccount Number	1	O	AN	6/17
06	107	Payment Method Type Code	1	O	ID	1/2
07	373	Date	1	O	DT	8/8

Comments

07	C207 is the effective payment date.

C3 - Currency Identifier

To specify the currency being used in the transaction set

TRANSACTION SETS USED IN

100 104 110 111 112 124 155 204 210 213 215 267 268 310 312 325 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	100	Currency Code	1	M/Z	ID	3/3
02	280	Exchange Rate	1	O	R	4/10
03	100	Currency Code	1	O/Z	ID	3/3
04	100	Currency Code	1	O/Z	ID	3/3

Semantic Notes

01 C301 is the billing currency.

03 C303 is the payment currency.

04 C304 is the rated currency.

Comments

00 Currency is implied by the code for the country in whose currency the monetary amounts are specified.

C4 - Alternate Amount Due

To specify alternate payment

TRANSACTION SETS USED IN

410

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	100	Currency Code	1	M	ID	3/3
02	193	Net Amount Due	1	M	N2	1/15

C8 - Certifications and Clauses

To specify applicable certifications and clauses

TRANSACTION SETS USED IN

304 310

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	213	Lading Line Item Number	1	O	N0	1/6
02	246	Certification/Clause Code	1	X	ID	2/4
03	247	Certification/Clause Text	1	X	AN	2/60
04	1302	Shipper's Export Declaration Requirements	1	O	AN	1/2

Syntax Notes

03 R0302

C8C - Certifications Clauses Continuation

To specify additional applicable certifications and clauses

TRANSACTION SETS USED IN

304 310

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	247	Certification/Clause Text	1	M	AN	2/60
02	247	Certification/Clause Text	1	O	AN	2/60
03	247	Certification/Clause Text	1	O	AN	2/60

CA1 - Rate Request Identifier

To identify the rate request identification number and any applicable suffix

TRANSACTION SETS USED IN

106 107 108

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1662	Rate Request ID	1	M	N0	1/9
02	1663	Rate Response Suffix	1	O	N0	1/3

CAD - Carrier Details

To specify transportation details for the transaction

TRANSACTION SETS USED IN

810 811 880

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	91	Transportation Method/Type Code	1	M	ID	1/2
02	206	Equipment Initial	1	O	AN	1/4
03	207	Equipment Number	1	O	AN	1/15
04	140	Standard Carrier Alpha Code	1	X	ID	2/4
05	387	Routing	1	X	AN	1/35
06	368	Shipment/Order Status Code	1	O	ID	2/2
07	128	Reference Identification Qualifier	1	O	ID	2/3
08	127	Reference Identification	1	X	AN	1/80
09	284	Service Level Code	1	O	ID	2/2

Syntax Notes

05	R0504
07	C0708

CAI - Civil Action Income

To name the income pursuant to a civil action (judgment, child support, etc.)

TRANSACTION SETS USED IN
833

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1185	Public Record or Obligation Code	1	M/Z	ID	2/2
02	93	Name	1	M/Z	AN	1/60
03	93	Name	1	O	AN	1/60
04	522	Amount Qualifier Code	1	O/Z	ID	1/3
05	782	Monetary Amount	1	O	R	1/18
06	122	Rate/Value Qualifier	1	O/Z	ID	2/2
07	127	Reference Identification	1	O	AN	1/80

Semantic Notes

01 CAI01 defines the nature of the legal obligation income.
02 CAI02 and CAI03 specify the name of the entity obligated to make payments.
04 CAI04 defines the type of legal obligation income stated in CAI05.
06 CAI06 defines the time period for income if recurring.

CAL - Calendar

To identify the calendar and working shift details for the plan or schedule

TRANSACTION SETS USED IN
196 806 816 839

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	M/Z	ID	2/3
02	127	Reference Identification	1	M	AN	1/80
03	344	Unit of Time Period or Interval Code	1	O	ID	2/2
04	374	Date/Time Qualifier	1	O	ID	3/3
05	373	Date	1	O	DT	8/8
06	337	Time	1	O	TM	4/8
07	623	Time Code	1	O	ID	2/2
08	678	Ship/Delivery or Calendar Pattern Code	1	O	ID	1/2
09	374	Date/Time Qualifier	1	O	ID	3/3
10	373	Date	1	O	DT	8/8
11	337	Time	1	O	TM	4/8
12	623	Time Code	1	O	ID	2/2
13	678	Ship/Delivery or Calendar Pattern Code	1	O	ID	1/2
14	673	Quantity Qualifier	1	X	ID	2/2
15	380	Quantity	1	X	R	1/15
16	369	Free-form Description	1	O	AN	1/45

Syntax Notes

14 P1415

Semantic Notes

01 CAL01 identifies whether a reference number is a calendar or shift.

CAS - Claims Adjustment

To supply adjustment reason codes and amounts as needed for an entire claim or for a particular service within the claim being paid

TRANSACTION SETS USED IN
835 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1785	Claim Adjustment Group Code	1	M	AN	1/10
02	1034	Claim Adjustment Reason Code	15	M	ID	1/5
03	782	Monetary Amount	1	M/Z	R	1/18
04	380	Quantity	1	O/Z	R	1/15
05	1034	Claim Adjustment Reason Code	1	X	ID	1/5
06	782	Monetary Amount	1	X/Z	R	1/18
07	380	Quantity	1	X/Z	R	1/15
08	1034	Claim Adjustment Reason Code	1	X	ID	1/5
09	782	Monetary Amount	1	X/Z	R	1/18
10	380	Quantity	1	X/Z	R	1/15
11	1034	Claim Adjustment Reason Code	1	X	ID	1/5
12	782	Monetary Amount	1	X/Z	R	1/18
13	380	Quantity	1	X/Z	R	1/15
14	1034	Claim Adjustment Reason Code	1	X	ID	1/5
15	782	Monetary Amount	1	X/Z	R	1/18
16	380	Quantity	1	X/Z	R	1/15
17	1034	Claim Adjustment Reason Code	1	X	ID	1/5
18	782	Monetary Amount	1	X/Z	R	1/18
19	380	Quantity	1	X/Z	R	1/15

Syntax Notes

05	L050607
06	C0605
07	C0705
08	L080910
09	C0908
10	C1008
11	L111213
12	C1211
13	C1311
14	L141516
15	C1514
16	C1614
17	L171819
18	C1817

19 C1917

Semantic Notes

03 CAS03 is the amount of adjustment.
04 CAS04 is the units of service being adjusted.
06 CAS06 is the amount of the adjustment.
07 CAS07 is the units of service being adjusted.
09 CAS09 is the amount of the adjustment.
10 CAS10 is the units of service being adjusted.
12 CAS12 is the amount of the adjustment.
13 CAS13 is the units of service being adjusted.
15 CAS15 is the amount of the adjustment.
16 CAS16 is the units of service being adjusted.
18 CAS18 is the amount of the adjustment.
19 CAS19 is the units of service being adjusted.

Comments

00 Adjustment information is intended to help the provider balance the remittance information. Adjustment amounts should fully explain the difference between submitted charges and the amount paid.

CAT - Category of Patient Information Service

To specify categories of patient information service

TRANSACTION SETS USED IN
271 275

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	755	Report Type Code	1	O	ID	2/2
02	756	Report Transmission Code	1	X	ID	1/2
03	799	Version Identifier	1	O	AN	1/30
04	1270	Code List Qualifier Code	1	X	ID	1/3
05	1271	Industry Code	1	X/Z	AN	1/30
06	1271	Industry Code	1	O/Z	AN	1/30
07	799	Version Identifier	1	O	AN	1/30

Syntax Notes

03	C0302
04	P0405
06	C0605
07	C0704

Semantic Notes

05	If CAT06 is present, then CAT05 is the beginning of a range of codes.
06	If present, CAT06 is the end of a range of codes.

CB1 - Contract and Cost Accounting Standards Data

To specify contract and cost accounting standards data

TRANSACTION SETS USED IN

805 840 850 860

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1309	Acquisition Data Code	1	M	ID	2/2
02	1310	Financing Type Code	1	O	ID	1/1

CBS - Cost Breakdown Structure

To identify and quantify each line item being proposed

TRANSACTION SETS USED IN

805

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	M/Z	AN	1/20
02	380	Quantity	1	M/Z	R	1/15
03	C001	Composite Unit of Measure	1	M		

Semantic Notes

01 CBS01 is the line item or exhibit (including subline numbers of either).

02 CBS02 is the line item quantity.

CCI - Credit Counseling Information

To define the applicant's participation in credit counseling

TRANSACTION SETS USED IN

200

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	67	Identification Code	1	M/Z	AN	2/80
02	127	Reference Identification	1	M/Z	AN	1/80
03	128	Reference Identification Qualifier	1	X	ID	2/3
04	127	Reference Identification	1	X/Z	AN	1/80
05	1250	Date Time Period Format Qualifier	1	X	ID	2/3
06	1251	Date Time Period	1	X/Z	AN	1/35
07	1251	Date Time Period	1	X/Z	AN	1/35
08	1251	Date Time Period	1	X/Z	AN	1/35
09	782	Monetary Amount	1	O	R	1/18
10	483	Counseling Status Code	1	X	ID	1/1

Syntax Notes

03	P0304
05	L05060708
05	P0510
06	C0605
07	C0705
08	C0805

Semantic Notes

01	CCI01 identifies the credit repository reporting the credit counseling information.
02	CCI02 identifies the credit file identifier or hit level for the particular credit repository.
04	CCI04 identifies the credit counseling identification number.
06	CCI06 identifies the date counseling was reported.
07	CCI07 identifies the date counseling was checked.
08	CCI08 identifies the date counseling was settled.

CD - Shipment Conditions

To specify condition restrictions or provisions applicable to the rate docket

TRANSACTION SETS USED IN

404 410 417 426 433 460 490 494 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	495	Condition Segment Logical Connector	1	M	AN	1/3
02	498	Condition Code	1	X	ID	4/4
03	499	Condition Value	1	O	AN	1/10
04	499	Condition Value	1	O	AN	1/10
05	499	Condition Value	1	O	AN	1/10
06	554	Assigned Number	1	O	N0	1/9
07	259	Change Type Code	1	O	ID	1/1
08	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
09	697	Docket Control Number	1	X	AN	1/7
10	690	Docket Identification	1	X	AN	1/11
11	260	Group Title	1	O	AN	2/30

Syntax Notes

02	E0208
02	R0208
03	C0302
04	C0402
05	C0502
08	P080910
11	C11080910

Semantic Notes

08 CD08 is the Standard Carrier Alpha Code (SCAC) of the group docket owner.

CD1 - Cargo Detail

To transmit cargo detail information

TRANSACTION SETS USED IN
319

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	206	Equipment Initial	1	M	AN	1/4
02	207	Equipment Number	1	M	AN	1/15
03	24	Equipment Type Code	1	O	ID	4/4
04	598	Bill of Lading/Waybill Number	1	M	AN	1/50
05	56	Type of Service Code	1	M	ID	2/2
06	208	Hazardous Material Code Qualifier	1	O	ID	1/1
07	209	Hazardous Material Class Code	1	O	AN	1/4
08	373	Date	1	O/Z	DT	8/8
09	310	Location Identifier	1	M/Z	AN	1/30
10	380	Quantity	1	M	R	1/15
11	103	Packaging Code	1	M	AN	3/5
12	35	Bill of Lading Disposition Code	1	M	ID	2/3
13	35	Bill of Lading Disposition Code	1	O	ID	2/3
14	35	Bill of Lading Disposition Code	1	O	ID	2/3
15	121	Rate Class Code	1	O	ID	1/3
16	122	Rate/Value Qualifier	1	O	ID	2/2
17	118	Rate	1	O	R	1/9
18	121	Rate Class Code	1	O	ID	1/3
19	122	Rate/Value Qualifier	1	O	ID	2/2
20	118	Rate	1	O	R	1/9
21	121	Rate Class Code	1	O	ID	1/3
22	122	Rate/Value Qualifier	1	O	ID	2/2
23	118	Rate	1	O	R	1/9
24	374	Date/Time Qualifier	1	O	ID	3/3
25	373	Date	1	O/Z	DT	8/8
26	157	Shipment Status Code	1	O	ID	1/2
27	140	Standard Carrier Alpha Code	1	M	ID	2/4
28	128	Reference Identification Qualifier	1	M	ID	2/3
29	127	Reference Identification	1	M	AN	1/80
30	128	Reference Identification Qualifier	1	M	ID	2/3
31	127	Reference Identification	1	M	AN	1/80

Semantic Notes

08 CD108 is the delivery not before date.
09 CD109 is the terminal cargo location.
25 CD125 is the date of delivery of cargo to final consignee or next mode.

CD2 - Multi-Valued Characteristics

To provide characteristics that may have multiple values

TRANSACTION SETS USED IN
186 255

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1136	Code Category	1	M	ID	2/2
02	235	Product/Service ID Qualifier	1	M/Z	ID	2/2
03	1137	Medical Code Value	1	M	AN	1/15
04	1137	Medical Code Value	1	O	AN	1/15
05	1137	Medical Code Value	1	O	AN	1/15
06	1137	Medical Code Value	1	O	AN	1/15
07	1137	Medical Code Value	1	O	AN	1/15
08	1137	Medical Code Value	1	O	AN	1/15

Semantic Notes

02 CD202 qualifies all subsequent fields.

CD3 - Carton (Package) Detail

To transmit identifying codes, weights, and other related information related to an individual carton (package)

TRANSACTION SETS USED IN
210 215 240

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	187	Weight Qualifier	1	X	ID	1/2
02	81	Weight	1	X	R	1/10
03	619	Zone	1	O	AN	2/3
04	34	Service Standard	1	O	N1	1/4
05	284	Service Level Code	1	X	ID	2/2
06	108	Pickup or Delivery Code	1	O	ID	1/2
07	122	Rate/Value Qualifier	1	X	ID	2/2
08	58	Amount Charged	1	X/Z	N2	1/15
09	122	Rate/Value Qualifier	1	X	ID	2/2
10	58	Amount Charged	1	X/Z	N2	1/15
11	284	Service Level Code	1	X	ID	2/2
12	284	Service Level Code	1	O	ID	2/2
13	591	Payment Method Code	1	O	ID	3/3
14	26	Country Code	1	O/Z	ID	2/3

Syntax Notes

01	P0102
07	P0708
09	P0910
11	C1105
12	C1211
14	C1405

Semantic Notes

08	CD308 is the charge for the single package.
10	CD310 is the total charge for all of the packages.
14	CD314 is the country where the service is to be performed.

CDA - Consumer Credit Account

To provide duration, amount and associated information on consumer credit accounts

TRANSACTION SETS USED IN
198 201 833

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	508	Account Number	1	O/Z	AN	1/35
02	782	Monetary Amount	1	O/Z	R	1/18
03	782	Monetary Amount	1	O/Z	R	1/18
04	782	Monetary Amount	1	O/Z	R	1/18
05	782	Monetary Amount	1	X/Z	R	1/18
06	1187	Type of Account Code	1	O/Z	ID	2/2
07	1189	Type of Credit Account Code	1	O/Z	ID	1/1
08	380	Quantity	1	O/Z	R	1/15
09	380	Quantity	1	O/Z	R	1/15
10	1250	Date Time Period Format Qualifier	1	X/Z	ID	2/3
11	1251	Date Time Period	1	X/Z	AN	1/35
12	1251	Date Time Period	1	X/Z	AN	1/35
13	1251	Date Time Period	1	X/Z	AN	1/35
14	1251	Date Time Period	1	X/Z	AN	1/35
15	1251	Date Time Period	1	X/Z	AN	1/35
16	352	Description	1	O/Z	AN	1/80
17	127	Reference Identification	1	O/Z	AN	1/80
18	1262	Loan Type Code	1	O	ID	1/2
19	594	Frequency Code	1	O	ID	1/1
20	127	Reference Identification	1	O/Z	AN	1/80
21	875	Maintenance Type Code	1	O/Z	ID	3/3
22	546	Status Code	1	O/Z	ID	2/2

Syntax Notes

10	L101112131415
11	C1110
12	C1210
13	C1310
14	C1410
15	C1510
19	C1905

Semantic Notes

01	CDA01 defines the credit account number.
02	CDA02 defines the credit account balance.
03	CDA03 defines the credit account original balance.

04 CDA04 defines the credit account past due amount.
05 CDA05 defines the credit account minimum payment amount.
06 CDA06 defines the credit account ownership type.
07 If CDA07 is "I", then CDA08, CDA09 are required.
07 If CDA07 is "I", then CDA08 is number of months reviewed in the credit account.
07 If CDA07 is "I", then CDA09 is number of months remaining in the credit account.
07 If CDA07 is "H", then CDA03 is the maximum home equity line of credit amount.
07 If CDA07 is "H", then CDA05 is the maximum home equity line of credit payment amount.
07 If CDA07 is "H", then CDA11 is the date of the initial home equity line of credit draw.
08 CDA08 defines the number of months reviewed in the credit account.
09 CDA09 defines the number of months remaining in the credit account.
10 CDA10 defines the date format used in CDA11 through CDA15.
11 CDA11 defines the date the credit account was opened.
12 CDA12 defines the date of the last credit account activity.
13 CDA13 defines the date the credit account was closed.
14 CDA14 defines the date the credit account was high delinquent.
15 CDA15 defines the date the credit account payoff is due.
16 CDA16 is the text description of account security.
17 CDA17 is used to identify an internal control number.
20 CDA20 is used to associate liabilities reported in this segment to a real estate item.
21 CDA21 defines the type of verification action that must take place.
22 CDA22 defines status of the liability or the business transaction.

CDD - Credit/Debit Adjustment Detail

To provide information relative to a line item adjustment

TRANSACTION SETS USED IN
812

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	426	Adjustment Reason Code	1	M	ID	2/2
02	478	Credit/Debit Flag Code	1	M	ID	1/1
03	350	Assigned Identification	1	O	AN	1/20
04	610	Amount	1	X	N2	1/15
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	417	Price Bracket Identifier	1	O	AN	1/3
07	477	Credit/Debit Quantity	1	X	R	1/10
08	355	Unit or Basis for Measurement Code	1	X	ID	2/2
09	427	Unit Price Difference	1	O	R	1/15
10	236	Price Identifier Code	1	X	ID	3/3
11	212	Unit Price	1	X	R	1/17
12	236	Price Identifier Code	1	X	ID	3/3
13	212	Unit Price	1	X	R	1/17
14	933	Free-form Message Text	1	O/Z	AN	1/264

Syntax Notes

04	R0407
07	C0711
07	P0708
10	P1011
12	P1213

Semantic Notes

05	CDD05 is the code indicating whether adjustment is for returned goods. A "Y" confirms that the adjustment is for returned goods.
14	CDD14 is used only to further clarify the adjustment reason code in CDD01.

Comments

12	If comparison pricing is used, then CDD12 and CDD13 are required.

CDI - Change Detail Information

To provide information on changes or adjustments

TRANSACTION SETS USED IN
205 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1552	Option Type Code	1	O	ID	1/2
02	C045	Conditions Indicated	1	O		
03	1549	Convertibility Rate Type Code	1	O	ID	1/2
04	641	Status Reason Code	1	O	ID	3/3
05	122	Rate/Value Qualifier	1	X	ID	2/2
06	380	Quantity	1	X	R	1/15
07	1470	Number	1	X/Z	N0	1/9
08	1470	Number	1	O/Z	N0	1/9
09	1089	Index Identity Code	1	O	ID	2/2
10	1681	Primary Source of Index Code	1	O	ID	2/2
11	352	Description	1	O/Z	AN	1/80

Syntax Notes

05	P0506
08	C0807

Semantic Notes

07	CDI07 indicates the sequential number of the payment at which a change option can occur or a change option period begins.
08	CDI08 indicates the sequential number of the payment at which a change option period ends.
11	CDI11 provides additional information associated with the changes or adjustments.

CDS - Case Description

To identify and describe a specific court case

TRANSACTION SETS USED IN

105 154 155 175 176 186 200 252 267 521

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1008	Case Type Code	1	M	ID	1/2
02	1009	Administration of Justice Organization Type Code	1	M	ID	1/2
03	128	Reference Identification Qualifier	1	O	ID	2/3
04	127	Reference Identification	1	X	AN	1/80
05	352	Description	1	O	AN	1/80
06	66	Identification Code Qualifier	1	X	ID	1/2
07	67	Identification Code	1	X	AN	2/80
08	66	Identification Code Qualifier	1	X	ID	1/2
09	67	Identification Code	1	X	AN	2/80
10	66	Identification Code Qualifier	1	X	ID	1/2
11	67	Identification Code	1	X	AN	2/80

Syntax Notes

03	C0304
06	P0607
08	P0809
10	P1011

CED - Administration of Justice Event Description

To describe specific administration of justice events and actions

TRANSACTION SETS USED IN

154 155 175 176 186 252 267

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1012	Administration of Justice Event Type Code	1	M	ID	1/3
02	306	Action Code	1	O	ID	1/2
03	1013	Notice Type Code	1	O	ID	1/3
04	1008	Case Type Code	1	O	ID	1/2
05	352	Description	1	O	AN	1/80

CER - Certification

To provide information of the certification agency identified for the recognition, endorsement or certification of the product.

TRANSACTION SETS USED IN
832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	559	Agency Qualifier Code	1	X	ID	2/2
02	1035	Name Last or Organization Name	1	X	AN	1/80
03	352	Description	1	O/Z	AN	1/80
04	127	Reference Identification	1	O/Z	AN	1/80
05	66	Identification Code Qualifier	1	X	ID	1/2
06	67	Identification Code	1	X	AN	2/80
07	373	Date	1	O/Z	DT	8/8
08	373	Date	1	O/Z	DT	8/8

Syntax Notes

01	R0102
05	P0506

Semantic Notes

03	CER03 is the description of the certification program.
04	CER04 is the certificate number correlating to CER01 or CER02.
07	CER07 is the effective date of the certificate
08	CER08 is the expiration date of the certificate

CF1 - Beginning Segment for Summary Freight Bill Manifest

To transmit identifying numbers, dates, and other basic data related to the transaction set

TRANSACTION SETS USED IN

224

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	474	Master Reference (Link) Number	1	M	AN	1/22
02	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
03	373	Date	1	O/Z	DT	8/8
04	609	Count	1	O/Z	N0	1/9
05	610	Amount	1	O/Z	N2	1/15
06	373	Date	1	O/Z	DT	8/8

Semantic Notes

02 CF102 is the Standard Carrier Alpha Code (SCAC) of the carrier that provided the transportation services.

03 CF103 is the date the summary freight bill manifest was created.

04 CF104 is the number of invoices represented by this summary freight bill manifest.

05 CF105 is the total amount due for all of the freight bills represented by this summary freight bill manifest.

06 CF106 is the date payment is due for all of the freight bills represented by this summary freight bill manifest.

CF2 - Summary Freight Bill Detail

To identify the freight bill number, net amount due, and other basic data related to the freight bill such as date of pickup

TRANSACTION SETS USED IN
224

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	76	Invoice Number	1	M	AN	1/22
02	193	Net Amount Due	1	M	N2	1/15
03	145	Shipment Identification Number	1	O	AN	1/30
04	146	Shipment Method of Payment Code	1	O	ID	2/2
05	373	Date	1	O/Z	DT	8/8
06	373	Date	1	O/Z	DT	8/8
07	187	Weight Qualifier	1	X	ID	1/2
08	188	Weight Unit Code	1	X	ID	1/1
09	81	Weight	1	X	R	1/10
10	640	Transaction Type Code	1	O	ID	2/2

Syntax Notes

07	C0709
08	C0809
09	L090708

Semantic Notes

05	CF205 is the date the shipment was picked up by the carrier.
06	CF206 is the date the shipment was delivered by the carrier.

CFI - Compensation Financial Information

To report compensation and or claim financial information

TRANSACTION SETS USED IN

148

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1136	Code Category	1	M/Z	ID	2/2
02	426	Adjustment Reason Code	1	O/Z	ID	2/2
03	1129	Adjustment Reason Code Characteristic	1	O/Z	ID	1/2
04	875	Maintenance Type Code	1	O/Z	ID	3/3
05	594	Frequency Code	1	O/Z	ID	1/1
06	1698	Settlement Type Code	1	O/Z	ID	1/2
07	9	Late Reason Code	1	O/Z	ID	2/2

Semantic Notes

01 CFI01 identifies the financial activity being reported.

02 CFI02 further defines the financial activity or category being reported.

03 CFI03 defines the financial category being reported.

04 CFI04 defines the specific purpose of individual records within the transaction being transmitted.

05 CFI05 identifies the claim financial time period being reported.

06 CFI06 defines the type of lump sum being reported.

07 CFI07 defines the reason a payment is late.

CFT - Cost Reporting Format Type

To identify the cost reporting type, type of units reported, and funds details for the Contract Funds Status Report (CFSR)

TRANSACTION SETS USED IN
839

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	755	Report Type Code	1	M	ID	2/2
02	C001	Composite Unit of Measure	1	O		
03	1198	Contracting Funding Code	1	O	ID	2/2
04	374	Date/Time Qualifier	1	X	ID	3/3
05	373	Date	1	X	DT	8/8
06	374	Date/Time Qualifier	1	X	ID	3/3
07	373	Date	1	X	DT	8/8
08	1199	Appropriation Code	1	O	ID	2/2
09	352	Description	1	O	AN	1/80

Syntax Notes

04	P0405
06	P0607

CGS - Charge

To specify charges

TRANSACTION SETS USED IN

121 215

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	58	Amount Charged	1	X	N2	1/15
02	100	Currency Code	1	O	ID	3/3
03	374	Date/Time Qualifier	1	X	ID	3/3
04	373	Date	1	X	DT	8/8
05	150	Special Charge or Allowance Code	1	X	ID	3/3

Syntax Notes

01	P0105
03	P0304

CHB - Chargeback Information

To define elements associated with a charge to unemployment insurance tax account

TRANSACTION SETS USED IN
153

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	309	Location Qualifier	1	X	ID	1/2
02	310	Location Identifier	1	X	AN	1/30
03	1468	Reason Stopped Work Code	1	O	ID	2/2
04	1017	Claim Type Code	1	O	ID	1/2
05	1029	Claim Status Code	1	O	ID	1/2
06	98	Entity Identifier Code	1	O/Z	ID	2/3
07	478	Credit/Debit Flag Code	1	O	ID	1/1
08	1271	Industry Code	1	O/Z	AN	1/30
09	248	Allowance or Charge Indicator Code	1	O	ID	1/1

Syntax Notes

01 P0102

Semantic Notes

06 CHB06 may be used to identify the type of employer.
08 CHB08 is a code assigned by an employment security agency.

CHI - Cheese Information

To specify a cheese type and related characteristics

TRANSACTION SETS USED IN
832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1842	Cheese Type	1	M	ID	1/3
02	C079	Composite Multiple Language Extended Text Information	1	O/Z		
03	1843	Relative Firmness of Cheese	1	O	ID	2/2
04	1845	Cheese Ripening Process	1	O	ID	2/2
05	1844	Surface of Cheese at End of Ripening	1	O	ID	2/2
06	738	Measurement Qualifier	1	X	ID	1/3
07	739	Measurement Value	1	X	R	1/20
08	355	Unit or Basis for Measurement Code	1	X	ID	2/2
09	235	Product/Service ID Qualifier	1	X/Z	ID	2/2
10	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

06 P060708
06 P060910

Semantic Notes

02 Specify the 'other' cheese type
09 When code 'HB' is used format is 2 alpha characters, dash, 2 alpha character. Example: CA-ON.

Comments

01 If CHI01 equals '89' then CHI02 is the cheese name.

CHR - Car Hire Rates

To identify source and type of car hire rate

TRANSACTION SETS USED IN

414

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1007	Rate Source Code	1	M	ID	1/1
02	221	Billed/Rated-as Qualifier	1	M	ID	2/2
03	649	Multiplier	1	O	R	1/10

CI - Carrier Interchange Agreement

To identify motor carriers and the status of their interchange agreements

TRANSACTION SETS USED IN
361 424

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	93	Name	1	O	AN	1/60
02	140	Standard Carrier Alpha Code	1	O	ID	2/4
03	66	Identification Code Qualifier	1	X	ID	1/2
04	67	Identification Code	1	X	AN	2/80
05	66	Identification Code Qualifier	1	X	ID	1/2
06	67	Identification Code	1	X	AN	2/80
07	772	Interchange Agreement Status Code	1	O	ID	1/1
08	374	Date/Time Qualifier	1	X	ID	3/3
09	373	Date	1	X	DT	8/8
10	374	Date/Time Qualifier	1	X	ID	3/3
11	373	Date	1	X	DT	8/8
12	93	Name	1	O	AN	1/60
13	128	Reference Identification Qualifier	1	X	ID	2/3
14	127	Reference Identification	1	X	AN	1/80

Syntax Notes

03	P0304
05	P0506
08	P0809
10	P1011
13	P1314

CIC - Car Information Control

To transmit identifying equipment mark and type associated with the cycle or transaction

TRANSACTION SETS USED IN
414 432

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	206	Equipment Initial	1	O	AN	1/4
02	207	Equipment Number	1	O	AN	1/15
03	301	Car Type Code	1	X	ID	1/4
04	207	Equipment Number	1	O/Z	AN	1/15
05	1482	Mechanical Car Code	1	X	ID	4/4

Syntax Notes

03 E0305

Semantic Notes

04 CIC04 is the high car number if range is reported.

CID - Characteristic/Class ID

To specify the general class or specific characteristic upon which test results are being reported or are to be taken

TRANSACTION SETS USED IN

112 142 143 244 625 841 842 848 863

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	738	Measurement Qualifier	1	X	ID	1/3
02	750	Product/Process Characteristic Code	1	X	ID	2/3
03	559	Agency Qualifier Code	1	X	ID	2/2
04	751	Product Description Code	1	X	AN	1/12
05	352	Description	1	X	AN	1/80
06	822	Source Subqualifier	1	O	AN	1/15
07	1073	Yes/No Condition or Response Code	1	O	ID	1/1

Syntax Notes

01	R01020405
03	P0304
06	C060304
07	L070405

Comments

06	CID06 specifies the individual code list of the agency specified in CID03.
07	CID07 refers to whether or not the characteristic identified in CID04 or CID05 or both is affected by the product change. If it is affected, the value is "Y". A value of "N" is used when it is known that it will not be affected. Any other value indicates it is indeterminate.

CII - Conveyance Insurance Information

Conveyance Insurance Information

TRANSACTION SETS USED IN
309 355 358 359

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	93	Name	1	M/Z	AN	1/60
02	127	Reference Identification	1	M/Z	AN	1/80
03	1095	Year	1	M/Z	N0	4/4
04	100	Currency Code	1	O/Z	ID	3/3
05	610	Amount	1	M/Z	N2	1/15

Semantic Notes

01 CII01 is the Name of the Insurance Company.
02 CII02 is the Policy Number of the Insurance.
03 CII03 is the Year policy in CII02 was Issued.
04 CII04 is USD (U.S. Dollars) if not stipulated.
05 CII05 is the Amount of the Insurance on policy in CII02.

CIV - Civil Action Liability

To provide law suit, outstanding judgment, tax lien or foreclosure status

TRANSACTION SETS USED IN
833

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1185	Public Record or Obligation Code	1	M/Z	ID	2/2
02	522	Amount Qualifier Code	1	M/Z	ID	1/3
03	782	Monetary Amount	1	M	R	1/18
04	122	Rate/Value Qualifier	1	O/Z	ID	2/2
05	93	Name	1	O/Z	AN	1/60
06	93	Name	1	O	AN	1/60
07	128	Reference Identification Qualifier	1	X/Z	ID	2/3
08	127	Reference Identification	1	X/Z	AN	1/80
09	19	City Name	1	O/Z	AN	2/30
10	1096	County Designator Code	1	O/Z	ID	5/5
11	156	State or Province Code	1	O	ID	2/2
12	1250	Date Time Period Format Qualifier	1	X	ID	2/3
13	1251	Date Time Period	1	X/Z	AN	1/35
14	374	Date/Time Qualifier	1	O/Z	ID	3/3
15	1250	Date Time Period Format Qualifier	1	X	ID	2/3
16	1251	Date Time Period	1	X	AN	1/35
17	352	Description	1	O/Z	AN	1/80
18	127	Reference Identification	1	O	AN	1/80

Syntax Notes

07 P0708
12 P1213
15 P1516

Semantic Notes

01 CIV01 defines the type of legal liability.
02 CIV02 defines legal obligation amount type.
04 CIV04 defines time period if obligation is recurring.
05 CIV05 and CIV06 state name or recipient of legal liability payment.
07 CIV07 defines the type of judgment identifier or docket number.
08 CIV08 is the judgment identifier value or the docket number.
09 CIV09 is the city where the civil action was filed.
10 CIV10 is the county designator listed in Code Source 145.
13 CIV13 defines the date civil action was filed.
14 If CIV14 is "268", CIV16 is the end date of the support obligation.
17 CIV17 is text description of civil action liability.

CL1 - Claim Codes

To supply information specific to hospital claims

TRANSACTION SETS USED IN

278 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1315	Priority (Type) of Admission or Visit	1	O	ID	1/1
02	1314	Point of Origin for Admission or Visit	1	O	ID	1/1
03	1352	Patient Discharge Status	1	O	ID	1/2
04	1345	Nursing Home Residential Status Code	1	O	ID	1/1

CLD - Load Detail

To specify the number of material loads shipped

TRANSACTION SETS USED IN
856

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	622	Number of Loads	1	M	N0	1/5
02	382	Number of Units Shipped	1	M	R	1/10
03	103	Packaging Code	1	O	AN	3/5
04	357	Size	1	X	R	1/8
05	355	Unit or Basis for Measurement Code	1	O/Z	ID	2/2

Syntax Notes

05 C0504

Semantic Notes

05 CLD05 is used to dimension the value given in CLD04.

Comments

00 The CLD data segment may be used to provide information to aid in the preparation of move tags and/or bar coded labels.

CLI - Cost Line Item

To identify the cost line items associated with a specific reporting structure reference (i.e., a work breakdown structure) or summary project level reference

TRANSACTION SETS USED IN
196 650 839

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	98	Entity Identifier Code	1	X	ID	2/3
02	1196	Breakdown Structure Detail Code	1	X	ID	2/2
03	350	Assigned Identification	1	X/Z	AN	1/20
04	369	Free-form Description	1	O	AN	1/45
05	562	Rate or Value Type Code	1	O/Z	ID	1/2
06	1166	Contract Type Code	1	O	ID	2/2

Syntax Notes

01 R010203

Semantic Notes

03 CLI03 is a sequential number or identification assigned by the initiator.

05 CLI05 indicates whether cost line items are lot unit average values or unit average values.

Comments

01 CLI01, CLI02, or CLI03 can be used to describe a cost line item. Typically when CLI03 is used, CLI01 or CLI02 are not used.

CLM - Health Claim

To specify basic data about the claim

TRANSACTION SETS USED IN
837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1028	Claim Submitter's Identifier	1	M	AN	1/38
02	782	Monetary Amount	1	O/Z	R	1/18
03	1032	Claim Filing Indicator Code	1	O	ID	1/2
04	1343	Non-Institutional Claim Type Code	1	O	ID	1/2
05	C023	Health Care Service Location Information	1	O		
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	1359	Provider Accept Assignment Code	1	O	ID	1/1
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1363	Release of Information Code	1	O	ID	1/1
10	1351	Patient Signature Source Code	1	O	ID	1/1
11	C024	Related Causes Information	1	O		
12	1366	Special Program Code	1	O	ID	2/3
13	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
14	1338	Level of Service Code	1	O	ID	1/3
15	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
16	1360	Provider Agreement Code	1	O	ID	1/1
17	1029	Claim Status Code	1	O	ID	1/2
18	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
19	1383	Claim Submission Reason Code	1	O	ID	2/2
20	1514	Delay Reason Code	1	O	ID	1/2
21	1774	Claim Authorization Exception Code	1	O	ID	1/2

Semantic Notes

02 CLM02 is the total amount of all submitted charges of service segments for this claim.

06 CLM06 is provider signature on file indicator. A "Y" value indicates the provider signature is on file; an "N" value indicates the provider signature is not on file.

08 CLM08 is assignment of benefits indicator. A "Y" value indicates insured or authorized person authorizes benefits to be assigned to the provider; an "N" value indicates benefits have not been assigned to the provider.

13 CLM13 is CHAMPUS nonavailability indicator. A "Y" value indicates a statement of non-availability is on file; an "N" value indicates statement of nonavailability is not on file or not necessary.

15 CLM15 is charges itemized by service indicator. A "Y" value indicates charges are itemized by service; an "N" value indicates charges are summarized by service.

18 CLM18 is explanation of benefit (EOB) indicator. A "Y" value indicates that a paper EOB is requested; an "N" value indicates that no paper EOB is requested.

CLP - Claim Level Data

To supply information common to all services of a claim

TRANSACTION SETS USED IN
269 835

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1028	Claim Submitter's Identifier	1	M	AN	1/38
02	1029	Claim Status Code	1	M	ID	1/2
03	782	Monetary Amount	1	M/Z	R	1/18
04	782	Monetary Amount	1	M/Z	R	1/18
05	782	Monetary Amount	1	O/Z	R	1/18
06	1032	Claim Filing Indicator Code	1	O	ID	1/2
07	127	Reference Identification	1	O/Z	AN	1/80
08	1331	Facility Code Value	1	O	AN	1/3
09	1325	Claim Frequency Type Code	1	O	ID	1/1
10	1352	Patient Discharge Status	1	O	ID	1/2
11	C022	Health Care Code Information	1	X/Z		
12	380	Quantity	1	X/Z	R	1/15
13	954	Percentage as Decimal	1	O/Z	R	1/10
14	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
15	280	Exchange Rate	1	O	R	4/10
16	1732	Source of Payment Typology Code	1	O/Z	ID	2/6

Syntax Notes

11 P1112

Semantic Notes

03 CLP03 is the amount of submitted charges this claim.

04 CLP04 is the amount paid this claim.

05 CLP05 is the patient responsibility amount.

07 CLP07 is the payer's internal control number.

11 CLP11 is used to convey diagnostic related group code.

12 CLP12 is the diagnosis-related group (DRG) weight.

13 CLP13 is the discharge fraction.

14 CLP14 is the patient authorization to coordinate benefits. A "Y" indicates that the authorization exists; an "N" indicates that the authorization does not exist.

16 CLP16 is the Source of Payment Typology Code (see Code Source 944).

CLR - Car Location Routing Request

To identify the network address of parties to receive notification

TRANSACTION SETS USED IN

451

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	66	Identification Code Qualifier	1	M	ID	1/2
02	67	Identification Code	1	M	AN	2/80
03	1271	Industry Code	1	O/Z	AN	1/30
04	127	Reference Identification	1	O/Z	AN	1/80

Semantic Notes

03 CLR03 is the Car Location Message (CLM) Format.

04 CLR04 identifies the Fleet Identification Code that has been assigned by the carrier.

CM - Cargo Manifest

To identify specific flight or voyage information for multimodal shipments

TRANSACTION SETS USED IN
353 404 410 417 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	55	Flight/Voyage Number	1	O	AN	2/30
02	115	Port or Terminal Function Code	1	X	ID	1/1
03	114	Port Name	1	O	AN	2/24
04	373	Date	1	O/Z	DT	8/8
05	13	Booking Number	1	O	AN	1/17
06	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
07	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
08	373	Date	1	O/Z	DT	8/8
09	182	Vessel Name	1	O	AN	2/50
10	113	Pier Number	1	O	AN	1/4
11	112	Pier Name	1	O	AN	2/14
12	174	Terminal Name	1	O	AN	2/30
13	156	State or Province Code	1	O	ID	2/2
14	26	Country Code	1	O	ID	2/3
15	127	Reference Identification	1	O/Z	AN	1/80
16	202	Correction Indicator Code	1	O	ID	2/2
17	91	Transportation Method/Type Code	1	O	ID	1/2

Syntax Notes

04 C0402

Semantic Notes

04 CM04 is qualified by CM02.
06 CM06 contains the carrier code.
07 CM07 contains the previous carrier code.
08 CM08 is the manifest date.
15 CM15 is the vessel agent number.

Comments

02 CM02 is "D" for rail origin and "L" for rail destination.

CMA - Cooperative Market Agreement

Identifies the transaction set purpose and specifies the details of the cooperative agreement

TRANSACTION SETS USED IN

290

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	640	Transaction Type Code	1	M	ID	2/2
02	128	Reference Identification Qualifier	1	M	ID	2/3
03	127	Reference Identification	1	M	AN	1/80
04	373	Date	1	M/Z	DT	8/8
05	642	Week	1	M/Z	N0	6/6
06	771	Market Area Code Qualifier	1	X	ID	1/3
07	767	Market Area Code Identifier	1	X	AN	1/13
08	100	Currency Code	1	O	ID	3/3
09	1392	Market Profile	1	O	AN	1/8
10	367	Contract Number	1	O	AN	1/30
11	353	Transaction Set Purpose Code	1	O	ID	2/2

Syntax Notes

06 P0607

Semantic Notes

04 CMA04 is the campaign start date.

05 CMA05 is the campaign week number.

CMC - Commodity Classification

To specify freight commodity code and freight classification

TRANSACTION SETS USED IN
753

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	22	Commodity Code	1	O/Z	AN	1/30
02	59	Freight Class Code	1	O/Z	AN	2/5

Semantic Notes

01 CMC01 is the National Motor Freight Classification Commodity Code.

02 CMC02 is the Freight Class Code published in the National Motor Freight Classification.

CN1 - Contract Information

To specify basic data about the contract or contract line item

TRANSACTION SETS USED IN

132 202 255 837 840 850 860

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1166	Contract Type Code	1	M	ID	2/2
02	782	Monetary Amount	1	O/Z	R	1/18
03	332	Percent, Decimal Format	1	O/Z	R	1/6
04	127	Reference Identification	1	O/Z	AN	1/80
05	338	Terms Discount Percent	1	O	R	1/6
06	799	Version Identifier	1	O/Z	AN	1/30

Semantic Notes

02 CN102 is the contract amount.

03 CN103 is the allowance or charge percent.

04 CN104 is the contract code.

06 CN106 is an additional identifying number for the contract.

CNP - Cannabis Product Information

To specify cannabis product information and related characteristics

TRANSACTION SETS USED IN
832

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	739	Measurement Value	1	M/Z	R	1/20
02	1861	Cannabis Plant Type	1	O	ID	3/3
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
05	1862	Carrier Medium	1	X	ID	3/3
06	C079	Composite Multiple Language Extended Text Information	1	X/Z		
07	1863	Extraction Process	1	X	ID	3/3
08	C079	Composite Multiple Language Extended Text Information	1	X/Z		
09	C071	Composite Multiple Language Text Information	1	O/Z		

Syntax Notes

05	E0506
07	E0708

Semantic Notes

01	Specify cannabis dried equivalent, the quantity that is equivalent to 1g of dried cannabis
03	Specify whether the cannabis plant is hybrid (a result of crossbreeding two other species of cannabis plants).
04	Specify whether multiple species are included in the same product (blend).
06	Specify other carrier medium
08	Specify other extraction process
09	Specify cannabis common name, the traditional strain name given as an identifier used to differentiate between cannabis strains.

COB - Coordination of Benefits

To supply information on coordination of benefits

TRANSACTION SETS USED IN

834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1138	Payer Responsibility Sequence Number Code	1	O	ID	1/1
02	127	Reference Identification	1	O/Z	AN	1/80
03	1143	Coordination of Benefits Code	1	O	ID	1/1
04	1365	Service Type Code	9	O	ID	1/2

Semantic Notes

02 COB02 is the policy number.

COD - Channel of Distribution

Indicates the channel in which the item is distributed for commercial sale.

TRANSACTION SETS USED IN

897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	559	Agency Qualifier Code	1	M	ID	2/2
02	C070	Composite Channel of Distribution	1	M		

COI - Container Information

To specify a container's characteristics of packaging, material color, closure device types etc. Example: Bottle made of blue glass with a cork closure.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	103	Packaging Code	1	O	AN	3/5
02	1830	Container Material Color	1	O	ID	2/3
03	1819	Closure Type	1	O	ID	2/3

COM - Communication Contact Information

To specify a communication contact number

TRANSACTION SETS USED IN

100 101 111 132 133 138 155 189 244 252 267 650 832 892 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	365	Communication Number Qualifier	1	M	ID	2/2
02	364	Communication Number	1	M	AN	1/2048
03	C057	Communication Number Component	9	O		
04	819	Language Code	1	O/Z	ID	2/3
05	350	Assigned Identification	1	O/Z	AN	1/20

Semantic Notes

04 COM04 is used to identify the language being used in COM02 and COM03.

05 COM05 allows the sender to group the communication numbers by the language code specified in COM04 for a single occurrence of the COM segment. When used, COM05 starts with the value of 1 and increments by 1.

Comments

02 When data element 364 communication number is a telephone number COM04 language code indicates the language capability of the party being contacted.

02 When data element 364 communication number is either a link or url, COM04 language code indicates the language of the url or link, or indicates the language capability of the party being contacted.

02 When data element 364 communication number is an email address, COM04 language code indicates the language capability of the party being contacted.

04 The value of the language code in COM04 pertains to all occurrences of data element 364.

04 When multiple languages are applicable to a COM segment, a separate COM is required for each language.

CON - Contract Number Detail

To specify contract or reference number and status

TRANSACTION SETS USED IN

132 268 536 844 845 849

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	M	ID	2/3
02	127	Reference Identification	1	M	AN	1/80
03	846	Contract Status Code	1	M	ID	2/2

CPI - Claimant Payment Information

To specify how the claimant payment will be handled

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1764	Payment Handling Code	1	M	ID	2/2
02	782	Monetary Amount	1	O	R	1/18
03	352	Description	1	O/Z	AN	1/80

Semantic Notes

03 CPI03 is used to convey additional claimant payment handling information.

CPL - Program Information

To provide information about a selected program

TRANSACTION SETS USED IN
890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1193	Program Type Code	1	M	ID	2/2
02	352	Description	1	M/Z	AN	1/80
03	306	Action Code	1	M	ID	1/2
04	1762	Contract Date Basis Code	1	X	ID	1/2
05	98	Entity Identifier Code	1	X/Z	ID	2/3
06	352	Description	1	O/Z	AN	1/80
07	1321	Condition Indicator Code	1	X/Z	ID	2/3
08	1765	Program Basis Type Code	1	X/Z	ID	2/2
09	1321	Condition Indicator Code	1	O/Z	ID	2/3
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
11	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
12	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

04	P0405
07	P0708

Semantic Notes

02	CPL02 is a unique program identifier referenced from CPL01.
05	CPL05 identifies the party establishing the Date Basis Code in CPL04
06	CPL06 provides for a text description of the program.
07	CPL07 indicates the contractee distribution type.
08	CPL08 indicates the basis for the distribution type in CPL07.
09	CPL09 refers to a Margin or Markup program.
10	CPL10 indicates if a distributor markup is included in the program. A 'Y' indicates that a markup is included. An 'N' indicates that a markup is not included.
11	CPL11 indicates if product substitution is allowed. A 'Y' indicates that product substitution is allowed. An 'N' indicates that product substitution is not allowed.
12	CPL12 refers to a Growth program and indicates if money is paid back to the first unit. A 'Y' indicates that money is paid back to the first unit. An 'N' indicates that money is not paid back to the first unit.

CPM - Customs Profile Management Information

To transmit Customs Profile Management information

TRANSACTION SETS USED IN
359

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	66	Identification Code Qualifier	1	M	ID	1/2
03	67	Identification Code	1	M	AN	2/80
04	93	Name	1	O	AN	1/60
05	140	Standard Carrier Alpha Code	1	O	ID	2/4
06	127	Reference Identification	1	O/Z	AN	1/80

Semantic Notes

06 CPM06 is the unique identification number of the profile amendment described by the originator of the profile amendment.

CPR - Commodity Price Reference

To provide a specific price on a specified date for a given commodity

TRANSACTION SETS USED IN

843

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1053	Market Exchange Identifier Code	1	M	ID	3/3
02	373	Date	1	M/Z	DT	8/8
03	212	Unit Price	1	M	R	1/17
04	1054	Commodity Identification Code	1	M	ID	2/2
05	1073	Yes/No Condition or Response Code	1	O	ID	1/1

Semantic Notes

02 CPR02 is the date of the commodity market price.

Comments

03 CPR03 is always stated in the unit of measure of the commodity market, e.g., gold and silver are always in troy ounces.

05 CPR05 contains code "Y" if a premium is included in the price and code "N" if a premium is not included in the price.

CQ - Credentials and Qualifications

To provide information on any certificate, license, permit, credential, or qualification

TRANSACTION SETS USED IN

132

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1729	Credential Type Code	1	M	ID	1/2
02	1731	Credential Category Code	1	O	ID	1/2
03	66	Identification Code Qualifier	1	X/Z	ID	1/2
04	67	Identification Code	1	X	AN	2/80
05	1131	Level of Individual, Test, or Course Code	1	O	ID	2/2
06	1147	Basis for Academic Credit or Award of Credential Code	1	O/Z	ID	1/1
07	1730	Credential Requirement Code	7	O/Z	ID	1/1
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1321	Condition Indicator Code	1	O/Z	ID	2/3
10	156	State or Province Code	1	O/Z	ID	2/2

Syntax Notes

03 P0304

Semantic Notes

03 CQ03 and CQ04 indicate the State-assigned credential identifier.

06 CQ06 indicates the predetermined criteria for granting a credential.

07 The positionality of occurrences of CQ07 is not significant.

08 CQ08 defines whether the credential is renewable. A "Y" indicates that the credential is renewable; an "N" indicates that the credential is not renewable.

09 CQ09 indicates the current condition of the credential.

10 CQ10 is the State or Province from which the credential was issued.

CR1 - Ambulance Certification

To supply information related to the ambulance service rendered to a patient

TRANSACTION SETS USED IN
278 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	355	Unit or Basis for Measurement Code	1	X	ID	2/2
02	81	Weight	1	X/Z	R	1/10
03	1316	Ambulance Transport Code	1	O	ID	1/1
04	1317	Ambulance Transport Reason Code	1	O	ID	1/1
05	355	Unit or Basis for Measurement Code	1	X	ID	2/2
06	380	Quantity	1	X/Z	R	1/15
07	166	Address Information	1	O/Z	AN	1/55
08	166	Address Information	1	O/Z	AN	1/55
09	352	Description	1	O/Z	AN	1/80
10	352	Description	1	O/Z	AN	1/80

Syntax Notes

01 P0102
05 P0506

Semantic Notes

02 CR102 is the weight of the patient at time of transport.
06 CR106 is the distance traveled during transport.
07 CR107 is the address of origin.
08 CR108 is the address of destination.
09 CR109 is the purpose for the round trip ambulance service.
10 CR110 is the purpose for the usage of a stretcher during ambulance service.

CR2 - Chiropractic Certification

To supply information related to the chiropractic service rendered to a patient

TRANSACTION SETS USED IN
278 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	609	Count	1	X/Z	N0	1/9
02	380	Quantity	1	X/Z	R	1/15
03	1367	Subluxation Level Code	1	X	ID	2/3
04	1367	Subluxation Level Code	1	O	ID	2/3
05	355	Unit or Basis for Measurement Code	1	X	ID	2/2
06	380	Quantity	1	X/Z	R	1/15
07	380	Quantity	1	O/Z	R	1/15
08	1342	Nature of Condition Code	1	O	ID	1/1
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	352	Description	1	O/Z	AN	1/80
11	352	Description	1	O/Z	AN	1/80
12	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

01 P0102
04 C0403
05 P0506

Semantic Notes

01 CR201 is the number this treatment is in the series.
02 CR202 is the total number of treatments in the series.
06 CR206 is the time period involved in the treatment series.
07 CR207 is the number of treatments rendered in the month of service.
09 CR209 is complication indicator. A "Y" value indicates a complicated condition; an "N" value indicates an uncomplicated condition.
10 CR210 is a description of the patient's condition.
11 CR211 is an additional description of the patient's condition.
12 CR212 is X-rays availability indicator. A "Y" value indicates X-rays are maintained and available for carrier review; an "N" value indicates X-rays are not maintained and available for carrier review.

Comments

03 When both CR203 and CR204 are present, CR203 is the beginning level of subluxation and CR204 is the ending level of subluxation.

CR3 - Durable Medical Equipment Certification

To supply information regarding a physician's certification for durable medical equipment

TRANSACTION SETS USED IN
837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1322	Certification Type Code	1	O	ID	1/1
02	355	Unit or Basis for Measurement Code	1	X/Z	ID	2/2
03	380	Quantity	1	X	R	1/15
04	1335	Insulin Dependent Code	1	O	ID	1/1
05	352	Description	1	O/Z	AN	1/80

Syntax Notes

02 P0203

Semantic Notes

02 CR302 and CR303 specify the time period covered by this certification.

05 CR305 is the prognosis of the patient.

CR4 - Enteral or Parenteral Therapy Certification

To supply information regarding certification of medical necessity for enteral or parenteral nutrition therapy

TRANSACTION SETS USED IN
278 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	1322	Certification Type Code	1	O	ID	1/1
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	380	Quantity	1	X/Z	R	1/15
05	355	Unit or Basis for Measurement Code	1	X	ID	2/2
06	380	Quantity	1	X/Z	R	1/15
07	1344	Non-Visit Code	1	O	ID	1/1
08	355	Unit or Basis for Measurement Code	1	X	ID	2/2
09	380	Quantity	1	X/Z	R	1/15
10	355	Unit or Basis for Measurement Code	1	X	ID	2/2
11	65	Height	1	X/Z	R	1/8
12	355	Unit or Basis for Measurement Code	1	X	ID	2/2
13	81	Weight	1	X/Z	R	1/10
14	380	Quantity	1	O/Z	R	1/15
15	352	Description	1	O/Z	AN	1/80
16	1346	Nutrient Administration Method Code	1	O	ID	1/1
17	1347	Nutrient Administration Technique Code	1	O	ID	1/1
18	380	Quantity	1	O/Z	R	1/15
19	380	Quantity	1	O/Z	R	1/15
20	352	Description	1	O/Z	AN	1/80
21	380	Quantity	1	O/Z	R	1/15
22	954	Percentage as Decimal	1	O/Z	R	1/10
23	380	Quantity	1	O/Z	R	1/15
24	380	Quantity	1	O/Z	R	1/15
25	954	Percentage as Decimal	1	O/Z	R	1/10
26	380	Quantity	1	O/Z	R	1/15
27	954	Percentage as Decimal	1	O/Z	R	1/10
28	380	Quantity	1	O/Z	R	1/15
29	352	Description	1	O/Z	AN	1/80

Syntax Notes

03	P0304
05	P0506
08	P0809
10	P1011
12	P1213

Semantic Notes

01 CR401 is enteral or parenteral indicator. A "Y" value indicates enteral; an "N" value indicates parenteral.

04 CR404 is the estimated duration of therapy.

06 CR406 is the time period covered by this certification.

09 CR409 is the age of the patient.

11 CR411 is the height of the patient.

13 CR413 is the weight of the patient.

14 CR414 is the number of times the patient is fed per week for parenteral claims or the number of times the patient is fed per day for enteral claims.

15 CR415 is the product name.

18 CR418 is the total number of calories per day of all nutrients prescribed.

19 CR419 is the total number of calories per day prescribed for this product.

20 CR420 is the amino acid name.

21 CR421 is the number of milliliters of amino acid solution used in the prescription per day.

22 CR422 is the percentage of concentration of amino acid used in the prescription.

23 CR423 is the number of grams of amino acid used per day.

24 CR424 is the number of milliliters of dextrose solution used in the prescription per day.

25 CR425 is the percentage of concentration of dextrose used in the prescription.

26 CR426 is the number of milliliters of lipids used in the prescription.

27 CR427 is the percentage of concentration of lipids used in the prescription.

28 CR428 is the number of times per week lipids are used in the prescription.

29 CR429 is the special circumstances or medical justification.

CR5 - Oxygen Therapy Certification

To supply information regarding certification of medical necessity for home oxygen therapy

TRANSACTION SETS USED IN
278 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1322	Certification Type Code	1	O	ID	1/1
02	380	Quantity	1	O/Z	R	1/15
03	1348	Oxygen Equipment Type Code	1	O	ID	1/1
04	1348	Oxygen Equipment Type Code	1	O	ID	1/1
05	352	Description	1	O/Z	AN	1/80
06	380	Quantity	1	O/Z	R	1/15
07	380	Quantity	1	O/Z	R	1/15
08	380	Quantity	1	O/Z	R	1/15
09	352	Description	1	O/Z	AN	1/80
10	380	Quantity	1	O/Z	R	1/15
11	380	Quantity	1	O/Z	R	1/15
12	1349	Oxygen Test Condition Code	1	O	ID	1/1
13	1350	Oxygen Test Findings Code	1	O	ID	1/1
14	1350	Oxygen Test Findings Code	1	O	ID	1/1
15	1350	Oxygen Test Findings Code	1	O	ID	1/1
16	380	Quantity	1	O/Z	R	1/15
17	1382	Oxygen Delivery System Code	1	O	ID	1/1
18	1348	Oxygen Equipment Type Code	1	O	ID	1/1

Semantic Notes

02 CR502 is the number of months covered by this certification.
05 CR505 is the reason for equipment.
06 CR506 is the oxygen flow rate in liters per minute.
07 CR507 is the number of times per day the patient must use oxygen.
08 CR508 is the number of hours per period of oxygen use.
09 CR509 is the special orders for the respiratory therapist.
10 CR510 is the arterial blood gas.
11 CR511 is the oxygen saturation.
16 CR516 is the oxygen flow rate for a portable oxygen system in liters per minute.

CR6 - Home Health Care Certification

To supply information related to the certification of a home health care patient

TRANSACTION SETS USED IN
278 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	923	Prognosis Code	1	M	ID	1/1
02	373	Date	1	M/Z	DT	8/8
03	1250	Date Time Period Format Qualifier	1	X	ID	2/3
04	1251	Date Time Period	1	X/Z	AN	1/35
05	373	Date	1	O/Z	DT	8/8
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	1322	Certification Type Code	1	O	ID	1/1
09	373	Date	1	X/Z	DT	8/8
10	235	Product/Service ID Qualifier	1	X/Z	ID	2/2
11	1137	Medical Code Value	1	X/Z	AN	1/15
12	373	Date	1	O/Z	DT	8/8
13	373	Date	1	O/Z	DT	8/8
14	373	Date	1	O/Z	DT	8/8
15	1250	Date Time Period Format Qualifier	1	X	ID	2/3
16	1251	Date Time Period	1	X/Z	AN	1/35
17	1384	Patient Location Code	1	X/Z	ID	1/1
18	373	Date	1	O/Z	DT	8/8
19	373	Date	1	O/Z	DT	8/8
20	373	Date	1	O/Z	DT	8/8
21	373	Date	1	O/Z	DT	8/8

Syntax Notes

03 P0304
09 P091011
15 P151617

Semantic Notes

02 CR602 is the date covered home health services began.
04 CR604 is the certification period covered by this plan of treatment.
05 CR605 is the date of onset or exacerbation of the principal diagnosis.
06 A "Y" value indicates patient is receiving care in a 1861J (skilled nursing) facility. An "N" value indicates patient is not receiving care in a 1861J facility . A "U" value indicates it is unknown whether or not the patient is receiving care in a 1861J facility .
07 CR607 indicates if the patient is covered by Medicare. A "Y" value indicates the patient is covered by Medicare; an "N" value indicates patient is not covered by Medicare.
09 CR609 is the date that the surgery identified in CR611 was performed.

CR610 qualifies CR611.
CR611 is the surgical procedure most relevant to the care being rendered.
CR612 is the date the agency received the verbal orders from the physician for start of care.
CR613 is the date that the patient was last seen by the physician.
CR614 is the date of the home health agency's most recent contact with the physician.
CR616 is the date range of the most recent inpatient stay.
CR617 indicates the type of facility from which the patient was most recently discharged.
CR618 is the date of onset or exacerbation of the first secondary diagnosis.
CR619 is the date of onset or exacerbation of the second secondary diagnosis.
CR620 is the date of onset or exacerbation of the third secondary diagnosis.
CR621 is the date of onset or exacerbation of the fourth secondary diagnosis.

CR7 - Home Health Treatment Plan Certification

To supply information related to the home health care plan of treatment and services

TRANSACTION SETS USED IN

278 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	921	Discipline Type Code	1	M	ID	2/2
02	1470	Number	1	M/Z	N0	1/9
03	1470	Number	1	M/Z	N0	1/9

Semantic Notes

02 CR702 is the total visits on this bill rendered prior to the recertification "to" date.

03 CR703 is the total visits projected during this certification period.

CR8 - Implant Certification

To supply information related to medical implant registries

TRANSACTION SETS USED IN
278 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1403	Implant Type Code	1	M	ID	1/2
02	1404	Implant Status Code	1	M	ID	1/1
03	373	Date	1	O/Z	DT	8/8
04	373	Date	1	O/Z	DT	8/8
05	127	Reference Identification	1	O/Z	AN	1/80
06	127	Reference Identification	1	O/Z	AN	1/80
07	127	Reference Identification	1	O/Z	AN	1/80
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

03 CR803 is the warranty expiration date.

04 CR804 is the implant date.

05 CR805 is the manufacturer identification.

06 CR806 is the model number.

07 CR807 is the serial number.

08 CR808 indicates if leads were left in the patient. A "Y" value indicates leads were left in patient; an "N" value indicates leads were not left in patient.

09 CR809 indicates if the pacemaker was returned to the manufacturer. A "Y" value indicates the pacemaker was returned to the manufacturer; an "N" value indicates the pacemaker was not returned to the manufacturer.

CRC - Conditions Indicator

To supply information on conditions

TRANSACTION SETS USED IN

124 148 155 175 176 180 187 195 201 202 206 262 266 272 274 278 280 288 290 435 810 832 837 886

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1136	Code Category	1	M/Z	ID	2/2
02	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
03	1321	Condition Indicator Code	1	M	ID	2/3
04	1321	Condition Indicator Code	1	O	ID	2/3
05	1321	Condition Indicator Code	1	O	ID	2/3
06	1321	Condition Indicator Code	1	O	ID	2/3
07	1321	Condition Indicator Code	1	O	ID	2/3

Semantic Notes

01 CRC01 qualifies CRC03 through CRC07.

02 CRC02 is a Certification Condition Code applies indicator. A "Y" value indicates the condition codes in CRC03 through CRC07 apply; an "N" value indicates the condition codes in CRC03 through CRC07 do not apply.

CRD - Content Reporting Detail

To supply the detail information necessary to fulfill mandated requirements for the reporting of non-domestic materials and/or components included in domestically produced products

TRANSACTION SETS USED IN
832

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	26	Country Code	1	M	ID	2/3
02	522	Amount Qualifier Code	1	X	ID	1/3
03	782	Monetary Amount	1	X/Z	R	1/18
04	488	Percent, Integer Format	1	X/Z	N0	1/3

Syntax Notes

02	P0203
03	R0304

Semantic Notes

03	CRD03 contains nonoriginating traced amount.
03	CRD03 is qualified by CRD02.
04	CRD04 contains value-added percent based on average "A" factor Mexican local content divided by the total selling price.

Comments

00	Use one CRD segment for each country.
02	If CRD02 equals "V0", then CRD04 is required.

CRI - Claim Report Information

To specify information about the claim being reported

TRANSACTION SETS USED IN

148

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	875	Maintenance Type Code	1	X	ID	3/3
02	1029	Claim Status Code	1	O	ID	1/2
03	1203	Maintenance Reason Code	1	O	ID	2/3
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
05	594	Frequency Code	1	O/Z	ID	1/1
06	1032	Claim Filing Indicator Code	1	M	ID	1/2
07	1250	Date Time Period Format Qualifier	1	X	ID	2/3
08	1251	Date Time Period	1	X/Z	AN	1/35
09	1129	Adjustment Reason Code Characteristic	1	O/Z	ID	1/2
10	9	Late Reason Code	1	O/Z	ID	2/2
11	1321	Condition Indicator Code	1	O/Z	ID	2/3

Syntax Notes

01	P010708
09	C0901
10	C1001

Semantic Notes

04	CRI04 specifies whether there is an agreement to compensate. A "Y" indicates an agreement to compensate with liability; an "N" indicates there is no agreement to compensate.
05	CRI05 specifies the frequency of the scheduled report.
08	CRI08 specifies the effective date of Maintenance Type Code CRI01.
09	CRI09 is the payment adjustment associated with the Maintenance Type Code.
10	CRI10 is the reason the transaction is late.
11	CRI11 indicates Loss Type of workers' compensation claim.

CRO - Credit Report Order Details

To provide attributes of the credit report

TRANSACTION SETS USED IN

200 833

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1250	Date Time Period Format Qualifier	1	M/Z	ID	2/3
02	1251	Date Time Period	1	M/Z	AN	1/35
03	235	Product/Service ID Qualifier	1	M/Z	ID	2/2
04	234	Product/Service ID	1	M/Z	AN	1/80
05	306	Action Code	1	M/Z	ID	1/2
06	612	Credit Report Merge Type Code	1	O	ID	1/1

Semantic Notes

01 CRO01 defines the date and time format in CRO02.
02 CRO02 defines the credit product order date.
03 CRO03 defines CRO04 as a credit product type.
04 CRO04 defines the type of credit product ordered.
05 CRO05 defines the action for this order.

CRS - Course Record

To provide the receiving institution or organization with information about courses taken and the status of those courses

TRANSACTION SETS USED IN
130 132 189

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1147	Basis for Academic Credit or Award of Credential Code	1	M	ID	1/1
02	1141	Academic Credit Type Code	1	O	ID	1/1
03	380	Quantity	1	O/Z	R	1/15
04	380	Quantity	1	O	R	1/15
05	1148	Academic Grade Qualifier	1	X	ID	1/3
06	1258	Academic Grade	1	O	AN	1/3
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	1142	Academic Grade or Course Level Code	1	O	ID	1/2
09	1150	Course Repeat or No Count Indicator Code	1	O	ID	1/1
10	66	Identification Code Qualifier	1	X/Z	ID	1/2
11	67	Identification Code	1	X	AN	2/80
12	380	Quantity	1	O/Z	R	1/15
13	1131	Level of Individual, Test, or Course Code	1	O	ID	2/2
14	93	Name	1	O/Z	AN	1/60
15	127	Reference Identification	1	O	AN	1/80
16	93	Name	1	O/Z	AN	1/60
17	380	Quantity	1	O/Z	R	1/15
18	380	Quantity	1	O	R	1/15
19	373	Date	1	O/Z	DT	8/8
20	1152	Override Academic Course Source Code	1	O/Z	ID	2/2

Syntax Notes

06	C0605
10	P1011

Semantic Notes

03	CRS03 is either the value of the course or the credits attempted, while CRS04 is the credits earned by the student for the course.
07	CRS07 indicates if the course is a special honors course. A "Y" indicates that the course is designated as an honors course; an "N" indicates it is not an honors course.
10	CRS10 and CRS11 are the content area of the course.
12	CRS12 is the number of academic quality (or grade) points earned by the student for participation in a course.
14	CRS14 and CRS15 refer to the course alpha prefix and number, respectively. These are the course numbers.

16 CRS16 is the course title.

17 CRS17 and CRS18 are the student's days attended and days absent in the course, respectively.

19 CRS19 is the date the student dropped the course.

20 CRS20 indicated if the course was taken as a transfer course at another institution or under the auspices of another institution covered by reciprocal agreement between the participating institutions.

CRT - Contractor Report Type

To identify the contractor report type, type of units reported, status information, and related reporting details

TRANSACTION SETS USED IN
196 501 892

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	755	Report Type Code	1	M	ID	2/2
02	C001	Composite Unit of Measure	1	O/Z		
03	C001	Composite Unit of Measure	1	O/Z		
04	1196	Breakdown Structure Detail Code	1	O	ID	2/2
05	306	Action Code	1	O	ID	1/2
06	562	Rate or Value Type Code	1	O/Z	ID	1/2
07	1308	Contract Action Code	1	O	ID	2/2
08	1193	Program Type Code	1	O	ID	2/2
09	369	Free-form Description	1	O/Z	AN	1/45
10	786	Security Level Code	1	O	ID	2/2

Semantic Notes

02 CRT02 indicates the unit type used for monetary amounts (e.g., values are in thousands) for the entire report.

03 CRT03 indicates the unit type for quantities (e.g., quantities in thousands) for the entire report.

06 CRT06 indicates whether all report values are unit total values or unit average values.

09 CRT09 is used to describe other unlisted program types.

CS - Contract Summary

To provide information about a contract

TRANSACTION SETS USED IN

503 527 536 561 567 568 842 846 870 873 874 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	367	Contract Number	1	O	AN	1/30
02	327	Change Order Sequence Number	1	O	AN	1/8
03	328	Release Number	1	O	AN	1/30
04	128	Reference Identification Qualifier	1	X	ID	2/3
05	127	Reference Identification	1	X	AN	1/80
06	324	Purchase Order Number	1	O	AN	1/22
07	560	Special Services Code	1	O	ID	2/10
08	433	F.O.B. Point Code	1	O	ID	2/2
09	954	Percentage as Decimal	1	O/Z	R	1/10
10	954	Percentage as Decimal	1	O/Z	R	1/10
11	782	Monetary Amount	1	O/Z	R	1/18
12	336	Terms Type Code	1	O	ID	2/2
13	560	Special Services Code	1	O	ID	2/10
14	355	Unit or Basis for Measurement Code	1	O/Z	ID	2/2
15	212	Unit Price	1	O/Z	R	1/17
16	336	Terms Type Code	1	O	ID	2/2
17	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
18	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

04 P0405

Semantic Notes

09 CS09 is the permissible overage as a percentage of the total contract line item number (CLIN) quantity.

10 CS10 is the permissible shortage as a percentage of the total contract line item number (CLIN) quantity.

11 CS11 is the permissible overage dollar value specified by the contract above which discrepancy action is taken.

14 CS14 is the Unit of Measure stipulated in the contract.

15 CS15 is the contract line item number (CLIN) unit price specified in the contract.

17 CS17 conveys the Critical Application Indicator. A "Y" indicates that a Critical Application Indicator is specified in the contract; an "N" indicates that no Critical Application Indicator is specified in the contract.

18 CS18 conveys the Special Requirements Indicator. A "Y" indicates that a Special Requirements Indicator (requiring special testing and or evaluation) is specified in the contract; an "N" indicates that no Special Requirements Indicator is specified in the contract.

Comments

04 CS04 may be used to identify the Contract Line Item Number (CLIN) or Extended (or Exhibit) Line Item Number (ELIN).

07 CS07 and CS13 can be used to indicate two different types of special services required.

CSB - Cryptographic Service Message Body

To provide a mechanism for carrying a field tag and its associated contents from an ANSI X9.17 cryptographic service message (CSM) in an X12 format

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

815

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	988	Cryptographic Service Message (CSM) Field Tag Code	1	M	ID	2/4
02	989	Cryptographic Service Message (CSM) Field Contents	1	O	AN	1/32

Comments

00	X12.42 provides strict rules for converting from the ANSI X9.17 CSM to and from the X12.42 CSM and CSB segments. The process is a one-to-one mapping in each direction.

CSC - Cryptographic Service Message Certificates and Keys

To provide a mechanism for exchanging certificates of authority, public keys and associated information in an X12 format

TRANSACTION SETS USED IN
815

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1642	Cryptographic Management Purpose Code	1	M	ID	3/3
02	824	Security Originator Name	1	O	AN	1/64
03	825	Security Recipient Name	1	O	AN	1/64
04	C050	Certificate Lookup Information	1	O		
05	C040	Reference Identifier	1	O		
06	1570	Filter ID Code	1	X/Z	ID	3/3
07	799	Version Identifier	1	X	AN	1/30
08	995	Length of Data	1	X	N	1/18
09	C033	Security Token Value	1	X		

Syntax Notes

06 P06070809

Semantic Notes

06 CSC06, CSC07 and CSC08 provide additional information about the encoded security value field in CSC09 (C03302).

Comments

02 X9 has a required minimum length of 4 characters for CSC02 (security originator). No mechanism, or registration method, is provided by X9 or X12 to guarantee uniqueness of the identifier.

03 X9 has a required minimum length of 4 characters for CSC03 (security recipient). No mechanism, or registration method, is provided by X9 or X12 to guarantee uniqueness of the identifier.

CSD - Consolidated Shipment Invoice Data

To specify the data relative to carrier invoices on consolidated shipments

TRANSACTION SETS USED IN
223

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	152	Special Handling Code	1	M	ID	2/3
02	128	Reference Identification Qualifier	1	M	ID	2/3
03	127	Reference Identification	1	M	AN	1/80
04	146	Shipment Method of Payment Code	1	M	ID	2/2
05	373	Date	1	X/Z	DT	8/8
06	373	Date	1	X/Z	DT	8/8
07	58	Amount Charged	1	M/Z	N2	1/15
08	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
09	127	Reference Identification	1	O/Z	AN	1/80
10	337	Time	1	X/Z	TM	4/8
11	623	Time Code	1	X	ID	2/2
12	337	Time	1	X/Z	TM	4/8
13	623	Time Code	1	X	ID	2/2

Syntax Notes

10	C1005
10	P1011
12	C1206
12	P1213

Semantic Notes

05	If CSD01 is code "SI", then CSD05 is the date the carrier picked up the shipment from the shipper.
05	If CSD01 is code "HAN", then CSD05 is the date the shipment delivered to the consolidator.
05	If CSD01 is code "LHS", then CSD05 is the date the carrier picked up the shipment from the consolidator.
06	If CSD01 is code "SI", then CSD06 is the date the carrier delivered the shipment to the consolidator.
06	If CSD01 is code "HAN", then CSD06 is the date the carrier picked up the shipment from the consolidator.
06	If CSD01 is code "LHS", then CSD06 is the date the carrier delivered the shipment to the consignee.
07	CSD07 are the total charges related to the reference number in CSD03.
08	CSD08 is the Standard Carrier Alpha Code (SCAC) of the carrier providing the service referenced in CSD01.
09	CSD09 is a unique control number assigned and controlled by the original shipper to identify a specific shipment.
10	CSD10 is the time for the date identified in CSD05.

12 CSD12 is the time for the date identified in CSD06.

Comments

01 The only valid codes for data element 152 in segment CSD are "SI", "HAN", and "LHS".

CSE - Educational Course Information

To provide information on an educational course

TRANSACTION SETS USED IN
188

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	93	Name	1	X	AN	1/60
02	127	Reference Identification	1	X/Z	AN	1/80
03	1141	Academic Credit Type Code	1	O	ID	1/1
04	380	Quantity	1	O/Z	R	1/15
05	380	Quantity	1	O/Z	R	1/15
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	1142	Academic Grade or Course Level Code	1	O	ID	1/2
08	66	Identification Code Qualifier	1	X	ID	1/2
09	67	Identification Code	1	X	AN	2/80
10	790	Entity Title	1	O/Z	AN	1/132
11	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
12	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

01 R0102
08 P0809

Semantic Notes

02 CSE02 identifies the course at the institution offering the course from among similar subject area offerings.

04 CSE04 indicates the minimum measure of credit associated with the course as determined by the institution offering the course.

05 CSE05 indicates the maximum measure of credit associated with the course as determined by the institution offering the course.

06 CSE06 indicates if the course is always an honors course. A "Y" indicates that the course is always an honors course; an "N" indicates that it is not always an honors course.

10 CSE10 is the course title.

11 CSE11 indicates if the course is still active. A "Y" indicates the course is still active; an "N" indicates that the course is not still active.

12 CSE12 indicates if the course may be repeated for additional credit. A "Y" indicates the course may be repeated for additional credit; an "N" indicates the course may not be repeated for additional credit.

CSF - Conditional Sampling Frequency

To represent sampling frequency changes or values that are conditional on measurements made on previous samples, related manufacturing stages, or the environment

TRANSACTION SETS USED IN
841

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C001	Composite Unit of Measure	1	M		
02	1167	Sample Selection Modulus	1	X	R	1/6
03	942	Sample Frequency Value per Unit of Measurement Code	1	X	N0	1/9

Syntax Notes

02 E0203

Comments

01 CSF01 specifies the unit of measure for the values given in CSF02 or CSF03.

CSH - Sales Requirements

To specify general conditions or requirements of the sale

TRANSACTION SETS USED IN

830 840 843 850 855 860 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	563	Sales Requirement Code	1	O	ID	1/2
02	306	Action Code	1	O	ID	1/2
03	610	Amount	1	X/Z	N2	1/15
04	508	Account Number	1	O/Z	AN	1/35
05	373	Date	1	O/Z	DT	8/8
06	559	Agency Qualifier Code	1	X/Z	ID	2/2
07	560	Special Services Code	1	X	ID	2/10
08	566	Product/Service Substitution Code	1	O	ID	1/2
09	954	Percentage as Decimal	1	X	R	1/10
10	1004	Percent Qualifier	1	X	ID	1/2

Syntax Notes

02	C0203
06	P0607
09	P0910

Semantic Notes

03	CSH03 is the maximum monetary amount value which the order must not exceed.
04	CSH04 is the account number to which the purchase amount is charged.
05	CSH05 is the date specified by the sender to be shown on the invoice.
06	CSH06 identifies the source of the code value in CSH07.

CSI - Claim Status Information

To indicate the status of a claim for mortgage insurance benefits

TRANSACTION SETS USED IN

260

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1383	Claim Submission Reason Code	1	M/Z	ID	2/2
02	374	Date/Time Qualifier	1	M/Z	ID	3/3
03	1250	Date Time Period Format Qualifier	1	M	ID	2/3
04	1251	Date Time Period	1	M	AN	1/35

Semantic Notes

01 CSI01 contains the code indicating the status of the claim for mortgage insurance benefits.

02 CSI02, CSI03, and CSI04 indicate the submission date associated with the claim status indicated in CSI01.

CSM - Cryptographic Service Message Header

To indicate the beginning of a Cryptographic Service Message (CSM) Transaction Set and to provide both the class or type of the CSM and the cryptographic end parties to the transaction

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN
815

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	987	Cryptographic Service Message (CSM) Message Class Code	1	M	ID	3/4
02	824	Security Originator Name	1	O	AN	1/64
03	825	Security Recipient Name	1	O	AN	1/64

Semantic Notes

00 The three data elements in this segment contain data extracted from the ANSI X9.17 CSM. The correspondence is as follows. CSM01 is the MCL (message class) of the X9.17 CSM. CSM02 is the ORG (originator) of the X9.17 CSM. CSM03 is the RCV (recipient) of the X9.17 CSM.

Comments

00 These data elements are separated to allow for the recording (logging) of CSMs sent or received and to allow routing to the appropriate security device. The use of these ANSI X9.17 field tags and associated data here is not repeated in the use of the same tags and data in the CSB segments of the detail area of the transaction.

00 X12.42 provides strict rules for converting from the ANSI X9.17 CSM to and from the X12.42 CSM and CSB segments. The process is a one-to-one mapping in each direction.

CSS - Conditional Sampling Sequence

To specify a special sample-selection procedure to be followed at the start-up of a process, or following a process upset, such as a brief line power loss or product grade change

TRANSACTION SETS USED IN

841

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1020	Sampling Sequence Qualifier	1	M	ID	2/2
02	C001	Composite Unit of Measure	1	M		
03	1021	Sampling Sequence Value	1	M	N0	1/3
04	1021	Sampling Sequence Value	1	O	N0	1/3
05	1021	Sampling Sequence Value	1	O	N0	1/3
06	1021	Sampling Sequence Value	1	O	N0	1/3
07	1021	Sampling Sequence Value	1	O	N0	1/3

Comments

02	CSS02 specifies the unit of measure for the values given in CSS03 through CSS07.
03	CSS03 through CSS07 specify values that are to be used in sequence; CSS03 would be the first value, CSS04 the second, and so forth, until the values provided are exhausted.

CST - Cost Analysis

To provide detailed cost information

TRANSACTION SETS USED IN

843

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	964	Cost Code	1	M	ID	3/3
02	782	Monetary Amount	1	M	R	1/18
03	C001	Composite Unit of Measure	1	X		
04	380	Quantity	1	X	R	1/15

Syntax Notes

03 P0304

CSU - Supplemental Course Data

To provide supplemental information on a course or a particular instance of a course

TRANSACTION SETS USED IN
130 132 188

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	93	Name	1	O/Z	AN	1/60
02	127	Reference Identification	1	O	AN	1/80
03	1250	Date Time Period Format Qualifier	1	X/Z	ID	2/3
04	1251	Date Time Period	1	X	AN	1/35
05	1250	Date Time Period Format Qualifier	1	X/Z	ID	2/3
06	1251	Date Time Period	1	X	AN	1/35
07	1132	Instructional Setting Code	1	O	ID	1/2
08	1141	Academic Credit Type Code	1	O	ID	1/1
09	380	Quantity	1	X	R	1/15
10	C001	Composite Unit of Measure	1	X		

Syntax Notes

03	P0304
05	P0506
09	P0910

Semantic Notes

01	CSU01 and CSU02 are the alpha prefix and the course number, respectively. Together, CSU01 and CSU02 are commonly referred to as the "course number".
03	CSU03 and CSU04 refer to the date the course began.
05	CSU05 and CSU06 refer to the date the course ended.

CT - Car Type

Used to limit the application of restrictions to a subset of standard Association of American Railroads Car Type Codes

TRANSACTION SETS USED IN
453

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	301	Car Type Code	1	M	ID	1/4
03	301	Car Type Code	1	O/Z	ID	1/4

Semantic Notes

01 CT01 indicates if restriction is included. A "Y" indicates restriction is included; an "N" indicates restriction is excluded.

03 CT03 indicates the high end of a range.

CTB - Restrictions/Conditions

To specify restrictions/conditions (such as shipping, ordering)

TRANSACTION SETS USED IN

832 836 840 843 845 850 855 860 865 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	688	Restrictions/Conditions Qualifier	1	M	ID	2/2
02	352	Description	1	X	AN	1/80
03	673	Quantity Qualifier	1	X	ID	2/2
04	380	Quantity	1	X	R	1/15
05	522	Amount Qualifier Code	1	X	ID	1/3
06	610	Amount	1	X	N2	1/15
07	C001	Composite Unit of Measure	1	O		

Syntax Notes

02	R020406
03	P0304
05	P0506
07	C0704

CTC - Car Hire Transaction Control

To transmit identifying parties and document types

TRANSACTION SETS USED IN
414

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	140	Standard Carrier Alpha Code	1	M	ID	2/4
03	1002	Car Hire Detail/Summary Code	1	M	ID	1/1
04	1003	Account Type Code	1	M	ID	2/2
05	353	Transaction Set Purpose Code	1	M	ID	2/2
06	1095	Year	1	M	N0	4/4
07	1108	Month of the Year Code	1	M	ID	2/2
08	1095	Year	1	X	N0	4/4
09	1108	Month of the Year Code	1	X	ID	2/2
10	1006	Account Description Code	1	O	ID	1/2

Syntax Notes

08 P0809

Comments

01 CTC01 contains the equipment user code.
02 CTC02 contains the equipment owner code.
06 CTC06 and CTC07 contain the allowed date.
08 CTC08 and CTC09 contain the earned date.

CTH - Beginning Segment for Contract Transaction Set

To indicate the beginning of the Contract and Rebate Management Transaction Set and transmit identifying contract information

TRANSACTION SETS USED IN
890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	367	Contract Number	1	M	AN	1/30
03	1308	Contract Action Code	1	M	ID	2/2
04	128	Reference Identification Qualifier	1	X	ID	2/3
05	127	Reference Identification	1	X	AN	1/80
06	373	Date	1	O/Z	DT	8/8
07	337	Time	1	O/Z	TM	4/8
08	1771	Contract Level Code	1	O	ID	2/2
09	1762	Contract Date Basis Code	1	X	ID	1/2
10	98	Entity Identifier Code	1	X	ID	2/3
11	352	Description	1	O/Z	AN	1/80

Syntax Notes

04	P0405
09	P0910

Semantic Notes

06	CTH06 is the date the transaction set was created in the business application system.
07	CTH07 is the time the transaction was created within the business application system.
11	CTH11 allows for additional description about this contract.

CTI - Cannabinoid Type Information

To specify cannabinoid type and amount

TRANSACTION SETS USED IN

832

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1864	Cannabinoid Type	1	X	ID	3/3
02	C079	Composite Multiple Language Extended Text Information	1	X/Z		
03	C081	Composite Multi-UOM Range Minimum and Maximum	5	O/Z		

Syntax Notes

01 R0102

Semantic Notes

02 Specify other cannabinoid type

03 Specify the minimum and maximum range amounts of cannabinoid in the product and per unit or unit of use.

Comments

00 Use multiple occurrences of this segment as needed to describe cannabinoid types and amounts in a product.

CTP - Pricing Information

To specify pricing information

TRANSACTION SETS USED IN

124 206 271 304 536 810 821 822 830 832 836 837 840 843 845 846 847 850 851 852 855 857 860 865 878 886 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	687	Class of Trade Code	1	O	ID	2/2
02	236	Price Identifier Code	1	X	ID	3/3
03	212	Unit Price	1	X	R	1/17
04	380	Quantity	1	X	R	1/15
05	C001	Composite Unit of Measure	1	X		
06	648	Price Multiplier Qualifier	1	O	ID	3/3
07	649	Multiplier	1	X/Z	R	1/10
08	782	Monetary Amount	1	O/Z	R	1/18
09	639	Basis of Unit Price Code	1	O	ID	2/2
10	499	Condition Value	1	O	AN	1/10
11	289	Multiple Price Quantity	1	O	N0	1/2
12	C077	Composite Currency	1	O		

Syntax Notes

03	E0312
04	P0405
06	C0607
09	C0902
10	C1002
11	C1103
12	C1202

Semantic Notes

07	CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
08	CTP08 is the rebate amount.

Comments

03	See Figures Appendix for an example detailing the use of CTP03 and CTP04.
03	See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

CTT - Transaction Totals

To transmit a hash total for a specific element in the transaction set

TRANSACTION SETS USED IN

202 205 500 561 568 810 811 819 828 830 832 840 843 844 845 846 847 849 850 851 852 853 855 856 860 861 862 865 866 867 869 870 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	354	Number of Line Items	1	M	N0	1/6
02	347	Hash Total	1	O	R	1/10
03	81	Weight	1	X	R	1/10
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	183	Volume	1	X	R	1/8
06	355	Unit or Basis for Measurement Code	1	X	ID	2/2
07	352	Description	1	O	AN	1/80

Syntax Notes

03	P0304
05	P0506

Comments

00	This segment is intended to provide hash totals to validate transaction completeness and correctness.

CTX - Context

Describes an event context in terms of the application or implementation contexts in force at the time the event occurred and the position in the EDI stream at which that context was activated

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

824 999

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C998	Context Identification	10	M		
02	721	Segment ID Code	1	O	ID	2/3
03	719	Segment Position in Transaction Set	1	O	N0	1/10
04	447	Loop Identifier Code	1	O	AN	1/6
05	C030	Position in Segment	1	O		
06	C999	Reference in Segment	1	O		
07	1837	Copy of Data Element	1	O	AN	1/4096

CUR - Currency

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

TRANSACTION SETS USED IN

103 105 106 107 140 141 142 143 148 159 186 187 219 251 255 256 262 273 286 304 362 412 414 424 426 433 521 805 810 811 812 814 818 819 820 821 822 823 827 830 832 835 837 838 840 843 844 845 846 847 849 850 851 852 855 856 857 860 861 865 867 870 890 920

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	98	Entity Identifier Code	1	M	ID	2/3
02	100	Currency Code	1	M	ID	3/3
03	280	Exchange Rate	1	O	R	4/10
04	98	Entity Identifier Code	1	O	ID	2/3
05	100	Currency Code	1	O	ID	3/3
06	669	Currency Market/Exchange Code	1	O	ID	3/3
07	374	Date/Time Qualifier	1	X	ID	3/3
08	373	Date	1	O	DT	8/8
09	337	Time	1	O	TM	4/8
10	374	Date/Time Qualifier	1	X	ID	3/3
11	373	Date	1	X	DT	8/8
12	337	Time	1	X	TM	4/8
13	374	Date/Time Qualifier	1	X	ID	3/3
14	373	Date	1	X	DT	8/8
15	337	Time	1	X	TM	4/8
16	374	Date/Time Qualifier	1	X	ID	3/3
17	373	Date	1	X	DT	8/8
18	337	Time	1	X	TM	4/8
19	374	Date/Time Qualifier	1	X	ID	3/3
20	373	Date	1	X	DT	8/8
21	337	Time	1	X	TM	4/8

Syntax Notes

08	C0807
09	C0907
10	L101112
11	C1110
12	C1210
13	L131415
14	C1413
15	C1513
16	L161718
17	C1716
18	C1816

19	L192021
20	C2019
21	C2119

Comments

00	See X12 EDI Standard Figures, https://figures.x12.org, for examples detailing the use of the CUR segment.

CV - Cycle/Summary Value

To identify the car hire value detail associated with a settlement

TRANSACTION SETS USED IN
414

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	322	Load/Empty Status Code	1	M	ID	1/1
02	482	Payment Action Code	1	O	ID	2/2
03	1014	Car Type Group Code	1	O	ID	1/1
04	519	Time Period Unit Qualifier	1	X	ID	1/1
05	380	Quantity	1	O/Z	R	1/15
06	1015	Mileage Settlement Code	1	O	ID	1/1
07	380	Quantity	1	O/Z	R	1/15
08	380	Quantity	1	O/Z	R	1/15
09	782	Monetary Amount	1	O/Z	R	1/18
10	782	Monetary Amount	1	O/Z	R	1/18
11	782	Monetary Amount	1	O/Z	R	1/18
12	782	Monetary Amount	1	O/Z	R	1/18
13	782	Monetary Amount	1	O/Z	R	1/18
14	1016	Penalty Code	1	O	ID	1/1

Syntax Notes

05	C0504

Semantic Notes

05	CV05 is the time units qualified by CV04.
07	CV07 is the loaded mile units.
08	CV08 is the empty mile units.
09	CV09 is the total value.
10	CV10 is the time value.
11	CV11 is the mile value.
12	CV12 is the appurtenance value.
13	CV13 is the penalty value.

CYC - Car Hire Cycle

To identify the car hire beginning and ending cycle location and associated information

TRANSACTION SETS USED IN

414

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1095	Year	1	M	N0	4/4
02	1108	Month of the Year Code	1	M	ID	2/2
03	1010	Cycle Month Hours	1	M	N0	1/3
04	154	Standard Point Location Code	1	M	ID	6/9
05	140	Standard Carrier Alpha Code	1	M	ID	2/4
06	1011	Association of American Railroads (AAR) Pool Code	1	O	ID	7/7

D9 - Destination Station

To identify the rail destination of the shipment

TRANSACTION SETS USED IN

404 410 417 421 422 423 424 425 426 455 456 470 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	573	Freight Station Accounting Code	1	O	ID	1/5
02	19	City Name	1	M/Z	AN	2/30
03	156	State or Province Code	1	M	ID	2/2
04	26	Country Code	1	O/Z	ID	2/3
05	573	Freight Station Accounting Code	1	O/Z	ID	1/5
06	19	City Name	1	X	AN	2/30
07	156	State or Province Code	1	X	ID	2/2
08	154	Standard Point Location Code	1	O/Z	ID	6/9
09	116	Postal Code	1	O/Z	ID	3/15
10	154	Standard Point Location Code	1	O/Z	ID	6/9
11	116	Postal Code	1	O/Z	ID	3/15
12	26	Country Code	1	O/Z	ID	2/3

Syntax Notes

06 P0607

Semantic Notes

02 D902 is the destination station of movement.
04 D904 is the country code for the city named in the D902.
05 D905 is the freight station accounting code of the destination junction settlement carrier.
08 D908 is the Standard Point Location Code (SPLC) for the city named in the D902.
09 D909 is the postal code for the city names in the D902.
10 D910 is the Standard Point Location Code (SPLC) for the city named in the D906.
11 D911 is the postal code for the city named in the D906.
12 D912 is the country code for the city named in the D906.

Comments

05 D905 is the freight station accounting code of the city name in D906.

DAD - Debit Authorization Detail

To provide detail information about the debit authorization

TRANSACTION SETS USED IN
154 828

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	306	Action Code	1	M	ID	1/2
02	305	Transaction Handling Code	1	M	ID	1/2
03	373	Date	1	M/Z	DT	8/8
04	373	Date	1	O/Z	DT	8/8
05	509	Originating Company Identifier	1	O	AN	10/10
06	510	Originating Company Supplemental Code	1	O	AN	9/9
07	522	Amount Qualifier Code	1	X	ID	1/3
08	782	Monetary Amount	1	X	R	1/18
09	127	Reference Identification	1	X/Z	AN	1/80
10	127	Reference Identification	1	O	AN	1/80
11	506	(DFI) ID Number Qualifier	1	X	ID	2/2
12	507	(DFI) Identification Number	1	X	AN	3/12
13	508	Account Number	1	O	AN	1/35
14	1470	Number	1	O/Z	N0	1/9
15	594	Frequency Code	1	O	ID	1/1

Syntax Notes

07 P0708
10 C1009
11 P1112

Semantic Notes

03 DAD03 identifies the date on or after which a debit can be posted to the account identified in the BAU segment.
04 DAD04 identifies the last date that the debit can be applied, if used.
09 If DAD09 and DAD10 are present, they represent the beginning and end of a range of numbers. If only DAD09 is used, it represents a single reference (i.e., not the beginning of a range). DAD09 and DAD10, if used must contain values that are known to the originator of the debit authorization. For check issuance, DAD09 and DAD10 contain the range of check numbers. In the case of ACH debits, the value shall coincide with the content of the Individual ID of the NACHA Detail (Type 6) record.
14 DAD14 is the count of days.

Comments

00 Every DAD shall be unique.
01 When DAD01 contains a "3" (for deletion), this DAD must have the same information as the DAD being deleted.
04 DAD04 must contain a value that is later than or equal to the value of DAD03, if used.

05 This element is only applicable in an ACH environment. If used, DAD05 shall contain a value that is known to the originator of the debit authorization and will be carried in the ACH debit transaction. This value should coincide with the content of the company ID of the NACHA Batch Header (Type 5) record.

11 DAD11 through DAD13 provide information regarding the party initiating the debit, if used. (This is unlike the BAU03 through BAU05 which applies to the party affected by the debit.)

14 DAD14 should be used only if this is a recurring debit (DAD07 equals "R").

15 DAD15 should be used only if this is a recurring debit (DAD07 equals "R").

DAI - Appendix Information

To provide appendix information for the electronic form of the X12 standards

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

868

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	487	Maintenance Operation Code	1	M	ID	1/1
02	916	Code List Reference	1	M	AN	1/6
03	490	Note Identification Number	1	O	N0	1/6

Comments

03 DAI03 is the note ID number of the E40 segment that contains the appendix information.

DAM - Damage Information

To identify the part of the vehicle that was damaged

TRANSACTION SETS USED IN
124 272

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1422	Damage Status Code	1	X	ID	2/2
02	556	Damage Area Code	1	X	ID	2/2
03	610	Amount	1	O/Z	N2	1/15
04	100	Currency Code	1	O/Z	ID	3/3
05	1422	Damage Status Code	1	X	ID	2/2
06	556	Damage Area Code	1	X	ID	2/2
07	610	Amount	1	O/Z	N2	1/15
08	1422	Damage Status Code	1	X	ID	2/2
09	556	Damage Area Code	1	X	ID	2/2
10	610	Amount	1	O/Z	N2	1/15
11	1422	Damage Status Code	1	X	ID	2/2
12	556	Damage Area Code	1	X	ID	2/2
13	610	Amount	1	O/Z	N2	1/15
14	1422	Damage Status Code	1	X	ID	2/2
15	556	Damage Area Code	1	X	ID	2/2
16	610	Amount	1	O/Z	N2	1/15

Syntax Notes

01	R0102
07	L070506
10	L100809
13	L131112
16	L161415

Semantic Notes

03	DAM03 is the repair cost of the damaged area.
04	DAM04 is the currency that applies to the repair cost in DAM03, DAM07, DAM10, DAM13, and DAM16.
07	DAM07 is the repair cost of the damaged area.
10	DAM10 is the repair cost of the damaged area.
13	DAM13 is the repair cost of the damaged area.
16	DAM16 is the repair cost of the damaged area.

DAY - Dairy and Non-Dairy Alternative Information

To specify dairy and non-dairy alternative product types and characteristics

TRANSACTION SETS USED IN
832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1838	Dairy and non-Dairy Alternative Category	1	M	ID	3/3
02	1839	Dairy Source - Animal Type	1	X	ID	3/3
03	C079	Composite Multiple Language Extended Text Information	1	X/Z		
04	1840	Non-Dairy Plant-Based Type	1	X	ID	3/3
05	C079	Composite Multiple Language Extended Text Information	1	X/Z		
06	1841	Preservation Technique	1	O	ID	3/3
07	C079	Composite Multiple Language Extended Text Information	1	O/Z		
08	738	Measurement Qualifier	1	X	ID	1/3
09	739	Measurement Value	1	X	R	1/20
10	355	Unit or Basis for Measurement Code	1	X	ID	2/2

Syntax Notes

02	E0204
03	C0302
05	C0504
08	P080910

Semantic Notes

03	Specify other animal-based milk
05	Specify other plant-based milk
07	Specify the declaration of probiotic health claims and the composition of probiotic microorganisms

Comments

01	If DAY01 is a dairy category, then DAY02 is required
01	If DAY01 is a non-dairy category, then DAY04 is required
02	If DAY02 equals 'UUU' then DAY03 is the name of the animal milk source.
04	If DAY04 equals 'UUU' then DAY05 is the name of the plant-based milk source.

DB - Disbursement Information

To specify disbursement dates and amounts for a loan

TRANSACTION SETS USED IN
139 144 191

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1250	Date Time Period Format Qualifier	1	M	ID	2/3
02	1251	Date Time Period	1	M/Z	AN	1/35
03	782	Monetary Amount	1	M/Z	R	1/18
04	782	Monetary Amount	1	O/Z	R	1/18
05	782	Monetary Amount	1	O/Z	R	1/18
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

02 DB02 is the disbursement date.

03 DB03 is the net disbursement amount.

04 DB04 is the lender origination fee.

05 DB05 is the guarantor insurance premium.

06 DB06 indicates if the disbursement date corresponds with school term dates. A "Y" indicates that it does correspond; an "N" indicates that it does not.

DD - Demand Detail

To describe the type of demand and the intended use of material

TRANSACTION SETS USED IN

180 511 517 527 536 830 846 867 869

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1271	Industry Code	1	X	AN	1/30
02	1270	Code List Qualifier Code	1	O	ID	1/3
03	128	Reference Identification Qualifier	1	X	ID	2/3
04	127	Reference Identification	1	X	AN	1/80
05	1271	Industry Code	1	X	AN	1/30
06	1270	Code List Qualifier Code	1	O	ID	1/3
07	380	Quantity	1	O	R	1/15
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1271	Industry Code	1	X	AN	1/30
10	1270	Code List Qualifier Code	1	O	ID	1/3

Syntax Notes

02	C0201
03	P030405
06	C0605
10	C1009

Semantic Notes

08	DD08 transmits the stock level indicator. A "Y" indicates that the material is normally carried in stock; an "N" indicates that the material is not normally stocked.

DDI - Explanation

To provide description information related to the electronic form of the X12 standards

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

868

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	352	Description	1	M	AN	1/80

DED - Deductions

To specify payment related information for child support payment deductions

TRANSACTION SETS USED IN

820 823

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1511	Type of Deduction Code	1	M/Z	ID	2/2
02	127	Reference Identification	1	M/Z	AN	1/80
03	373	Date	1	M/Z	DT	8/8
04	610	Amount	1	M/Z	N2	1/15
05	127	Reference Identification	1	M/Z	AN	1/80
06	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
07	93	Name	1	O/Z	AN	1/60
08	127	Reference Identification	1	O/Z	AN	1/80
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

01 DED01 is the type of deduction.

02 DED02 is the code indicating the case identifier.

03 DED03 is the pay date.

04 DED04 is the payment amount.

05 DED05 is the social security number of the absent parent.

06 DED06 indicates if the obligor has family medical insurance coverage available through their employer. A "Y" indicates medical coverage is available. An "N" indicates there is no coverage. A "W" indicates that the disposition of medical insurance is not applicable to the deduction.

07 DED07 is the name of the absent parent. The absent parent's name contains the first seven letters of the obligor's last name followed by the first three letters of the obligor's first name. A comma must be used to separate the last name from the first name of the absent parent when the last name is less than seven characters.

08 DED08 contains the Federal Information Process Standard (FIPS) Code. The FIPS code is 5 characters when indicating both the state and county codes. It is seven characters when indicating state, county and local codes.

09 DED09 identifies to the child support enforcement agency that an individual's employment has terminated. A "Y" is used if the employee has been terminated otherwise the field is not used. DED04 may contain zero if this field is used.

DEF - Delayed Repayment

To provide information related to student loan delayed repayment

TRANSACTION SETS USED IN

135 191

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	998	Delayed Repayment Qualifier Code	1	M	ID	1/1
02	1264	Delayed Repayment Reason Code	1	M/Z	ID	1/2
03	1250	Date Time Period Format Qualifier	1	M/Z	ID	2/3
04	1251	Date Time Period	1	M	AN	1/35
05	1265	Interest Payment Code	1	O	ID	1/2
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

02 DEF02 is qualified by DEF01.

03 DEF03 is the deferment period date range.

06 DEF06 indicates whether a deferment has been requested. A "Y" indicates a request for immediate deferment; an "N" indicates that a deferment is not requested; a "W" indicates a deferment is not applicable.

DEG - Degree Record

To provide information about an educational institution's academic award

TRANSACTION SETS USED IN

130 132 133 138 189 190 194 274

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1126	Academic Degree Code	1	M	ID	3/3
02	1250	Date Time Period Format Qualifier	1	X/Z	ID	2/3
03	1251	Date Time Period	1	X	AN	1/35
04	352	Description	1	O	AN	1/80
05	641	Status Reason Code	1	O/Z	ID	3/3

Syntax Notes

02	P0203

Semantic Notes

02	DEG02 and DEG03 refer to the date the degree was awarded.
05	DEG05 indicates the type of honors received with the degree.

DEL - Delivery Logistics

To define delivery logistics

TRANSACTION SETS USED IN

121

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M	R	1/15
02	66	Identification Code Qualifier	1	M	ID	1/2
03	67	Identification Code	1	M	AN	2/80
04	76	Invoice Number	1	O	AN	1/22
05	1237	Move Type Code	1	O	ID	1/1

DEP - Deposit

To indicate the lockbox ID, date, time, deposit number, and bank account information

TRANSACTION SETS USED IN
823

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	373	Date	1	M	DT	8/8
03	337	Time	1	O	TM	4/8
04	127	Reference Identification	1	O/Z	AN	1/80
05	506	(DFI) ID Number Qualifier	1	M	ID	2/2
06	507	(DFI) Identification Number	1	M	AN	3/12
07	569	Account Number Qualifier	1	X/Z	ID	1/3
08	508	Account Number	1	X	AN	1/35

Syntax Notes

07 P0708

Semantic Notes

01 DEP01 is the lockbox number.
04 DEP04 is the deposit number.
07 DEP07 is a code indicating the type of bank account or other financial asset.

DET - Diet Information

To specify dietary information associated with a product.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1798	Diet Type Code	1	X	ID	2/2
02	352	Description	1	X/Z	AN	1/80
03	1321	Condition Indicator Code	1	O/Z	ID	2/3
04	1035	Name Last or Organization Name	1	X/Z	AN	1/80
05	127	Reference Identification	1	X/Z	AN	1/80
06	373	Date	1	O/Z	DT	8/8
07	373	Date	1	O/Z	DT	8/8

Syntax Notes

01	R0102
05	C0504

Semantic Notes

02	DET02 is the description of the diet type.
03	DET03 specifies the degree to which a product is organic. Valid codes are: ORG; ORH; ORI; ORP
04	DET04 identifies the organization defining the diet type value in DET01.
05	DET05 is the license or certificate number assigned to the authorized agency identified in DET04.
06	DET06 is the effective date of the diet type certificate.
07	DET07 is the expiration date of the diet type certificate.

DEX - Delivery Execution Information

To provide loan delivery and contract information

TRANSACTION SETS USED IN

202

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	139	Sales Terms Code	1	O	ID	2/2
02	1408	Remittance Type Code	1	O	ID	2/2
03	1407	Investor Ownership Type Code	1	O	ID	1/2
04	1470	Number	1	O/Z	N0	1/9
05	1270	Code List Qualifier Code	1	X	ID	1/3
06	1271	Industry Code	1	X	AN	1/30

Syntax Notes

05 P0506

Semantic Notes

04 DEX04 is the investor's remittance day of the month.

DFI - Default Information

To specify mortgage loan default information

TRANSACTION SETS USED IN
206 259 260 264

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	641	Status Reason Code	1	O/Z	ID	3/3
02	1032	Claim Filing Indicator Code	1	O/Z	ID	1/2
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

01 DFI01 indicates code specifying the reason for default status.

02 DFI02 indicates code specifying type of claim.

03 DFI03 indicates if default resulted in a direct conveyance. A "Y" indicates that it resulted in a direct conveyance; an "N" indicates that it did not.

04 DFI04 indicates if this is the first payment in default. A "Y" indicates this is the first payment in default; an "N" indicates it is not.

DH - Dealer Hours

To provide a carrier with information about the business hours during which deliveries will be received by the dealer

TRANSACTION SETS USED IN

128

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	678	Ship/Delivery or Calendar Pattern Code	1	M	ID	1/2
02	337	Time	1	M/Z	TM	4/8
03	337	Time	1	M/Z	TM	4/8

Semantic Notes

02 DH02 is the start of the dealer's business hours.

03 DH03 is the end of dealer's business hours.

DIS - Discount Detail

To specify the exact type and terms of various discount information

TRANSACTION SETS USED IN

840 843 850 855 860 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	653	Discount Terms Type Code	1	M	ID	3/3
02	654	Discount Base Qualifier	1	M	ID	2/2
03	655	Discount Base Value	1	M	R	1/10
04	656	Discount Control Limit Qualifier	1	M	ID	2/3
05	657	Discount Control Limit	1	M/Z	N0	1/10
06	657	Discount Control Limit	1	O/Z	N0	1/10

Semantic Notes

05 DIS05 is the minimum for application of the discount.

06 DIS06 is the maximum for application of the discount.

DK - Docket Header

To assign an identification to a docket

TRANSACTION SETS USED IN
460 463 466 468 485 490 492 494

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	697	Docket Control Number	1	M	AN	1/7
03	690	Docket Identification	1	M	AN	1/11
04	691	Revision Number	1	M	N0	1/4
05	692	Conveyance Code	1	O	ID	1/1
06	693	Docket Type Code	1	O	ID	1/1
07	373	Date	1	O/Z	DT	8/8
08	373	Date	1	O/Z	DT	8/8
09	346	Application Type Code	1	O	ID	2/2
10	260	Group Title	1	O	AN	2/30

Semantic Notes

01 DK01 is the proposing carrier Standard Carrier Alpha Code (SCAC).
07 DK07 is the date the docket becomes effective.
08 DK08 is the date the docket expires.

DL - Auto Claim Detail - Labor

To describe the labor involved in the repair of vehicle damage and to specify actions taken related to the labor

TRANSACTION SETS USED IN

124

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	306	Action Code	1	M	ID	1/2
02	542	Labor Hours	1	O/Z	N1	1/4
03	542	Labor Hours	1	O/Z	N1	1/4
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
05	610	Amount	1	O/Z	N2	1/15
06	1470	Number	1	O/Z	N0	1/9
07	1470	Number	1	O/Z	N0	1/9
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
11	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

02 DL02 is the actual labor hours.

03 DL03 is the estimating database hours.

04 DL04 is the labor included indicator. A value of "Y" indicates that the labor is included elsewhere. A value of "N" indicates that the labor is not included elsewhere. A value of "U" indicating "unknown" cannot be used.

05 DL05 is the dollar amount of the labor.

06 DL06 is the number of paint stages.

07 DL07 is the number of paint tones.

08 DL08 is the hours judgment indicator. A value of "Y" indicates that labor hours judgment has been used. A value of "N" indicates that no labor hours judgment has been used. A value of "U" indicating "unknown" cannot be used.

09 DL09 is the labor operation judgment indicator. A value of "Y" indicates that labor operation judgment has been used. A value of "N" indicates that no labor operation judgment has been used. A value of "U" indicating "unknown" cannot be used.

10 DL10 is the labor type judgment indicator. A value of "Y" indicates that labor type judgment has been used. A value of "N" indicates that no labor type judgment has been used. A value of "U" indicating "unknown" cannot be used.

11 DL11 is the taxable indicator. A value of "Y" indicates that this labor is taxable. A value of "N" indicates that this labor is not taxable. A value of "U" indicating "unknown" cannot be used.

DLP - Delivery Parameter

To specify the parameters related to determining delivery on-time performance.

TRANSACTION SETS USED IN

892

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1777	Delivery Time Measurement Type Code	1	M	ID	2/2
02	1778	Appointment Time Basis Code	1	M	ID	2/2
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	380	Quantity	1	X	R	1/15

Syntax Notes

03 P0304

DLV - Deliverable Information

To identify the product to be delivered or the service to be performed

TRANSACTION SETS USED IN
839

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M/Z	R	1/15
02	235	Product/Service ID Qualifier	1	X	ID	2/2
03	234	Product/Service ID	1	X	AN	1/80
04	1193	Program Type Code	1	O	ID	2/2
05	352	Description	1	O	AN	1/80

Syntax Notes

02 P0203

Semantic Notes

01 DLV01 is quantity ordered.

DM - Demurrage/Detention/ Storage Rate

To specify the demurrage, detention, or storage rate in a docket

TRANSACTION SETS USED IN
492

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	262	Geography Qualifier Code	1	M	ID	1/1
02	122	Rate/Value Qualifier	1	M	ID	2/2
03	176	Time Qualifier	1	X	ID	1/2
04	337	Time	1	X	TM	4/8
05	616	Number of Periods	1	M	N0	1/3
06	615	Time Period Qualifier	1	M	ID	1/2
07	616	Number of Periods	1	M	N0	1/3
08	118	Rate	1	M	R	1/9
09	177	Intermodal Service Code	1	X	ID	1/2
10	257	Tariff Application Code	1	X	ID	1/1
11	11	Billing Code	1	O	ID	1/1
12	615	Time Period Qualifier	1	O	ID	1/2
13	616	Number of Periods	1	O	N0	1/3
14	616	Number of Periods	1	O	N0	1/3
15	118	Rate	1	O	R	1/9
16	616	Number of Periods	1	O	N0	1/3
17	118	Rate	1	O	R	1/9
18	616	Number of Periods	1	O	N0	1/3
19	118	Rate	1	O	R	1/9
20	616	Number of Periods	1	O	N0	1/3
21	118	Rate	1	O	R	1/9

Syntax Notes

03	P0304
09	P0910

Comments

06	DM06 is used for period computation exclusion. (Used to describe free time.)
09	DM09 contains a valid plan number when the code in DM11 is "F".
10	In DM10, use codes "N" and "S" when the code in DM01 is "D".
11	In DM11, there is no distinction between codes "B" and "C" for the purpose of this transaction set. They both indicate a demurrage rate.
12	DM12 is used for additional time period exclusion.

DMA - Additional Demographic Information

To supply additional demographic identification

TRANSACTION SETS USED IN

135 186 187 191 252 255 267 273 284 285 309 358 359 418

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	O/Z	AN	1/80
02	156	State or Province Code	1	O/Z	ID	2/2
03	127	Reference Identification	1	X/Z	AN	1/80
04	156	State or Province Code	1	X/Z	ID	2/2
05	1268	Applicant Type Code	1	O	ID	1/1
06	83	Code For Licensing, Certification, Registration, or Accreditation Agency	1	X	ID	1/2
07	26	Country Code	1	X	ID	2/3
08	819	Language Code	1	O	ID	2/3
09	546	Status Code	1	O/Z	ID	2/2
10	19	City Name	1	O/Z	AN	2/30
11	397	Color	1	O/Z	AN	1/10
12	397	Color	1	O/Z	AN	1/10
13	90	Measurement Unit Qualifier	1	X	ID	1/1
14	65	Height	1	X/Z	R	1/8
15	188	Weight Unit Code	1	X	ID	1/1
16	81	Weight	1	X/Z	R	1/10
17	352	Description	1	O/Z	AN	1/80
18	26	Country Code	1	O/Z	ID	2/3

Syntax Notes

03	P0304
06	P0607
08	C0807
09	C0903
13	P1314
15	P1516

Semantic Notes

01	DMA01 defines an alien registration number.
02	DMA02 defines the place of birth.
03	DMA03 defines the driver's license number.
04	DMA04 defines the driver's license state of issue.
09	DMA09 describes the status of the driver's license referenced in DMA03.
10	DMA10 is the City of birth.
11	DMA11 is eye color.
12	DMA12 is hair color.

14 DMA14 is body height.
16 DMA16 is body weight.
17 DMA17 is used to describe marks on body.
18 DMA18 is the country of birth.

DMG - Demographic Information

To supply demographic information

TRANSACTION SETS USED IN

111 130 132 135 138 144 146 148 155 175 186 187 189 190 191 194 200 201 202 248 252 255 256 265 267 268 270 271 273 274 275 276 277 278 284 285 309 355 358 359 418 500 810 811 820 833 834 837 838 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1250	Date Time Period Format Qualifier	1	X	ID	2/3
02	1251	Date Time Period	1	X/Z	AN	1/35
03	1068	Gender Code	1	O	ID	1/1
04	1067	Marital Status Code	1	O	ID	1/1
05	C056	Composite Race or Ethnicity Information	25	X		
06	1066	Citizenship Status Code	1	O	ID	1/2
07	26	Country Code	1	O/Z	ID	2/3
08	659	Basis of Verification Code	1	O	ID	1/2
09	380	Quantity	1	O/Z	R	1/15
10	1270	Code List Qualifier Code	1	X	ID	1/3
11	1271	Industry Code	1	X/Z	AN	1/30
12	26	Country Code	1	O/Z	ID	2/3

Syntax Notes

01	P0102
10	P1011
11	C1105

Semantic Notes

02	DMG02 is the date of birth.
07	DMG07 is the country of citizenship.
09	DMG09 is the age in years.
11	DMG11 is used to specify how the information in DMG05, including repeats of C056, was collected.
12	DMG12 is the country of residence.

DMH - Extended Demographic Information

To supply demographic information related to sex or gender identity

TRANSACTION SETS USED IN

111 148 186 187 252 255 256 267 268 270 271 273 274 275 276 277 278 500 820 834 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1874	Birth Sex	1	X/Z	ID	1/80
02	1875	Sex	1	X/Z	ID	1/80
03	1876	Preferred Name to Use	1	O/Z	AN	1/80
04	C082	Sexual Orientation	10	O/Z		
05	C083	Gender Identity Information	10	O/Z		
06	C084	Pronoun Information	10	O/Z		
07	C085	Recorded Sex or Gender	10	O/Z		

Syntax Notes

01	R0102

Semantic Notes

01	DMH01 conveys the sex that a medical practitioner used to describe an individual at birth.
02	DMH02 is documentation of a specific instance of sex or gender information.
03	DMH03 indicates the specific words to be used to address the individual in person or in writings.
04	The DMH04 composite conveys an individual's sexual orientation in relation to the pattern of emotional, sexual, and romantic attraction.
05	The DMH05 composite conveys an individual's personal sense of being a man, woman, boy, girl, nonbinary, or something else.
06	The DMH06 composite conveys an individual's preferred word or words that can replace their name in communications (aka pronouns).
07	The DMH07 composite conveys an individual's recorded sex or gender and associated attributes.

DMI - Data Maintenance Information

To provide information related to the data maintenance request number in the electronic form of the X12 standards

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

868

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	487	Maintenance Operation Code	1	M	ID	1/1
02	926	Data Maintenance Number	1	M	AN	1/6
03	93	Name	1	O	AN	1/60
04	166	Address Information	1	O	AN	1/55
05	166	Address Information	1	O	AN	1/55
06	19	City Name	1	O	AN	2/30
07	156	State or Province Code	1	O	ID	2/2
08	116	Postal Code	1	O	ID	3/15
09	26	Country Code	1	O	ID	2/3
10	365	Communication Number Qualifier	1	X	ID	2/2
11	364	Communication Number	1	X	AN	1/2048
12	490	Note Identification Number	1	O	N0	1/6

Syntax Notes

10 P1011

Comments

02 DMI03 through DMI11 contain the name, address, and telephone number of the submitter of the data maintenance request.

12 DMI12 is the note ID number of the E40 segment that contains the business reason for the data maintenance request.

DN - Dealer Effectivity

To indicate a change in dealer status

TRANSACTION SETS USED IN

128

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	432	Date Qualifier	1	M	ID	2/2
02	373	Date	1	M	DT	8/8
03	1242	Demand Area	1	O	AN	3/3
04	1243	Financial Status	1	O	AN	3/3

DN1 - Orthodontic Information

To supply orthodontic information

TRANSACTION SETS USED IN

837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	O/Z	R	1/15
02	380	Quantity	1	O/Z	R	1/15
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
04	352	Description	1	O/Z	AN	1/80

Semantic Notes

01 DN101 is the estimated number of treatment months.

02 DN102 is the number of treatment months remaining.

03 DN103 is the orthodontic indicator. A "Y" value indicates that the claim contains services related to treatment for orthodontic purposes. An "N" value indicates that the services for this claim are not for orthodontic purposes.

04 DN104 is the appliance description.

DN2 - Tooth Summary

To specify the status of individual teeth

TRANSACTION SETS USED IN
278 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	1368	Tooth Status Code	1	O	ID	1/2
03	380	Quantity	1	O/Z	R	1/15
04	1250	Date Time Period Format Qualifier	1	X	ID	2/3
05	1251	Date Time Period	1	X	AN	1/35
06	1270	Code List Qualifier Code	1	M/Z	ID	1/3

Syntax Notes

04 P0405

Semantic Notes

01 DN201 is the tooth number.

03 DN203 is the measurement expressed in millimeters of the distance between the gingival crest and the base of the tooth pocket.

06 DN206 designates the code set used to identify the tooth in DN201.

DOS - Definition of Share

Defines the agreement terms and sets specific ranges for campaign amounts

TRANSACTION SETS USED IN

290

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1166	Contract Type Code	1	M	ID	2/2
02	782	Monetary Amount	1	O/Z	R	1/18
03	954	Percentage as Decimal	1	O/Z	R	1/10
04	782	Monetary Amount	1	O/Z	R	1/18
05	954	Percentage as Decimal	1	O/Z	R	1/10
06	98	Entity Identifier Code	1	O/Z	ID	2/3
07	352	Description	1	O/Z	AN	1/80

Semantic Notes

02 DOS02 is the maximum dollar amount of the campaign share.

03 DOS03 is the maximum percentage of the campaign share.

04 DOS04 is the minimum dollar amount of the campaign share.

05 DOS05 is the minimum percentage of the campaign share.

06 DOS06 is an indicator to describe to which party the agreement terms apply.

07 DOS07 is required to describe the terms of DOS01 when DOS01 equals "OT" (Other) is used.

DP - Auto Claim Detail - Parts

To describe the parts involved in the repair of vehicle damage and to specify actions taken related to the parts

TRANSACTION SETS USED IN
124

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	306	Action Code	1	M	ID	1/2
02	234	Product/Service ID	1	X/Z	AN	1/80
03	610	Amount	1	O/Z	N2	1/15
04	610	Amount	1	O/Z	N2	1/15
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	1321	Condition Indicator Code	1	O/Z	ID	2/3
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
11	380	Quantity	1	O/Z	R	1/15
12	234	Product/Service ID	1	X/Z	AN	1/80
13	369	Free-form Description	1	X/Z	AN	1/45
14	332	Percent, Decimal Format	1	O/Z	R	1/6
15	360	Allowance or Charge Total Amount	1	O/Z	N2	1/15
16	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
17	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

11 L11021213

Semantic Notes

02 DP02 is the part number.

03 DP03 is the actual part price or sublet amount.

04 DP04 is the estimating database part price.

05 DP05 is the taxable indicator. A value of "Y" indicates that the part is taxable. A value of "N" indicates that the part is not taxable. A value of "U" indicating "unknown" cannot be used.

06 DP06 indicates the availability and usage of aftermarket parts.

07 DP07 is the certified part indicator. A value of "Y" indicates that the part is certified. A value of "N" indicates that the part is not certified. A value of "U" indicating "unknown" cannot be used.

08 DP08 is the price judgment indicator. A value of "Y" indicates that price judgment has been used. A value of "N" indicates that no price judgment has been used. A value of "U" indicating "unknown" cannot be used.

09 DP09 is the glass part indicator. A value of "Y" indicates that the part is a glass part. A value of "N" indicates that the part is not a glass part. A value of "U" indicating "unknown" cannot be used.

10 DP10 is the price included indicator. A value of "Y" indicates that the part price is included elsewhere. A value of "N" indicates that the part price is not included elsewhere. A value of "U" indicating "unknown" cannot be used.

11 DP11 is the quantity used of this part.

12 DP12 is the non-OEM supplier part number.

13 DP13 is the non-OEM supplier reference.

14 DP14 is the adjustment or betterment percent.

15 DP15 is the adjustment or betterment amount.

16 DP16 indicates the wear to the part. A value of "Y" indicates normal wear to the part. A value of "N" indicates the wear to the part as other than normal.

17 DP17 is the non-new parts indicator; a "Y" indicates a search for non-new parts was performed and a part was selected, an "N" indicates that a search for non-new parts was performed and no parts were selected.

DPN - Dependent Information

To provide dependent information

TRANSACTION SETS USED IN
153

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1470	Number	1	M/Z	N0	1/9
02	1067	Marital Status Code	1	O	ID	1/1
03	584	Employment Status Code	1	O/Z	ID	2/2
04	1470	Number	1	O/Z	N0	1/9

Semantic Notes

01 DPN01 refers to the total number of dependents.

03 DPN03 indicates employment status of claimant's spouse.

04 DPN04 refers to the total number of dependent children under 18.

DR - Docket Range

To assign an identification to a range of dockets

TRANSACTION SETS USED IN
486

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M/Z	DT	8/8
02	140	Standard Carrier Alpha Code	1	M	ID	2/4
03	697	Docket Control Number	1	M	AN	1/7
04	690	Docket Identification	1	M/Z	AN	1/11
05	691	Revision Number	1	X	N0	1/4
06	690	Docket Identification	1	X	AN	1/11

Syntax Notes

06	R0605
06	E0605

Semantic Notes

01	DR01 indicates the expiration date.
04	DR04 indicates an actual docket when DR06 is blank, otherwise DR04 indicates the low value of a range and DR06 the high value.

DRA - Drug Authorization

To specify a drug for which authorization is being requested

TRANSACTION SETS USED IN
278

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	352	Description	2	M/Z	AN	1/80
02	1322	Certification Type Code	1	O/Z	ID	1/1
03	C003	Composite Medical Procedure Identifier	2	O/Z		
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	380	Quantity	1	X/Z	R	1/15
06	933	Free-form Message Text	1	O/Z	AN	1/264
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	1073	Yes/No Condition or Response Code	1	X/Z	ID	1/1
09	374	Date/Time Qualifier	1	X	ID	3/3
10	373	Date	1	X/Z	DT	8/8
11	933	Free-form Message Text	999	O/Z	AN	1/264
12	380	Quantity	1	O/Z	R	1/15
13	C060	Question and Answer	999	O/Z		
14	1330	Dosage Form Code	1	O	ID	2/15
15	933	Free-form Message Text	999	O/Z	AN	1/264

Syntax Notes

04 P0405
08 P080910

Semantic Notes

01 DRA01 is the drug name. Position of data in the repeating data element conveys no significance.
02 DRA02 is the drug therapy type.
03 DRA03 Position of data in the repeating data element conveys no significance.
05 DRA05 is the quantity being requested.
06 DRA06 is the Sig. (The Sig is a Latin term used in the pharmacy industry that represents the instructions/directions that are printed on the drug label.)
07 DRA07 is the self administer indicator. A "Y" value indicates that the drug can be administered by the patient. An "N" value indicates that the drug can not be administered by the patient.
08 DRA08 is the end stage renal disease (ESRD) indicator. A "Y" value indicates that the patient has ESRD. An "N" value indicates that the patient does not have ESRD.
10 DRA10 is the ESRD certification date.
11 DRA11 is for questions that are related to the authorization of the drug. Position of data in the repeating data element conveys no significance.
12 DRA12 is the number of refills requested.
13 DRA13 Position of data in the repeating data element conveys no significance.

15 DRA15 is for comments and/or instructions regarding the authorization. Position of data in the repeating data element conveys no significance.

DRT - Car Hire Rate Detail

To identify the rail car hire rate and type

TRANSACTION SETS USED IN
432

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	322	Load/Empty Status Code	1	O	ID	1/1
02	221	Billed/Rated-as Qualifier	1	X	ID	2/2
03	782	Monetary Amount	1	X	R	1/18
04	954	Percentage as Decimal	1	X	R	1/10
05	259	Change Type Code	1	O	ID	1/1
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

03	C0302
03	E0304
04	C0402

Semantic Notes

06	If DRT06 equals "Y", then this is a final offer.

DSB - Disability Information

To supply disability information

TRANSACTION SETS USED IN
834 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1146	Disability Type Code	1	M	ID	1/1
02	380	Quantity	1	O/Z	R	1/15
03	1149	Occupation Code	1	O	ID	4/6
04	1154	Work Intensity Code	1	O	ID	1/1
05	1161	Product Option Code	1	O	ID	1/2
06	782	Monetary Amount	1	O/Z	R	1/18
07	235	Product/Service ID Qualifier	1	X	ID	2/2
08	1137	Medical Code Value	1	X/Z	AN	1/15

Syntax Notes

07 P0708

Semantic Notes

02 DSB02 is scheduled work days before the disability.
06 DSB06 is the maximum amount of disability coverage to which the insured is entitled.
08 DSB08 is the functional status code for the disability.

DTM - Date/Time Reference

To specify pertinent dates and times

TRANSACTION SETS USED IN

101 103 104 105 109 113 120 121 124 140 141 142 143 149 151 152 153 154 157 160 161 170 175 176
179 180 194 195 196 199 203 228 244 250 251 252 255 259 261 264 267 268 271 274 275 280 283 284
285 286 288 300 301 304 309 310 311 312 315 322 323 324 326 404 410 412 417 422 423 424 426 431
432 433 434 435 437 475 500 503 521 540 561 568 601 603 620 650 805 806 810 811 812 813 814 816
818 819 820 821 822 823 824 826 827 829 830 831 832 835 836 838 839 840 841 842 843 844 845 846
847 848 849 850 851 852 855 856 857 860 861 862 863 864 865 866 867 869 870 873 874 877 885 886
887 890 892 893 894 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	374	Date/Time Qualifier	1	M	ID	3/3
02	373	Date	1	X	DT	8/8
03	337	Time	1	X	TM	4/8
04	623	Time Code	1	O	ID	2/2
05	1250	Date Time Period Format Qualifier	1	X	ID	2/3
06	1251	Date Time Period	1	X	AN	1/35

Syntax Notes

02	R020305
04	C0403
05	P0506

DTP - Date or Time or Period

To specify any or all of a date, a time, or a time period

TRANSACTION SETS USED IN

100 103 111 112 124 130 132 133 135 138 139 144 148 150 155 158 159 185 186 187 188 189 190 191 196 197 198 199 200 201 202 203 205 206 242 245 248 252 255 256 260 261 262 264 266 267 268 269 270 271 272 273 274 275 276 277 278 362 412 452 453 455 501 504 625 811 815 820 823 833 834 837 856 872 873

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	374	Date/Time Qualifier	1	M	ID	3/3
02	1250	Date Time Period Format Qualifier	1	M/Z	ID	2/3
03	1251	Date Time Period	1	M	AN	1/35

Semantic Notes

02 DTP02 is the date or time or period format that will appear in DTP03.

DVI - Dynamic Vehicle Information

To provide dynamic information pertaining to a vehicle

TRANSACTION SETS USED IN
124 187 272 284 285 286

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	236	Price Identifier Code	1	O	ID	3/3
02	212	Unit Price	1	X	R	1/17
03	100	Currency Code	1	O	ID	3/3
04	1250	Date Time Period Format Qualifier	1	X	ID	2/3
05	1251	Date Time Period	1	X/Z	AN	1/35
06	93	Name	1	O/Z	AN	1/60
07	380	Quantity	1	O/Z	R	1/15
08	127	Reference Identification	1	O/Z	AN	1/80
09	156	State or Province Code	1	X/Z	ID	2/2
10	1250	Date Time Period Format Qualifier	1	X	ID	2/3
11	1251	Date Time Period	1	X/Z	AN	1/35
12	1423	License Plate Type Code	1	O/Z	ID	2/2
13	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
14	26	Country Code	1	O/Z	ID	2/3

Syntax Notes

01	C0102
04	P0405
10	P1011
14	C1409

Semantic Notes

05	DVI05 specifies the purchase date.
06	DVI06 specifies the place of purchase.
07	DVI07 specifies the current mileage.
08	DVI08 specifies the license plate number of the vehicle.
09	DVI09 specifies the license plate state.
11	DVI11 specifies the year of the license plate.
12	DVI12 specifies the type of license plate.
13	DVI13 indicates if the vehicle is still driveable. A "Y" indicates the vehicle is still driveable; an "N" indicates it is not driveable.
14	DVI14 is used to specify the country of the state or province cited in DVI09.

E01 - Electronic Form Main Heading

To provide the information related to all of the values for this instance of the electronic form of the X12 standards

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

868

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	487	Maintenance Operation Code	1	M	ID	1/1
02	922	Electronic Form Standards Type Code	1	M	ID	1/1
03	480	Version / Release / Industry Identifier Code	1	M	AN	1/12
04	924	Full or Partial Indicator Code	1	M	ID	1/1

E03 - Interchange Order of Segments

To provide information related to the interchange order table of the control segments for the electronic form of the X12 standards

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

868

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	487	Maintenance Operation Code	1	M	ID	1/1
02	906	Level Number Code	1	M	ID	1/1
03	721	Segment ID Code	1	M	ID	2/3
04	903	Envelope Indicator Code	1	M	ID	1/1
05	904	Requirement Designator Code	1	M	ID	1/1
06	905	Maximum Use	1	M	N0	1/7
07	490	Note Identification Number	1	O	N0	1/6

E1 - Empty Car Disposition - Pended Destination Consignee

To identify the party receiving the empty car

TRANSACTION SETS USED IN

404 417 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	93	Name	1	M	AN	1/60
02	66	Identification Code Qualifier	1	X	ID	1/2
03	67	Identification Code	1	X	AN	2/80

Syntax Notes

02 P0203

E10 - Transaction Set Grouping

To provide information grouping of transaction sets by transaction ID and functional ID for the electronic form of the X12 standards

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

868

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	487	Maintenance Operation Code	1	M	ID	1/1
02	143	Transaction Set Identifier Code	1	M	ID	3/3
03	479	Functional Identifier Code	1	M	ID	2/2
04	352	Description	1	M/Z	AN	1/80
05	490	Note Identification Number	1	O	N0	1/6

Semantic Notes

04 E1004 contains the transaction set title.

E13 - Segment Order in Transaction Set

To provide the list of segments in a transaction set for the electronic form of the X12 standards

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

868

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	487	Maintenance Operation Code	1	M	ID	1/1
02	589	Position in Set	1	M	N0	1/6
03	902	Section Designator Code	1	O	ID	1/1
04	721	Segment ID Code	1	O	ID	2/3
05	904	Requirement Designator Code	1	O	ID	1/1
06	905	Maximum Use	1	O	N0	1/7
07	909	Loop Name	1	O	AN	2/4
08	910	Loop Repeat Count	1	O	N0	1/7
09	489	Loop Level Number	1	O	N0	1/1
10	490	Note Identification Number	1	O	N0	1/6

Comments

02 When E1302 is used in the Electronic Form Transaction Set (868) to send a complete transaction set, it is 10 for the first segment and incremented by 10 for each succeeding segment to the end of the transaction set. When used in the Electronic Form Transaction Set to delete or replace an existing segment, it is the matching sequence number of the segment existing in the transaction set. When used in the Electronic Form Transaction Set to add a segment, it is a number which will insert the new segment in its position within the transaction set.

09 E1309 contains a number (1-9) indicating the loop-level structure within the transaction set. The number 1 indicates the outermost loop, 2 indicates the next loop within the loop, 3 indicates the next loop within 2, etc.

10 E1310 is the note ID number of the E40 segment which contains this segment's nonstandard comments. These comments are as they appear in the transaction set listings of the standards documentation.

E20 - Segment Header Information

To provide for grouping the data elements by segment ID value for the electronic form of the X12 standards

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

868

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	487	Maintenance Operation Code	1	M	ID	1/1
02	721	Segment ID Code	1	M	ID	2/3
03	352	Description	1	O/Z	AN	1/80
04	490	Note Identification Number	1	O	N0	1/6

Semantic Notes

03 E2003 contains the segment title.

Comments

04 E2004 is the note ID number of the E40 segment which contains this segment's nonstandard comments. These comments are as they appear in the transaction set listings of the standards documentation.

E22 - Data Element Relationships in a Segment or Composite

To provide the detail information for the data element relationships in a segment or composite for the electronic form of the X12 standards

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

868

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	487	Maintenance Operation Code	1	M	ID	1/1
02	912	Relation Code	1	M	ID	1/1
03	911	Position in Segment or Composite	1	M	N0	1/2
04	911	Position in Segment or Composite	1	O	N0	1/2
05	911	Position in Segment or Composite	1	O	N0	1/2
06	911	Position in Segment or Composite	1	O	N0	1/2
07	911	Position in Segment or Composite	1	O	N0	1/2
08	911	Position in Segment or Composite	1	O	N0	1/2
09	911	Position in Segment or Composite	1	O	N0	1/2
10	911	Position in Segment or Composite	1	O	N0	1/2
11	911	Position in Segment or Composite	1	O	N0	1/2
12	911	Position in Segment or Composite	1	O	N0	1/2

E24 - Data Element Sequence in a Segment or Composite

To provide the detail information related to the sequence of the data elements in a segment or composite for the electronic form of the X12 standards

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

868

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	487	Maintenance Operation Code	1	M	ID	1/1
02	911	Position in Segment or Composite	1	M	N0	1/2
03	725	Data Element Reference Code	1	M	AN	1/4
04	904	Requirement Designator Code	1	M	ID	1/1
05	491	Data Element Usage Type Code	1	O	ID	1/1
06	490	Note Identification Number	1	O	N0	1/6
07	609	Count	1	O/Z	N0	1/9

Semantic Notes

07	07 conveys the repetition designator for either the simple or composite data element being referenced in the E2407 instance.
07	E2407 shall not be used when referencing a component data element.
07	The absence of data in E2407 shall be interpreted to equal a repetition designator of one (1).

Comments

04	If E2404 contains code "C", then the conditional relationship must be defined in the E22 segment.
06	E2406 contains segment syntax notes and comments.

E30 - Data Element Attributes

To provide the data element attributes for the electronic form of the X12 standards

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

868

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	487	Maintenance Operation Code	1	M	ID	1/1
02	725	Data Element Reference Code	1	M	AN	1/4
03	913	Data Element Data Type Code	1	M	ID	1/3
04	914	Minimum Length	1	M	N0	1/2
05	915	Maximum Length	1	M	N0	1/7
06	352	Description	1	O/Z	AN	1/80
07	490	Note Identification Number	1	O	N0	1/6
08	725	Data Element Reference Code	1	X/Z	AN	1/4
09	916	Code List Reference	1	X	AN	1/6

Syntax Notes

08 P0809

Semantic Notes

06 E3006 is the data element title.

08 If E3008 is used, then E3002 indicates the data element number in which the industry code value is carried, and E3008 carries the data element number of the industry code list qualifier.

Comments

07 E3007 is the note ID number of the E40 segment which contains the data element definition.

E34 - Code List Values for a Data Element

To provide the code list values of a data element for the electronic form of the X12 standards

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

868

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	487	Maintenance Operation Code	1	M	ID	1/1
02	918	Code Value	1	M	AN	1/8
03	505	Partition Indicator	1	O	AN	1/80
04	352	Description	1	M	AN	1/80

Comments

04	E3404 contains the first 80 characters of the code description; the remainder is found in the following DDI segment.

E4 - Empty Car Disposition - Pended Destination City

To specify the geographic place of named party receiving the empty car

TRANSACTION SETS USED IN

404 417 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	19	City Name	1	M	AN	2/30
02	156	State or Province Code	1	M	ID	2/2
03	116	Postal Code	1	O	ID	3/15
04	26	Country Code	1	O	ID	2/3
05	166	Address Information	1	O	AN	1/55

E40 - EDI Standards Note Reference

To transmit information relative to comments and notes within the X12 standards

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

868

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	487	Maintenance Operation Code	1	M	ID	1/1
02	490	Note Identification Number	1	M	N0	1/6
03	568	Electronic Form Note Reference Code	1	M	ID	3/3
04	350	Assigned Identification	1	O	AN	1/20

E41 - Composite Header Information

To provide for grouping the data elements by composite ID value for the electronic form of the X12 standards

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

868

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	487	Maintenance Operation Code	1	M	ID	1/1
02	725	Data Element Reference Code	1	M	AN	1/4
03	352	Description	1	O/Z	AN	1/80
04	490	Note Identification Number	1	O	N0	1/6

Semantic Notes

03 E4103 contains the composite title.

Comments

04 E4104 is the note ID number of the E40 segment which contains this composite's nonstandard comments. These comments are as they appear in the transaction set listings of the standards documentation.

E5 - Empty Car Disposition - Pended Destination Route

To specify the routing of the empty car

TRANSACTION SETS USED IN

404 417 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	133	Routing Sequence Code	1	M	ID	1/2
03	19	City Name	1	O	AN	2/30
04	154	Standard Point Location Code	1	O	ID	6/9

E6 - Advance Car Disposition

To specify advance data on the disposition of equipment

TRANSACTION SETS USED IN

419 420

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	206	Equipment Initial	1	M	AN	1/4
02	207	Equipment Number	1	M	AN	1/15
03	19	City Name	1	M	AN	2/30
04	154	Standard Point Location Code	1	O	ID	6/9
05	140	Standard Carrier Alpha Code	1	M	ID	2/4
06	296	Intermediate Switch Carrier Code	1	O	ID	2/4
07	22	Commodity Code	1	O	AN	1/30
08	301	Car Type Code	1	O	ID	1/4
09	578	Equipment Status Code	1	M	ID	1/2

Comments

03 E603 is the station or city name at which carriers interchange shipments.

E8 - Blocking and Response Information

To identify a block of cars and the response information

TRANSACTION SETS USED IN

420

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	42	Block Identifier	1	X	AN	1/12
02	748	Movement Authority Code	1	X	ID	1/2

Syntax Notes

01	R0102

EA - Equipment Attributes

To specify attributes required for a piece of equipment

TRANSACTION SETS USED IN

300 301

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1402	Equipment Attribute Code	1	M	ID	2/3
02	C001	Composite Unit of Measure	1	X		
03	380	Quantity	1	X	R	1/15

Syntax Notes

02 P0203

Comments

01 When EA01 is "PCO", "PSE", "DHT", "DWI", "YEA" or "MCP", EA02 and EA03 are required.

EB - Eligibility or Benefit Information

To supply eligibility or benefit information

TRANSACTION SETS USED IN
271

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1390	Eligibility or Benefit Information Code	25	M/Z	ID	1/2
02	1207	Coverage Level Code	1	O	ID	3/3
03	C064	Service Type	99	O/Z		
04	1788	Insurance Product Code	1	O	ID	1/3
05	1204	Plan Coverage Description	1	O	AN	1/50
06	615	Time Period Qualifier	1	O	ID	1/2
07	782	Monetary Amount	1	O	R	1/18
08	954	Percentage as Decimal	1	O	R	1/10
09	673	Quantity Qualifier	1	X	ID	2/2
10	380	Quantity	1	X	R	1/15
11	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
12	1791	Network Indicator Code	1	O	ID	1/2
13	C003	Composite Medical Procedure Identifier	99	O/Z		
14	1328	Diagnosis Code Pointer	99	O/Z	N0	1/2
15	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
16	1796	Health Care Services Review Requirement Code	10	O	ID	1/2
17	C022	Health Care Code Information	99	O		

Syntax Notes

09 P0910

Semantic Notes

01 All EB01 values qualify EB06 through EB10. Position of data in the repeating data element conveys no significance.

03 Position of data in the repeating data element conveys no significance.

11 EB11 is the authorization or certification indicator. A "Y" value indicates that an authorization or certification is required per plan provisions. An "N" value indicates that an authorization or certification is not required per plan provisions. A "U" value indicates it is unknown whether the plan provisions require an authorization or certification.

13 Position of data in the repeating composite data element conveys no significance.

14 The first pointer designates the primary diagnosis and remaining diagnosis pointers indicate declining level of importance.

15 A "Y" indicates benefits are shared across Service Type Codes and Procedure Codes; an "N" indicates benefits are not shared.

EC - Employment Class

To provide class of employment information

TRANSACTION SETS USED IN
186 267 834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1176	Employment Class Code	1	O	ID	2/3
02	1176	Employment Class Code	1	O	ID	2/3
03	1176	Employment Class Code	1	O	ID	2/3
04	954	Percentage as Decimal	1	O/Z	R	1/10
05	1201	Information Status Code	1	O/Z	ID	1/1
06	1149	Occupation Code	1	O	ID	4/6

Semantic Notes

04 EC04 is percent of ownership.

05 EC05 applies to the entire segment.

ECS - Fees and Payment Schedule

To provide payment information pertaining to equipment

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	522	Amount Qualifier Code	1	M	ID	1/3
02	782	Monetary Amount	1	M	R	1/18
03	1772	Frequency Pattern Code	1	M	ID	2/2
04	352	Description	1	O/Z	AN	1/80

Semantic Notes

04 ECS04 provides information about the imposed fees.

ED - Equipment Description

To identify further the referenced equipment

TRANSACTION SETS USED IN
311 324 424 451 455

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	206	Equipment Initial	1	M	AN	1/4
02	207	Equipment Number	1	M	AN	1/15
03	322	Load/Empty Status Code	1	O	ID	1/1
04	22	Commodity Code	1	O	AN	1/30
05	79	Lading Description	1	O	AN	1/50
06	186	Waybill Number	1	O	N0	1/6
07	207	Equipment Number	1	O/Z	AN	1/15
08	373	Date	1	O/Z	DT	8/8

Semantic Notes

07 ED07 indicates the high end of an equipment range.
08 ED08 is the waybill date.

EDF - Educational Fee Information

To specify the type of educational fees assessed at an educational institution

TRANSACTION SETS USED IN

133

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	M/Z	ID	1/3
02	1271	Industry Code	1	M	AN	1/30
03	1134	Institutional Governance or Funding Source Level Code	1	O	ID	1/1
04	1270	Code List Qualifier Code	1	X/Z	ID	1/3
05	1271	Industry Code	1	X	AN	1/30
06	352	Description	1	O/Z	AN	1/80
07	1131	Level of Individual, Test, or Course Code	1	O	ID	2/2
08	67	Identification Code	1	O/Z	AN	2/80
09	380	Quantity	1	O/Z	R	1/15
10	380	Quantity	1	O/Z	R	1/15
11	782	Monetary Amount	1	O/Z	R	1/18

Syntax Notes

04 P0405

06 C0604

Semantic Notes

01 EDF01 and EDF02 identify the code source and industry code for the education fee type.

04 EDF04 and EDF05 identify the code source and industry code for the institutional fee basis.

06 EDF06 is a free-form text description that further defines the basis of fees or charges indicated in EDF04 and EDF05.

08 EDF08 identifies a specific program area using a Classification of Instructional Program (CIP) code.

09 EDF09 represents the credit hours typically associated with the type of fee.

10 EDF10 represents the clock hours typically associated with the type of fee.

11 EDF11 is the monetary amount of the fee.

EFI - Electronic Format Identification

To provide basic information about the electronic format of the interchange data

TRANSACTION SETS USED IN

105 176 186 187 197 240 252 255 267 268 280 832 840 841 842 843 850 855 860 865 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	786	Security Level Code	1	M	ID	2/2
02	933	Free-form Message Text	1	O	AN	1/264
03	797	Security Technique Code	1	O	ID	2/2
04	799	Version Identifier	1	X	AN	1/30
05	802	Program Identifier	1	O	AN	1/30
06	799	Version Identifier	1	X	AN	1/30
07	801	Interchange Format	1	O	AN	1/30
08	799	Version Identifier	1	X	AN	1/30
09	800	Compression Technique	1	O	AN	1/30
10	789	Drawing Sheet Size Code	1	O	AN	2/2
11	803	File Name	1	O	AN	1/64
12	804	Block Type	1	O	AN	1/4
13	787	Record Length	1	O	N	1/15
14	788	Block Length	1	O	N	1/5
15	799	Version Identifier	1	X	AN	1/30
16	1570	Filter ID Code	1	X	ID	3/3

Syntax Notes

05	C0504
07	C0706
09	C0908
15	P1516

EI - Automatic Equipment Identification

To identify individual equipment and its sequence number for automatic identification

TRANSACTION SETS USED IN

160

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	609	Count	1	O/Z	N0	1/9
02	206	Equipment Initial	1	X	AN	1/4
03	207	Equipment Number	1	X	AN	1/15
04	1543	Equipment Orientation Code	1	O	ID	1/1
05	219	Position	1	O/Z	AN	1/3
06	1554	Tag Status Code	1	O	ID	1/1

Syntax Notes

02	P0203

Semantic Notes

01	EI01 is the count of the entrained equipment.
05	EI05 is the tier of the tag placement.

EIA - Beginning Segment for Equipment Inquiry or Advice

To identify functions and provide control information required for the Equipment Inquiry or Advice Transaction Set

TRANSACTION SETS USED IN

456

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
04	1073	Yes/No Condition or Response Code	1	X/Z	ID	1/1
05	609	Count	1	O/Z	N0	1/9
06	127	Reference Identification	1	O/Z	AN	1/80

Syntax Notes

05 C0504

Semantic Notes

02 EIA indicates if waybill information should be included. A "Y" indicates waybill information should be included; an "N" indicates waybill information should not be included.

03 EIA03 indicates if trip information should be included. A "Y" indicates trip information should be included; an "N" indicates trip information should not be included.

04 EIA04 indicates if advice should include all events from the last full cycle. A "Y" indicates advice should include all events from the last full cycle; an "N" indicates that the number of events to be sent will be found in EIA05.

05 EIA05 indicates how many of the last events should be passed.

06 EIA06 contains the 12 character Trace Identifier required in the response of parameter trace inquiries.

ELV - Employee Leave Summary

To provide summary information concerning the employee's leave records

TRANSACTION SETS USED IN

132

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	584	Employment Status Code	1	M/Z	ID	2/2
02	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
03	380	Quantity	1	O/Z	R	1/15
04	380	Quantity	1	O/Z	R	1/15
05	380	Quantity	1	O/Z	R	1/15
06	380	Quantity	1	O/Z	R	1/15

Semantic Notes

01 ELV01 is the type of leave being reported.

02 ELV02 indicates whether an individual receives compensation from the employer during a period of leave. A "Y" indicates leave with pay; an "N" indicates leave without pay.

03 ELV03 is the maximum number of hours of leave that an individual can accrue per calendar year.

04 ELV04 is the actual number of hours of leave earned but not yet taken by an individual per calendar year.

05 ELV05 is the current number of hours of leave available for use by an individual per calendar year.

06 ELV06 is the number of hours of leave an individual has taken per calendar year.

EM - Equipment Characteristics

To send additional information regarding a specific piece of equipment

TRANSACTION SETS USED IN
271 272 404 417 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	188	Weight Unit Code	1	X	ID	1/1
02	81	Weight	1	O/Z	R	1/10
03	184	Volume Unit Qualifier	1	X	ID	1/1
04	183	Volume	1	O/Z	R	1/8
05	26	Country Code	1	O/Z	ID	2/3
06	1429	Construction Type Code	1	O	ID	1/2
07	373	Date	1	O/Z	DT	8/8

Syntax Notes

02	C0201
04	C0403

Semantic Notes

02	EM02 is the maximum load weight.
04	EM04 is the maximum load volume.
05	EM05 is the country of manufacture.
07	EM07 is the last inspection date for convention of safe container.

EMP - Employer

To provide employment specifics

TRANSACTION SETS USED IN
267 833

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	352	Description	1	M/Z	AN	1/80
02	235	Product/Service ID Qualifier	1	X/Z	ID	2/2
03	234	Product/Service ID	1	X/Z	AN	1/80
04	128	Reference Identification Qualifier	1	X/Z	ID	2/3
05	127	Reference Identification	1	X/Z	AN	1/80
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	352	Description	1	O/Z	AN	1/80
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	127	Reference Identification	1	O	AN	1/80

Syntax Notes

02 P0203
04 P0405

Semantic Notes

01 EMP01 describes employer's type of business.
02 EMP02 is used to reference business code list (Standard Industrial Classification Code (SICC), etc.).
03 EMP03 is used to state the Standard Industrial Classification Code (SICC) to identify the type of business.
04 EMP04 identifies the type of employee identification.
05 EMP05 states the employee's identification number.
06 EMP06 indicates if employment is on-going. A "Y" indicates employment is on-going; an "N" indicates it is not.
07 EMP07 describes reason for leaving employment.
08 EMP08 defines bonus continuance. A "Y" indicates it will; an "N" indicates it may not.
09 EMP09 defines overtime continuance. A "Y" indicates it will continue; an "N" indicates it may not continue.

EMS - Employment Position

To describe employment position

TRANSACTION SETS USED IN

113 130 132 138 155 186 189 194 198 200 201 248 252 255 267 274 284 286 540 820 833

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	352	Description	1	O/Z	AN	1/80
02	1176	Employment Class Code	1	O/Z	ID	2/3
03	1149	Occupation Code	1	O/Z	ID	4/6
04	584	Employment Status Code	1	O/Z	ID	2/2
05	128	Reference Identification Qualifier	1	X/Z	ID	2/3
06	127	Reference Identification	1	X/Z	AN	1/80
07	127	Reference Identification	1	X	AN	1/80
08	128	Reference Identification Qualifier	1	X	ID	2/3
09	66	Identification Code Qualifier	1	X/Z	ID	1/2
10	67	Identification Code	1	X	AN	2/80
11	332	Percent, Decimal Format	1	O/Z	R	1/6
12	584	Employment Status Code	1	O/Z	ID	2/2
13	66	Identification Code Qualifier	1	X/Z	ID	1/2
14	67	Identification Code	1	X	AN	2/80
15	1176	Employment Class Code	5	O/Z	ID	2/3

Syntax Notes

05	P0506
07	P0708
09	P0910
13	P1314

Semantic Notes

01	EMS01 describes the employee's title or position in text.
02	EMS02 defines the employment position relationship.
03	EMS03 defines the occupation category.
04	EMS04 defines the status of employment.
05	EMS05 identifies EMS06 as pay grade.
06	EMS06 defines pay grade for employee, if available.
09	EMS09 and EMS10 identify the employee position number.
11	EMS11 is the employee's annual full-time equivalency.
12	EMS12 indicates the appointment type as full-time or part-time.
13	EMS13 and EMS14 indicate the employee's pay class.
15	EMS15 provides additional detail on employment class such as bargaining unit status or whether the employee is exempt from the Fair Labor Standards Act.

EMT - Employment

To specify employment information

TRANSACTION SETS USED IN
148

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	X	ID	1/3
02	1271	Industry Code	1	X	AN	1/30
03	156	State or Province Code	1	O/Z	ID	2/2
04	67	Identification Code	1	O/Z	AN	2/80
05	352	Description	1	O/Z	AN	1/80
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

01 P0102

Semantic Notes

03 EMT03 is the employee work state or state of hire.

04 EMT04 is the Standard Industrial Classification Code (SICC) (code source 113).

05 EMT05 is an occupation description.

06 EMT06 designates if union pays cash benefits. A "Y" indicates the union pays cash benefits; an "N" indicates that the union does not pay cash benefits.

07 EMT07 designates if employer requires reimbursement if wages continue during disability. A "Y" indicates the employer requires reimbursement; an "N" indicates the employer does not require reimbursement.

08 EMT08 designates if employee is covered by a private, individual disability plan. A "Y" indicates the employee is covered by a private, individual disability plan; an "N" indicates that the employee is not covered by a private, individual disability plan.

ENE - Electronic Systems Environment

To specify electronic systems environment

TRANSACTION SETS USED IN
838

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	709	Communications Environment Code	1	M	ID	2/2
02	365	Communication Number Qualifier	1	M	ID	2/2
03	364	Communication Number	1	M	AN	1/2048
04	66	Identification Code Qualifier	1	X	ID	1/2
05	67	Identification Code	1	X/Z	AN	2/80

Syntax Notes

04 P0405

Semantic Notes

05 ENE05 specifies a contracted provider identification number.

ENM - School Enrollment Data

To specify education enrollment information

TRANSACTION SETS USED IN
133

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	641	Status Reason Code	1	M/Z	ID	3/3
02	1131	Level of Individual, Test, or Course Code	1	O	ID	2/2
03	1139	Session Code	1	O/Z	ID	1/1
04	C056	Composite Race or Ethnicity Information	5	O/Z		
05	1068	Gender Code	1	O	ID	1/1
06	1250	Date Time Period Format Qualifier	1	X/Z	ID	2/3
07	1251	Date Time Period	1	X	AN	1/35
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

06 P0607

Semantic Notes

01 ENM01 indicates the enrollment status to be reported.

03 ENM03 indicates the type of academic session for which the enrollment data is being reported.

04 One or more occurrences of ENM04 are used to provide a race or ethnicity description. The positionality of the occurrences of ENM04 is not significant.

04 All occurrences of ENM04 apply to the gender code in ENM05.

06 ENM06 and ENM07 indicate the date of the enrollment period.

08 ENM08 indicates whether the enrollment data includes Summer Session information. A "Y" indicates that Summer Session information is included. An "N" indicates that Summer Session is not included.

Comments

01 Generally these are enrollments and graduations in various categories.

ENR - School Enrollment Information

To provide school data relative to the applicant or the student

TRANSACTION SETS USED IN
135 190 191

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	641	Status Reason Code	1	M	ID	3/3
02	1131	Level of Individual, Test, or Course Code	1	O	ID	2/2
03	1250	Date Time Period Format Qualifier	1	X	ID	2/3
04	1251	Date Time Period	1	X	AN	1/35
05	1266	Major Course of Study Code	1	O	ID	1/2
06	740	Range Minimum	1	X	R	1/20
07	741	Range Maximum	1	X	R	1/20
08	1144	Academic Grade Point Average	1	O	R	1/6
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
11	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
12	1250	Date Time Period Format Qualifier	1	X	ID	2/3
13	1251	Date Time Period	1	X/Z	AN	1/35
14	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
15	1250	Date Time Period Format Qualifier	1	X	ID	2/3
16	1251	Date Time Period	1	X/Z	AN	1/35
17	1250	Date Time Period Format Qualifier	1	X	ID	2/3
18	1251	Date Time Period	1	X/Z	AN	1/35
19	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
20	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

03	P0304
06	P0607
12	P1213
15	P1516
17	P1718

Semantic Notes

09	ENR09 indicates the degree intent. A "Y" indicates there is a degree intent; an "N" indicates there is not.
10	ENR10 indicates if there is satisfactory progress toward a degree. A "Y" indicates there is satisfactory progress; an "N" indicates there is not.
11	ENR11 indicates if another post-secondary school was attended. A "Y" indicates another post-secondary school was attended; an "N" indicates one was not.
13	ENR13 is last post-secondary school attended date range.

14 ENR14 indicates if a foreign school was attended. A "Y" indicates a foreign school was attended; an "N" indicates one was not.

16 ENR16 is the last foreign school attended date range.

18 ENR18 is the enrollment period.

19 ENR19 defines if the student is in good standing. A "Y" indicates the student is in good standing; an "N" indicates the student is not in good standing.

20 ENR20 defines if the student qualifies for the good student discount. A "Y" indicates that the student qualifies; an "N" indicates the student does not qualify.

ENT - Entity

To designate the entities which are parties to a transaction and specify a reference meaningful to those entities

TRANSACTION SETS USED IN

135 139 144 190 191 252 256 267 273 540 820 821 822 834 877 880 885 886 891

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	O	N0	1/9
02	98	Entity Identifier Code	1	X	ID	2/3
03	66	Identification Code Qualifier	1	X	ID	1/2
04	67	Identification Code	1	X	AN	2/80
05	98	Entity Identifier Code	1	X	ID	2/3
06	66	Identification Code Qualifier	1	X	ID	1/2
07	67	Identification Code	1	X	AN	2/80
08	128	Reference Identification Qualifier	1	X	ID	2/3
09	127	Reference Identification	1	X	AN	1/80

Syntax Notes

02 P020304
05 P050607
08 P0809

Comments

00 This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows:

00 (1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).

00 (2) Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no other data elements need be used.

00 (3) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity, so no other data elements need be used.

00 (4) Multiple/Multiple: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master.

00 This segment also allows for the transmission of a unique reference number that is meaningful between the entities.

EQ - Eligibility or Benefit Inquiry

To specify inquired eligibility or benefit information

TRANSACTION SETS USED IN

270

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C064	Service Type	99	X/Z		
02	C003	Composite Medical Procedure Identifier	99	X/Z		
03	1207	Coverage Level Code	1	O	ID	3/3
04	1788	Insurance Product Code	1	O	ID	1/3
05	1328	Diagnosis Code Pointer	99	O/Z	N0	1/2
06	1791	Network Indicator Code	1	O	ID	1/2

Syntax Notes

01	R0102

Semantic Notes

01	Position of data in the repeating data element conveys no significance.
02	Position of data in the repeating composite data element conveys no significance.
05	The first pointer designates the primary diagnosis and remaining diagnosis pointers indicate declining level of importance.

EQD - EQD Equipment Damage Information

Used to identify damage on equipment.

TRANSACTION SETS USED IN

228

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	302	Location on Equipment Code	1	M/Z	ID	1/3
02	303	Type of Damage Code	1	M	ID	1/3
03	1741	Equipment Component Code	1	O	ID	1/4

Semantic Notes

01 When reporting no damage (EQD02 equals ND) the EQD01 must be equal to C.

ER - Rail Event Reporting

To supply information regarding movement of shipments

TRANSACTION SETS USED IN
451 456

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	306	Action Code	1	M	ID	1/2
02	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
03	304	Event Code	1	M	ID	3/3
04	154	Standard Point Location Code	1	M/Z	ID	6/9
05	374	Date/Time Qualifier	1	M	ID	3/3
06	1250	Date Time Period Format Qualifier	1	M	ID	2/3
07	1251	Date Time Period	1	M	AN	1/35
08	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
09	41	Interchange Train Identification	1	O	AN	1/10
10	373	Date	1	X/Z	DT	8/8
11	322	Load/Empty Status Code	1	O	ID	1/1
12	154	Standard Point Location Code	1	O/Z	ID	6/9

Syntax Notes

09 C0910

Semantic Notes

02 ER02 is the reporting carrier (also the delivering carrier if interchange is being reported).
04 ER04 is the event location.
08 ER08 is the receiving carrier if the value in ER03 is required for interchange.
10 ER10 is the train origination date.
12 ER12 is the location of the secondary point of the event specified in ER03.

ERI - Entity Relationship

To identify the explicit relationship between entities, i.e., parent, child, peer

TRANSACTION SETS USED IN

267 838

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	66	Identification Code Qualifier	1	M	ID	1/2
02	67	Identification Code	1	M	AN	2/80
03	706	Entity Relationship Code	1	M	ID	2/2
04	66	Identification Code Qualifier	1	X	ID	1/2
05	67	Identification Code	1	X	AN	2/80
06	706	Entity Relationship Code	1	X	ID	2/2
07	706	Entity Relationship Code	1	O	ID	2/2
08	706	Entity Relationship Code	1	O	ID	2/2
09	1400	Hierarchy Code	1	O	AN	2/2

Syntax Notes

04		P040506

ERP - Educational Record Purpose

To indicate the type of educational record or information being requested or being sent and to specify conditions under which it is being requested or was sent

TRANSACTION SETS USED IN

130 133 138 146 188 190

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	640	Transaction Type Code	1	M/Z	ID	2/2
02	641	Status Reason Code	1	O/Z	ID	3/3
03	306	Action Code	1	O	ID	1/2
04	1250	Date Time Period Format Qualifier	1	X	ID	2/3
05	1251	Date Time Period	1	X/Z	AN	1/35

Syntax Notes

04 P0405

Semantic Notes

01 ERP01 identifies the type of transaction set.

02 ERP02 indicates why the record or information is being sent or not being sent.

05 ERP05 indicates the date by which the educational record is to be sent.

ES - Equipment Status

To provide detail information regarding the dynamic condition of equipment

TRANSACTION SETS USED IN

451 456

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1488	Bad Order Reason Code	1	O	ID	1/1
02	1489	Hold Reason Code	1	O	ID	2/2
03	1490	Association of American Railroads Car Grade Code	1	O	ID	1/1
04	519	Time Period Unit Qualifier	1	X	ID	1/1
05	380	Quantity	1	X/Z	R	1/15
06	617	Switch Type Code	1	O	ID	2/2
07	1271	Industry Code	1	O/Z	AN	1/30

Syntax Notes

04 P0405

Semantic Notes

05 ES05 is the time to repair the Bad Order equipment.

07 ES07 is the Association of American Railroad TRAIN II Shipper Rejection (Report Type 45) Code.

ESI - Employment Status Information

To specify status of employment

TRANSACTION SETS USED IN

132 148

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
04	337	Time	1	O/Z	TM	4/8
05	380	Quantity	1	O/Z	R	1/15
06	584	Employment Status Code	1	X	ID	2/2
07	1154	Work Intensity Code	1	O	ID	1/1
08	1468	Reason Stopped Work Code	1	O	ID	2/2
09	641	Status Reason Code	1	O/Z	ID	3/3

Syntax Notes

09 C0906

Semantic Notes

01 ESI01 designates if the segment contains post-injury employment information. A "Y" designates that the segment contains post-injury employment information; an "N" designates that the segment contains pre-injury employment information.

02 ESI02 designates if the person returned to the same job. A "Y" indicates the person returned to same job; an "N" indicates the person did not return to the same job.

03 ESI03 designates if this is a permanent return to work. A "Y" indicates this is a permanent return to work; an "N" indicates this is not a permanent return to work.

04 ESI04 is the start time on the day of injury.

05 ESI05 is the number of hours worked on the last day worked.

09 ESI09 designates the reason for the status indicated in ESI06.

ETD - Excess Transportation Detail

To specify information relating to premium transportation

TRANSACTION SETS USED IN

856

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	626	Excess Transportation Reason Code	1	M	ID	1/2
02	627	Excess Transportation Responsibility Code	1	M	ID	1/1
03	128	Reference Identification Qualifier	1	X/Z	ID	2/3
04	127	Reference Identification	1	X	AN	1/80
05	743	Returnable Container Freight Payment Responsibility Code	1	O	ID	1/2

Syntax Notes

03 P0304

Semantic Notes

03 ETD03 qualifies the authorization number given in EDT04.

EVI - Event Inquiry Reason Information

To specify the event's phase or step in the inquiry process

TRANSACTION SETS USED IN

270

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1872	Event Inquiry Reason Indicator	1	M	ID	2/3

EVN - Occurrence/Encounter Event Verification Identifier

Code indicating the event's uniquely assigned identifier

TRANSACTION SETS USED IN

271

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1873	Occurrence/Encounter Reference Identification	1	M	AN	1/80

EXI - Excavation Ticket Information

To supply excavation ticket information

TRANSACTION SETS USED IN

620

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C040	Reference Identifier	1	M		
02	467	Priority	1	M/Z	N0	1/1
03	1250	Date Time Period Format Qualifier	1	M/Z	ID	2/3
04	1251	Date Time Period	1	M/Z	AN	1/35
05	519	Time Period Unit Qualifier	1	X/Z	ID	1/1
06	380	Quantity	1	X/Z	R	1/15
07	352	Description	1	X/Z	AN	1/80
08	306	Action Code	1	O/Z	ID	1/2

Syntax Notes

05	P0506
06	R0607

Semantic Notes

02	EXI02 is the priority level of the excavation according to the state's notification requirements.
03	EXI03 describes the format of the date given in EXI04.
04	EXI04 is the date and time the excavation is scheduled to begin.
05	EXI05 describes the time units for the duration of work.
06	EXI06 is the number of time units.
07	EXI07 describes non-specific time units for the duration of work.
08	EXI08 describes the method of positive response used by the sender or the positive response action specified by the responder.

F01 - Identification of Claim (Claimant Originated)

To identify a loss or damage claim

TRANSACTION SETS USED IN
920 924

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M/Z	DT	8/8
02	127	Reference Identification	1	M/Z	AN	1/80
03	610	Amount	1	M/Z	N2	1/15
04	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
05	544	Supporting Evidence Code	1	M	ID	1/1
06	100	Currency Code	1	O	ID	3/3
07	280	Exchange Rate	1	O	R	4/10
08	66	Identification Code Qualifier	1	X	ID	1/2
09	67	Identification Code	1	X/Z	AN	2/80

Syntax Notes

08 P0809

Semantic Notes

01 F0101 contains the date of claim.
02 F0102 is claimant's claim number.
03 F0103 is the claim amount.
04 F0104 is the carrier to whom the claim is made.
09 F0109 is the claimant's code.

Comments

06 F0106 must be specified if the country is other than the United States. F0106 relates to amount in F0103.
07 F0107 relates to F0103 and F0106.

F02 - Identification of Shipment

To specify date of shipment, carrier, equipment, and carrier's reference number

TRANSACTION SETS USED IN
920 924 925

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	O/Z	DT	8/8
02	206	Equipment Initial	1	O	AN	1/4
03	207	Equipment Number	1	O	AN	1/15
04	128	Reference Identification Qualifier	1	X	ID	2/3
05	127	Reference Identification	1	X	AN	1/80
06	128	Reference Identification Qualifier	1	X	ID	2/3
07	127	Reference Identification	1	X	AN	1/80
08	597	Vessel Code	1	O	ID	1/8
09	182	Vessel Name	1	O	AN	2/50

Syntax Notes

04 P0405
06 P0607

Semantic Notes

01 F0201 is the date of pickup by the carrier.

Comments

08 F0208 is used if the shipment was received from an ocean carrier.
09 F0209 is used if the shipment was received from an ocean carrier.

F04 - Weight/Volume Loss

To report origin and destination weights or volumes

TRANSACTION SETS USED IN

920

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	81	Weight	1	X	R	1/10
02	188	Weight Unit Code	1	X	ID	1/1
03	187	Weight Qualifier	1	X	ID	1/2
04	81	Weight	1	X	R	1/10
05	188	Weight Unit Code	1	X	ID	1/1
06	187	Weight Qualifier	1	X	ID	1/2
07	183	Volume	1	X	R	1/8
08	184	Volume Unit Qualifier	1	X	ID	1/1
09	183	Volume	1	X	R	1/8
10	184	Volume Unit Qualifier	1	X	ID	1/1

Syntax Notes

01	P010203
01	C0104
04	P040506
07	P0708
07	C0709
09	P0910

Comments

01	Weights and volumes in this segment are: F0401-03 origin weight, F0404-06 destination weight, F0407-08 origin volume, and F0409-10 destination volume.

F05 - Allowance/Charge (Claim)

To report allowances or charges relative to a shipment against which a claim is made

TRANSACTION SETS USED IN

920

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	538	Charge/Allowance Qualifier	1	M	ID	2/2
02	610	Amount	1	M	N2	1/15
03	478	Credit/Debit Flag Code	1	M	ID	1/1

Comments

02 F0502 is the charge or allowance made for a loss or damage claim.

F07 - Auto Claim Detail

To itemize extent of automotive loss or damage

TRANSACTION SETS USED IN
924

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M	N0	1/9
02	380	Quantity	1	O	R	1/15
03	234	Product/Service ID	1	X	AN	1/80
04	557	Part Name	1	X	AN	3/16
05	610	Amount	1	X/Z	N2	1/15
06	556	Damage Area Code	1	M	ID	2/2
07	540	Damage Type Code	1	M	ID	2/2
08	541	Damage Severity Code	1	M	ID	1/1
09	555	Labor Operation Identifier	1	O	AN	5/6
10	369	Free-form Description	1	O/Z	AN	1/45
11	542	Labor Hours	1	X/Z	N1	1/4
12	542	Labor Hours	1	X/Z	N1	1/4
13	550	Total Labor Cost	1	X	N2	3/8
14	551	Total Miscellaneous Costs	1	O	N2	2/15
15	552	Total Repair Cost	1	M	N2	3/15
16	553	Authorization Identification	1	O	AN	1/4
17	831	Inspection Location Type Code	1	O	ID	1/2
18	556	Damage Area Code	1	O	ID	2/2
19	540	Damage Type Code	1	O	ID	2/2
20	541	Damage Severity Code	1	O	ID	1/1
21	548	Decline/Amend Reason Code	1	O	ID	3/3
22	538	Charge/Allowance Qualifier	1	O	ID	2/2

Syntax Notes

02	C02030405
11	L111213
13	L131112

Semantic Notes

05	F0705 is the amount claimed per unit.
10	F0710 contains the labor operation description.
11	F0711 refers to labor for the operation identified in F0709.
12	F0712 refers to labor not associated with F0709.

Comments

00	If a part was replaced, a part number is required.
06	F0706 through F0708 refer to claimed damage detail.

18 F0718 through F0720 refer to inspection damage detail.

F09 - Detail - Supporting Evidence for Claim

To specify the extent of damage and the amount claimed for damaged goods

TRANSACTION SETS USED IN

920

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M	R	1/15
02	355	Unit or Basis for Measurement Code	1	M	ID	2/2
03	536	Nature of Claim Code	1	M	ID	2/2
04	610	Amount	1	M/Z	N2	1/15
05	610	Amount	1	M/Z	N2	1/15
06	352	Description	1	O	AN	1/80
07	79	Lading Description	1	O	AN	1/50
08	128	Reference Identification Qualifier	1	X	ID	2/3
09	127	Reference Identification	1	X	AN	1/80
10	128	Reference Identification Qualifier	1	X	ID	2/3
11	127	Reference Identification	1	X	AN	1/80
12	213	Lading Line Item Number	1	O	N0	1/6

Syntax Notes

08 P0809

10 P1011

Semantic Notes

04 F0904 contains the amount claimed per unit.

05 F0905 contains the amount claimed for a claim line item.

F10 - Identification of Claim (Tracer)

To identify a loss or damage claim

TRANSACTION SETS USED IN

925

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M/Z	DT	8/8
02	127	Reference Identification	1	M/Z	AN	1/80
03	127	Reference Identification	1	X	AN	1/80
04	128	Reference Identification Qualifier	1	X	ID	2/3

Syntax Notes

03 P0304

Semantic Notes

01 F1001 contains the date of claim.

02 F1002 contains the claimant claim number.

F11 - Status

To identify a loss or damage claim and to indicate its status

TRANSACTION SETS USED IN

926

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M/Z	DT	8/8
02	127	Reference Identification	1	M/Z	AN	1/80
03	127	Reference Identification	1	X	AN	1/80
04	610	Amount	1	X/Z	N2	1/15
05	610	Amount	1	O/Z	N2	1/15
06	546	Status Code	1	M	ID	2/2
07	373	Date	1	M/Z	DT	8/8
08	548	Decline/Amend Reason Code	1	O	ID	3/3
09	100	Currency Code	1	X	ID	3/3
10	128	Reference Identification Qualifier	1	X	ID	2/3

Syntax Notes

03 P0310
04 P0409
05 C0504

Semantic Notes

01 F1101 contains the date of the claim.
02 Reference numbers in this segment are F1102 claimant's claim number, and F1103 carrier's claim number.
04 F1104 is the claim amount specified in the currency of the country where the carrier to whom the claim is made is located.
05 F1105 is required when F1106 indicates a payment, which is shown with codes "PF" or "PP".
07 F1107 contains the date of status report.

Comments

08 F1108 is required when F1106 indicates that the claim was declined or amended.
09 F1109 is the currency for which the claim amount is specified.

F12 - Basic Claim Information - Automotive

To provide information for automotive claims

TRANSACTION SETS USED IN

924

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	127	Reference Identification	1	M/Z	AN	1/80
03	373	Date	1	M/Z	DT	8/8
04	475	Credit/Debit Adjustment Number	1	M	AN	1/22
05	373	Date	1	M/Z	DT	8/8
06	543	Labor Rate	1	M/Z	N2	3/6
07	543	Labor Rate	1	M/Z	N2	3/6
08	927	Damage Code Qualifier	1	O	ID	1/1

Semantic Notes

01 F1201 is used for dealer's repair order number.
02 F1202 is used for dealer's document number.
03 F1203 is used for repair order date.
05 F1205 contains the debit/credit memo date.
06 F1206 is used for body repair rate.
07 F1207 is used for chassis repair rate.

Comments

04 F1204 and F1205 will be used if sublet services are reported.

F13 - Payment Information

To transmit check number and amount information associated with a remittance

TRANSACTION SETS USED IN

124 926

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	429	Check Number	1	M	AN	1/16
02	373	Date	1	M/Z	DT	8/8
03	610	Amount	1	M/Z	N2	1/15
04	442	MICR Number	1	O	AN	16/16
05	373	Date	1	O/Z	DT	8/8
06	100	Currency Code	1	M	ID	3/3

Semantic Notes

02 F1302 contains the date of the check.

03 F1303 contains the check amount.

05 F1305 is used for redemption date.

Comments

06 F1306 is the currency for which amount is specified.

F14 - Line Item Reject

To identify the specific reasons why individual line items of a claim or part of a claim are rejected

TRANSACTION SETS USED IN

926

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M/Z	N0	1/9
02	548	Decline/Amend Reason Code	1	M	ID	3/3

Semantic Notes

01 F1401 refers to a line entry on a freight loss/damage claim.

F6X - Identification (Automotive)

To identify automotive vehicles in a loss or damage claim

TRANSACTION SETS USED IN

924

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	539	Vehicle Identification Number	1	M	AN	1/30
02	833	Automotive Manufacturers Code	1	M	ID	2/2
03	838	Dealer Code	1	M	AN	2/9
04	66	Identification Code Qualifier	1	M	ID	1/2
05	67	Identification Code	1	M	AN	2/80
06	76	Invoice Number	1	M	AN	1/22
07	373	Date	1	O/Z	DT	8/8
08	373	Date	1	O/Z	DT	8/8

Semantic Notes

07 F6X07 contains the factory shipment date.

08 F6X08 contains the delivery to dealer date.

Comments

04 F6X04 and F6X05 are used to identify the origin of the final transportation segment when delivering to dealer.

F9 - Origin Station

To identify the rail origin of the shipment

TRANSACTION SETS USED IN

104 404 410 417 421 422 423 424 425 426 455 456 470 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	573	Freight Station Accounting Code	1	O	ID	1/5
02	19	City Name	1	M/Z	AN	2/30
03	156	State or Province Code	1	M	ID	2/2
04	26	Country Code	1	O/Z	ID	2/3
05	573	Freight Station Accounting Code	1	O/Z	ID	1/5
06	19	City Name	1	X	AN	2/30
07	156	State or Province Code	1	X	ID	2/2
08	154	Standard Point Location Code	1	O/Z	ID	6/9
09	116	Postal Code	1	O/Z	ID	3/15
10	154	Standard Point Location Code	1	O/Z	ID	6/9
11	116	Postal Code	1	O/Z	ID	3/15
12	26	Country Code	1	O/Z	ID	2/3

Syntax Notes

06 P0607

Semantic Notes

02 F902 is the origin station for movement.
04 F904 is the country code for the city named in the F902.
05 F905 is the freight station accounting code of the origin junction settlement carrier.
08 F908 is the Standard Point Location Code (SPLC) for the city named in the F902.
09 F909 is the postal code for the city named in the F902.
10 F910 is the Standard Point Location Code (SPLC) for the city named in the F906.
11 F911 is the postal code for the city named in the F906.
12 F912 is the country code for the city named in the F906.

Comments

05 F905 is the freight station accounting code of the city named in F906.

FA1 - Type of Financial Accounting Data

To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

TRANSACTION SETS USED IN

180 511 517 527 561 568 810 811 812 814 820 821 842 850 857 858 860 861 867 869 940 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	559	Agency Qualifier Code	1	M/Z	ID	2/2
02	1300	Service, Promotion, Allowance, or Charge Code	1	O/Z	ID	4/4
03	248	Allowance or Charge Indicator Code	1	O	ID	1/1

Semantic Notes

01 FA101 Identifies the organization controlling the assignment of financial accounting information.

02 FA102 Identifies the purpose of the accounting allowance or charge information.

FA2 - Accounting Data

To specify the detailed accounting data

TRANSACTION SETS USED IN

180 511 517 527 561 568 810 811 812 814 820 821 842 850 857 858 860 861 867 869 940 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1196	Breakdown Structure Detail Code	1	M	ID	2/2
02	1195	Financial Information Code	1	M	AN	1/80

FAA - Financial Asset Account

To provide duration, amount and associated information on financial assets

TRANSACTION SETS USED IN
198 201 833

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	569	Account Number Qualifier	1	M/Z	ID	1/3
02	508	Account Number	1	O	AN	1/35
03	373	Date	1	O/Z	DT	8/8
04	782	Monetary Amount	1	O/Z	R	1/18
05	1187	Type of Account Code	1	O/Z	ID	2/2
06	782	Monetary Amount	1	O/Z	R	1/18
07	C001	Composite Unit of Measure	1	X/Z		
08	380	Quantity	1	X/Z	R	1/15
09	374	Date/Time Qualifier	1	O	ID	3/3
10	1250	Date Time Period Format Qualifier	1	X	ID	2/3
11	1251	Date Time Period	1	X	AN	1/35
12	128	Reference Identification Qualifier	1	X/Z	ID	2/3
13	127	Reference Identification	1	X	AN	1/80
14	127	Reference Identification	1	O	AN	1/80
15	875	Maintenance Type Code	1	O/Z	ID	3/3

Syntax Notes

07	P0708
09	C0911
10	P1011
12	P1213

Semantic Notes

01	FAA01 defines the type of financial asset or account.
03	FAA03 defines the date a financial asset account was opened.
04	FAA04 defines the current balance amount or valuation.
05	FAA05 defines the type of account ownership.
06	FAA06 defines the average balance or value of an asset or account.
07	FAA07 defines the time period used in FAA08.
08	FAA08 defines the number of time periods used to figure the average balance.
12	FAA12 defines asset identification type.
15	FAA15 defines the type of verification to be obtained for a financial asset account.

FAC - Facing Direction

To identify the direction the equipment is facing

TRANSACTION SETS USED IN

161

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	206	Equipment Initial	1	M	AN	1/4
02	207	Equipment Number	1	M	AN	1/15
03	40	Equipment Description Code	1	O	ID	2/2
04	1273	Direction Facing Code	1	O	ID	1/1
05	578	Equipment Status Code	1	O	ID	1/2
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

06 FAC06 indicates whether the car is manned or unmanned. A "Y" indicates the car is manned; an "N" indicates the car is unmanned.

FBB - Foreign and Industry Business

To specify amount or percentage of foreign and/or industry business by the trading partner

TRANSACTION SETS USED IN

838

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	26	Country Code	1	M	ID	2/3
02	782	Monetary Amount	1	X	R	1/18
03	954	Percentage as Decimal	1	X	R	1/10
04	66	Identification Code Qualifier	1	X	ID	1/2
05	67	Identification Code	1	X	AN	2/80
06	782	Monetary Amount	1	X	R	1/18
07	954	Percentage as Decimal	1	X	R	1/10

Syntax Notes

02	R0203
04	L040607
04	P0405

Comments

01	FBB01 through FBB03 indicate the total amount of business; FBB04 through FBB07 indicate some portion of that total amount.
04	A specific industry location can be identified in FBB04 and FBB05.

FC - Financial Contribution

To specify the financial contribution information

TRANSACTION SETS USED IN

148 834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1224	Contribution Code	1	M	ID	2/2
02	954	Percentage as Decimal	1	O/Z	R	1/10
03	782	Monetary Amount	1	O/Z	R	1/18
04	1470	Number	1	O/Z	N0	1/9
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

02 FC02 is the percent of salary an employee elects to contribute.

03 FC03 is the dollar amount of the contribution.

04 FC04 is the number of payments per year.

05 FC05 is the billing indicator. A "Y" value indicates that the participant is billed for this type of money; an "N" value indicates that the participant is not billed for this type of money.

FCL - Foreclosure

To specify legal outcome and impact of foreclosure on a lender's claim for mortgage insurance benefits

TRANSACTION SETS USED IN

260

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	605	Deficiency Judgment Code	1	O/Z	ID	1/2
02	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
03	522	Amount Qualifier Code	1	X/Z	ID	1/3
04	782	Monetary Amount	1	X	R	1/18
05	426	Adjustment Reason Code	1	O/Z	ID	2/2

Syntax Notes

03	P0304

Semantic Notes

01	FCL01 indicates whether mortgagee obtained a deficiency judgment against mortgagor.
02	FCL02 indicates whether mortgagee's bid for real estate property was successful. A "Y" indicates that it was; an "N" indicates that it was not.
03	FCL03 and FCL04 indicate the authorized bid amount.
05	FCL05 indicates factors that will cause an adjustment to mortgagee's claim, for example, the sale of the mortgaged real estate property.

FDA - Facility Description

To specify facility description and ownership rights in regard to facility

TRANSACTION SETS USED IN

155

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1078	Property Ownership Rights Code	1	X	ID	1/1
02	352	Description	1	X/Z	AN	1/80
03	1074	Type of Real Estate Asset Code	1	X	ID	2/2
04	1073	Yes/No Condition or Response Code	1	X/Z	ID	1/1
05	380	Quantity	1	X/Z	R	1/15
06	61	Free-form Information	1	O/Z	AN	1/30
07	1429	Construction Type Code	1	X/Z	ID	1/2
08	1429	Construction Type Code	1	O/Z	ID	1/2
09	352	Description	1	O/Z	AN	1/80

Syntax Notes

01	R0102
04	C0403
04	E0405
05	C0503
08	C0807

Semantic Notes

02	FDA02 provides a free-form description of the ownership and the property.
04	FDA04 specifies whether the asset type in FDA03 is plural, singular, or unknown. A "Y" indicates the asset type is plural; an "N" indicates there is only one; and a "U" indicates the quantity is unknown.
05	FDA05 specifies an exact quantity relating to the asset type in FDA03.
06	FDA06 provides free-form information relating to the building floor.
07	FDA07 specifies the primary construction material.
08	FDA08 specifies the secondary construction material.
09	FDA09 provides a free-form description of the construction material.

FGS - Form Group

To provide information for a section or data group in a form or schedule

TRANSACTION SETS USED IN

149 150 151 176 197 199 813 826

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	M/Z	AN	1/20
02	128	Reference Identification Qualifier	1	X/Z	ID	2/3
03	127	Reference Identification	1	X	AN	1/80

Syntax Notes

02 P0203

Semantic Notes

01 FGS01 defines the type of section or data group.

02 FGS02 and FGS03 uniquely identify the section or data group.

FH - Family History

To report information about a person's family health history

TRANSACTION SETS USED IN

186 267

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1069	Individual Relationship Code	1	M	ID	2/2
02	673	Quantity Qualifier	1	X	ID	2/2
03	380	Quantity	1	X	R	1/15
04	1213	Current Health Condition Code	1	O	ID	1/1

Syntax Notes

02 P0203

FIR - Financial Information

To specify the details of financial information transactions

TRANSACTION SETS USED IN

821

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	M	ID	1/3
02	1271	Industry Code	1	M	AN	1/30
03	782	Monetary Amount	1	M/Z	R	1/18
04	373	Date	1	O/Z	DT	8/8
05	337	Time	1	X	TM	4/8
06	623	Time Code	1	O	ID	2/2
07	380	Quantity	1	O/Z	R	1/15
08	380	Quantity	1	O/Z	R	1/15
09	478	Credit/Debit Flag Code	1	O	ID	1/1
10	1197	Financial Transaction Status Code	1	O	ID	1/2
11	100	Currency Code	1	X	ID	3/3
12	782	Monetary Amount	1	O	R	1/18

Syntax Notes

06 C0605

12 C1211

Semantic Notes

03 FIR03 is the amount of the transaction.

04 FIR04 is the posted date. (Posted is a financial term that describes when the funds are booked.)

07 FIR07 is the summary number of financial transactions identified in FIR02.

08 FIR08 is the total count of detail items (e.g., number of checks) for the financial transactions summarized in FIR07.

Comments

11 FIR11 and FIR12 are used when the entry upon which the transaction is based is of a different currency than that of the account (e.g., if a $100 U.S. check was drawn on a Canadian dollar account, FIR03 would contain the amount of the Canadian dollar debit to the account, FIR11 would be USD, and FIR12 would be the original transaction amount ($100)).

FIS - Mortgage Loan Fiscal Data

To specify mortgage loan fiscal data when applying for insurance claim benefits

TRANSACTION SETS USED IN

259 260

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	522	Amount Qualifier Code	1	M/Z	ID	1/3
02	782	Monetary Amount	1	O/Z	R	1/18
03	782	Monetary Amount	1	O/Z	R	1/18
04	782	Monetary Amount	1	O/Z	R	1/18

Semantic Notes

01 FIS01 contains codes naming fiscal data items related to a claim for mortgage insurance benefits.

02 FIS02 contains a credit monetary amount described by FIS01.

03 FIS03 contains a debit monetary amount described by FIS01.

04 FIS04 contains an interest monetary amount described by FIS01.

FK - Factor

To explain the route and indicate individual carrier divisions or factors

TRANSACTION SETS USED IN
460 485 853

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	91	Transportation Method/Type Code	1	M	ID	1/2
03	156	State or Province Code	1	X	ID	2/2
04	19	City Name	1	X/Z	AN	2/30
05	638	Rule 260 Junction Code	1	X	ID	1/5
06	694	Percentage Division	1	O	N2	1/5
07	634	Factor Amount	1	O	R	1/15
08	634	Factor Amount	1	O	R	1/15
09	634	Factor Amount	1	O	R	1/15
10	634	Factor Amount	1	O	R	1/15
11	634	Factor Amount	1	O	R	1/15
12	634	Factor Amount	1	O	R	1/15
13	634	Factor Amount	1	O	R	1/15
14	634	Factor Amount	1	O	R	1/15

Syntax Notes

03 P0304
03 E0305

Semantic Notes

01 FK01 is the factor carrier Standard Carrier Alpha Code (SCAC).
04 FK04 is the interline station or city name at which carriers interchange shipments.

Comments

05 FK05 is the Association of American Railroads Rule 260 off-Junction.

FNA - Financial Status Information

To provide financial status information about an applicant for a student loan

TRANSACTION SETS USED IN
135

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
03	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
04	1267	Dependency Status Code	1	O	ID	1/1
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

01 FNA01 indicates if the applicant has a prior student loan. A "Y" indicates yes; an "N" indicates no.

02 FNA02 indicates if applicant ever defaulted on a prior student loan. A "Y" indicates yes; an "N" indicates no.

03 FNA03 indicates if there is a current outstanding student loan balance. A "Y" indicates yes; an "N" indicates no.

05 FNA05 indicates if the applicant is eligible for a supplemental loan. A "Y" indicates yes; an "N" indicates no.

06 FNA06 indicates if the applicant has previously applied for a scholarship. A "Y" indicates yes; an "N" indicates no.

FOB - F.O.B. Related Instructions

To specify transportation instructions relating to shipment

TRANSACTION SETS USED IN

104 250 503 754 810 812 830 832 836 838 840 843 850 852 855 856 857 859 860 861 862 865 866

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	146	Shipment Method of Payment Code	1	M/Z	ID	2/2
02	309	Location Qualifier	1	X/Z	ID	1/2
03	352	Description	1	O	AN	1/80
04	334	Transportation Terms Qualifier Code	1	O	ID	2/2
05	335	Transportation Terms Code	1	X	ID	3/3
06	309	Location Qualifier	1	X/Z	ID	1/2
07	352	Description	1	O	AN	1/80
08	54	Risk of Loss Code	1	O/Z	ID	2/2
09	352	Description	1	X	AN	1/80

Syntax Notes

03	C0302
04	C0405
07	C0706
08	C0809

Semantic Notes

01	FOB01 indicates which party will pay the carrier.
02	FOB02 is the code specifying transportation responsibility location.
06	FOB06 is the code specifying the title passage location.
08	FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

FOS - Field of Study

To provide information about a course or field of study associated with an academic program

TRANSACTION SETS USED IN
130 132 133 138 189 190 194

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1153	Academic Field of Study Level or Type Code	1	M	ID	1/1
02	66	Identification Code Qualifier	1	X/Z	ID	1/2
03	67	Identification Code	1	X	AN	2/80
04	352	Description	1	X	AN	1/80
05	352	Description	1	O	AN	1/80
06	380	Quantity	1	O/Z	R	1/15
07	380	Quantity	1	O/Z	R	1/15

Syntax Notes

02	P0203
02	R0204

Semantic Notes

02	FOS02 and FOS03 indicate the program of study.
06	FOS06 indicates the number of years or fractional parts of a year a course or field of study was studied.
07	FOS07 indicates grade point average in the course or field of study.

FPI - Farming and Processing Information

To specify methods and techniques used by a manufacturer or supplier on the product or raw materials

TRANSACTION SETS USED IN
832

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1865	Growing Method	1	M	ID	3/3
02	1866	Growing Medium	1	O	ID	3/3
03	1867	Growing Light Condition	1	O	ID	3/3
04	739	Measurement Value	1	O/Z	R	1/20
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	1868	Flowering Trigger	1	O	ID	3/3
11	1869	Drying Method	1	X	ID	3/3
12	C079	Composite Multiple Language Extended Text Information	1	X/Z		
13	C079	Composite Multiple Language Extended Text Information	1	O/Z		

Syntax Notes

11	E1112

Semantic Notes

04	Specifies the growth cycle, estimated number of weeks a seed takes from germination to vegetation.
05	Indicates whether trimming flower, buds, or leaves was done using trimming machine after the plant is dried (dry machine).
06	Indicates whether trimming flower, buds, or leaves was done using trimming machine before plant is dried (wet machine).
07	Indicates whether trimming flower, buds, or leaves was done by hand before plant is dried (Wet hand).
08	Indicates whether trimming flower, buds, or leaves was done by hand after the plant is dried (dry hand).
09	Indicates whether seeds were feminized while harvesting.
12	Specify other drying method.
13	Specify the curing method, a process that involves aging and drying harvested plant material, meat or fish.

FPT - Financial Participation

Defines nature of participation in financial account

TRANSACTION SETS USED IN

197 265 833

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1187	Type of Account Code	1	M/Z	ID	2/2
02	954	Percentage as Decimal	1	O/Z	R	1/10

Semantic Notes

01 FPT01 describes nature of ownership in financial account.

02 FPT02 defines pro rata participation in financial account.

FQR - Forecast Parameters

To specify parameters pertaining to forecast accuracy measurements.

TRANSACTION SETS USED IN

892

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1779	Forecast Purpose Code	1	M	ID	2/2
02	1780	Forecast Type Code	1	M	ID	2/2
03	380	Quantity	1	M/Z	R	1/15
04	355	Unit or Basis for Measurement Code	1	O/Z	ID	2/2

Semantic Notes

03 FQR03 is the forecast lag value.

04 FQR04 specifies the forecast lag value unit of measure.

FRM - Supporting Documentation

To specify information in response to a codified questionnaire document

TRANSACTION SETS USED IN
837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	M/Z	AN	1/20
02	1073	Yes/No Condition or Response Code	1	X/Z	ID	1/1
03	127	Reference Identification	1	X	AN	1/80
04	373	Date	1	X	DT	8/8
05	332	Percent, Decimal Format	1	X	R	1/6

Syntax Notes

02 R02030405

Semantic Notes

01 FRM01 is the question number on a questionnaire or codified form.

02 FRM02, FRM03, FRM04 and FRM05 are responses which only have meaning in reference to the question identified in FRM01.

Comments

00 The FRM segment can only be used in the context of an identified questionnaire or list of questions. The source of the questions can be identified by an associated segment or by transaction set notes in a particular transaction.

FSA - Tax Advantage Account

To report Health Insurance Tax Advantage Account information

TRANSACTION SETS USED IN
834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	875	Maintenance Type Code	1	M	ID	3/3
02	1202	Flexible Spending Account Selection Code	1	O	ID	1/1
03	1203	Maintenance Reason Code	1	O	ID	2/3
04	C062	Tax Advantage Account Information	1	O/Z		
05	594	Frequency Code	1	O/Z	ID	1/1
06	1204	Plan Coverage Description	1	O	AN	1/50
07	1161	Product Option Code	1	O	ID	1/2
08	1161	Product Option Code	1	O	ID	1/2
09	1161	Product Option Code	1	O	ID	1/2

Semantic Notes

04 FSA04 is the Tax Advantage Account Information.

05 FSA05 specifies the frequency of contribution.

FSH - Fish, Seafood, and Marine Life Product Information

To specify fish, seafood, and marine life category and product information

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1846	Fish, Seafood, and Marine Life Source	1	M	ID	3/3
02	C079	Composite Multiple Language Extended Text Information	1	M/Z		
03	1847	Salt and Moisture Content	1	X	ID	3/3
04	739	Measurement Value	1	X/Z	R	1/20
05	1848	Fish Size Code Designation	1	O	ID	3/3
06	1855	Fish Class and Grade	1	O	ID	3/3
07	1849	Product Packed In	1	O	ID	3/3
08	1850	Made From	1	O	ID	3/3

Syntax Notes

04 C0403

Semantic Notes

02 Specify fish, seafood, and marine life name or the name of surimi, product resembling the real product. Examples: lobster, crab, shellfish, etc.

04 Specify fish moisture content percentage.

FST - Forecast Schedule

To specify the forecasted dates and quantities

TRANSACTION SETS USED IN

830 840 843 862

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M	R	1/15
02	680	Forecast Qualifier	1	M	ID	1/1
03	681	Timing Qualifier	1	M/Z	ID	1/1
04	373	Date	1	M	DT	8/8
05	373	Date	1	O	DT	8/8
06	374	Date/Time Qualifier	1	X	ID	3/3
07	337	Time	1	X	TM	4/8
08	128	Reference Identification Qualifier	1	X	ID	2/3
09	127	Reference Identification	1	X	AN	1/80
10	783	Planning Schedule Type Code	1	O	ID	2/2
11	673	Quantity Qualifier	1	O/Z	ID	2/2
12	426	Adjustment Reason Code	1	X	ID	2/2
13	352	Description	1	O/Z	AN	1/80

Syntax Notes

06	P0607
08	P0809
13	C1312

Semantic Notes

03	If FST03 equals "F" (indicating flexible interval), then FST04 and FST05 are required. FST04 would be used for the start date of the flexible interval and FST05 would be used for the end date of the flexible interval.
03	If FST03 equals "B" (indicating shipping/delivery), then FST04 and FST05 are required. The FST04 will represent the shipping date, and the FST05 will represent the delivery date.
11	FST11 is used to qualify further the forecast quantity in FST01.
13	FST13 is used to clarify further the adjustment reason specified in FST12.

Comments

02	As qualified by FST02 and FST03, FST04 represents either a discrete forecast date, the first date of a forecasted bucket (weekly, monthly, quarterly, etc.) or the start date of a flexible interval.
06	FST06 qualifies the time in FST07. The purpose of the FST07 element is to express the specific time of day in a 24-hour clock to satisfy "just-in-time" requirements. As an alternative, the ship/delivery pattern segment (SDP) may be used to define an approximate time, such as a.m. or p.m.
11	FST11, FST12 and FST13 may be used only when FST02 contains code D (Planning).

FTH - First Time Home Buyer

To capture the first time home buyer information found in section of the Loan Application

TRANSACTION SETS USED IN

201

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
03	1070	Type of Residence Code	1	O	ID	1/1
04	1187	Type of Account Code	1	O	ID	2/2

Semantic Notes

01 If FTH01 is "Y" then FTH02 is required. FTH01 indicates whether the property being purchased will be the mortgagor's primary residence. A "Y" indicates that it will be the primary residence; an "N" indicates that it will not be the primary residence.

02 If FTH02 is "Y", then FTH03 and FTH04 are required. FTH02 indicates whether the mortgagor has had ownership interests in a property within the last 3 years. A "Y" indicates that there has been an ownership interest; an "N" indicates there has not been an ownership interest.

FU1 - Bracket Information

To provide product and bracket information

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	417	Price Bracket Identifier	1	M	AN	1/3
02	740	Range Minimum	1	M	R	1/20
03	741	Range Maximum	1	O	R	1/20
04	350	Assigned Identification	1	O	AN	1/20
05	369	Free-form Description	1	O/Z	AN	1/45
06	187	Weight Qualifier	1	O	ID	1/2
07	355	Unit or Basis for Measurement Code	1	O	ID	2/2
08	1321	Condition Indicator Code	1	O/Z	ID	2/3

Semantic Notes

05 FU105 is a description of the price bracket.

08 FU108 indicates if a price bracket pertains to volume changes.

FU2 - Deal Value

To provide price or rate values pertaining to a product bracket

TRANSACTION SETS USED IN
890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	355	Unit or Basis for Measurement Code	1	M	ID	2/2
02	380	Quantity	1	X	R	1/15
03	782	Monetary Amount	1	X	R	1/18
04	352	Description	1	O/Z	AN	1/80
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	335	Transportation Terms Code	1	X	ID	3/3
08	309	Location Qualifier	1	X	ID	1/2
09	66	Identification Code Qualifier	1	X	ID	1/2
10	67	Identification Code	1	X	AN	2/80
11	352	Description	1	X/Z	AN	1/80

Syntax Notes

02	R0203
02	E0203
07	P0708
07	L070911
09	P0910

Semantic Notes

04	FU204 provides information about the deal.
05	FU205 indicates if equipment is included in the deal. A "Y" value indicates that the deal does include equipment; an "N" value indicates that the deal does not include equipment.
06	FU206 indicates if service is included in the deal. A "Y" value indicates that the deal does include services; an "N" value indicates that the deal does not include services.
11	FU211 is the free-form name of the location relevant to FOB.

FU3 - Product Detail

To provide detailed product information

TRANSACTION SETS USED IN
890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1766	Product Name	1	M	AN	1/60
02	355	Unit or Basis for Measurement Code	1	O	ID	2/2
03	1767	Brand Name	1	O	AN	1/60
04	98	Entity Identifier Code	1	X	ID	2/3
05	93	Name	1	X	AN	1/60
06	1768	Product Label	1	O	AN	1/60
07	352	Description	1	O/Z	AN	1/80
08	187	Weight Qualifier	1	X	ID	1/2
09	188	Weight Unit Code	1	X	ID	1/1
10	395	Unit Weight	1	X	R	1/8
11	355	Unit or Basis for Measurement Code	1	X	ID	2/2
12	65	Height	1	X	R	1/8
13	355	Unit or Basis for Measurement Code	1	X	ID	2/2
14	189	Width	1	X	R	1/8
15	355	Unit or Basis for Measurement Code	1	X	ID	2/2
16	677	Item Depth	1	X	R	1/6
17	355	Unit or Basis for Measurement Code	1	X	ID	2/2
18	183	Volume	1	X	R	1/8

Syntax Notes

04	P0405
08	P080910
11	P1112
13	P1314
15	P1516
17	P1718

Semantic Notes

07	FU307 is the product description.

FU4 - Product Pack Detail

To describe the inner packs of a product

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	235	Product/Service ID Qualifier	1	X	ID	2/2
02	234	Product/Service ID	1	X	AN	1/80
03	356	Pack	1	O	N0	1/6
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	357	Size	1	X	R	1/8
06	810	Inner Pack	1	O	N0	1/6
07	352	Description	1	O/Z	AN	1/80

Syntax Notes

01	P0102
04	P0405

Semantic Notes

07	FU407 provides information about the pack.

FU5 - Co-Product Information

To identify co-product and linked products

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1770	Co-Product Type Code	1	M	ID	2/2
02	1766	Product Name	1	M	AN	1/60
03	235	Product/Service ID Qualifier	1	X	ID	2/2
04	234	Product/Service ID	1	X	AN	1/80
05	235	Product/Service ID Qualifier	1	X	ID	2/2
06	234	Product/Service ID	1	X	AN	1/80
07	235	Product/Service ID Qualifier	1	X	ID	2/2
08	234	Product/Service ID	1	X	AN	1/80
09	1767	Brand Name	1	O	AN	1/60
10	1768	Product Label	1	O	AN	1/60
11	352	Description	1	O/Z	AN	1/80
12	98	Entity Identifier Code	1	X	ID	2/3
13	93	Name	1	X	AN	1/60

Syntax Notes

03	P0304
05	P0506
07	P0708
12	P1213

Semantic Notes

11	FU511 provides information about the co-product.

FX2 - Product Classification

To provide information about a product classification relevant to a program

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	23	Commodity Code Qualifier	1	M	ID	1/2
03	22	Commodity Code	1	X	AN	1/30
04	352	Description	1	X/Z	AN	1/80
05	352	Description	1	O/Z	AN	1/80

Syntax Notes

03 R0304

Semantic Notes

01 FX201 indicates if the product class is included or excluded. A 'Y' indicates that the product class is included. An 'N' indicates that the product class is excluded.

04 FX204 is the product classification name.

05 FX205 is a text description of the product class.

FX3 - Product Information

To provide information relevant to a product

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	235	Product/Service ID Qualifier	1	X	ID	2/2
03	234	Product/Service ID	1	X	AN	1/80
04	235	Product/Service ID Qualifier	1	X	ID	2/2
05	234	Product/Service ID	1	X	AN	1/80
06	235	Product/Service ID Qualifier	1	X	ID	2/2
07	234	Product/Service ID	1	X	AN	1/80
08	350	Assigned Identification	1	O	AN	1/20
09	352	Description	1	O/Z	AN	1/80
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
11	1321	Condition Indicator Code	1	O/Z	ID	2/3

Syntax Notes

02	P0203
04	P0405
06	P0607

Semantic Notes

01	FX301 indicates if the product is included or excluded. A 'Y' indicates that the product is included. An 'N' indicates that the product is excluded.
09	FX309 is the product description.
10	FX310 indicates if this product is required for the program. A 'Y' indicates that the product is required. An 'N' indicates that the product is not required.
11	FX311 indicates if product substitution is allowed.

FX4 - Equipment Information

To provide details about equipment

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	1230	Type of Product Service Code	1	O	ID	2/4
03	235	Product/Service ID Qualifier	1	X	ID	2/2
04	234	Product/Service ID	1	X	AN	1/80
05	235	Product/Service ID Qualifier	1	X	ID	2/2
06	234	Product/Service ID	1	X	AN	1/80
07	352	Description	1	X/Z	AN	1/80

Syntax Notes

03	P0304
03	R0307
05	P0506

Semantic Notes

01	FX401 indicates if equipment is included or excluded from the program. A 'Y' indicates that the equipment is included in the program. An 'N' indicates that the equipment is not included in the program.
07	FX407 allows for a description of the equipment.

FX5 - Services Information

To identify a provided service

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	875	Maintenance Type Code	1	M	ID	3/3
03	235	Product/Service ID Qualifier	1	X	ID	2/2
04	234	Product/Service ID	1	X	AN	1/80
05	235	Product/Service ID Qualifier	1	X	ID	2/2
06	234	Product/Service ID	1	X	AN	1/80
07	352	Description	1	X/Z	AN	1/80

Syntax Notes

03	P0304
03	R0307
05	P0506

Semantic Notes

01	FX501 indicates if a service is included or excluded from the program. A 'Y' indicates that a service is included in the program. An 'N' indicates that a service is not included in the program.
07	FX507 is the service name or a description of the service.

FX6 - Brand Label

To identify brand labels

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	1767	Brand Name	1	X	AN	1/60
03	352	Description	1	X/Z	AN	1/80

Syntax Notes

02 R0203

Semantic Notes

01 FX601 indicates if the product brand is included or excluded. A 'Y' indicates that the brand is included. An 'N' indicates that the brand is excluded.

03 FX603 is the brand description.

FX7 - Pack and Size

To identify package and sizes

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	673	Quantity Qualifier	1	X	ID	2/2
03	380	Quantity	1	X	R	1/15
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	356	Pack	1	O	N0	1/6
06	810	Inner Pack	1	O	N0	1/6
07	355	Unit or Basis for Measurement Code	1	X	ID	2/2
08	357	Size	1	X	R	1/8
09	352	Description	1	O/Z	AN	1/80

Syntax Notes

02 P020304

07 P0708

Semantic Notes

01 FX701 indicates if a specified product's pack is included or excluded. A 'Y' indicates that the pack is included. An 'N' indicates that the pack is excluded.

09 FX709 contains information about the pack and size.

G01 - Invoice Identification

To transmit identifying dates and numbers for this transaction set

TRANSACTION SETS USED IN
880 881

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M/Z	DT	8/8
02	76	Invoice Number	1	M	AN	1/22
03	373	Date	1	O/Z	DT	8/8
04	324	Purchase Order Number	1	O	AN	1/22
05	424	Vendor Order Number	1	O	AN	1/22
06	474	Master Reference (Link) Number	1	X	AN	1/22
07	472	Link Sequence Number	1	X	N0	6/6
08	640	Transaction Type Code	1	O	ID	2/2

Syntax Notes

06 P0607

Semantic Notes

01 G0101 is the invoice issue date.
03 G0103 is the date assigned by the purchaser to the purchase order.

G05 - Total Shipment Information

To provide totals relating to the shipment

TRANSACTION SETS USED IN

163 250 857

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	382	Number of Units Shipped	1	X	R	1/10
02	355	Unit or Basis for Measurement Code	1	X	ID	2/2
03	81	Weight	1	X	R	1/10
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	183	Volume	1	X	R	1/8
06	355	Unit or Basis for Measurement Code	1	X	ID	2/2
07	80	Lading Quantity	1	X	N0	1/7
08	355	Unit or Basis for Measurement Code	1	X	ID	2/2

Syntax Notes

01	P0102
01	R010305
03	P0304
05	P0506
07	P0708

G07 - Carrier Information

To identify carrier equipment and condition of shipment

TRANSACTION SETS USED IN

854

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	206	Equipment Initial	1	O	AN	1/4
02	207	Equipment Number	1	O	AN	1/15
03	225	Seal Number	1	O	AN	1/15
04	225	Seal Number	1	O	AN	1/15
05	407	Seal Status Code	1	O	ID	2/2
06	408	Temperature	1	O	R	1/4

Comments

06	G0706 is the temperature of shipment at receipt.

G08 - Pallet Receipt Disposition

To indicate quantity, condition, and disposition of pallets received

TRANSACTION SETS USED IN

944

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	409	Quantity of Pallets Received	1	O	N0	1/3
02	410	Quantity of Pallets Returned	1	O	N0	1/3
03	411	Quantity Contested	1	X	R	1/7
04	412	Receiving Condition Code	1	X	ID	2/2

Syntax Notes

03	P0304

G1 - Shipment Type Information

To specify the General Commodity (GC) code and any required special indicators for the shipment

TRANSACTION SETS USED IN

304 312 326

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	311	Shipment Type Code	1	M	ID	1/2
02	312	Special Indicator Code	1	O	ID	1/1
03	312	Special Indicator Code	1	O	ID	1/1

G11 - Coupon Reporting Specifications

To specify coupon reporting requirements

TRANSACTION SETS USED IN

887

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1178	Reporting Structure Identifier	1	M	AN	1/3
02	729	Category	1	M/Z	AN	1/6
03	729	Category	1	O	AN	1/6
04	729	Category	1	O	AN	1/6
05	729	Category	1	O	AN	1/6
06	729	Category	1	O	AN	1/6
07	128	Reference Identification Qualifier	1	X	ID	2/3
08	127	Reference Identification	1	X	AN	1/80
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	369	Free-form Description	1	O/Z	AN	1/45

Syntax Notes

07 P0708

Semantic Notes

02 G1102 through G1106 are mutually defined reporting categories.

09 When G1109 contains code N, the categories identified in G1102 through G1106 are to be excluded for reporting purposes.

10 G1110 describes categories in G1102 through G1106.

G12 - Coupon Physical Characteristics

To describe physical characteristics and placement of coupons

TRANSACTION SETS USED IN

887

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	82	Length	1	X	R	1/8
02	189	Width	1	X	R	1/8
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	380	Quantity	1	O/Z	R	1/15
05	422	Promotion Condition Code	1	O	ID	2/2
06	945	Position Code	1	X/Z	ID	2/2
07	945	Position Code	1	O/Z	ID	2/2

Syntax Notes

01	P010203
07	C0706

Semantic Notes

04	G1204 is the number of coupons per advertisement.
06	G1206 is the position of the coupon within the advertisement.
07	G1207 is the location of the coupon within the distribution medium.

G13 - Store Size Attributes

To indicate the type and size characteristics of a retail store

TRANSACTION SETS USED IN
885

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	687	Class of Trade Code	1	M	ID	2/2
02	380	Quantity	1	X/Z	R	1/15
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	1470	Number	1	O/Z	N0	1/9
05	782	Monetary Amount	1	X	R	1/18
06	522	Amount Qualifier Code	1	O	ID	1/3

Syntax Notes

02	P0203
06	C0605

Semantic Notes

02	G1302 is the size of the store in units defined in G1303, usually in square feet.
04	G1304 is the number of check-out lanes in the store.

G14 - Coupon Special Processing

To describe special processing associated with coupons

TRANSACTION SETS USED IN

887

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1300	Service, Promotion, Allowance, or Charge Code	1	M	ID	4/4
02	1300	Service, Promotion, Allowance, or Charge Code	1	O	ID	4/4

G15 - Coupon Distribution

To specify the number of coupons and method of circulation

TRANSACTION SETS USED IN

887

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M/Z	R	1/15
02	1113	Coupon Distribution Media Code	1	M	ID	2/2
03	1522	Coupon Type Code	1	O	ID	1/2
04	352	Description	1	O	AN	1/80

Semantic Notes

01 G1501 is the number of coupons circulated.

G17 - Item Detail - Invoice

To specify the basic and most frequently used line item data for the invoice and related transactions

TRANSACTION SETS USED IN

880

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	358	Quantity Invoiced	1	M	R	1/15
02	355	Unit or Basis for Measurement Code	1	M	ID	2/2
03	237	Item List Cost	1	X	R	1/9
04	1470	Number	1	O/Z	N0	1/9
05	235	Product/Service ID Qualifier	1	M	ID	2/2
06	234	Product/Service ID	1	M	AN	1/80
07	235	Product/Service ID Qualifier	1	X	ID	2/2
08	234	Product/Service ID	1	X	AN	1/80
09	417	Price Bracket Identifier	1	O	AN	1/3
10	382	Number of Units Shipped	1	X	R	1/10
11	355	Unit or Basis for Measurement Code	1	X	ID	2/2
12	439	Price List Number	1	O	AN	1/16
13	440	Price List Issue Number	1	O	AN	1/16
14	782	Monetary Amount	1	X/Z	R	1/18

Syntax Notes

03 R0314
07 P0708
10 P1011

Semantic Notes

04 G1704 is the Coupon Offer Number.
14 G1714 contains the cumulative monetary amount of unsaleable merchandise.

Comments

02 G1702 qualifies G1701.

G18 - Store Category Size

To identify the shelf size of a department or product category within a retail store

TRANSACTION SETS USED IN

885

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	98	Entity Identifier Code	1	X/Z	ID	2/3
02	1271	Industry Code	1	X/Z	AN	1/30
03	82	Length	1	X/Z	R	1/8
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2

Syntax Notes

01 E0102
03 P0304

Semantic Notes

01 G1801 identifies the store department.
02 G1802 is the product category code available from the Uniform Code Council (UCC).
03 G1803 is the linear length or running length of the department or product category.

G19 - Line Item Detail - Quantity/Unit of Measure/Price Differences

To specify details when differences exist between 1) Quantities ordered/quantities shipped 2) Units of measurement 3) Pricing 4) Coupons redeemed/validated

TRANSACTION SETS USED IN

880

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	382	Number of Units Shipped	1	X	R	1/10
02	355	Unit or Basis for Measurement Code	1	X	ID	2/2
03	383	Quantity Difference	1	X	R	1/9
04	368	Shipment/Order Status Code	1	X	ID	2/2
05	381	Price Reason Code	1	O	ID	1/1
06	445	Terms Exception Code	1	O	ID	2/2
07	438	U.P.C. Case Code	1	O	AN	12/12
08	235	Product/Service ID Qualifier	1	X	ID	2/2
09	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

01	P0102
03	P0304
08	P0809

Comments

04	When G1904 contains "IS", G1907, G1908, and G1909, refer to the original item ordered.

G2 - Beyond Routing

To specify routing of a beyond point

TRANSACTION SETS USED IN

304 311 312

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	312	Special Indicator Code	1	M	ID	1/1
02	352	Description	1	O/Z	AN	1/80

Semantic Notes

02 G202 is the free-form routing description of beyond point.

G20 - Item Packing Detail

To specify packing details of the items shipped

TRANSACTION SETS USED IN

325 879 880

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	356	Pack	1	O	N0	1/6
02	357	Size	1	X	R	1/8
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	81	Weight	1	X	R	1/10
05	355	Unit or Basis for Measurement Code	1	X	ID	2/2
06	183	Volume	1	X	R	1/8
07	355	Unit or Basis for Measurement Code	1	X	ID	2/2
08	397	Color	1	O	AN	1/10
09	810	Inner Pack	1	O	N0	1/6

Syntax Notes

02	P0203
04	P0405
06	P0607

G21 - Product Information

To specify authorize/de-authorize code and product information

TRANSACTION SETS USED IN

878

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	287	Authorize/ De-Authorize Code	1	M	ID	1/1
02	373	Date	1	M	DT	8/8
03	766	U.P.C./EAN Consumer Package Code	1	M	AN	12/12
04	438	U.P.C. Case Code	1	O	AN	12/12
05	356	Pack	1	O	N0	1/6
06	212	Unit Price	1	O	R	1/17
07	235	Product/Service ID Qualifier	1	X	ID	2/2
08	234	Product/Service ID	1	X	AN	1/80
09	810	Inner Pack	1	O	N0	1/6
10	1727	Item Distribution Code	1	O	ID	2/2

Syntax Notes

07 P0708

G22 - Pre-Pricing Information

To specify pre-pricing information

TRANSACTION SETS USED IN
878 879 888 889 894 895

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	288	Pre-priced Option Code	1	M/Z	ID	1/1
02	420	Price New, Suggested Retail	1	O	N2	2/7
03	289	Multiple Price Quantity	1	O	N0	1/2
04	3	Free-form Message	1	O	AN	1/60
05	373	Date	1	O/Z	DT	8/8

Semantic Notes

01 If G2201 equals "A", then G2202 and G2203 are required.
01 If G2201 equals "Y", then G2202 is required.
05 G2205 is the effective date of the price information.

Comments

01 If G2201 equals "Z" or G2201 equals "N", then neither G2202 nor G2203 are required.

G23 - Terms of Sale

To specify the terms of sale

TRANSACTION SETS USED IN
875 876 880 882 888 889 894 895

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	336	Terms Type Code	1	M	ID	2/2
02	333	Terms Basis Date Code	1	M	ID	1/2
03	282	Terms Start Date	1	O	DT	8/8
04	283	Terms Due Date Qualifier	1	O	ID	2/2
05	338	Terms Discount Percent	1	O	R	1/6
06	370	Terms Discount Due Date	1	O	DT	8/8
07	351	Terms Discount Days Due	1	O	N0	1/3
08	446	Terms Net Due Date	1	X	DT	8/8
09	386	Terms Net Days	1	X	N0	1/3
10	362	Terms Discount Amount	1	O	N2	1/10
11	391	Discounted Amount Due	1	O	N2	1/10
12	390	Amount Subject to Terms Discount	1	O	N2	1/10
13	343	Installment Total Invoice Amount Due	1	O	N2	1/10
14	342	Percent of Invoice Payable	1	O	R	1/5
15	3	Free-form Message	1	O	AN	1/60
16	713	Installment Group Indicator	1	O	N0	2/2

Syntax Notes

08 R0809

Comments

00 The G23 segment may be used for the detail or the total transaction set level. Refer to the transaction set assumptions for details on proper usage.

01 If G2301 equals "04" (deferred or installment) then either G2313 or G2314 is required and the data in the segment pertains only to the portion of the invoice described in G2313 or G2314. If G2301 equals "11" (elective) then G2304 is required. If G2301 is not equal to "05"' (discount not applicable) then (G2305 or G2310) and (G2306 or G2307) is required. If G2301 equals "ZZ" (other) then G2315 is required. Multiple use of this segment when G2301 equals "04" (deferred or installment) always implies an "AND" relationship. When G2301 equals "06" (mixed) or "11" (elective) an "OR" relationship is always implied.

10 G2310 is a memo figure requiring specific payment performance and therefore should not be negative.

16 When elective terms are offered in a deferred or installment situation, G2316 (Installment Group Indicator - DE 713) must be used to properly group the terms within each installment.

G24 - Promotion Reference

To reference a promotion number related to the price change

TRANSACTION SETS USED IN

888

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	341	Allowance or Charge Number	1	M	AN	1/16

G25 - F.O.B. Information

To transmit information pertaining to method of freight payment and transfer of title

TRANSACTION SETS USED IN

880 882

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	146	Shipment Method of Payment Code	1	M	ID	2/2
02	433	F.O.B. Point Code	1	M	ID	2/2
03	434	F.O.B. Point	1	O	AN	1/30

G26 - Pricing Conditions

To specify vendor's conditions related to price change

TRANSACTION SETS USED IN

832 879 888

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	290	Price Condition Code	1	M	ID	2/2
02	432	Date Qualifier	1	X	ID	2/2
03	373	Date	1	X	DT	8/8
04	292	Quantity Basis Code	1	X	ID	3/3
05	380	Quantity	1	X	R	1/15
06	355	Unit or Basis for Measurement Code	1	X	ID	2/2

Syntax Notes

02	P0203
04	P040506

G28 - Line Item Numbers

To provide basic product identification information

TRANSACTION SETS USED IN
877 879 886 887

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	438	U.P.C. Case Code	1	X	AN	12/12
02	766	U.P.C./EAN Consumer Package Code	1	X	AN	12/12
03	235	Product/Service ID Qualifier	1	X	ID	2/2
04	234	Product/Service ID	1	X	AN	1/80
05	235	Product/Service ID Qualifier	1	X	ID	2/2
06	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

01	R010203
03	P0304
05	P0506

G29 - Store Display Information

To specify product display information for a retail store

TRANSACTION SETS USED IN
885 886

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1520	Display Type Code	1	M	ID	1/2
02	380	Quantity	1	X/Z	R	1/15
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2

Syntax Notes

02 P0203

Semantic Notes

02 G2902 is the number of displays or quantity of product displayed for the type specified in G2901.

G3 - Compensation Information

To convey brokerage, freight forwarder compensation, and other compensation information related to shipments

TRANSACTION SETS USED IN

304 310

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	315	Compensation Paid	1	O	R	2/5
02	317	Total Compensation Amount	1	M	N0	3/10
03	93	Name	1	O	AN	1/60
04	201	Business Transaction Status Code	1	O	ID	1/3
05	782	Monetary Amount	1	O	R	1/18
06	73	Compensation Qualifier	1	O	ID	1/1

Comments

05 G305 is the amount on which compensation is based.

G30 - Retail Account Marketing Types

To identify the type and number of marketing equipment or programs in a retail account

TRANSACTION SETS USED IN
885

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1521	Marketing Type Code	1	M	ID	1/2
02	1470	Number	1	O/Z	N0	1/9

Semantic Notes

02 G3002 is the number of displays for the type specified in G3001.

G31 - Total Invoice Quantity

To specify summary details of total items shipped in terms of quantity, weight, and volume, and to specify payment method

TRANSACTION SETS USED IN

880 882

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	382	Number of Units Shipped	1	M	R	1/10
02	355	Unit or Basis for Measurement Code	1	M	ID	2/2
03	81	Weight	1	X	R	1/10
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	183	Volume	1	X	R	1/8
06	355	Unit or Basis for Measurement Code	1	X	ID	2/2
07	398	Order Sizing Factor	1	O	R	1/10
08	417	Price Bracket Identifier	1	O	AN	1/3
09	107	Payment Method Type Code	1	O	ID	1/2
10	380	Quantity	1	O/Z	R	1/15
11	81	Weight	1	O/Z	R	1/10

Syntax Notes

03 P0304
05 P0506
07 C0704

Semantic Notes

10 G3110 should only be used to express the quantity of third party pallets
11 G3111 is the gross weight of third party pallets in pounds.

Comments

02 G3102 qualifies G3101.

G32 - Survey Question Response

To provide information in response to ad hoc survey questions

TRANSACTION SETS USED IN

200 886

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1470	Number	1	M/Z	N0	1/9
02	1073	Yes/No Condition or Response Code	1	X/Z	ID	1/1
03	782	Monetary Amount	1	X	R	1/18
04	373	Date	1	X	DT	8/8
05	352	Description	1	X	AN	1/80

Syntax Notes

02 R02030405

Semantic Notes

01 G3201 is the ad hoc survey question number.

02 G3202, G3203, G3204 and G3205 are responses which only have meaning in reference to the ad hoc survey question.

G33 - Total Dollars Summary

To specify the total invoice amount, including charges less allowances, before terms discount

TRANSACTION SETS USED IN

880 882

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	610	Amount	1	M	N2	1/15

G35 - Advertising Feature Information

To specify advertising type and coupon information

TRANSACTION SETS USED IN

886

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	422	Promotion Condition Code	1	X	ID	2/2
02	1522	Coupon Type Code	1	X	ID	1/2
03	782	Monetary Amount	1	O/Z	R	1/18

Syntax Notes

03 L030102

Semantic Notes

03 G3503 is the value of the coupon.

G36 - Price List Reference

To provide price list references and descriptions

TRANSACTION SETS USED IN
832 879 888

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	439	Price List Number	1	M	AN	1/16
02	440	Price List Issue Number	1	O	AN	1/16
03	373	Date	1	M/Z	DT	8/8
04	291	Price Condition Applies Code	1	O	ID	3/3

Semantic Notes

03 G3603 is the issue date of the price list.

G37 - Labor Activity

To indicate the type of activity performed and the start and end times for the activity

TRANSACTION SETS USED IN
886

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1523	Labor Activity Code	1	M	ID	1/2
02	337	Time	1	X/Z	TM	4/8
03	337	Time	1	O/Z	TM	4/8

Syntax Notes

03 C0302

Semantic Notes

02 G3702 is the start time of the activity.
03 G3703 is the end time of the activity.

G38 - Claim Payment Information

To indicate the payment amount and reason for disposal of unsalable product

TRANSACTION SETS USED IN

180

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	782	Monetary Amount	1	M/Z	R	1/18
02	591	Payment Method Code	1	O	ID	3/3
03	1292	Returns Disposition Code	1	O	ID	2/2

Semantic Notes

01 G3801 is the amount of payment for the claim.

G39 - Item Characteristics - Vendor's Selling Unit

To identify a vendor's selling unit or to provide physical characteristics relative to a vendor's selling unit

TRANSACTION SETS USED IN
832 888 893

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	438	U.P.C. Case Code	1	X	AN	12/12
02	235	Product/Service ID Qualifier	1	X	ID	2/2
03	234	Product/Service ID	1	X	AN	1/80
04	152	Special Handling Code	1	O	ID	2/3
05	395	Unit Weight	1	X	R	1/8
06	187	Weight Qualifier	1	X	ID	1/2
07	188	Weight Unit Code	1	X	ID	1/1
08	65	Height	1	X	R	1/8
09	355	Unit or Basis for Measurement Code	1	X	ID	2/2
10	189	Width	1	X	R	1/8
11	355	Unit or Basis for Measurement Code	1	X	ID	2/2
12	82	Length	1	X	R	1/8
13	355	Unit or Basis for Measurement Code	1	X	ID	2/2
14	183	Volume	1	X	R	1/8
15	355	Unit or Basis for Measurement Code	1	X	ID	2/2
16	416	Pallet Blockand Tiers	1	O	N0	6/6
17	356	Pack	1	O	N0	1/6
18	357	Size	1	X	R	1/8
19	355	Unit or Basis for Measurement Code	1	X	ID	2/2
20	397	Color	1	O	AN	1/10
21	398	Order Sizing Factor	1	O	R	1/10
22	876	Alternate Tiers per Pallet	1	O	N0	1/3
23	235	Product/Service ID Qualifier	1	X	ID	2/2
24	234	Product/Service ID	1	X	AN	1/80
25	187	Weight Qualifier	1	X	ID	1/2
26	395	Unit Weight	1	X	R	1/8
27	810	Inner Pack	1	O	N0	1/6
28	103	Packaging Code	1	O	AN	3/5
29	878	Cash Register Item Description	1	O	AN	1/20

Syntax Notes

01	R0102
02	P0203
05	P050607
08	P0809
10	P1011

12 P1213
14 P1415
18 P1819
23 P2324
25 P2526

G4 - Scale Identification

To identify the scale type and the location and time a shipment is weighed

TRANSACTION SETS USED IN
410 417 426 440 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	19	City Name	1	M	AN	2/30
02	156	State or Province Code	1	M	ID	2/2
03	93	Name	1	O/Z	AN	1/60
04	373	Date	1	M/Z	DT	8/8
05	337	Time	1	O/Z	TM	4/8
06	570	Scale Type Code	1	O	ID	1/1

Semantic Notes

03 G403 is the scaling company's name.
04 G404 is the event date.
05 G405 is the event time.

G40 - Bracket Price

To provide a vendor's pricing structure associated with a specific line item

TRANSACTION SETS USED IN
832 879 888 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	417	Price Bracket Identifier	1	O	AN	1/3
02	418	Item List Cost - New	1	M	R	1/9
03	419	Item List Cost - Old	1	O	R	1/9
04	369	Free-form Description	1	O	AN	1/45
05	420	Price New, Suggested Retail	1	O	N2	2/7
06	421	Price Old, Suggested Retail	1	O	N2	2/7
07	355	Unit or Basis for Measurement Code	1	O	ID	2/2
08	236	Price Identifier Code	1	O	ID	3/3
09	1470	Number	1	O/Z	N0	1/9

Semantic Notes

09 G4009 is the shipping unit to billing unit conversion factor.

Comments

07 G4007 is the invoicing unit of measure for the costs specified in G4002 and G4003.

G42 - Promotion Announcement Identification

To identify promotion activities between trading partners

TRANSACTION SETS USED IN

889

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	423	Promotion Status Code	1	M	ID	2/2
02	341	Allowance or Charge Number	1	M	AN	1/16
03	640	Transaction Type Code	1	O	ID	2/2

G43 - Promotion/Price List Area

To specify the geographic area in which a promotion or price is in effect

TRANSACTION SETS USED IN

832 879 883 887 888 889 893 896

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	771	Market Area Code Qualifier	1	M/Z	ID	1/3
02	767	Market Area Code Identifier	1	O	AN	1/13
03	352	Description	1	O	AN	1/80
04	687	Class of Trade Code	1	O	ID	2/2

Semantic Notes

01 If G4301 is "001", "002", or "004", then G4302 is required. If G4301 is "003", then G4303 is required.

G45 - Line Item Detail - Promotion

To provide information for a line item

TRANSACTION SETS USED IN
889

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	438	U.P.C. Case Code	1	X	AN	12/12
02	766	U.P.C./EAN Consumer Package Code	1	X	AN	12/12
03	341	Allowance or Charge Number	1	O	AN	1/16
04	769	Exception Number	1	O	AN	1/16
05	235	Product/Service ID Qualifier	1	X	ID	2/2
06	234	Product/Service ID	1	X	AN	1/80
07	356	Pack	1	O	N0	1/6
08	357	Size	1	X	R	1/8
09	355	Unit or Basis for Measurement Code	1	X	ID	2/2
10	432	Date Qualifier	1	X	ID	2/2
11	373	Date	1	X/Z	DT	8/8
12	810	Inner Pack	1	O	N0	1/6
13	359	Allowance or Charge Rate	1	O	R	1/15
14	235	Product/Service ID Qualifier	1	X	ID	2/2
15	234	Product/Service ID	1	X	AN	1/80
16	235	Product/Service ID Qualifier	1	X	ID	2/2
17	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

01	R010205
05	P0506
08	P0809
10	P1011
14	P1415
16	P1617

Semantic Notes

11 G4511 is the date related to the next promotion of this item.

G46 - Promotion Allowance/Charge

To specify unit amount and method of payment for a charge/allowance for a line item

TRANSACTION SETS USED IN
879 888 889

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	340	Allowance or Charge Code	1	M	ID	1/3
02	331	Allowance or Charge Method of Handling Code	1	M	ID	2/2
03	359	Allowance or Charge Rate	1	X	R	1/15
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	610	Amount	1	X/Z	N2	1/15
06	378	Allowance/Charge Percent Qualifier	1	X	ID	1/1
07	332	Percent, Decimal Format	1	X/Z	R	1/6
08	769	Exception Number	1	O	AN	1/16
09	770	Option Number	1	O	AN	1/20
10	352	Description	1	O	AN	1/80
11	236	Price Identifier Code	1	O	ID	3/3
12	1470	Number	1	O/Z	N0	1/9

Syntax Notes

03 E030506
03 P0304
06 P0607

Semantic Notes

05 G4605 indicates the total dollar amount for the allowance or charge.
07 G4607 is the allowance or charge percent.
12 G4612 is the shipping unit to billing unit conversion factor.

Comments

01 If G4601 equals "1", then G4603, G4605, and G4607 must be omitted.

G47 - Statement Identification

To transmit identifying numbers, dates, and other basic data relating to the transaction set

TRANSACTION SETS USED IN

104 110 882

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M/Z	DT	8/8
02	613	Statement Number	1	M	AN	1/16

Semantic Notes

01 G4701 is the statement date.

G48 - Statement/Invoice Identification

To uniquely identify an invoice or adjustment

TRANSACTION SETS USED IN
882

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	76	Invoice Number	1	X	AN	1/22
02	373	Date	1	X/Z	DT	8/8
03	614	Store Number	1	O	AN	1/10
04	373	Date	1	O/Z	DT	8/8
05	324	Purchase Order Number	1	O	AN	1/22
06	424	Vendor Order Number	1	O	AN	1/22
07	128	Reference Identification Qualifier	1	X	ID	2/3
08	127	Reference Identification	1	X	AN	1/80
09	373	Date	1	O	DT	8/8

Syntax Notes

01	R0107
01	P0102
07	P0708

Semantic Notes

02	G4802 is the invoice issue date.
04	G4804 is the date assigned by the purchaser to the purchase order.

G49 - Statement Total

To provide essential billing totals to the purchaser

TRANSACTION SETS USED IN

882

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	610	Amount	1	M/Z	N2	1/15
02	610	Amount	1	O/Z	N2	1/15
03	610	Amount	1	O/Z	N2	1/15

Semantic Notes

01 G4901 is the total monetary amount for all changes billed on a statement since issuance of the last statement.

02 G4902 is the monetary amount for all unpaid charges prior to issuance of the current transaction.

03 G4903 identifies the total monetary amount currently due the issuer of the charges.

G5 - Scale Information

To transmit scale information

TRANSACTION SETS USED IN
440

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	206	Equipment Initial	1	M	AN	1/4
02	207	Equipment Number	1	M	AN	1/15
03	186	Waybill Number	1	X	N0	1/6
04	373	Date	1	X/Z	DT	8/8
05	81	Weight	1	M	R	1/10
06	187	Weight Qualifier	1	M	ID	1/2
07	167	Tare Weight	1	X	N0	3/8
08	571	Tare Qualifier Code	1	X	ID	1/1
09	232	Weight Allowance	1	X	N0	2/6
10	572	Weight Allowance Type Code	1	X	ID	1/1
11	60	Freight Rate	1	X	R	1/15
12	122	Rate/Value Qualifier	1	X	ID	2/2
13	41	Interchange Train Identification	1	O	AN	1/10
14	22	Commodity Code	1	O	AN	1/30
15	128	Reference Identification Qualifier	1	X	ID	2/3
16	127	Reference Identification	1	X	AN	1/80
17	373	Date	1	O/Z	DT	8/8

Syntax Notes

03	P0304
07	P0708
09	P0910
11	P1112
15	P1516

Semantic Notes

04	G504 is the waybill date.
17	G517 is the date associated with the reference identification.

G50 - Purchase Order Identification

To transmit identifying dates and numbers for this transaction set

TRANSACTION SETS USED IN
875

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	473	Order Status Code	1	M	ID	1/1
02	373	Date	1	M/Z	DT	8/8
03	324	Purchase Order Number	1	M	AN	1/22
04	441	Tax Exempt Code	1	O	ID	1/1
05	474	Master Reference (Link) Number	1	X	AN	1/22
06	472	Link Sequence Number	1	X	N0	6/6
07	92	Purchase Order Type Code	1	O	ID	2/2

Syntax Notes

05 P0506

Semantic Notes

02 G5002 is the date assigned by the purchaser to the purchase order.

G51 - Free Goods/Product Condition

To indicate quantity of free goods and under what conditions free goods are earned

TRANSACTION SETS USED IN
887 889

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	773	Quantity Free	1	X	N0	1/9
02	355	Unit or Basis for Measurement Code	1	X	ID	2/2
03	768	Quantity Must Purchase	1	M	N0	1/9
04	355	Unit or Basis for Measurement Code	1	M	ID	2/2
05	438	U.P.C. Case Code	1	O	AN	12/12
06	766	U.P.C./EAN Consumer Package Code	1	O	AN	12/12
07	235	Product/Service ID Qualifier	1	X	ID	2/2
08	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

01	P0102
07	P0708

Comments

02	G5102 qualifies G5101.
04	G5104 qualifies G5103.

G53 - Maintenance Type

To identify the specific type of item maintenance

TRANSACTION SETS USED IN

820 823 832 840 845 846 860 865 885 888 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	875	Maintenance Type Code	1	M	ID	3/3

G54 - Module Description

To describe the UPC Case Codes in a module

TRANSACTION SETS USED IN
832 888

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M	R	1/15
02	355	Unit or Basis for Measurement Code	1	M	ID	2/2
03	438	U.P.C. Case Code	1	X	AN	12/12
04	235	Product/Service ID Qualifier	1	X	ID	2/2
05	234	Product/Service ID	1	X	AN	1/80
06	369	Free-form Description	1	O	AN	1/45

Syntax Notes

03	R0304
04	P0405

Comments

02	G5402 qualifies G5401.

G55 - Item Characteristics - Consumer Unit

To provide physical characteristics relative to a consumer unit

TRANSACTION SETS USED IN
832 888

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	235	Product/Service ID Qualifier	1	M	ID	2/2
02	234	Product/Service ID	1	M	AN	1/80
03	235	Product/Service ID Qualifier	1	X	ID	2/2
04	234	Product/Service ID	1	X	AN	1/80
05	65	Height	1	X	R	1/8
06	355	Unit or Basis for Measurement Code	1	X	ID	2/2
07	189	Width	1	X	R	1/8
08	355	Unit or Basis for Measurement Code	1	X	ID	2/2
09	82	Length	1	X	R	1/8
10	355	Unit or Basis for Measurement Code	1	X	ID	2/2
11	183	Volume	1	X	R	1/8
12	355	Unit or Basis for Measurement Code	1	X	ID	2/2
13	356	Pack	1	O	N0	1/6
14	357	Size	1	X	R	1/8
15	355	Unit or Basis for Measurement Code	1	X	ID	2/2
16	878	Cash Register Item Description	1	O	AN	1/20
17	878	Cash Register Item Description	1	O	AN	1/20
18	879	Coupon Family Code	1	O	AN	3/3
19	880	Dated Product Number of Days	1	O	N0	1/4
20	881	Deposit Value	1	O	R	1/8
21	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
22	397	Color	1	O	AN	1/10
23	395	Unit Weight	1	X	R	1/8
24	187	Weight Qualifier	1	X	ID	1/2
25	188	Weight Unit Code	1	X	ID	1/1
26	395	Unit Weight	1	X	R	1/8
27	187	Weight Qualifier	1	X	ID	1/2
28	188	Weight Unit Code	1	X	ID	1/1
29	235	Product/Service ID Qualifier	1	X	ID	2/2
30	234	Product/Service ID	1	X	AN	1/80
31	369	Free-form Description	1	O	AN	1/45
32	810	Inner Pack	1	O	N0	1/6
33	103	Packaging Code	1	O	AN	3/5

Syntax Notes

03 P0304

05 P0506
07 P0708
09 P0910
11 P1112
14 P1415
23 P232425
26 P262728
29 P2930

Semantic Notes

21 G5521 indicates if the product is pre-priced. Code "Y" indicates the product is pre-priced. Code "N" indicates the product is not pre-priced.

Comments

16 G5516 is limited to 16 characters.

G61 - Contact

To identify a person or office to whom communications should be directed

TRANSACTION SETS USED IN

163 196 204 211 212 213 215 216 217 219 222 227 249 251 273 300 301 304 310 317 511 517 527 536
561 567 805 840 850 854 860 875 876 879 880 882 883 884 888 889 896 920 940 943 944 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	366	Contact Function Code	1	M	ID	2/2
02	93	Name	1	M	AN	1/60
03	365	Communication Number Qualifier	1	X	ID	2/2
04	364	Communication Number	1	X	AN	1/2048
05	443	Contact Inquiry Reference	1	O	AN	1/20

Syntax Notes

03 P0304

Comments

03 G6103 qualifies G6104.

G62 - Date/Time

To specify pertinent dates and times

TRANSACTION SETS USED IN

106 107 108 120 121 125 127 129 163 204 210 211 212 214 215 219 220 222 227 317 511 517 527 536 561 567 753 754 853 854 858 859 875 876 878 879 880 883 888 889 896 920 940 943 944 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	432	Date Qualifier	1	X	ID	2/2
02	373	Date	1	X	DT	8/8
03	176	Time Qualifier	1	X	ID	1/2
04	337	Time	1	X	TM	4/8
05	623	Time Code	1	O	ID	2/2

Syntax Notes

01	R0103
01	P0102
03	P0304

G63 - Period

To define the billing periods

TRANSACTION SETS USED IN
159 263

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	615	Time Period Qualifier	1	M	ID	1/2
02	616	Number of Periods	1	M	N0	1/3
03	257	Tariff Application Code	1	O	ID	1/1
04	352	Description	1	O	AN	1/80

G66 - Transportation Instructions

To specify transportation instructions relating to the shipment

TRANSACTION SETS USED IN

527 875 876 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	146	Shipment Method of Payment Code	1	O	ID	2/2
02	91	Transportation Method/Type Code	1	O	ID	1/2
03	399	Pallet Exchange Code	1	O	ID	1/1
04	400	Unit Load Option Code	1	O	ID	2/2
05	387	Routing	1	O	AN	1/35
06	433	F.O.B. Point Code	1	O	ID	2/2
07	434	F.O.B. Point	1	O	AN	1/30

G68 - Line Item Detail - Product

To specify basic and most frequently used purchase order line item data

TRANSACTION SETS USED IN
875 876

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M/Z	R	1/15
02	355	Unit or Basis for Measurement Code	1	M	ID	2/2
03	237	Item List Cost	1	O	R	1/9
04	438	U.P.C. Case Code	1	X	AN	12/12
05	235	Product/Service ID Qualifier	1	X	ID	2/2
06	234	Product/Service ID	1	X	AN	1/80
07	235	Product/Service ID Qualifier	1	X	ID	2/2
08	234	Product/Service ID	1	X	AN	1/80
09	417	Price Bracket Identifier	1	O	AN	1/3
10	258	Quantity Cost	1	X	N4	1/9
11	355	Unit or Basis for Measurement Code	1	X	ID	2/2
12	439	Price List Number	1	O	AN	1/16
13	440	Price List Issue Number	1	O	AN	1/16
14	857	Pre-Price Quantity Designator	1	O	N6	1/9
15	858	Retail Pre-Price	1	O	R	1/9

Syntax Notes

04	R0405
05	P0506
07	P0708
10	P1011

Semantic Notes

01	G801 is quantity ordered.

Comments

02	G6802 qualifies G6801.

G69 - Line Item Detail - Description

To describe an item in free-form format

TRANSACTION SETS USED IN

219 220 511 527 536 875 876 877 878 879 880 888 889 893 940 943 944 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	369	Free-form Description	1	M	AN	1/45

G70 - Line Item Detail - Miscellaneous

To provide for miscellaneous information relative to a line item

TRANSACTION SETS USED IN
875 876

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	356	Pack	1	O	N0	1/6
02	357	Size	1	X	R	1/8
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	444	Purchase Order Instruction Code	1	O	ID	2/2
05	381	Price Reason Code	1	O	ID	1/1
06	445	Terms Exception Code	1	O	ID	2/2
07	441	Tax Exempt Code	1	O	ID	1/1
08	397	Color	1	O	AN	1/10
09	416	Pallet Blockand Tiers	1	O	N0	6/6
10	810	Inner Pack	1	O	N0	1/6

Syntax Notes

02		P0203

G72 - Allowance or Charge

To specify allowances, charges, or services

TRANSACTION SETS USED IN

875 876 878 880 881 882 894 895 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	340	Allowance or Charge Code	1	M	ID	1/3
02	331	Allowance or Charge Method of Handling Code	1	M	ID	2/2
03	341	Allowance or Charge Number	1	X	AN	1/16
04	769	Exception Number	1	O	AN	1/16
05	359	Allowance or Charge Rate	1	X	R	1/15
06	339	Allowance or Charge Quantity	1	X	R	1/10
07	355	Unit or Basis for Measurement Code	1	X	ID	2/2
08	360	Allowance or Charge Total Amount	1	X	N2	1/15
09	332	Percent, Decimal Format	1	X/Z	R	1/6
10	828	Dollar Basis For Percent	1	X	R	1/9
11	770	Option Number	1	O	AN	1/20
12	352	Description	1	O/Z	AN	1/80

Syntax Notes

03	R03050809
05	E050809
06	P0607
09	P0910
11	C1103

Semantic Notes

09	G7209 is the allowance or charge percent.
12	If the code used in G7201 does not sufficiently describe the allowance or charge, use of G7212 is recommended.

G73 - Allowance or Charge Description

To describe the allowance or charge in free-form format

TRANSACTION SETS USED IN

875 876 880 881 882

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	369	Free-form Description	1	M	AN	1/45

Comments

00	Use of the G73 segment requires concurrent use of a corresponding allowance/charge segment.

G76 - Total Purchase Order

To specify summary details of total items shipped in terms of quantity, weight, and volume, and to specify payment method

TRANSACTION SETS USED IN
875 876

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M/Z	R	1/15
02	355	Unit or Basis for Measurement Code	1	M	ID	2/2
03	81	Weight	1	X	R	1/10
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	183	Volume	1	X	R	1/8
06	355	Unit or Basis for Measurement Code	1	X	ID	2/2
07	398	Order Sizing Factor	1	O	R	1/10
08	610	Amount	1	O/Z	N2	1/15
09	417	Price Bracket Identifier	1	O	AN	1/3
10	107	Payment Method Type Code	1	O	ID	1/2

Syntax Notes

03	P0304
05	P0506
07	C0704

Semantic Notes

01	G7601 is quantity ordered.
08	G7608 indicates the total monetary amount of the purchase order as determined by the buyer.

Comments

02	G7602 qualifies G7601.

G82 - Delivery/Return Base Record Identifier

To transmit identifying numbers, dates, and other basic data relating to the transaction set

TRANSACTION SETS USED IN

894

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	478	Credit/Debit Flag Code	1	M	ID	1/1
02	861	Supplier's Delivery/Return Number	1	M	AN	1/22
03	860	D-U-N-S Number Code	1	O	ID	9/9
04	862	Receiver's Location Number	1	M	AN	1/13
05	860	D-U-N-S Number Code	1	O	ID	9/9
06	871	Supplier's Location Number	1	M	AN	1/13
07	872	Physical Delivery or Return Date	1	M	DT	8/8
08	873	Product Ownership Transfer Date	1	O	DT	8/8
09	324	Purchase Order Number	1	O	AN	1/22
10	323	Purchase Order Date	1	O	DT	8/8
11	146	Shipment Method of Payment Code	1	O	ID	2/2
12	625	COD Method of Payment Code	1	O	ID	1/1
13	1321	Condition Indicator Code	1	O	ID	2/3

Comments

01 When G8201 equals "D" (debit), information in this segment is for a delivery. When G8201 equals "C" (credit), information in this segment is for a return.

G83 - Line Item Detail/Direct Store Delivery

To specify the basic, and most frequently used line item data for the delivery record transaction

TRANSACTION SETS USED IN
894

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	204	Direct Store Delivery Sequence Number	1	M	N0	1/4
02	380	Quantity	1	M	R	1/15
03	355	Unit or Basis for Measurement Code	1	M	ID	2/2
04	766	U.P.C./EAN Consumer Package Code	1	X	AN	12/12
05	235	Product/Service ID Qualifier	1	X	ID	2/2
06	234	Product/Service ID	1	X	AN	1/80
07	438	U.P.C. Case Code	1	X	AN	12/12
08	237	Item List Cost	1	O	R	1/9
09	356	Pack	1	X	N0	1/6
10	878	Cash Register Item Description	1	O	AN	1/20
11	235	Product/Service ID Qualifier	1	X	ID	2/2
12	234	Product/Service ID	1	X	AN	1/80
13	810	Inner Pack	1	O	N0	1/6
14	235	Product/Service ID Qualifier	1	X	ID	2/2
15	234	Product/Service ID	1	X	AN	1/80
16	355	Unit or Basis for Measurement Code	1	X	ID	2/2
17	237	Item List Cost	1	X	R	1/9

Syntax Notes

04	R0405
04	E0406
05	P0506
07	C0709
07	E0712
11	P1112
14	P1415
16	P1617

Comments

03	G8303 qualifies G8302.
14	G8314 and G8315 are used to provide the country of origin for the product identified in this segment.
16	G8316 and G8317 pertain to G8307 or G8312.
16	G8316 qualifies G8317.
16	G8316 specifies a different unit of measure for the product than what is specified in G8303.

G84 - Delivery/Return Record of Totals

To specify summary details of total items in terms of quantity or amount

TRANSACTION SETS USED IN
894 895

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	X	R	1/15
02	361	Total Invoice Amount	1	X	N2	1/10
03	865	Total Deposit Dollar Amount	1	O	N2	1/6
04	640	Transaction Type Code	1	O	ID	2/2
05	782	Monetary Amount	1	O/Z	R	1/18
06	782	Monetary Amount	1	O/Z	R	1/18
07	782	Monetary Amount	1	O/Z	R	1/18

Syntax Notes

01 R0102

Semantic Notes

05 G8405 is the Total Invoice Allowances Amount - the sum of all allowances in the transaction.

06 G8406 is the Total Invoice Charges Amount - the sum of all charges in the transaction.

07 G8407 is the Total Invoice Taxes Amount - the sum of all taxes in the transaction.

G85 - Record Integrity Check

To provide a secure method of identifying authenticity of record content

TRANSACTION SETS USED IN
894 895

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	866	Integrity CheckValue	1	M	AN	1/12

G86 - Signature Identification

To transmit an electronic identity

TRANSACTION SETS USED IN
113 179 197 268 894 895

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	867	Signature	1	O	AN	1/12
02	93	Name	1	O/Z	AN	1/60

Semantic Notes

02 G8602 is a keyed representation of a signature.

G87 - Delivery/Return Adjustment Identification

To transmit identifying numbers, dates, and other basic data relating to the transaction set

TRANSACTION SETS USED IN

895

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	868	Initiator Code	1	M	ID	1/1
02	478	Credit/Debit Flag Code	1	M	ID	1/1
03	861	Supplier's Delivery/Return Number	1	M	AN	1/22
04	866	Integrity Check Value	1	M	AN	1/12
05	869	Adjustment Sequence Number	1	M	N0	1/1
06	870	Receiver Delivery/Return Number	1	O	AN	1/22

Comments

04	G8704 must contain the integrity check value from the G85 (Record Integrity Check) segment in the preceding base or adjustment transaction.

G88 - Delivery/Return Identification Adjustment

To transmit adjustments for identification data

TRANSACTION SETS USED IN

895

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	872	Physical Delivery or Return Date	1	O	DT	8/8
02	873	Product Ownership Transfer Date	1	O	DT	8/8
03	324	Purchase Order Number	1	O	AN	1/22
04	323	Purchase Order Date	1	O	DT	8/8
05	862	Receiver's Location Number	1	O	AN	1/13

G89 - Line Item Detail - Adjustment

To transmit line-item detail adjustments

TRANSACTION SETS USED IN
895

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	204	Direct Store Delivery Sequence Number	1	M	N0	1/4
02	380	Quantity	1	O	R	1/15
03	355	Unit or Basis for Measurement Code	1	O	ID	2/2
04	766	U.P.C./EAN Consumer Package Code	1	X	AN	12/12
05	235	Product/Service ID Qualifier	1	X	ID	2/2
06	234	Product/Service ID	1	X	AN	1/80
07	438	U.P.C. Case Code	1	X	AN	12/12
08	237	Item List Cost	1	O	R	1/9
09	356	Pack	1	O	N0	1/6
10	810	Inner Pack	1	O	N0	1/6
11	235	Product/Service ID Qualifier	1	X	ID	2/2
12	234	Product/Service ID	1	X	AN	1/80
13	426	Adjustment Reason Code	1	O	ID	2/2
14	355	Unit or Basis for Measurement Code	1	X	ID	2/2
15	237	Item List Cost	1	X	R	1/9

Syntax Notes

04	E0406
05	P0506
07	E0712
11	P1112
14	P1415

Comments

03	G8903 qualifies G8902.
14	G8914 and G8915 pertain to G8907 or G8912.
14	G8914 qualifies G8915.
14	G8914 specifies a different unit of measure for the product than what is specified in G8903.

G91 - Price Change Status

To enable the supplier/broker to change pricing information

TRANSACTION SETS USED IN

879

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	259	Change Type Code	1	M	ID	1/1
02	236	Price Identifier Code	1	O	ID	3/3

G92 - Purchase Order Change Type

To identify the reason for a change to a previously transmitted purchase order

TRANSACTION SETS USED IN

876

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	670	Change or Response Type Code	1	M	ID	2/2
02	373	Date	1	M/Z	DT	8/8
03	324	Purchase Order Number	1	M	AN	1/22

Semantic Notes

02 G9202 is the date assigned by the purchaser to the purchase order.

G93 - Price Bracket Identification

To identify price bracket values

TRANSACTION SETS USED IN
832 879 888 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	417	Price Bracket Identifier	1	O	AN	1/3
02	380	Quantity	1	X/Z	R	1/15
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	369	Free-form Description	1	O	AN	1/45
05	91	Transportation Method/Type Code	1	O	ID	1/2
06	236	Price Identifier Code	1	O	ID	3/3
07	306	Action Code	1	O	ID	1/2
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

02 P0203

Semantic Notes

02 G9302 is the bracket value in terms of minimum quantity or weight as specified in G9303.

08 G9308 defines if freight is included in the price of products in the price bracket. A "Y" indicates freight is included in the price of products in the price bracket; an "N" indicates it is not included.

G94 - Promotion Conditions

To indicate the option number associated with a promotion and to specify the "AND" or "OR" condition for the option

TRANSACTION SETS USED IN

889

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	293	Promotion Condition Qualifier	1	O	ID	2/2
02	770	Option Number	1	M	AN	1/20

G95 - Performance Requirements

To specify the "AND" or "OR" condition for the option, or provide information related to the promotion performance conditions and allocations required, or both

TRANSACTION SETS USED IN
852 883 889

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	293	Promotion Condition Qualifier	1	O	ID	2/2
02	422	Promotion Condition Code	1	M	ID	2/2
03	554	Assigned Number	1	O	N0	1/9
04	380	Quantity	1	X	R	1/15
05	355	Unit or Basis for Measurement Code	1	X/Z	ID	2/2
06	352	Description	1	O	AN	1/80
07	1470	Number	1	O/Z	N0	1/9

Syntax Notes

04 P0405

Semantic Notes

05 If G9502 equals "99", then G9506 is required.
07 G9507 contains the number of days included in the promotion period.

GA - Canadian Grain Information

To transmit the transportation and distribution requirements of grain at Canadian ports

TRANSACTION SETS USED IN
404 410 417 422 426 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1275	Fumigated/Cleaned Indicator Code	1	O	ID	1/1
02	22	Commodity Code	1	O/Z	AN	1/30
03	1576	Inspected/Weighed Indicator Code	1	O	ID	1/2
04	128	Reference Identification Qualifier	1	X	ID	2/3
05	127	Reference Identification	1	X	AN	1/80
06	642	Week	1	O/Z	N0	6/6
07	899	Unload Terminal Elevator Code	1	O	ID	3/4
08	373	Date	1	O/Z	DT	8/8
09	1470	Number	1	O/Z	N0	1/9
10	1276	Machine Separable Indicator Code	1	O	ID	2/2
11	1277	Canadian Wheat Board (CWB) Marketing Class Code	1	O	ID	1/1
12	1278	Canadian Wheat Board (CWB) Marketing Class Type Code	1	O	ID	1/1
13	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
14	310	Location Identifier	1	X/Z	AN	1/30
15	156	State or Province Code	1	X	ID	2/2
16	1004	Percent Qualifier	1	X	ID	1/2
17	954	Percentage as Decimal	1	X	R	1/10
18	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

04 P0405
14 P1415
16 P1617

Semantic Notes

02 GA02 is required on the first occurrence of the segment and for each new occurrence of a different commodity code.
06 GA06 is used for crop week
08 GA08 is used for the unload date.
09 GA09 will contain the number of cars being claimed for incentive rate.
13 If GA13 is equal to "Y" then this is a direct hit to departure wharf for vessel loading. If "N" this is to be unloaded at terminal and GA14 is required to identify the terminal or staging area prior to vessel loading.
14 GA14 is the terminal or staging area name.
18 GA18 indicates whether a Canadian Wheat Board Performance car is involved. If GA18 is equal to "Y", then this indicates a Performance Car is involved. If GA18 is equal to "N" a

Performance car is not involved. The default value is "N" if absent.

Comments

02 GA02 contains the Canadian Grain Commission Commodity Code for terminal elevator accounting.

05 GA05 is used for grain block number.

GDP - General Dosing Parameters

Reports dosing parameters for a group of animals or an individual animal

TRANSACTION SETS USED IN

249

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	739	Measurement Value	1	M/Z	R	1/20
02	C001	Composite Unit of Measure	1	M/Z		
03	1603	Route of Administration	1	O/Z	AN	1/20
04	1313	Test Period or Interval Value	1	X/Z	N0	1/6
05	344	Unit of Time Period or Interval Code	1	X	ID	2/2
06	1313	Test Period or Interval Value	1	X/Z	N0	1/6
07	344	Unit of Time Period or Interval Code	1	X	ID	2/2

Syntax Notes

04 P0405

06 P0607

Semantic Notes

01 GDP01 reports the numerical dose value for a group of animals or individual animal during the dose period or interval designated by GDP04.

02 GDP02 identifies the unit of measurement for the dose value.

03 GDP03 is a description of how the substance was administered.

04 GDP04 designates the day on test or interval value the first animal in a group was dosed or the dose day or interval on test when an individual animal received the dose recorded in GDP01.

06 GDP06 designates the day on test or interval value the last animal in this group was dosed.

GE - Functional Group Trailer

To indicate the end of a functional group and to provide control information

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	97	Number of Transaction Sets Included	1	M	N0	1/6
02	28	Group Control Number	1	M/Z	N0	1/9

Semantic Notes

02 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments

00 The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

GF - Furnished Goods and Services

To specify information related to furnished material, equipment, property, information, and services

TRANSACTION SETS USED IN

180 511 517 527 856 869

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	X	ID	2/3
02	127	Reference Identification	1	X	AN	1/80
03	367	Contract Number	1	O	AN	1/30
04	782	Monetary Amount	1	O/Z	R	1/18
05	128	Reference Identification Qualifier	1	X	ID	2/3
06	127	Reference Identification	1	X	AN	1/80
07	328	Release Number	1	O	AN	1/30
08	128	Reference Identification Qualifier	1	X	ID	2/3
09	127	Reference Identification	1	X	AN	1/80

Syntax Notes

01	P0102
05	P0506
08	P0809

Semantic Notes

04	GF04 is the value of government-furnished property.

GH - Group Header

To indicate the list identity for the details following

TRANSACTION SETS USED IN

490

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	373	Date	1	O	DT	8/8
03	354	Number of Line Items	1	O	N0	1/6
04	691	Revision Number	1	O	N0	1/4

Comments

02	GH02 is the expiration date.

GID - Group Identification

To identify each dose group name and dose group gender

TRANSACTION SETS USED IN
249

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	93	Name	1	M/Z	AN	1/60
02	1068	Gender Code	1	M/Z	ID	1/1
03	93	Name	1	O/Z	AN	1/60

Semantic Notes

01 GID01 is the group name identification.
02 GID02 defines the gender of this group.
03 GID03 is the alternate group name.

GR - Guarantee Result Detail

To provide information related to the disposition of a student loan

TRANSACTION SETS USED IN
135 139 144 191

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1262	Loan Type Code	1	M	ID	1/2
02	1307	Loan Status Code	1	M	ID	1/2
03	1250	Date Time Period Format Qualifier	1	M	ID	2/3
04	1251	Date Time Period	1	M/Z	AN	1/35
05	1250	Date Time Period Format Qualifier	1	M	ID	2/3
06	1251	Date Time Period	1	M/Z	AN	1/35
07	1250	Date Time Period Format Qualifier	1	X	ID	2/3
08	1251	Date Time Period	1	X/Z	AN	1/35
09	782	Monetary Amount	1	O/Z	R	1/18
10	953	Interest Rate	1	X/Z	R	1/6
11	1086	Loan Rate Type Code	1	X	ID	1/1
12	953	Interest Rate	1	O/Z	R	1/6
13	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
14	127	Reference Identification	1	O/Z	AN	1/80
15	1250	Date Time Period Format Qualifier	1	X	ID	2/3
16	1251	Date Time Period	1	X/Z	AN	1/35
17	782	Monetary Amount	1	O/Z	R	1/18
18	127	Reference Identification	1	O/Z	AN	1/80
19	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
20	380	Quantity	1	O/Z	R	1/15
21	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
22	1713	Guarantee Amount Reduction Code	1	O	ID	1/2

Syntax Notes

07 P0708
10 P1011
15 P1516

Semantic Notes

04 GR04 is the loan period.
06 GR06 is the result date.
08 GR08 is the loan status date.
09 GR09 is the guaranteed loan amount.
10 GR10 is the current interest rate.
12 GR12 is the new interest rate.
13 GR13 indicates whether the borrower is a new borrower. A "Y" indicates the borrower is a new borrower; an "N" indicates the borrower is not.

14 GR14 is the guarantor loan ID.

16 GR16 is the guarantee expiration date.

17 GR17 is the amount guaranteed at academic level.

18 GR18 is the user ID of the loan processor.

19 GR19 indicates whether there is an outstanding guarantee fee balance. A "Y" indicates there is an outstanding fee balance; an "N" indicates there is not.

20 GR20 is the number of grace months.

21 GR21 indicates whether a promissory note should be printed. A "Y" indicates one should be printed; an "N" indicates one should not be printed.

GR2 - Train Data

To provide train assignment as to its identification and departure

TRANSACTION SETS USED IN
715

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	309	Location Qualifier	1	X	ID	1/2
03	310	Location Identifier	1	X	AN	1/30
04	19	City Name	1	X	AN	2/30
05	156	State or Province Code	1	X	ID	2/2
06	26	Country Code	1	O	ID	2/3
07	41	Interchange Train Identification	1	O	AN	1/10
08	373	Date	1	O	DT	8/8
09	337	Time	1	O	TM	4/8
10	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
11	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
12	41	Interchange Train Identification	1	O	AN	1/10

Syntax Notes

02	P0203
03	R0304
04	P0405

Semantic Notes

10	GR210 is the switch road.
11	GR211 is the stacktrain operation.

GR4 - Loading Cluster

To define loading configuration type of the units being loaded

TRANSACTION SETS USED IN
715

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1395	Configuration Type Code	1	M/Z	ID	1/1
02	40	Equipment Description Code	1	M	ID	2/2
03	1396	Equipment Use Code	1	M	ID	1/1
04	127	Reference Identification	1	X/Z	AN	1/80
05	206	Equipment Initial	1	X	AN	1/4
06	207	Equipment Number	1	X	AN	1/15
07	309	Location Qualifier	1	X	ID	1/2
08	310	Location Identifier	1	X	AN	1/30
09	19	City Name	1	X	AN	2/30
10	156	State or Province Code	1	X	ID	2/2
11	26	Country Code	1	O	ID	2/3

Syntax Notes

04	R0405
05	P0506
07	P0708
08	R0809
09	P0910
11	C1110

Semantic Notes

01	If GR401 is "B", then GR407 and GR408 are required. If GR401 is "C", then GR404 is required. If GR401 is "S", then GR405 and GR406 are required.
04	GR404 is the sender's loading cluster number.

GR5 - Loading Details

To provide loading details for equipment

TRANSACTION SETS USED IN

322 715

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	152	Special Handling Code	1	M	ID	2/3
02	752	Surface/Layer/Position Code	1	X	ID	2/2
03	739	Measurement Value	1	X	R	1/20
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	641	Status Reason Code	1	O	ID	3/3

Syntax Notes

02	R0203
03	P0304

GRI - Statistical Government Information

To respond to a specific government reporting requirement

TRANSACTION SETS USED IN
148 152

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1260	Reported Data ID Code	1	M	AN	1/6
02	1261	Reported Data Response	1	X	AN	1/10
03	673	Quantity Qualifier	1	O	ID	2/2
04	380	Quantity	1	X	R	1/15
05	522	Amount Qualifier Code	1	O	ID	1/3
06	782	Monetary Amount	1	X	R	1/18
07	1004	Percent Qualifier	1	O	ID	1/2
08	488	Percent, Integer Format	1	X	N0	1/3
09	374	Date/Time Qualifier	1	O	ID	3/3
10	373	Date	1	X	DT	8/8
11	352	Description	1	O	AN	1/80

Syntax Notes

02	R0204060810
03	C0304
05	C0506
07	C0708
09	C0910

GRP - Group Dosage Parameters

To report group-specific variables on dosages

TRANSACTION SETS USED IN

249

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1470	Number	1	M/Z	N0	1/9
02	1370	Unit Dose Code	1	M/Z	ID	1/1
03	373	Date	1	M/Z	DT	8/8
04	373	Date	1	M/Z	DT	8/8

Semantic Notes

01 GRP01 indicates the number of animal records present in this dose group.

02 GRP02 indicates the type of dose treatment for this dose group.

03 GRP03 indicates the group in vivo start date. This is the date testing commenced for animals in this group.

04 GRP04 indicates the group in vivo end date. This is the last date on which an animal in this group was sacrificed.

GS - Functional Group Header

To indicate the beginning of a functional group and to provide control information

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	479	Functional Identifier Code	1	M	ID	2/2
02	142	Application Sender's Code	1	M	AN	2/15
03	124	Application Receiver's Code	1	M	AN	2/15
04	373	Date	1	M/Z	DT	8/8
05	337	Time	1	M/Z	TM	4/8
06	28	Group Control Number	1	M/Z	N0	1/9
07	455	Responsible Agency Code	1	M	ID	1/2
08	480	Version / Release / Industry Identifier Code	1	M	AN	1/12

Semantic Notes

04 GS04 is the group date.

05 GS05 is the group time.

06 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments

00 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

GY - Geography

To define the geographic region from or to which a rate docket applies

TRANSACTION SETS USED IN
106 107 217 460 490 494

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	262	Geography Qualifier Code	1	M/Z	ID	1/1
02	699	Commodity/Geographic Logical Connector Code	1	O/Z	ID	1/1
03	309	Location Qualifier	1	X	ID	1/2
04	156	State or Province Code	1	O	ID	2/2
05	310	Location Identifier	1	X	AN	1/30
06	310	Location Identifier	1	O	AN	1/30
07	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
08	259	Change Type Code	1	O	ID	1/1
09	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
10	697	Docket Control Number	1	X	AN	1/7
11	690	Docket Identification	1	X	AN	1/11
12	260	Group Title	1	O	AN	2/30
13	156	State or Province Code	1	X	ID	2/2
14	19	City Name	1	X	AN	2/30
15	1073	Yes/No Condition or Response Code	1	X/Z	ID	1/1

Syntax Notes

03	E0309
05	C0503
06	C0605
09	P091011
09	E0913
09	E0915
12	C12091011
13	P1314

Semantic Notes

01	If GY01 is "B" (between) in this iteration of the loop, it must be "B" in the corresponding iteration of the loop. If GY01 is "F" (from) in this iteration of the loop, it must be "T" (to) in the corresponding iteration of the loop. If GY01 is "T" (to) in this iteration of the loop, it must be "F" (from) in the corresponding iteration of the loop.
02	If GY02 is "M" (minus), there must be at least one GY02 that is "P" (plus) within the same loop.
07	GY07 is the Standard Carrier Alpha Code (SCAC) of the location stated in GY05 and GY06.
09	GY09 is the Standard Carrier Alpha Code (SCAC) of the docket owner.
15	If GY15 is "Y", then the location named in GY04 through GY07 will include revenue switching areas. If "N", then this will not include revenue switching areas.

Comments

05 If both GY05 and GY06 are present, a range is indicated.

H1 - Hazardous Material

To specify information relative to hazardous material

TRANSACTION SETS USED IN

104 210 284 285 286 300 301 304 309 310 312 317 322 324 325 355 859 888

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	62	Hazardous Material Code	1	M	AN	4/10
02	209	Hazardous Material Class Code	1	O	AN	1/4
03	208	Hazardous Material Code Qualifier	1	O	ID	1/1
04	64	Hazardous Material Description	1	O	AN	2/30
05	63	Hazardous Material Contact	1	O	AN	1/24
06	200	Hazardous Materials Page	1	O	AN	1/6
07	77	Flashpoint Temperature	1	X	N	1/3
08	355	Unit or Basis for Measurement Code	1	X	ID	2/2
09	254	Packng Group Code	1	O	ID	1/3

Syntax Notes

07	P0708

Comments

00	This segment is required when the shipment contains hazardous material.
07	H107 is the lowest temperature for hazardous materials.

H2 - Additional Hazardous Material Description

To specify free-form hazardous material descriptive data in addition to the information provided in the H1 segment

TRANSACTION SETS USED IN

104 210 300 301 304 309 310 312 325 355 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	64	Hazardous Material Description	1	M	AN	2/30
02	274	Hazardous Material Classification	1	O	AN	1/30

H3 - Special Handling Instructions

To specify special handling instructions in coded or free-form format

TRANSACTION SETS USED IN

104 161 163 210 250 300 301 304 310 312 322 324 325 404 417 421 426 456 470 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	152	Special Handling Code	1	X	ID	2/3
02	153	Special Handling Description	1	X	AN	2/30
03	241	Protective Service Code	1	O	ID	1/4
04	242	Vent Instruction Code	1	O	ID	1/7
05	257	Tariff Application Code	1	O	ID	1/1

Syntax Notes

01	E0102

H5 - Car Service Order

To identify the car service directive or other car movement instructions applicable to the empty movement of the car

TRANSACTION SETS USED IN
417 421 456

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	240	Car Service Order Code	1	M	ID	3/5
02	19	City Name	1	O	AN	2/30
03	156	State or Province Code	1	O	ID	2/2

H6 - Special Services

To identify forms of unitization, liability issues, and special services

TRANSACTION SETS USED IN

163 210 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	560	Special Services Code	1	X	ID	2/10
02	560	Special Services Code	1	O	ID	2/10
03	406	Quantity of Pallets Shipped	1	O	N0	1/3
04	399	Pallet Exchange Code	1	O	ID	1/1
05	81	Weight	1	O	R	1/10
06	188	Weight Unit Code	1	O	ID	1/1
07	108	Pickup or Delivery Code	1	X	ID	1/2

Syntax Notes

01	R0107
02	C0201

Comments

01	H601 indicates base services. If H601 equals "PC" and H602 equals "PL", then H603 must be used.
02	H602 indicates special services.
06	H606 is used only when H605 is expressed in a unit of measure other than pounds (weight refers to pallet weight only).

HAD - Hospital Affiliation Detail

To provide detail information describing a provider's affiliation to a specific hospital

TRANSACTION SETS USED IN
274

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	546	Status Code	1	M/Z	ID	2/2
02	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
05	1270	Code List Qualifier Code	1	X	ID	1/3
06	1271	Industry Code	1	X/Z	AN	1/30

Syntax Notes

05 P0506

Semantic Notes

01 HAD01 describes the provider's medical staff status.

02 HAD02 indicates whether or not the provider actively admits patients to this hospital. A "Y" indicates the provider actively admits; an "N" indicates the provider does not actively admit.

03 HAD03 indicates whether or not this facility is the provider's primary hospital affiliation. A "Y" indicates the facility is the primary affiliation; an "N" indicates the facility is not the provider's primary affiliation.

04 HAD04 indicates whether or not the provider has clinical privileges in good standing. A "Y" indicates the provider has clinical privileges in good standing; an "N" indicates the provider does not have clinical privileges in good standing.

06 HAD06 identifies the provider's supervising department for this affiliation.

HC - Health Condition

To provide the receiving district with notice of the student's health condition status

TRANSACTION SETS USED IN

130 189

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1271	Industry Code	1	M/Z	AN	1/30
02	1271	Industry Code	1	X/Z	AN	1/30
03	1250	Date Time Period Format Qualifier	1	X	ID	2/3
04	1251	Date Time Period	1	X/Z	AN	1/35
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	1270	Code List Qualifier Code	1	M	ID	1/3
07	1270	Code List Qualifier Code	1	X	ID	1/3

Syntax Notes

02	P0207
03	P0304

Semantic Notes

01	HC01 and HC06 refer to Disease Condition Type.
02	HC02 and HC07 refer to Medical Treatment Type.
04	HC04 refers to the date the disease or condition was first encountered.
05	HC05 indicates if the disease or condition has been resolved. A "Y" indicates the disease or condition has been resolved; an "N" indicates the disease or condition has not been resolved.

HCP - Health Care Pricing

To specify pricing or repricing information about a health care claim or line item

TRANSACTION SETS USED IN
837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1473	Pricing Methodology Code	1	X	ID	2/2
02	782	Monetary Amount	1	O/Z	R	1/18
03	782	Monetary Amount	1	O/Z	R	1/18
04	127	Reference Identification	1	O/Z	AN	1/80
05	118	Rate	1	O/Z	R	1/9
06	127	Reference Identification	1	O/Z	AN	1/80
07	782	Monetary Amount	1	O/Z	R	1/18
08	234	Product/Service ID	1	O/Z	AN	1/80
09	235	Product/Service ID Qualifier	1	X	ID	2/2
10	234	Product/Service ID	1	X/Z	AN	1/80
11	355	Unit or Basis for Measurement Code	1	X	ID	2/2
12	380	Quantity	1	X/Z	R	1/15
13	901	Reject Reason Code	1	X/Z	ID	2/2
14	1526	Policy Compliance Code	1	O	ID	1/2
15	1527	Exception Code	1	O/Z	ID	1/2

Syntax Notes

01	R0113
09	P0910
11	P1112

Semantic Notes

02	HCP02 is the allowed amount.
03	HCP03 is the savings amount.
04	HCP04 is the repricing organization identification number.
05	HCP05 is the pricing rate associated with per diem or flat rate repricing.
06	HCP06 is the approved DRG code.
07	HCP07 is the approved DRG amount.
08	HCP08 is the approved revenue code.
10	HCP10 is the approved procedure code.
12	HCP12 is the approved service units or inpatient days.
13	HCP13 is the rejection message returned from the third party organization.
15	HCP15 is the exception reason generated by a third party organization.

Comments

06	HCP06, HCP07, HCP08, HCP10, and HCP12 are fields that will contain different values from the original submitted values.

HCR - Health Care Services Review

To specify the outcome of a health care services review

TRANSACTION SETS USED IN

278

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	306	Action Code	1	M	ID	1/2
02	127	Reference Identification	1	O/Z	AN	1/80
03	1271	Industry Code	5	O/Z	AN	1/30
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

02 HCR02 is the number assigned by the information source to this review outcome.

03 HCR03 is the code assigned by the information source to identify the reason for the health care service review outcome indicated in HCR01. See Code Source 886

04 HCR04 is the second surgical opinion indicator. A "Y" value indicates a second surgical opinion is required; an "N" value indicates a second surgical opinion is not required for this request.

HD - Health Coverage

To provide information on health coverage

TRANSACTION SETS USED IN

540 820 834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	875	Maintenance Type Code	1	M	ID	3/3
02	1203	Maintenance Reason Code	1	O	ID	2/3
03	1205	Insurance Line Code	1	O	ID	2/3
04	1204	Plan Coverage Description	1	O	AN	1/50
05	1207	Coverage Level Code	1	O	ID	3/3
06	609	Count	1	O/Z	N0	1/9
07	609	Count	1	O/Z	N0	1/9
08	1209	Underwriting Decision Code	1	O	ID	1/1
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	1211	Drug House Code	1	O	ID	2/3
11	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

06 HD06 is the number of collateral dependents for the primary insured. A collateral dependent is a relative related by blood or marriage who resides in the home and is dependent on the employee for support.

07 HD07 is the number of sponsored dependents for the primary insured. A sponsored dependent is a dependent between the ages of 19 and 25 who is not in school.

09 HD09 is a late enrollee indicator. A "Y" value indicates the insured is a late enrollee, which can result in a reduction of benefits; an "N" value indicates the insured is a regular enrollee.

11 HD11 is a prescription drug service coverage indicator. A "Y" value indicates that prescription drug service coverage applies; an "N" value indicates that prescription drug service coverage does not apply.

HI - Health Care Information Codes

To supply information related to the delivery of health care

TRANSACTION SETS USED IN
270 271 275 278 834 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C022	Health Care Code Information	99	M		

Semantic Notes

00 One iteration of the HI segment is allowed for each defined business usage.

HL - Hierarchical Level

To identify dependencies among and the content of hierarchically related groups of data segments

TRANSACTION SETS USED IN

105 111 112 113 132 133 148 155 157 179 186 187 194 196 242 245 248 267 270 271 274 276 277 278 284 286 500 536 561 625 650 805 811 816 837 841 842 847 856 857 858 863 869 870

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	628	Hierarchical ID Number	1	M	AN	1/12
02	734	Hierarchical Parent ID Number	1	O	AN	1/12
03	735	Hierarchical Level Code	1	M	ID	1/2
04	736	Hierarchical Child Code	1	O	ID	1/1

Comments

00 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.

00 The HL segment defines a top-down/left-right ordered structure.

01 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.

02 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.

03 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.

04 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

HLH - Health Information

To provide health information

TRANSACTION SETS USED IN
834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C061	Member Health and Treatment Information	10	O		
02	65	Height	1	O	R	1/8
03	81	Weight	1	O/Z	R	1/10
04	81	Weight	1	O/Z	R	1/10
05	352	Description	1	O/Z	AN	1/80
06	1213	Current Health Condition Code	1	O	ID	1/1
07	352	Description	1	O/Z	AN	1/80

Semantic Notes

03 HLH03 is the current weight in pounds.
04 HLH04 is the previous weight in pounds.
05 HLH05 is the reason for change in weight.
07 HLH07 describes the reason for last doctor visit.

HPL - Health Care Provider License

To provide license, certification, accreditation, and registration information for health care providers

TRANSACTION SETS USED IN

274

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	X/Z	ID	2/3
02	127	Reference Identification	1	X/Z	AN	1/80
03	546	Status Code	1	O	ID	2/2
04	156	State or Province Code	1	O/Z	ID	2/2
05	352	Description	1	O/Z	AN	1/80
06	83	Code For Licensing, Certification, Registration, or Accreditation Agency	1	X	ID	1/2

Syntax Notes

01	P0102
02	R0206

Semantic Notes

01	HPL01 indicates the kind of health care provider license or certificate.
02	HPL02 indicates the identification number of the health care provider license or certificate.
04	HPL04 contains the state providing the license when HPL01 specifies a state specific licensing agency.
05	HPL05 indicates the schedule or level associated with the license or certificate described by HPL02.

HS - Health Screening

To provide the receiving school district with information about health screening activities

TRANSACTION SETS USED IN

130

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1271	Industry Code	1	M/Z	AN	1/30
02	1250	Date Time Period Format Qualifier	1	X	ID	2/3
03	1251	Date Time Period	1	X/Z	AN	1/35
04	641	Status Reason Code	1	O/Z	ID	3/3
05	1270	Code List Qualifier Code	1	M	ID	1/3

Syntax Notes

02 P0203

Semantic Notes

01 HS01 and HS05 refer to Health Screening Type.

03 HS03 indicates the date the health screening tookplace.

04 HS04 indicates the results of the health screening.

HSD - Health Care Services Delivery

To specify the delivery pattern of health care services

TRANSACTION SETS USED IN

194 271 274 278 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	673	Quantity Qualifier	1	X	ID	2/2
02	380	Quantity	1	X	R	1/15
03	355	Unit or Basis for Measurement Code	1	O	ID	2/2
04	1167	Sample Selection Modulus	1	O	R	1/6
05	615	Time Period Qualifier	1	X	ID	1/2
06	616	Number of Periods	1	O/Z	N0	1/3
07	678	Ship/Delivery or Calendar Pattern Code	1	O	ID	1/2
08	679	Ship/Delivery Pattern Time Code	1	O	ID	1/1
09	616	Number of Periods	1	O/Z	N0	1/3
10	352	Description	1	O/Z	AN	1/80

Syntax Notes

01	P0102
06	C0605
09	C0905

Semantic Notes

06	HSD06 identifies the number of periods, or the minimum in a range of periods when HSD09 is present.
09	HSD09 identifies the maximum in a range of time periods as qualified by HSD05.
10	HSD10 is the textual description of a delivery pattern that can not be codified using only the other elements in the segment.

IA - Interconnect Mailbag Acknowledgment

To report the status of receipt and safe storage of an interconnect mailbag. The interconnect mailbag control number (IA01) is copied from the subject IH segment

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	I28	Interconnect Mailbag Control Number	1	M	N0	1/9
02	I32	Interconnect Mailbag Acknowledgment Action Code	1	M	ID	1/1
03	I33	Interconnect Mailbag Error Code	1	O	ID	2/2
04	I33	Interconnect Mailbag Error Code	1	O	ID	2/2
05	I33	Interconnect Mailbag Error Code	1	O	ID	2/2
06	I33	Interconnect Mailbag Error Code	1	O	ID	2/2
07	I33	Interconnect Mailbag Error Code	1	O	ID	2/2

IC - Intermodal Chassis Equipment

To specify the chassis equipment details in terms of identifying numbers, weights, and ownership

TRANSACTION SETS USED IN

404 410 417 421 426 451 456 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	206	Equipment Initial	1	M	AN	1/4
02	207	Equipment Number	1	M	AN	1/15
03	167	Tare Weight	1	X	N0	3/8
04	571	Tare Qualifier Code	1	X	ID	1/1
05	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
06	567	Equipment Length	1	O	N0	4/5
07	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
08	845	Chassis Type Code	1	O	ID	2/2
09	761	Equipment Number Check Digit	1	O/Z	N0	1/1

Syntax Notes

03 P0304

Semantic Notes

05 IC05 is the chassis owner.

07 IC07 is the equipment lessee.

09 IC09 is the equipment check digit for the equipment number in IC02.

ICH - Individual Characteristics

To provide personal information on an individual

TRANSACTION SETS USED IN
152 272 280

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	609	Count	1	O/Z	N0	1/9
02	1250	Date Time Period Format Qualifier	1	X	ID	2/3
03	1251	Date Time Period	1	X/Z	AN	1/35
04	1068	Gender Code	1	O	ID	1/1
05	127	Reference Identification	1	O/Z	AN	1/80
06	127	Reference Identification	1	O/Z	AN	1/80
07	156	State or Province Code	1	O/Z	ID	2/2
08	1149	Occupation Code	1	O	ID	4/6
09	1069	Individual Relationship Code	1	O/Z	ID	2/2
10	352	Description	1	O/Z	AN	1/80
11	352	Description	1	O/Z	AN	1/80
12	1588	Political Party Affiliation Code	1	O	ID	2/2

Syntax Notes

02	P0203

Semantic Notes

01	ICH01 specifies the chronological age.
03	ICH03 specifies an individual's date of birth.
05	ICH05 specifies an individual's social security number.
06	ICH06 specifies an individual's driver's license number.
07	ICH07 specifies an individual's driver's license state.
09	ICH09 specifies an individual's relationship to the policyholder.
10	ICH10 describes injuries the individual received.
11	ICH11 describes how the individual was transported to the place he/she was taken. It can also be used to describe "Other Political Party" if ICH12 is present and contains the value "OT".

ICM - Individual Income

To supply information to determine benefit eligibility, deductibles, and retirement and investment contributions

TRANSACTION SETS USED IN
834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	594	Frequency Code	1	M/Z	ID	1/1
02	782	Monetary Amount	1	M/Z	R	1/18
03	380	Quantity	1	O/Z	R	1/15
04	310	Location Identifier	1	O/Z	AN	1/30
05	1214	Salary Grade	1	O	AN	1/5
06	100	Currency Code	1	O	ID	3/3

Semantic Notes

01 ICM01 is the frequency at which an individual's wages are paid.
02 ICM02 is the yearly wages amount.
03 ICM03 is the weekly hours.
04 ICM04 is the employer location qualifier such as a department number.

ID - Inspection Detail Segment

To report the inspection results on automotive vehicles

TRANSACTION SETS USED IN

124 928

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	556	Damage Area Code	1	M	ID	2/2
02	540	Damage Type Code	1	M	ID	2/2
03	541	Damage Severity Code	1	M	ID	1/1

ID1 - Item Detail Dimensions

To transmit information about the physical characteristics of items

TRANSACTION SETS USED IN
896

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	766	U.P.C./EAN Consumer Package Code	1	X	AN	12/12
02	235	Product/Service ID Qualifier	1	X	ID	2/2
03	234	Product/Service ID	1	X	AN	1/80
04	369	Free-form Description	1	M	AN	1/45
05	357	Size	1	M	R	1/8
06	355	Unit or Basis for Measurement Code	1	M	ID	2/2
07	65	Height	1	M	R	1/8
08	189	Width	1	M	R	1/8
09	677	Item Depth	1	M	R	1/6
10	355	Unit or Basis for Measurement Code	1	M	ID	2/2
11	81	Weight	1	X	R	1/10
12	355	Unit or Basis for Measurement Code	1	X	ID	2/2
13	712	Category Reference Code	1	X	ID	1/1
14	729	Category	1	X	AN	1/6
15	730	Subcategory	1	O	AN	1/6
16	355	Unit or Basis for Measurement Code	1	O/Z	ID	2/2
17	356	Pack	1	O	N0	1/6
18	810	Inner Pack	1	O	N0	1/6
19	432	Date Qualifier	1	X	ID	2/2
20	373	Date	1	X	DT	8/8
21	814	Nesting Code	1	X	ID	1/1
22	851	Nesting	1	X	R	1/6
23	355	Unit or Basis for Measurement Code	1	X	ID	2/2
24	855	Peg Code	1	O	ID	1/1
25	355	Unit or Basis for Measurement Code	1	X	ID	2/2
26	127	Reference Identification	1	X	AN	1/80
27	863	X-Peg	1	X	R	1/6
28	864	Y-Peg	1	X	R	1/6
29	127	Reference Identification	1	X	AN	1/80
30	863	X-Peg	1	X	R	1/6
31	864	Y-Peg	1	X	R	1/6
32	127	Reference Identification	1	X	AN	1/80
33	863	X-Peg	1	X	R	1/6
34	864	Y-Peg	1	X	R	1/6

Syntax Notes

01 R0102
02 P0203
11 P1112
13 P1314
19 P1920
21 P212223
26 P262728
26 C2625
29 P293031
29 C2925
32 P323334
32 C3225

Semantic Notes

16 ID116 is the package type.

Comments

06 ID106 qualifies ID105.
10 ID110 qualifies ID107 through ID109.
25 ID125 unit of measure modifies ID126 through ID134 inclusive.
26 ID126, ID129, and ID132 contain the peg hole number. The unique peg hole numbers are 1, 2, or 3, counting from the upper left corner of the front of the package to the bottom right corner of the front (left to right, top to bottom, as you read).

ID2 - Item Image Detail

To transmit item image information

TRANSACTION SETS USED IN
896

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	878	Cash Register Item Description	1	O	AN	1/20
02	878	Cash Register Item Description	1	O	AN	1/20
03	874	Space Management Reference Code	1	X	ID	2/2
04	127	Reference Identification	1	X/Z	AN	1/80
05	93	Name	1	O/Z	AN	1/60
06	93	Name	1	O/Z	AN	1/60
07	874	Space Management Reference Code	1	X	ID	2/2
08	127	Reference Identification	1	X/Z	AN	1/80

Syntax Notes

03 P0304
07 P0708

Semantic Notes

04 ID204 is the code identifying the plot or graphic image of the item as defined by a particular space management system.
05 ID205 is the name of the manufacturer.
06 ID206 is the brand name.
08 ID208 is the code identifying the video image of the item.

Comments

01 ID201 is used for the sixteen character or less item description.
02 ID202 is used for the twenty character or less item description.

ID3 - Dimensions Detail

To provide information about the physical dimensions of the case

TRANSACTION SETS USED IN
896

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	438	U.P.C. Case Code	1	X	AN	12/12
02	235	Product/Service ID Qualifier	1	X	ID	2/2
03	234	Product/Service ID	1	X	AN	1/80
04	356	Pack	1	O	N0	1/6
05	810	Inner Pack	1	O	N0	1/6
06	65	Height	1	X	R	1/8
07	189	Width	1	X	R	1/8
08	677	Item Depth	1	X	R	1/6
09	355	Unit or Basis for Measurement Code	1	X	ID	2/2
10	81	Weight	1	X	R	1/10
11	355	Unit or Basis for Measurement Code	1	X	ID	2/2
12	183	Volume	1	X	R	1/8
13	355	Unit or Basis for Measurement Code	1	X	ID	2/2
14	967	Tray Count	1	O	N0	1/3
15	65	Height	1	X/Z	R	1/8
16	189	Width	1	X/Z	R	1/8
17	677	Item Depth	1	X/Z	R	1/6
18	355	Unit or Basis for Measurement Code	1	X	ID	2/2
19	814	Nesting Code	1	O/Z	ID	1/1
20	851	Nesting	1	X/Z	R	1/6
21	355	Unit or Basis for Measurement Code	1	X	ID	2/2

Syntax Notes

01	R0102
02	P0203
06	P06070809
10	P1011
12	P1213
14	C14151617
15	P15161718
20	P2021

Semantic Notes

15	ID315 is the tray height.
16	ID316 is the tray width.
17	ID317 is the tray depth.

ID319 is the tray nesting code.

ID320 is the tray nesting.

ID4 - Load Details

To identify shipment details that may impact the rates requested

TRANSACTION SETS USED IN

107

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	74	Declared Value	1	O	N2	2/12
02	108	Pickup or Delivery Code	1	O	ID	1/2
03	187	Weight Qualifier	1	X	ID	1/2
04	81	Weight	1	X	R	1/10
05	184	Volume Unit Qualifier	1	X	ID	1/1
06	183	Volume	1	X	R	1/8
07	1470	Number	1	O/Z	N0	1/9
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

03 P0304

05 P0506

Semantic Notes

07 ID407 is the average number of stops per shipment.

08 ID408 indicates whether or not the freight is seasonal. A "Y" indicates that the freight is seasonal; an "N" indicates that the freight is not seasonal.

09 ID409 indicates if the freight contains any hazardous materials. A "Y" indicates that the freight contains hazardous materials; an "N" indicates that the freight does not contain any hazardous materials. A "blank" is the same as an "N".

IDB - Indebtedness for Student Loans

To provide information about previously guaranteed student loans

TRANSACTION SETS USED IN
135 139 144

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1262	Loan Type Code	1	M	ID	1/2
02	522	Amount Qualifier Code	1	M	ID	1/3
03	782	Monetary Amount	1	M/Z	R	1/18
04	953	Interest Rate	1	X	R	1/6
05	1086	Loan Rate Type Code	1	X	ID	1/1

Syntax Notes

04 P0405

Semantic Notes

03 IDB03 is the outstanding balance.

IDC - Identification Card

To provide notification to produce replacement identification card(s)

TRANSACTION SETS USED IN

834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1204	Plan Coverage Description	1	M	AN	1/50
02	1215	Identification Card Type Code	1	M	ID	1/1
03	380	Quantity	1	O/Z	R	1/15
04	306	Action Code	1	O/Z	ID	1/2

Semantic Notes

03 IDC03 is the number of cards being requested.

04 IDC04 is the reason for the card being requested, i.e., add or a change.

IEA - Interchange Control Trailer

To define the end of an interchange of zero or more functional groups and interchange-related control segments

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	I16	Number of Included Functional Groups	1	M	N0	1/5
02	I12	Interchange Control Number	1	M	N0	9/9

IGI - Insurer or Guarantor Information

To identify the mortgage insurer or guarantor and provide information about the insurance coverage

TRANSACTION SETS USED IN

202

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1678	Insurer Guarantor Type Code	1	M	ID	1/1
02	1270	Code List Qualifier Code	1	X	ID	1/3
03	1271	Industry Code	1	X	AN	1/30
04	1100	Mortgage Insurance Coverage Type Code	1	O	ID	1/1
05	1679	Insurer Coverage Indicator Code	1	O	ID	1/1
06	1138	Payer Responsibility Sequence Number Code	1	O	ID	1/1

Syntax Notes

02	P0203	

IH - Interconnect Mailbag Header

To start and identify an interconnect mailbag containing zero, one, or more interconnect mailbag acknowledgments; zero, one, or more interchanges; or some combination of the two. The interconnect mailbag control number value in the interconnect mailbag header (IH) must match the value in the same data element in the corresponding interconnect mailbag trailer (IT)

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	I19	Interconnect Mailbag Version Number Code	1	M	ID	5/5
02	I20	Interconnect Mailbag Logon ID	1	O	AN	1/10
03	I21	Interconnect Mailbag Password	1	O	AN	1/10
04	I22	Interconnect Mailbag ID Qualifier Code	1	M	ID	2/2
05	I23	Interconnect Mailbag Sender ID	1	M	AN	1/15
06	I22	Interconnect Mailbag ID Qualifier Code	1	M	ID	2/2
07	I24	Interconnect Mailbag Receiver ID	1	M	AN	1/15
08	I25	Interconnect Mailbag Date	1	M	DT	6/6
09	I26	Interconnect Mailbag Time	1	M	TM	6/6
10	I27	Interconnect Mailbag Time Code	1	M	ID	2/2
11	I28	Interconnect Mailbag Control Number	1	M	N0	1/9
12	I29	Interconnect Mailbag Test Indicator Code	1	M	ID	1/1

III - Information

To report information

TRANSACTION SETS USED IN

100 111 112 124 132 148 155 175 179 186 187 189 199 201 202 205 206 252 256 259 261 262 267 268 270 271 272 284 412 811 872 874

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	X	ID	1/3
02	1271	Industry Code	1	X	AN	1/30
03	1136	Code Category	1	O/Z	ID	2/2
04	933	Free-form Message Text	1	X	AN	1/264
05	380	Quantity	1	X	R	1/15
06	C001	Composite Unit of Measure	1	O		
07	752	Surface/Layer/Position Code	1	O	ID	2/2
08	752	Surface/Layer/Position Code	1	O	ID	2/2
09	752	Surface/Layer/Position Code	1	O	ID	2/2
10	1858	Insurance Policy Coverage Type Code	1	X	ID	2/5

Syntax Notes

01	P0102
03	L03040510

Semantic Notes

03	III03 is used to categorize III04 or III10.

IIS - Interchange Identification Segment

To uniquely identify interchange control structures

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

242

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	I44	Reported Start Segment ID	1	O	AN	2/3
02	I45	Reported Control Number	1	O/Z	AN	1/14
03	I46	Reported Date	1	O	AN	1/8
04	I47	Reported Time	1	O	AN	1/8
05	I48	Reported Interchange Sender ID Qualifier	1	O	AN	1/4
06	I49	Reported Sender ID	1	O	AN	1/35
07	I50	Reported Interchange Receiver ID Qualifier	1	O	AN	1/4
08	I51	Reported Receiver ID	1	O	AN	1/35
09	I52	First Reference ID Qualifier	1	O/Z	AN	1/4
10	I53	First Reference ID	1	O	AN	1/14
11	I54	Second Reference ID Qualifier	1	O	AN	1/4
12	I55	Second Reference ID	1	O	AN	1/14
13	I61	Interchange Message Direction Code	1	O	ID	1/1
14	I64	Reported Group or Transaction Identifier	1	O	AN	2/6

Semantic Notes

02 IIS02, IIS03, IIS04, IIS05, IIS06, IIS07, and IIS08 identify the interchange control structure being reported.

09 IIS09, IIS10, IIS11, and IIS12 are used to report additional control structure identification codes.

IK3 - Implementation Data Segment Note

To report implementation errors in a data segment and identify the location of the data segment

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

999

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	721	Segment ID Code	1	M	ID	2/3
02	719	Segment Position in Transaction Set	1	M	N0	1/10
03	447	Loop Identifier Code	1	O	AN	1/6
04	620	Implementation Segment Syntax Error Code	1	O	ID	1/3

IK4 - Implementation Data Element Note

To report implementation errors in a data element or composite data structure and identify the location of the data element

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN
999

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C030	Position in Segment	1	M		
02	725	Data Element Reference Code	1	O	AN	1/4
03	621	Implementation Data Element Syntax Error Code	1	M	ID	1/3
04	724	Copy of Bad Data Element	1	O	AN	1/99

IK5 - Implementation Transaction Set Response Trailer

To acknowledge acceptance or rejection and report implementation errors in a transaction set

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

999

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	717	Transaction Set Acknowledgment Code	1	M	ID	1/1
02	618	Implementation Transaction Set Syntax Error Code	1	O	ID	1/3
03	618	Implementation Transaction Set Syntax Error Code	1	O	ID	1/3
04	618	Implementation Transaction Set Syntax Error Code	1	O	ID	1/3
05	618	Implementation Transaction Set Syntax Error Code	1	O	ID	1/3
06	618	Implementation Transaction Set Syntax Error Code	1	O	ID	1/3

IM - Intermodal Movement Information

To specify the overall movement of a shipment

TRANSACTION SETS USED IN

404 410 417

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	533	Water Movement Code	1	O	ID	1/1
02	152	Special Handling Code	1	O	ID	2/3
03	534	Inland Transportation Code	1	O/Z	ID	2/2

Semantic Notes

03 IM03 is required if IM02 is "IP" or "XP".

IMA - Interchange Move Authority

To identify the transportation interchange authority

TRANSACTION SETS USED IN
417 418 421

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	748	Movement Authority Code	1	M	ID	1/2
02	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
03	257	Tariff Application Code	1	O/Z	ID	1/1
04	257	Tariff Application Code	1	O/Z	ID	1/1
05	901	Reject Reason Code	1	O/Z	ID	2/2

Semantic Notes

02 IMA02 is the Standard Carrier Alpha Code (SCAC) of entity responsible for the movement authority in the IMA01.

03 IMA03 defines if the associated move is reciprocal, interterminal, or intraterminal.

04 IMA04 defines if the associated move is interstate or intrastate.

05 IMA05 defines the reason the equipment was rejected.

IMC - Interconnect Mailbag Client Exchange Header

To Identify within the Interconnect Mailbag a client interchange or data exchange block.

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	I66	Exchange Block Sequence	1	M	N0	1/9
02	I67	Exchange Block Type Identifier Code	1	O	ID	1/3
03	I05	Interchange ID Qualifier	1	O	ID	2/2
04	I06	Interchange Sender ID	1	O	AN	15/15
05	I05	Interchange ID Qualifier	1	O	ID	2/2
06	I07	Interchange Receiver ID	1	O	AN	15/15
07	I08	Interchange Date	1	O	DT	6/6
08	I09	Interchange Time	1	O	TM	4/4
09	I12	Interchange Control Number	1	O	N0	9/9
10	I68	Exchange Block Length	1	O	N0	1/9
11	1570	Filter ID Code	1	O	ID	3/3

IMM - Immunization Status

To provide the receiving school district or postsecondary institution with a notice of the immunization status of the student

TRANSACTION SETS USED IN
130 189 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1271	Industry Code	1	M/Z	AN	1/30
02	1250	Date Time Period Format Qualifier	1	X	ID	2/3
03	1251	Date Time Period	1	X/Z	AN	1/35
04	1254	Immunization Status Code	1	X	ID	1/2
05	755	Report Type Code	1	O	ID	2/2
06	1270	Code List Qualifier Code	1	M	ID	1/3

Syntax Notes

02	P0203
03	C0304

Semantic Notes

01	IMM01 and IMM06 refer to Immunization Type.
03	IMM03 gives the date of the immunization.

IMP - Impairment Detail

To specify impairment to a body part

TRANSACTION SETS USED IN

148

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1460	Part of Body Code	1	M	ID	2/2
02	954	Percentage as Decimal	1	O/Z	R	1/10

Semantic Notes

02 IMP02 is the percent of impairment to the body part.

IN1 - Individual Identification

To provide identification of an individual or entity

TRANSACTION SETS USED IN

111 130 135 138 146 147 155 186 189 191 197 198 199 200 201 202 205 206 261 262 265 275 280 833 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1065	Entity Type Qualifier	1	M/Z	ID	1/1
02	1107	Name Type Code	1	M/Z	ID	2/2
03	98	Entity Identifier Code	1	O/Z	ID	2/3
04	128	Reference Identification Qualifier	1	X	ID	2/3
05	127	Reference Identification	1	X	AN	1/80
06	1069	Individual Relationship Code	1	O/Z	ID	2/2
07	1131	Level of Individual, Test, or Course Code	1	O	ID	2/2

Syntax Notes

04 P0405

Semantic Notes

01 IN101 defines entity type (person or nonperson).
02 IN102 defines type or usage of name.
03 IN103 defines role of entity. If IN103 equals "03", then IN106 is required.
06 IN106 defines type of dependent relationship.

IN2 - Individual Name Structure Components

To sequence individual name components for maximum specificity

TRANSACTION SETS USED IN

101 130 131 135 138 139 144 146 147 149 155 157 189 190 191 197 198 199 200 201 202 205 206 261 262 265 280 283 521 540 813 826 833 850 855 860 865 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1104	Name Component Qualifier	1	M	ID	2/2
02	93	Name	1	M	AN	1/60
03	93	Name	1	O	AN	1/60

INC - Installment Information

To specify installment billing arrangement

TRANSACTION SETS USED IN

245 810 811 840 843 850 855 860 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	336	Terms Type Code	1	M	ID	2/2
02	C001	Composite Unit of Measure	1	M/Z		
03	380	Quantity	1	M/Z	R	1/15
04	380	Quantity	1	O/Z	R	1/15
05	782	Monetary Amount	1	X	R	1/18
06	522	Amount Qualifier Code	1	X	ID	1/3

Syntax Notes

05 P0506

Semantic Notes

02 INC02 is the installment period (e.g., months).

03 INC03 is the total number of installments.

04 INC04 is the number of the current installment.

IND - Additional Individual Demographic Information

To provide additional demographic information to the receiving school, institution, or agency to assist in identifying the particular student

TRANSACTION SETS USED IN
130 138 146 189 255 267 274

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	26	Country Code	1	O/Z	ID	2/3
02	156	State or Province Code	1	O	ID	2/2
03	1096	County Designator Code	1	O	ID	5/5
04	19	City Name	1	O	AN	2/30
05	819	Language Code	1	O/Z	ID	2/3
06	1476	Language Proficiency Indicator Code	1	O	ID	1/1
07	819	Language Code	1	O/Z	ID	2/3
08	819	Language Code	1	O/Z	ID	2/3
09	66	Identification Code Qualifier	1	X	ID	1/2
10	67	Identification Code	1	X	AN	2/80
11	66	Identification Code Qualifier	1	X	ID	1/2
12	67	Identification Code	1	X	AN	2/80

Syntax Notes

09	P0910
11	P1112

Semantic Notes

01	IND01, IND02, IND03, and IND04 refer to the place of birth.
05	IND05 refers to the student's native or first language.
07	IND07 refers to the language spoken in the home.
08	IND08 refers to the language for correspondence to the student or applicant.

ING - Ingredients

To identify a product's ingredient(s) and with the sequence order of the ingredient in the product if required, and indicate if the ingredient is genetically modified.

TRANSACTION SETS USED IN
832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	M/Z	AN	1/20
02	C068	Composite Ingredient Information	1	M		
03	332	Percent, Decimal Format	1	O/Z	R	1/6
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

00 The ING segment is not to be used for health care pharmaceuticals.
01 ING01 Is the sequence number of the ingredient in the ingredient's list.
03 ING03 Is the percent of ingredient.
04 ING04 Indicates if the ingredient is genetically modified.
04 Valid values are Y or N.
05 ING05 Indicates if the ingredient is of concern.
05 Valid values are Y or N.
06 ING06 Indicates if the ING02 is a Key Active Ingredient.
06 Valid values are Y or N.

Comments

00 This segment describes a single ingredient. Use multiple occurrences of this segment as needed to describe an ingredient list.

INI - Incorporation Information

To provide basic information concerning a corporation

TRANSACTION SETS USED IN
103 283

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	156	State or Province Code	1	M/Z	ID	2/2
02	373	Date	1	M/Z	DT	8/8
03	1065	Entity Type Qualifier	1	O	ID	1/1

Semantic Notes

01 INI01 contains the state or province in which the corporation is incorporated.

02 INI02 contains the date of incorporation.

INP - Insurance Policy Additions and Peril Coverages

To specify additional coverages or peril conditions that pertain to an insurance policy

TRANSACTION SETS USED IN

811

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	546	Status Code	1	M	ID	2/2
02	1857	Insurance Policy Additions and Perils Type Code	1	M	ID	2/2

INQ - Credit Inquiry Details

To identify results of credit inquiry

TRANSACTION SETS USED IN

155 200

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	485	Results Code	1	M	ID	1/2
02	1187	Type of Account Code	1	O	ID	2/2

INR - Information Request

To specify the type and status of information

TRANSACTION SETS USED IN

155

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1136	Code Category	1	M	ID	2/2
02	701	Information Type Code	1	M	ID	2/2
03	1201	Information Status Code	1	O	ID	1/1

INS - Insured Benefit

To provide benefit, characteristics, and identification information on insured entities.

TRANSACTION SETS USED IN

270 271 278 820 834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	1069	Individual Relationship Code	1	M	ID	2/2
03	875	Maintenance Type Code	1	O	ID	3/3
04	1203	Maintenance Reason Code	1	O	ID	2/3
05	1216	Benefit Status Code	1	O	ID	1/1
06	C052	Medicare Status Code	1	O		
07	1219	Consolidated Omnibus Budget Reconciliation Act (COBRA) Qualifying Event Code	1	O	ID	1/2
08	584	Employment Status Code	1	O	ID	2/2
09	1220	Student Status Code	1	O	ID	1/1
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
11	1250	Date Time Period Format Qualifier	1	X	ID	2/3
12	1251	Date Time Period	1	X/Z	AN	1/35
13	1165	Confidentiality Code	1	O	ID	1/1
14	19	City Name	1	O/Z	AN	2/30
15	156	State or Province Code	1	O	ID	2/2
16	26	Country Code	1	O	ID	2/3
17	1470	Number	1	O/Z	N0	1/9
18	1792	Changed Identifying Information Code	20	O	ID	1/2
19	1793	Provider Network Status Information Code	1	O	ID	1/2

Syntax Notes

11 P1112

Semantic Notes

01 INS01 indicates status of the insured. A "Y" value indicates the insured is a subscriber: an "N" value indicates the insured is a dependent.

10 INS10 is the handicapped status indicator. A "Y" value indicates an individual is handicapped; an "N" value indicates an individual is not handicapped.

12 INS12 is the date of death.

14 INS14, INS15, and INS16 identify where the employee works.

17 INS17 is the number assigned to each family member born with the same birth date. This number identifies birth sequence for multiple births allowing proper tracking and response of benefits for each dependent (i.e., twins, triplets, etc.).

INT - Interest

To specify interest rate and type and the applicable time period

TRANSACTION SETS USED IN

103 202 203 205 248 259 260 264 266

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	547	Interest Type Code	1	M/Z	ID	1/2
02	953	Interest Rate	1	O/Z	R	1/6
03	1250	Date Time Period Format Qualifier	1	X/Z	ID	2/3
04	1251	Date Time Period	1	X/Z	AN	1/35
05	380	Quantity	1	X/Z	R	1/15
06	673	Quantity Qualifier	1	X	ID	2/2

Syntax Notes

03	P0304
05	P0506

Semantic Notes

01	INT01 indicates the type of interest, for example, mortgage note or debenture interest.
02	INT02 is the interest rate as a percentage.
03	INT03 indicates the range of date format for INT04.
04	INT04 indicates the range of dates to which the interest rate applies.
05	INT05 and INT06 define in terms of quantity the period of time to which the interest rate applies.

INV - Investment Vehicle Selection

To specify type of investment vehicle or account and other basic data about the investment

TRANSACTION SETS USED IN
267 273 820 823 834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	352	Description	1	M/Z	AN	1/80
02	954	Percentage as Decimal	1	X/Z	R	1/10
03	782	Monetary Amount	1	X/Z	R	1/18
04	380	Quantity	1	X/Z	R	1/15
05	156	State or Province Code	1	O/Z	ID	2/2
06	352	Description	1	O/Z	AN	1/80
07	782	Monetary Amount	1	O/Z	R	1/18

Syntax Notes

02 E020304

Semantic Notes

01 INV01 is the investment fund description of the "receiving" or "to" investment fund.

02 INV02 is the percent of contribution amount to be deposited into the investment fund described in INV01.

03 INV03 is the dollar amount to be deposited into the investment fund described in INV01.

04 INV04 is the number of units or shares to be invested in the investment fund described in INV01.

05 INV05 is the state of sale for the investment fund described in INV01.

06 INV06 is the "originating" or "from" investment fund description for an interfund transfer.

07 INV07 is the current balance of the investment fund described in INV01.

INX - Index Detail

To specify an index

TRANSACTION SETS USED IN

194

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1550	Index Qualifier	1	M	ID	1/2
02	C036	Index Identification	1	M		

IPU - Insurance Policy Update Information

To provide information pertaining to changes to an insurance policy

TRANSACTION SETS USED IN

266 811 820

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1203	Maintenance Reason Code	1	O/Z	ID	2/3
02	1859	Insurance Line of Business Code	1	O	ID	3/5
03	1860	Policy Cancellation Reason Code	1	O	ID	3/3
04	933	Free-form Message Text	1	O/Z	AN	1/264
05	336	Terms Type Code	1	O/Z	ID	2/2
06	689	Occupancy Code	1	O	ID	2/2
07	1321	Condition Indicator Code	1	O/Z	ID	2/3

Semantic Notes

01 IPU01 identifies the reason for insurance policy maintenance.

04 IPU04 provides the private flood Compliance Aid Statement, as determined by the code selected In IPU02.

05 IPU05 identifies the policy renewal term.

07 IPU07 identifies the type of mortgage.

Comments

00 IPU03 is used when selecting a cancellation code from IPU01

00 IPU06 is used with mortgage policies

IRA - Investor Reporting Action

To identify actions on or status of the mortgage

TRANSACTION SETS USED IN
203

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1376	Investor Reporting Action Code	1	M	ID	2/2
02	1250	Date Time Period Format Qualifier	1	X	ID	2/3
03	1251	Date Time Period	1	X/Z	AN	1/35

Syntax Notes

02 P0203

Semantic Notes

03 IRA03 is the effective date of the action or status.

IRP - Report Selection Segment

To identify report selection criteria

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

242

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	I58	Interchange Report Type Code	1	M	ID	1/1
02	I59	Interchange Report Identifier	1	O	AN	1/35
03	I60	Interchange Report Incremental Indicator Code	1	O	ID	1/1
04	I61	Interchange Message Direction Code	1	O	ID	1/1
05	I62	Interchange Report Status Level Code	1	O	ID	1/1
06	I63	Interchange Report Level of Detail Code	1	O	ID	1/1
07	678	Ship/Delivery or Calendar Pattern Code	1	O	ID	1/2

IS1 - Estimated Time of Arrival and Car Scheduling

To transmit basic data relating to car scheduling information

TRANSACTION SETS USED IN

421 456

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	206	Equipment Initial	1	M/Z	AN	1/4
03	207	Equipment Number	1	M	AN	1/15
04	322	Load/Empty Status Code	1	M	ID	1/1
05	1487	Retrip Reason Code	1	O	ID	2/2
06	301	Car Type Code	1	O	ID	1/4
07	1271	Industry Code	1	O/Z	AN	1/30
08	40	Equipment Description Code	1	O	ID	2/2

Semantic Notes

02 IS102 and IS103 are the car initial and number for carload shipments and the container/trailer number for Trailer on Freight Car (TOFC) or Container on Freight Car (COFC) intermodal shipments.

07 IS107 is the estimated time of interchange (ETI) category response code.

IS2 - Scheduled Events

To transmit scheduled events such as arrivals, departures, and interchange times

TRANSACTION SETS USED IN
421 456

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	304	Event Code	1	M	ID	3/3
03	190	Accomplish Code	1	M	ID	1/1
04	154	Standard Point Location Code	1	M/Z	ID	6/9
05	373	Date	1	M/Z	DT	8/8
06	337	Time	1	M	TM	4/8
07	623	Time Code	1	O	ID	2/2
08	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
09	41	Interchange Train Identification	1	O/Z	AN	1/10
10	373	Date	1	O/Z	DT	8/8
11	42	Block Identifier	1	O	AN	1/12
12	373	Date	1	O/Z	DT	8/8
13	337	Time	1	O/Z	TM	4/8
14	373	Date	1	O/Z	DT	8/8
15	337	Time	1	O/Z	TM	4/8
16	19	City Name	1	X/Z	AN	2/30
17	156	State or Province Code	1	O	ID	2/2

Syntax Notes

17 C1716

Semantic Notes

01 IS201 is the reporting carrier.
04 IS204 is the scheduled event completion location.
05 IS205, IS206, and IS207 are the scheduled event date, time, and time zone.
08 IS208 is the receiving road.
09 IS209 is the train identification number.
10 IS210 is the train origination date.
12 IS212 is the earliest cutoff date.
13 IS213 is the earliest cutoff time.
14 IS214 is the latest cutoff date.
15 IS215 is the latest cutoff time.
16 IS216 is the city for the Standard Point Location Code in IS204.

ISA - Interchange Control Header

To start and identify an interchange of zero or more functional groups and interchange-related control segments

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	I01	Authorization Information Qualifier	1	M	ID	2/2
02	I02	Authorization Information	1	M	AN	10/10
03	I03	Security Information Qualifier	1	M	ID	2/2
04	I04	Security Information	1	M	AN	10/10
05	I05	Interchange ID Qualifier	1	M	ID	2/2
06	I06	Interchange Sender ID	1	M	AN	15/15
07	I05	Interchange ID Qualifier	1	M	ID	2/2
08	I07	Interchange Receiver ID	1	M	AN	15/15
09	I08	Interchange Date	1	M	DT	6/6
10	I09	Interchange Time	1	M	TM	4/4
11	I65	Repetition Separator	1	M		1/1
12	I11	Interchange Control Version Number Code	1	M	ID	5/5
13	I12	Interchange Control Number	1	M	N0	9/9
14	I13	Acknowledgment Requested Code	1	M	ID	1/1
15	I14	Interchange Usage Indicator Code	1	M	ID	1/1
16	I15	Component Data Element Separator	1	M		1/1

ISB - Grade of Service Request Segment

To request a delivery priority for this interchange higher or lower than normally provided

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	I34	Grade of Service Code	1	M	ID	1/1

ISC - Interline Service Commitment Detail

To identify the service commitment schedules

TRANSACTION SETS USED IN
421 453 456

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	154	Standard Point Location Code	1	M/Z	ID	6/9
03	304	Event Code	1	M	ID	3/3
04	1250	Date Time Period Format Qualifier	1	X	ID	2/3
05	1251	Date Time Period	1	X/Z	AN	1/35
06	337	Time	1	O/Z	TM	4/8
07	607	Number of Days	1	O/Z	N0	1/3
08	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
09	41	Interchange Train Identification	1	O	AN	1/10
10	42	Block Identifier	1	O	AN	1/12
11	19	City Name	1	X/Z	AN	2/30
12	156	State or Province Code	1	X/Z	ID	2/2

Syntax Notes

04	P0405
11	P1112

Semantic Notes

01	ISC01 is the Standard Carrier Alpha Code (SCAC) of the carrier corresponding to the event.
02	ISC02 is the Standard Point Location Code corresponding to an event location.
05	ISC05 is the service commitment date for committed interchanges and arrivals.
06	ISC06 is the cutoff time for the event with the open window time specified in ISC05 (HHMM 24-hour clock).
07	ISC07 is the relative number of days after the start of trip date and is only used when communicating a commitment.
08	ISC08 is the carrier receiving the shipment at the event location.
11	ISC11 is the City Name for the Standard Point Location Code (SPLC) in ISC02.
12	ISC12 is the State or Province for the Standard Point Location Code (SPLC) in ISC02.

ISD - Railroad Interline Service Definition Detail

To identify service commitment starting events

TRANSACTION SETS USED IN
453

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	154	Standard Point Location Code	1	M/Z	ID	6/9
03	304	Event Code	1	M	ID	3/3
04	337	Time	1	M/Z	TM	4/8

Semantic Notes

01 ISD01 is the Standard Carrier Alpha Code (SCAC) corresponding to the first carrier in the route defining the service commitment.

02 ISD02 is the location of the event.

04 ISD04 is the latest time that the event described in ISD03 may occur.

ISE - Deferred Delivery Request Segment

To specify the earliest time when the interchange can be delivered

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	I35	Interchange Delivery Date	1	M	DT	6/6
02	I36	Interchange Delivery Time	1	M	TM	4/4
03	I37	Interchange Delivery Time Code	1	O	ID	2/2

Comments

03	If the delivery time code is omitted, the qualifier will be assumed to be universal time coordinate (UTC).

ISI - Institutional Staff Information

To provide information about number and type of staff in an institution

TRANSACTION SETS USED IN
132 133

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	M/Z	ID	1/3
02	1271	Industry Code	5	M/Z	AN	1/30
03	1131	Level of Individual, Test, or Course Code	1	O	ID	2/2
04	C056	Composite Race or Ethnicity Information	5	O/Z		
05	380	Quantity	1	O/Z	R	1/15
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

01 ISI01 and ISI02 identify the industry code source and industry code for the educational staff type.

02 All occurrences of ISI02 are codes from the list specified in ISI01.

02 One or more occurrences of ISI02 are used to describe a single staff type. The positionality of the occurrences is not significant.

02 All occurrences of ISI02 apply to the race or ethnicity described by the occurrences of ISI04.

04 One or more occurrences of ISI04 are used to provide a race or ethnicity description. The positionality of the occurrences of ISI04 is not significant.

04 All occurrences of ISI04 apply to the single staff type described by the occurrences of ISI02.

05 ISI05 provides the number of educational institution staff of the type and level specified in ISI02 and ISI03.

06 ISI06 indicates whether all institution instructional staff are of the type and level specified in ISI02 and ISI03. A "Y" indicates that all institution instructional staff are of the type and level specified in ISI02 and ISI03; an "N" indicates that not all institution instructional staff are of the type and level specified in ISI02 and ISI03.

ISR - Item Status Report

To specify detailed purchase order/item status

TRANSACTION SETS USED IN

870

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	368	Shipment/Order Status Code	1	M/Z	ID	2/2
02	373	Date	1	O	DT	8/8
03	641	Status Reason Code	1	O	ID	3/3

Semantic Notes

01 If ISR01 specifies a date, ISR02 is required.

ISS - Invoice Shipment Summary

To specify summary details of total items shipped in terms of quantity, weight, and volume

TRANSACTION SETS USED IN

304 810 857

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	382	Number of Units Shipped	1	X	R	1/10
02	355	Unit or Basis for Measurement Code	1	X	ID	2/2
03	81	Weight	1	X	R	1/10
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	183	Volume	1	X	R	1/8
06	355	Unit or Basis for Measurement Code	1	X	ID	2/2
07	380	Quantity	1	O/Z	R	1/15
08	81	Weight	1	O/Z	R	1/10

Syntax Notes

01	R010305
01	P0102
03	P0304
05	P0506

Semantic Notes

07	ISS07 is the quantity of third party pallets.
08	ISS08 is the gross weight of third party pallets in pounds.

ISX - Interchange Syntax Extension

To allow the interchange sender to specify additional information required for the interchange receiver to perform syntax interpretation of the interchange. This segment allows specification of a release character, character encoding, and similar capabilities.

CONTROL SEGMENT

TRANSACTION SETS USED IN
None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	I69	Release Character	1	O		1/1
02	I70	Character Encoding	1	O	ID	1/2
03	I71	Overriding X12 Version / Release Code	1	X/Z	ID	6/6
04	I72	Industry Identifier	1	X/Z	AN	1/15

Syntax Notes

04	C0403

Semantic Notes

03	Overriding code reference applies to interchange content.
03	Value must be a published ASC X12 version/release of an X12 standard.
03	When an ISX03 value is received in an interchange, all code value validation for code values defined by the X12 base Standard will be made against the X12 version conveyed by this element. This value overrides, for code value validation only, the first six characters of GS08 when GS07 equals "X." This applies to any functional groups contained within the interchange, and does not override the transaction set, loop, segment, or data element attributes.
03	In order to use ISX03, the sender must have explicit agreement of the receiver.
04	When an ISX04 value is received in an interchange, all code value validation for code values defined by the X12 Standard will be made against the implementation guide conveyed by this element. ISX04 constrains the full set of codes from the X12 standard specified in ISX03.

IT - Interconnect Mailbag Trailer

To define the end of an interconnect mailbag. The interconnect mailbag control number value in the interconnect mailbag trailer (IT) must match the value in the same data element in the corresponding interconnect mailbag header (IH)

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	I28	Interconnect Mailbag Control Number	1	M	N0	1/9
02	I30	Interconnect Mailbag Acknowledgment Count	1	M	N0	1/4
03	I31	Interconnect Mailbag Interchange Count	1	M	N0	1/5

IT1 - Baseline Item Data (Invoice)

To specify the basic and most frequently used line item data for the invoice and related transactions

TRANSACTION SETS USED IN

142 215 268 412 810 811 820 823 857

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O/Z	AN	1/20
02	358	Quantity Invoiced	1	X	R	1/15
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	212	Unit Price	1	X	R	1/17
05	639	Basis of Unit Price Code	1	O	ID	2/2
06	235	Product/Service ID Qualifier	1	X	ID	2/2
07	234	Product/Service ID	1	X	AN	1/80
08	235	Product/Service ID Qualifier	1	X	ID	2/2
09	234	Product/Service ID	1	X	AN	1/80
10	235	Product/Service ID Qualifier	1	X	ID	2/2
11	234	Product/Service ID	1	X	AN	1/80
12	235	Product/Service ID Qualifier	1	X	ID	2/2
13	234	Product/Service ID	1	X	AN	1/80
14	235	Product/Service ID Qualifier	1	X	ID	2/2
15	234	Product/Service ID	1	X	AN	1/80
16	235	Product/Service ID Qualifier	1	X	ID	2/2
17	234	Product/Service ID	1	X	AN	1/80
18	235	Product/Service ID Qualifier	1	X	ID	2/2
19	234	Product/Service ID	1	X	AN	1/80
20	235	Product/Service ID Qualifier	1	X	ID	2/2
21	234	Product/Service ID	1	X	AN	1/80
22	235	Product/Service ID Qualifier	1	X	ID	2/2
23	234	Product/Service ID	1	X	AN	1/80
24	235	Product/Service ID Qualifier	1	X	ID	2/2
25	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

02	P020304
06	P0607
08	P0809
10	P1011
12	P1213
14	P1415
16	P1617
18	P1819
20	P2021

22 P2223
24 P2425

Semantic Notes

01 IT101 is the line item identification.

Comments

00 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.

06 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.

IT3 - Additional Item Data

To specify additional item details relating to variations between ordered and shipped quantities, or to specify alternate units of measures and quantities

TRANSACTION SETS USED IN
810 850 857

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	382	Number of Units Shipped	1	X	R	1/10
02	355	Unit or Basis for Measurement Code	1	X	ID	2/2
03	368	Shipment/Order Status Code	1	X	ID	2/2
04	383	Quantity Difference	1	X	R	1/9
05	371	Change Reason Code	1	X	ID	2/2

Syntax Notes

01	P0102
01	R01030405

IT8 - Conditions of Sale

To specify general conditions or requirements and to detail conditions for substitution of alternate products

TRANSACTION SETS USED IN
840 843 850 855 860 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	563	Sales Requirement Code	1	X	ID	1/2
02	306	Action Code	1	X	ID	1/2
03	610	Amount	1	X/Z	N2	1/15
04	508	Account Number	1	O/Z	AN	1/35
05	373	Date	1	X/Z	DT	8/8
06	559	Agency Qualifier Code	1	O	ID	2/2
07	566	Product/Service Substitution Code	1	X	ID	1/2
08	235	Product/Service ID Qualifier	1	X	ID	2/2
09	234	Product/Service ID	1	X	AN	1/80
10	235	Product/Service ID Qualifier	1	X	ID	2/2
11	234	Product/Service ID	1	X	AN	1/80
12	235	Product/Service ID Qualifier	1	X	ID	2/2
13	234	Product/Service ID	1	X	AN	1/80
14	235	Product/Service ID Qualifier	1	X	ID	2/2
15	234	Product/Service ID	1	X	AN	1/80
16	235	Product/Service ID Qualifier	1	X	ID	2/2
17	234	Product/Service ID	1	X	AN	1/80
18	235	Product/Service ID Qualifier	1	X	ID	2/2
19	234	Product/Service ID	1	X	AN	1/80
20	235	Product/Service ID Qualifier	1	X	ID	2/2
21	234	Product/Service ID	1	X	AN	1/80
22	235	Product/Service ID Qualifier	1	X	ID	2/2
23	234	Product/Service ID	1	X	AN	1/80
24	235	Product/Service ID Qualifier	1	X	ID	2/2
25	234	Product/Service ID	1	X	AN	1/80
26	235	Product/Service ID Qualifier	1	X	ID	2/2
27	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

01	R0102030507
08	P0809
10	P1011
12	P1213
14	P1415
16	P1617
18	P1819

20 P2021
22 P2223
24 P2425
26 P2627

Semantic Notes

03 IT803 is the maximum monetary amount value which the order must not exceed.
04 IT804 is the account number to which the purchase amount is to be charged.
05 IT805 is the date specified by the sender to be shown on the invoice.

Comments

00 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
08 IT808 through IT827 provides for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

ITA - Allowance, Charge or Service

To specify allowances, charges, or services

TRANSACTION SETS USED IN

140 142 143 187 219 220 811 819 851 859 867

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	248	Allowance or Charge Indicator Code	1	M	ID	1/1
02	559	Agency Qualifier Code	1	X	ID	2/2
03	560	Special Services Code	1	X	ID	2/10
04	331	Allowance or Charge Method of Handling Code	1	M	ID	2/2
05	341	Allowance or Charge Number	1	O	AN	1/16
06	359	Allowance or Charge Rate	1	O	R	1/15
07	360	Allowance or Charge Total Amount	1	O	N2	1/15
08	378	Allowance/Charge Percent Qualifier	1	O	ID	1/1
09	332	Percent, Decimal Format	1	X/Z	R	1/6
10	380	Quantity	1	X/Z	R	1/15
11	355	Unit or Basis for Measurement Code	1	X	ID	2/2
12	380	Quantity	1	X/Z	R	1/15
13	352	Description	1	X	AN	1/80
14	150	Special Charge or Allowance Code	1	X	ID	3/3
15	822	Source Subqualifier	1	O	AN	1/15
16	662	Relationship Code	1	O	ID	1/1
17	355	Unit or Basis for Measurement Code	1	O	ID	2/2

Syntax Notes

02 L02031314
08 C0809
10 P1011
15 C1502
17 C1712

Semantic Notes

09 ITA09 is the allowance or charge percent.
10 ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
12 ITA12 is the quantity of free goods.

Comments

01 If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present.
02 ITA02 identifies the source of the code value in ITA03 or ITA15.
07 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
13 ITA13 is used to clarify the allowance, charge, or service.

15 ITA15 specifies the individual code list of the agency specified in ITA02.
16 ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

ITC - Information Type and Comment Results

To specify the results of a general request for information

TRANSACTION SETS USED IN
155

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1629	Information Request Result Code	1	M	ID	1/1
02	701	Information Type Code	1	X	ID	2/2
03	1201	Information Status Code	1	O	ID	1/1
04	306	Action Code	1	O	ID	1/2
05	703	Financial Information Type Code	1	X	ID	1/1
06	604	Consolidation Code	1	O	ID	1/1
07	1321	Condition Indicator Code	1	O/Z	ID	2/3
08	1633	Financial Statement Format Code	1	O/Z	ID	1/1
09	61	Free-form Information	1	X/Z	AN	1/30
10	344	Unit of Time Period or Interval Code	1	X/Z	ID	2/2
11	352	Description	1	X/Z	AN	1/80
12	261	Source of Disclosure Code	1	O	ID	1/1

Syntax Notes

03	C0302
04	C0402
05	E0509
06	C0605
07	C0705
08	C0805
10	E1011
10	L100509
11	L110509

Semantic Notes

07	ITC07 specifies the condition of the financial information.
08	ITC08 specifies the original format of the financial information.
09	ITC09 provides a free-form description of the financial information.
10	The ITC10 defines the time frame period relating to the financial information type identified in ITC05 or ITC09.
11	ITC11 provides a free-form description of the period covered by the financial information in ITC05 or ITC09.

ITD - Terms of Sale/Deferred Terms of Sale

To specify terms of sale

TRANSACTION SETS USED IN

110 140 210 304 561 810 811 812 819 830 832 836 838 840 843 845 850 855 857 858 859 860 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	336	Terms Type Code	1	O	ID	2/2
02	333	Terms Basis Date Code	1	O	ID	1/2
03	338	Terms Discount Percent	1	O	R	1/6
04	370	Terms Discount Due Date	1	X	DT	8/8
05	351	Terms Discount Days Due	1	X	N0	1/3
06	446	Terms Net Due Date	1	O	DT	8/8
07	386	Terms Net Days	1	O	N0	1/3
08	362	Terms Discount Amount	1	O	N2	1/10
09	388	Terms Deferred Due Date	1	O	DT	8/8
10	389	Deferred Amount Due	1	X	N2	1/10
11	342	Percent of Invoice Payable	1	X	R	1/5
12	352	Description	1	O	AN	1/80
13	765	Day of Month	1	X	N0	1/2
14	107	Payment Method Type Code	1	O	ID	1/2
15	954	Percentage as Decimal	1	O/Z	R	1/10

Syntax Notes

03 L03040513
08 L08040513
09 L091011

Semantic Notes

15 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments

01 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

ITS - Item Selection

To specify the item selection type and item scope.

TRANSACTION SETS USED IN

892

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1782	Item Selection Type Code	1	M/Z	ID	2/2
02	352	Description	1	O/Z	AN	1/80
03	1782	Item Selection Type Code	1	X/Z	ID	2/2
04	352	Description	1	O/Z	AN	1/80

Syntax Notes

04 C0403

Semantic Notes

01 ITS01 identifies the item selection that will be used in calculating the performance measure. The item selected will vary depending on trading partners, and may range from an individual product, such as 'Brand X - 12 ounce can of peas' to all products that the customer distributes.

02 ITS02, when used, provides information about the item selected in ITS01.

03 ITS03 identifies or restricts the scope of the item selection in ITS01.

04 ITS04, when used, provides information about the item selected in ITS03.

IV1 - Lane Estimates

To identify data applicable to the lanes covered by this proposal

TRANSACTION SETS USED IN

107

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	184	Volume Unit Qualifier	1	X	ID	1/1
02	183	Volume	1	X	R	1/8
03	1470	Number	1	O/Z	N0	1/9
04	91	Transportation Method/Type Code	1	O	ID	1/2
05	344	Unit of Time Period or Interval Code	1	O/Z	ID	2/2

Syntax Notes

01	P0102
05	C0502

Semantic Notes

03	IV103 is the number of miles that will be used to calculate the rate for this lane.
05	IV105 is the time period for the volume indicated in IV102.

IVT - Inventory Parameters

To specify parameters pertaining to inventory measurements.

TRANSACTION SETS USED IN

892

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	673	Quantity Qualifier	1	M/Z	ID	2/2
02	1781	Demand Estimation Type Code	1	M/Z	ID	2/2

Semantic Notes

01 IVT01 identifies the inventory measurement basis used in determining a performance measure.

02 IVT02 identifies the technique used in estimating demand.

JCT - Railroad Junction Information

To indicate railroad junction carriers and interchange information

TRANSACTION SETS USED IN
437

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
03	573	Freight Station Accounting Code	1	O/Z	ID	1/5
04	573	Freight Station Accounting Code	1	O/Z	ID	1/5
05	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
06	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
07	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
08	1560	Interchange Type Code	1	M	ID	1/1
09	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1

Semantic Notes

01 JCT01 is carrier number one.

02 JCT02 is carrier number two.

03 JCT03 is the Freight Station Accounting Code for carrier number one.

04 JCT04 is the Freight Station Accounting Code for carrier number two.

05 JCT05 is the reporting road for carrier number one.

06 JCT06 is the reporting road for carrier number two.

07 If JCT07 is "Y", then a junction advice should be suppressed. If "N", then a junction advice should be provided.

09 If JCT09 is "Y", then this delivery report should trigger a junction advice. If "N", then receipt report should not trigger a junction advice.

JID - Equipment Detail

To specify equipment charged within a particular service code

TRANSACTION SETS USED IN

819

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	235	Product/Service ID Qualifier	1	M	ID	2/2
02	234	Product/Service ID	1	M	AN	1/80
03	380	Quantity	1	X	R	1/15
04	C001	Composite Unit of Measure	1	O		
05	286	Product/Service Condition Code	1	O	ID	2/2
06	782	Monetary Amount	1	O	R	1/18

Syntax Notes

04		C0403

JIL - Line Item Detail for the Operating Expense Statement

To specify the service code or classification the expense will be charged to and provide the required expense data

TRANSACTION SETS USED IN

805 819

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	235	Product/Service ID Qualifier	1	M	ID	2/2
02	234	Product/Service ID	1	M	AN	1/80
03	782	Monetary Amount	1	X	R	1/18
04	128	Reference Identification Qualifier	1	X	ID	2/3
05	127	Reference Identification	1	X	AN	1/80
06	373	Date	1	O/Z	DT	8/8
07	522	Amount Qualifier Code	1	O/Z	ID	1/3

Syntax Notes

04 P0405

07 C0703

Semantic Notes

06 JIL06 is the date the transaction occurred.

07 JIL07 qualifies the type of monetary amount given in JIL03.

JIT - Just-In-Time Schedule

To identify the specific shipping/delivery time in terms of a 24-hour clock and identify the associated quantity

TRANSACTION SETS USED IN

862

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M	R	1/15
02	337	Time	1	M	TM	4/8

JL - Journal Identification

To indicate the carrier, date, time, and individual making a journal entry

TRANSACTION SETS USED IN

468

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	373	Date	1	M	DT	8/8
03	337	Time	1	M	TM	4/8
04	93	Name	1	O	AN	1/60

JS - Rail Junction Settlement Role Information

To define the interchange carriers and their roles

TRANSACTION SETS USED IN

437

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	1561	Rail Junction Settlement Role Code	1	M/Z	ID	1/1
03	140	Standard Carrier Alpha Code	1	M	ID	2/4
04	1561	Rail Junction Settlement Role Code	1	M/Z	ID	1/1

Semantic Notes

02 $02 qualifies $01.

04 $04 qualifies $03.

K1 - Remarks

To transmit information in a free-form format for comment or special instruction

TRANSACTION SETS USED IN

128 210 211 214 272 300 301 304 310 311 312 322 323 350 352 353 355 361 468 854

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	61	Free-form Information	1	M	AN	1/30
02	61	Free-form Information	1	O	AN	1/30

K2 - Administrative Message

To transmit information in a free-form format for comment or special instruction

TRANSACTION SETS USED IN

112 194 213 216 267 272 833

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	352	Description	1	M	AN	1/80

K3 - File Information

To transmit a fixed-format record or matrix contents

TRANSACTION SETS USED IN
194 273 355 436 834 835 837 996

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	449	Fixed Format Information	1	M	AN	1/80
02	1333	Record Format Code	1	O	ID	1/2
03	C001	Composite Unit of Measure	1	O/Z		

Semantic Notes

03 K303 identifies the value of the index.

Comments

02 The default for K302 is content.

L0 - Line Item - Quantity and Weight

To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data

TRANSACTION SETS USED IN

104 110 210 300 301 304 310 311 312 317 322 404 410 417 426 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	213	Lading Line Item Number	1	O	N0	1/6
02	220	Billed/Rated-as Quantity	1	X	R	1/11
03	221	Billed/Rated-as Qualifier	1	X	ID	2/2
04	81	Weight	1	X	R	1/10
05	187	Weight Qualifier	1	X	ID	1/2
06	183	Volume	1	X	R	1/8
07	184	Volume Unit Qualifier	1	X	ID	1/1
08	80	Lading Quantity	1	X/Z	N0	1/7
09	211	Packaging Form Code	1	X	ID	3/3
10	458	Dunnage Description	1	O	AN	2/25
11	188	Weight Unit Code	1	O	ID	1/1
12	56	Type of Service Code	1	O	ID	2/2
13	380	Quantity	1	X/Z	R	1/15
14	211	Packaging Form Code	1	O	ID	3/3
15	1073	Yes/No Condition or Response Code	1	X/Z	ID	1/1

Syntax Notes

02	P0203
04	P0405
06	P0607
08	P0809
11	C1104
13	P1315

Semantic Notes

08	L008 is the number of handling units of the line item tendered to the carrier.
13	L013 can only be used if the code in L009 is PLT, SKD, or SLP.
15	L015 designates whether the carrier will be required to verify the number of units contained on a pallet, slip sheet or skid. Code "Y" indicates that the carrier will be required to verify. Code "N" indicates that the carrier will not be required to verify.

Comments

13	L013 is used to convey the total number of boxes, cartons, or pieces contained on a pallet, skid, or slip sheet for the line item.

L1 - Rate and Charges

To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements

TRANSACTION SETS USED IN

104 110 210 223 300 301 304 310 312 404 410 417 426 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	213	Lading Line Item Number	1	O	N0	1/6
02	60	Freight Rate	1	X	R	1/15
03	122	Rate/Value Qualifier	1	X	ID	2/2
04	58	Amount Charged	1	X	N2	1/15
05	191	Advances	1	X	N2	1/9
06	117	Prepaid Amount	1	X	N2	1/15
07	120	Rate Combination Point Code	1	O	AN	3/9
08	150	Special Charge or Allowance Code	1	O	ID	3/3
09	121	Rate Class Code	1	O	ID	1/3
10	39	Entitlement Code	1	O	ID	1/1
11	16	Charge Method of Payment Code	1	O	ID	1/1
12	276	Special Charge Description	1	O	AN	2/25
13	257	Tariff Application Code	1	O	ID	1/1
14	74	Declared Value	1	X	N2	2/12
15	122	Rate/Value Qualifier	1	X	ID	2/2
16	372	Lading Liability Code	1	O	ID	1/1
17	220	Billed/Rated-as Quantity	1	X	R	1/11
18	221	Billed/Rated-as Qualifier	1	X	ID	2/2
19	954	Percentage as Decimal	1	O/Z	R	1/10
20	100	Currency Code	1	O/Z	ID	3/3
21	610	Amount	1	O/Z	N2	1/15
22	148	Lading Value	1	O	R	2/9

Syntax Notes

02	P0203
04	R040506
14	P1415
17	P1718

Semantic Notes

19	L119 is the percent used to determine the charge in L104.
20	L120, if used, indicates the currency for all monetary amounts in this L1 segment.
21	L121 is the origin rated as charge amount.

L10 - Weight Information

To transmit weight information

TRANSACTION SETS USED IN

110 213 470 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	81	Weight	1	M	R	1/10
02	187	Weight Qualifier	1	M	ID	1/2
03	188	Weight Unit Code	1	O	ID	1/1

L11 - Business Instructions and Reference Number

To specify instructions in this business relationship or a reference number

TRANSACTION SETS USED IN

163 194 204 210 211 212 214 215 217 219 220 222 223 224 225 227 228 240 250 304 310 312 753 754 854 920 990

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	X	AN	1/80
02	128	Reference Identification Qualifier	1	X	ID	2/3
03	352	Description	1	X	AN	1/80
04	373	Date	1	O/Z	DT	8/8
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

01 R0103

01 P0102

Semantic Notes

04 L1104 contains data relating to the qualifier cited in L1102.

05 L1105 indicates if the reference numbers included in this transmission were transmitted to the carrier in electronic format or key entered by the carrier. A "Y" indicates the carrier utilized the electronic shipper supplied reference information to create this document. A "N" indicates the carrier key entered the reference information from a shipper supplied document.

L12 - Alternate Lading Description

To provide lading description beyond what is required for rating and billing purposes

TRANSACTION SETS USED IN

304

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	592	Lading Description Qualifier	1	O	ID	1/1
02	352	Description	1	O	AN	1/80

L13 - Commodity Details

To specify the commodity details

TRANSACTION SETS USED IN
601

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	23	Commodity Code Qualifier	1	M	ID	1/2
02	22	Commodity Code	1	M	AN	1/30
03	355	Unit or Basis for Measurement Code	1	M	ID	2/2
04	380	Quantity	1	M	R	1/15
05	522	Amount Qualifier Code	1	M	ID	1/3
06	782	Monetary Amount	1	M	R	1/18
07	554	Assigned Number	1	M/Z	N0	1/9
08	355	Unit or Basis for Measurement Code	1	X	ID	2/2
09	380	Quantity	1	X	R	1/15
10	188	Weight Unit Code	1	X	ID	1/1
11	81	Weight	1	X	R	1/10
12	369	Free-form Description	1	O/Z	AN	1/45
13	1578	Export Exception Code	1	O	ID	2/2
14	306	Action Code	1	O	ID	1/2
15	1589	Harbor Maintenance Fee (HMF) Exemption Code	1	X	AN	1/2
16	610	Amount	1	X/Z	N2	1/15

Syntax Notes

08	P0809
10	P1011
15	P1516

Semantic Notes

07	L1307 is a sequential control number assigned by the sender. It must be unique within a statistical month.
12	L1312 is any additional description of the commodity that could help distinguish it from other similar commodities.
16	L1316 is the amount of the exemption from the Harbor Maintenance Fee (HMF).

L1A - Billing Identification

To identify the road issuing the freight bill and the amount for which the freight bill was issued

TRANSACTION SETS USED IN

426

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	610	Amount	1	O/Z	N2	1/15
02	140	Standard Carrier Alpha Code	1	O	ID	2/4

Semantic Notes

01 L1A01 for a line item: is the freight or special charge; for the total invoice: the total charges - expressed in the standard monetary denomination for the currency specified.

L3 - Total Weight and Charges

To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items

TRANSACTION SETS USED IN

104 110 204 210 219 220 304 310 311 312 322 325 404 410 426 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	81	Weight	1	X	R	1/10
02	187	Weight Qualifier	1	X	ID	1/2
03	60	Freight Rate	1	X	R	1/15
04	122	Rate/Value Qualifier	1	X	ID	2/2
05	58	Amount Charged	1	O/Z	N2	1/15
06	191	Advances	1	O	N2	1/9
07	117	Prepaid Amount	1	O	N2	1/15
08	150	Special Charge or Allowance Code	1	O	ID	3/3
09	183	Volume	1	X	R	1/8
10	184	Volume Unit Qualifier	1	X	ID	1/1
11	80	Lading Quantity	1	O	N0	1/7
12	188	Weight Unit Code	1	O	ID	1/1
13	171	Tariff Number	1	O	AN	1/7
14	74	Declared Value	1	X	N2	2/12
15	122	Rate/Value Qualifier	1	X	ID	2/2

Syntax Notes

01	P0102
03	P0304
09	P0910
12	C1201
14	P1415

Semantic Notes

05	L305 is the total charges.

L4 - Measurement

To describe physical dimensions and quantities

TRANSACTION SETS USED IN

104 110 204 210 211 300 301 304 311 312 470

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	82	Length	1	M	R	1/8
02	189	Width	1	M	R	1/8
03	65	Height	1	M	R	1/8
04	90	Measurement Unit Qualifier	1	M	ID	1/1
05	380	Quantity	1	O	R	1/15
06	1271	Industry Code	1	O/Z	AN	1/30

Semantic Notes

06 L406 is the Rounding in Pattern for dimensional shipments.

L5 - Description, Marks and Numbers

To specify the line item in terms of description, quantity, packaging, and marks and numbers

TRANSACTION SETS USED IN

104 110 204 210 215 300 301 304 310 311 312 317 322 362 404 410 417 421 423 426 456 470 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	213	Lading Line Item Number	1	O	N0	1/6
02	79	Lading Description	1	O	AN	1/50
03	22	Commodity Code	1	X	AN	1/30
04	23	Commodity Code Qualifier	1	X	ID	1/2
05	103	Packaging Code	1	O	AN	3/5
06	87	Marks and Numbers	1	X	AN	1/80
07	88	Marks and Numbers Qualifier	1	O	ID	1/2
08	23	Commodity Code Qualifier	1	X	ID	1/2
09	22	Commodity Code	1	X	AN	1/30
10	595	Compartment ID Code	1	O	ID	1/1

Syntax Notes

03	P0304
07	C0706
08	P0809

Comments

02	L502 may be used to send quantity information as part of the product description.

L7 - Tariff Reference

To reference details of the tariff used to arrive at applicable rates or charge

TRANSACTION SETS USED IN

126 210 304 310 312 810 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	213	Lading Line Item Number	1	O	N0	1/6
02	168	Tariff Agency Code	1	O	ID	1/4
03	171	Tariff Number	1	O	AN	1/7
04	172	Tariff Section Number	1	O	AN	1/2
05	169	Tariff Item Number	1	O	AN	1/16
06	170	Tariff Item Part	1	O	N0	1/2
07	59	Freight Class Code	1	O	AN	2/5
08	173	Tariff Supplement Identifier	1	O	AN	1/4
09	46	Ex Parte	1	O	AN	4/4
10	373	Date	1	O/Z	DT	8/8
11	119	Rate Basis Number	1	O	AN	1/6
12	227	Tariff Column	1	O	AN	1/2
13	294	Tariff Distance	1	O	N0	1/5
14	295	Distance Qualifier	1	O	ID	1/1
15	19	City Name	1	O/Z	AN	2/30
16	156	State or Province Code	1	O	ID	2/2

Semantic Notes

10 L710 is the effective date.

15 In L715 and L716, "City" and "State" are used for rate combination city and state.

L8 - Line Item Subtotal

To specify line item subtotals

TRANSACTION SETS USED IN

220 325 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	220	Billed/Rated-as Quantity	1	X	R	1/11
02	221	Billed/Rated-as Qualifier	1	X	ID	2/2
03	81	Weight	1	X	R	1/10
04	188	Weight Unit Code	1	X	ID	1/1
05	187	Weight Qualifier	1	X	ID	1/2
06	60	Freight Rate	1	X	R	1/15
07	122	Rate/Value Qualifier	1	X	ID	2/2
08	610	Amount	1	X/Z	N2	1/15
09	150	Special Charge or Allowance Code	1	O	ID	3/3
10	276	Special Charge Description	1	O	AN	2/25
11	16	Charge Method of Payment Code	1	O	ID	1/1

Syntax Notes

01	P0102
03	P030405
06	P0607
09	C0908

Semantic Notes

08	L808 for a line item: is the freight or special charge; for the total invoice: the total charges - expressed in the standard monetary denomination for the currency specified.

L9 - Charge Detail

To specify special charge code and the associated monetary amount

TRANSACTION SETS USED IN

210 220 304

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	150	Special Charge or Allowance Code	1	M	ID	3/3
02	782	Monetary Amount	1	M/Z	R	1/18

Semantic Notes

02 L902 is the transportation charge for a special service performed, expressed in the standard monetary denomination for the currency specified.

LAD - Lading Detail

To transmit detailed lading data pertinent to a pickup or delivery

TRANSACTION SETS USED IN
204 219 220 222

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	211	Packaging Form Code	1	X	ID	3/3
02	80	Lading Quantity	1	X	N0	1/7
03	188	Weight Unit Code	1	X	ID	1/1
04	395	Unit Weight	1	X	R	1/8
05	188	Weight Unit Code	1	X	ID	1/1
06	81	Weight	1	X	R	1/10
07	235	Product/Service ID Qualifier	1	X	ID	2/2
08	234	Product/Service ID	1	X	AN	1/80
09	235	Product/Service ID Qualifier	1	X	ID	2/2
10	234	Product/Service ID	1	X	AN	1/80
11	235	Product/Service ID Qualifier	1	X	ID	2/2
12	234	Product/Service ID	1	X	AN	1/80
13	79	Lading Description	1	O	AN	1/50
14	148	Lading Value	1	O	R	2/9

Syntax Notes

01	P0102
03	P0304
05	P0506
07	P0708
09	P0910
11	P1112

LC - Life Coverage

To provide information on life coverage

TRANSACTION SETS USED IN

834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	875	Maintenance Type Code	1	M	ID	3/3
02	1203	Maintenance Reason Code	1	O	ID	2/3
03	1205	Insurance Line Code	1	O	ID	2/3
04	1204	Plan Coverage Description	1	O	AN	1/50
05	380	Quantity	1	O/Z	R	1/15
06	1161	Product Option Code	1	O	ID	1/2
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

05 LC05 is the salary multiplier.

07 LC07 is the employee signature on file indicator. A "Y" value indicates the employee signature has been obtained and is on file; an "N" value indicates the employee signature has not been obtained.

LC1 - Lane Commitments

To specify the details concerning the lane covered by this proposal

TRANSACTION SETS USED IN
106 108

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	21	Number of Shipments	1	X/Z	N0	1/5
02	355	Unit or Basis for Measurement Code	1	X	ID	2/2
03	1470	Number	1	O/Z	N0	1/9
04	91	Transportation Method/Type Code	1	O	ID	1/2
05	140	Standard Carrier Alpha Code	1	O	ID	2/4
06	21	Number of Shipments	1	O/Z	N0	1/5
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	1664	Lane Ranking	1	O/Z	R	1/4
09	60	Freight Rate	1	X/Z	R	1/15
10	60	Freight Rate	1	X/Z	R	1/15
11	122	Rate/Value Qualifier	1	X	ID	2/2
12	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

01	P0102
09	C0911
10	C1011
11	L110910

Semantic Notes

01	LC101 is the minimum number of shipments. When used in transaction set 106 it is the minimum number of shipments that are covered by this proposal on this lane. When used in transaction set 108 it is the minimum number of shipments that the carrier has agreed to haul on this lane.
03	LC103 is the number of miles on this lane that will be used to calculate the charge.
06	LC106 is the maximum number of shipments. When used in transaction set 106 it is the maximum number of shipments that are covered by this proposal on this lane. When used in transaction set 108 it is the maximum number of shipments that the carrier has agreed to haul on this lane.
07	LC107 indicates if the entity transmitting this transaction accepts the rate proposal. A "Y" indicates that the proposal is accepted; an "N" indicates that the proposal is not accepted.
08	LC108 is the ranking of the carrier's rate proposal on this lane.
09	LC109 is the low end range of the freight rates proposed by the carriers on this lane.
10	LC110 is the high end range of the freight rates proposed by the carriers on this lane.
12	LC112 indicates if this proposal is dependent upon acceptance of another proposal. A "Y" indicates that this proposal is dependent upon the acceptance of another proposal; an "N" indicates that this proposal is not dependent upon acceptance of another proposal.

LCD - Place/Location Description

To further define and describe a place or location

TRANSACTION SETS USED IN

220 811 814 838 867 873 874

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O	AN	1/20
02	98	Entity Identifier Code	1	O	ID	2/3
03	306	Action Code	1	O	ID	1/2
04	373	Date	1	O	DT	8/8
05	66	Identification Code Qualifier	1	X	ID	1/2
06	67	Identification Code	1	X	AN	2/80

Syntax Notes

05	P0506

LCT - Logistics Container Tracking Information

To identify the necessary information for tracking containers and identifying contents of containers

TRANSACTION SETS USED IN
219 220

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	211	Packaging Form Code	1	M/Z	ID	3/3
03	352	Description	1	O	AN	1/80
04	188	Weight Unit Code	1	X	ID	1/1
05	395	Unit Weight	1	X	R	1/8
06	90	Measurement Unit Qualifier	1	X	ID	1/1
07	82	Length	1	X	R	1/8
08	189	Width	1	X	R	1/8
09	65	Height	1	X	R	1/8
10	184	Volume Unit Qualifier	1	X	ID	1/1
11	183	Volume	1	X	R	1/8
12	399	Pallet Exchange Code	1	O	ID	1/1

Syntax Notes

04	P0405
06	L06070809
07	C0706
08	C0806
09	C0906
10	P1011

Semantic Notes

01	LCT01 is the container identification number.
02	LCT12 should only be used when LCT02 is equal to PLT.

LDT - Lead Time

To specify lead time for availability of products and services

TRANSACTION SETS USED IN

194 536 830 832 836 840 843 846 850 855 860 865 867 888 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	345	Lead Time Code	1	M	ID	2/2
02	380	Quantity	1	M	R	1/15
03	344	Unit of Time Period or Interval Code	1	M	ID	2/2
04	373	Date	1	O/Z	DT	8/8

Semantic Notes

04 LDT04 is the effective date of lead time information.

Comments

02 LDT02 is the quantity of unit of time periods.

LE - Loop Trailer

To indicate that the loop immediately preceding this segment is complete

CONTROL SEGMENT

TRANSACTION SETS USED IN

124 148 175 185 186 189 200 201 217 223 240 255 264 265 267 271 272 285 404 417 418 421 422 501 503 754 812 832 834 837 838 841 846 850 854 860 890 894 895 940 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	447	Loop Identifier Code	1	M	AN	1/6

Semantic Notes

00 One loop may be nested (contained) within another loop, provided the inner (nested) loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment, in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The preferred value for the identifier is the segment ID of the required loop beginning segment.

Comments

00 See X12 EDI Standard Figures, https://figures.x12.org, for an explanation of the use of the LE and LS segments.

LEP - EPA Required Data

To specify the Environmental Protection Agency (EPA) information relating to shipments of hazardous material

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 435 856 858 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	806	EPA Waste Stream Number Code	1	O	ID	4/6
02	807	Waste Characteristics Code	1	O	ID	12/16
03	156	State or Province Code	1	X/Z	ID	2/2
04	127	Reference Identification	1	X/Z	AN	1/80

Syntax Notes

03 P0304

Semantic Notes

03 LEP03 is used to identify the state or province responsible for the hazardous waste number contained in LEP04.

04 LEP04 is the hazardous waste number.

LEQ - Leased Equipment Information

To communicate necessary data for car hire settlements with leased equipment and identify billing parties and allowed dates

TRANSACTION SETS USED IN
414

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	M	ID	2/3
02	127	Reference Identification	1	M	AN	1/80
03	1095	Year	1	M/Z	N0	4/4
04	1108	Month of the Year Code	1	M	ID	2/2
05	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
06	127	Reference Identification	1	M/Z	AN	1/80
07	782	Monetary Amount	1	M/Z	R	1/18
08	373	Date	1	O/Z	DT	8/8
09	280	Exchange Rate	1	O/Z	R	4/10

Semantic Notes

03 LEQ03 and LEQ04 is the allowed date of the transaction.
05 LEQ05 is Standard Carrier Alpha Code (SCAC) of the equipment lessor.
06 LEQ06 contains the lessor number.
07 LEQ07 is the total amount of mileage detail earnings reported in this transaction.
08 LEQ08 is the document issue date.
09 LEQ09 is the Canadian to U.S. conversion rate.

LET - Load and Equipment Type

To identify the load and equipment type for a high/wide shipment

TRANSACTION SETS USED IN

470

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	752	Surface/Layer/Position Code	1	O	ID	2/2
02	40	Equipment Description Code	1	X	ID	2/2
03	1585	Shape Code	1	O	ID	1/2
04	301	Car Type Code	1	X	ID	1/4

Syntax Notes

02	R0204

LFG - Hazardous Information, Finished Goods

To describe hazardous material information for finished goods

TRANSACTION SETS USED IN

832

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	352	Description	1	M/Z	AN	1/80
02	215	Hazardous Classification Code	1	M	ID	1/30
03	277	UN/NA Identification Code	1	M	ID	6/6
04	218	Hazardous Placard Notation Code	1	M	ID	14/40
05	254	Packing Group Code	1	O	ID	1/3
06	1577	Hazardous Material Regulations Exception Code	1	O	ID	1/1

Semantic Notes

01 LFG01 is the hazardous material shipping name.

LFH - Free-form Hazardous Material Information

To uniquely identify the variable information required by government regulation covering the transportation of hazardous material shipments

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 435 856 858 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	808	Hazardous Material Shipment Information Qualifier	1	M	ID	3/3
02	809	Hazardous Material Shipment Information	1	M	AN	1/25
03	809	Hazardous Material Shipment Information	1	O	AN	1/25
04	1023	Hazard Zone Code	1	O	ID	1/1
05	355	Unit or Basis for Measurement Code	1	X	ID	2/2
06	380	Quantity	1	X/Z	R	1/15
07	380	Quantity	1	O/Z	R	1/15
08	373	Date	1	O/Z	DT	8/8

Syntax Notes

05 P0506

Semantic Notes

06 LFH06 indicates activity of the radioactive material.

07 LFH07 indicates transport index of the radioactive material.

08 LFH08 is the date fumigation began.

LFI - Beginning Segment for Locomotive Information

To provide locomotive information between rail carriers

TRANSACTION SETS USED IN
436

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	154	Standard Point Location Code	1	M	ID	6/9
02	373	Date	1	M/Z	DT	8/8
03	337	Time	1	M	TM	4/8
04	578	Equipment Status Code	1	M	ID	1/2
05	1271	Industry Code	1	M/Z	AN	1/30
06	1271	Industry Code	1	O	AN	1/30
07	1271	Industry Code	1	O	AN	1/30
08	41	Interchange Train Identification	1	O	AN	1/10

Semantic Notes

02 LFI02 and LFI03 are the equipment status date and time.

05 LFI05 through LFI07 are the Locomotive Information Codes (see Code Source 461).

LH - Mixed Hazardous Commodities

To specify hazardous line items in terms of hazardous mnemonic, identification number, reportable quantities, and limited quantities

TRANSACTION SETS USED IN
859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	213	Lading Line Item Number	1	M	N0	1/6
02	758	Hazardous Mnemonic Code	1	M	ID	2/3
03	127	Reference Identification	1	M	AN	1/80
04	128	Reference Identification Qualifier	1	M	ID	2/3
05	759	Reportable Quantity Code	1	O	ID	2/2
06	760	Limited Quantity Indication Code	1	O	ID	1/1

LH1 - Hazardous Identification Information

To specify the hazardous commodity identification reference number and quantity

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 856 858 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	355	Unit or Basis for Measurement Code	1	M	ID	2/2
02	80	Lading Quantity	1	M	N0	1/7
03	277	UN/NA Identification Code	1	O	ID	6/6
04	200	Hazardous Materials Page	1	O	AN	1/6
05	22	Commodity Code	1	O	AN	1/30
06	355	Unit or Basis for Measurement Code	1	X	ID	2/2
07	380	Quantity	1	X	R	1/15
08	595	Compartment ID Code	1	O	ID	1/1
09	665	Residue Indicator Code	1	O	ID	1/1
10	254	Packing Group Code	1	O	ID	1/3
11	1375	Interim Hazardous Material Regulatory Number	1	O	AN	1/5
12	1271	Industry Code	1	O/Z	AN	1/30

Syntax Notes

06 P0607

Semantic Notes

12 LH112 is the packaging form code for the non-bulk container passed in the LH101 as defined in 49 CFR 178 and required by 49 CFR 172. (See Code Source 937)

Comments

01 LH101 and LH102 are used to convey the number and type of packages for bulk and nonbulk movements.

06 LH106 and LH107 are used to convey the quantity or volume and unit of measure for shipments.

09 In LH109, a value of "R" or "P" requires that the receiver generate the words "residue: last contained" prior to the shipping name in accordance with regulations.

LH2 - Hazardous Classification Information

To specify the hazardous notation and endorsement information

TRANSACTION SETS USED IN

204 211 219 222 284 300 301 304 310 312 322 404 417 418 421 423 435 856 858 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	215	Hazardous Classification Code	1	O	ID	1/30
02	983	Hazardous Class Qualifier	1	O	ID	1/1
03	218	Hazardous Placard Notation Code	1	O	ID	14/40
04	222	Hazardous Endorsement Code	1	O	ID	4/25
05	759	Reportable Quantity Code	1	O	ID	2/2
06	355	Unit or Basis for Measurement Code	1	X/Z	ID	2/2
07	408	Temperature	1	X	R	1/4
08	355	Unit or Basis for Measurement Code	1	X/Z	ID	2/2
09	408	Temperature	1	X	R	1/4
10	355	Unit or Basis for Measurement Code	1	X/Z	ID	2/2
11	408	Temperature	1	X	R	1/4
12	188	Weight Unit Code	1	X/Z	ID	1/1
13	267	Net Explosive Quantity	1	X	N0	1/10

Syntax Notes

06	P0607
08	P0809
10	P1011
12	P1213

Semantic Notes

06	LH206 and LH207 indicate the flashpoint temperature.
08	LH208 and LH209 indicate the control temperature.
10	LH210 and LH211 indicate the emergency temperature.
12	LH212 and LH213 indicate the net explosive weight.

LH3 - Hazardous Material Shipping Name Information

To specify the hazardous material shipping name and additional descriptive requirements

TRANSACTION SETS USED IN

204 211 219 222 284 300 301 304 310 312 322 404 417 418 421 423 435 856 858 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	224	Hazardous Material Shipping Name	1	X	AN	1/25
02	984	Hazardous Material Shipping Name Qualifier	1	X	ID	1/1
03	985	N.O.S. Indicator Code	1	O	ID	3/3
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

01 P0102

Semantic Notes

04 If LH304 is "Y", then this is an Association of American Railroads Operations and Transportation Bulletin 55 commodity. If "N", it is not an Association of American Railroads Operations and Transportation Bulletin 55 commodity.

LH4 - Canadian Dangerous Requirements

To specify additional Transport Canada requirements covering transportation of dangerous goods in Canada

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 435 832 856 858 897 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	238	Emergency Response Plan Number	1	X	AN	1/12
02	364	Communication Number	1	X	AN	1/2048
03	254	Packing Group Code	1	O	ID	1/3
04	230	Subsidiary Classification Code	1	O	ID	1/3
05	230	Subsidiary Classification Code	1	O	ID	1/3
06	230	Subsidiary Classification Code	1	O	ID	1/3
07	271	Subsidiary Risk Indicator Code	1	O	ID	1/2
08	267	Net Explosive Quantity	1	X	N0	1/10
09	805	Canadian Hazardous Notation	1	O	AN	1/25
10	986	Special Commodity Indicator Code	1	O	ID	1/1
11	364	Communication Number	1	O/Z	AN	1/2048
12	355	Unit or Basis for Measurement Code	1	X	ID	2/2
13	808	Hazardous Material Shipment Information Qualifier	1	X	ID	3/3
14	380	Quantity	1	X	R	1/15
15	355	Unit or Basis for Measurement Code	1	X	ID	2/2

Syntax Notes

01	P0102
08	P0812
13	P131415

Semantic Notes

11	LH411 is an additional telephone number.

Comments

02	LH402 is used for the emergency response plan telephone number.
04	LH404 is for the first subsidiary classification.
05	LH405 is for the second subsidiary classification.
06	LH406 is for the third subsidiary classification.
13	Valid UOM Codes for LH413 code LQI are KG (Kilogram) or LT (Liter)

LH6 - Hazardous Certification

To specify the name of the person certifying that the shipment complies with the regulations and/or the actual certification

TRANSACTION SETS USED IN

204 211 219 222 304 404 423 858 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	93	Name	1	O	AN	1/60
02	272	Hazardous Certification Code	1	X	ID	1/1
03	273	Hazardous Certification Declaration	1	X	AN	1/25
04	273	Hazardous Certification Declaration	1	O	AN	1/25

Syntax Notes

02	P0203

LHE - Empty Equipment Hazardous Material Information

To specify the "last contained" hazardous shipping name, placard notation, and reference numbers for empty equipment

TRANSACTION SETS USED IN
856 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	224	Hazardous Material Shipping Name	1	M	AN	1/25
02	218	Hazardous Placard Notation Code	1	M	ID	14/40
03	128	Reference Identification Qualifier	1	M	ID	2/3
04	127	Reference Identification	1	M	AN	1/80
05	759	Reportable Quantity Code	1	O	ID	2/2

LHR - Hazardous Material Identifying Reference Numbers

To transmit specific hazardous material reference numbers

TRANSACTION SETS USED IN

300 301 304 310 312 322 404 417 418 421 423 856 858 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	M	ID	2/3
02	127	Reference Identification	1	M	AN	1/80
03	373	Date	1	O	DT	8/8

LHT - Transborder Hazardous Requirements

To specify the placard information required by the second government agency when shipment is to cross into another country

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 856 858 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	215	Hazardous Classification Code	1	O	ID	1/30
02	218	Hazardous Placard Notation Code	1	O	ID	14/40
03	222	Hazardous Endorsement Code	1	O	ID	4/25

LIC - License Information

To provide license information

TRANSACTION SETS USED IN
252

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	156	State or Province Code	1	M/Z	ID	2/2
02	235	Product/Service ID Qualifier	1	M	ID	2/2
03	234	Product/Service ID	1	M	AN	1/80
04	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
05	546	Status Code	1	M/Z	ID	2/2
06	127	Reference Identification	1	O/Z	AN	1/80
07	156	State or Province Code	1	X/Z	ID	2/2
08	127	Reference Identification	1	O/Z	AN	1/80

Syntax Notes

08 C0807

Semantic Notes

01 LIC01 identifies the licensing state.

04 LIC04 defines the license residency type. A "Y" indicates a resident license; an "N" indicates a non resident license.

05 LIC05 defines the license status.

06 LIC06 defines the license number.

07 LIC07 defines the resident state.

08 LIC08 defines the resident state license number.

LID - Loss Information Description

To provide details on a specific insurance claim

TRANSACTION SETS USED IN
124 272

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1250	Date Time Period Format Qualifier	1	M	ID	2/3
02	1251	Date Time Period	1	M/Z	AN	1/35
03	1271	Industry Code	1	O/Z	AN	1/30
04	1271	Industry Code	1	O/Z	AN	1/30
05	352	Description	1	O/Z	AN	1/80
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	352	Description	1	O/Z	AN	1/80
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

02 LID02 is the date of loss or system date.

03 LID03 is used to provide the loss description code. See Code Source 290.

04 LID04 is used to provide the cause of loss code. See Code Source 291.

05 LID05 is used to provide a detailed description of the loss event.

06 LID06 indicates whether the keys were in the vehicle at the time of the loss. A "Y" indicates they were in the vehicle; an "N" indicates they were not.

07 LID07 indicates whether the vehicle was locked at the time of the loss. A "Y" indicates the vehicle was locked; an "N" indicates it was not locked.

08 LID08 is text describing weather conditions.

09 LID09 indicates whether the responsible party is known. A "Y" indicates the party is known; an "N" indicates the party is not known.

LIE - Individual or Event Location

To provide an accurate description of where an individual was located or an event took place

TRANSACTION SETS USED IN

195 272 284 620 625

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1466	Location Type Code	1	M	ID	2/2
02	1465	Proximity Code	1	O	ID	2/2
03	352	Description	1	O/Z	AN	1/80
04	98	Entity Identifier Code	1	O	ID	2/3

Semantic Notes

03 LIE03 is the free-form description of the location.

LIN - Item Identification

To specify basic item identification data

TRANSACTION SETS USED IN

100 105 111 140 142 143 154 201 252 267 268 271 272 273 304 325 500 503 511 527 536 650 805 812 814 818 830 832 837 838 840 841 842 843 844 845 846 847 848 849 850 851 852 855 856 860 861 862 863 865 866 867 869 877 881 883 887 888 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O/Z	AN	1/20
02	235	Product/Service ID Qualifier	1	M	ID	2/2
03	234	Product/Service ID	1	M	AN	1/80
04	235	Product/Service ID Qualifier	1	X	ID	2/2
05	234	Product/Service ID	1	X	AN	1/80
06	235	Product/Service ID Qualifier	1	X	ID	2/2
07	234	Product/Service ID	1	X	AN	1/80
08	235	Product/Service ID Qualifier	1	X	ID	2/2
09	234	Product/Service ID	1	X	AN	1/80
10	235	Product/Service ID Qualifier	1	X	ID	2/2
11	234	Product/Service ID	1	X	AN	1/80
12	235	Product/Service ID Qualifier	1	X	ID	2/2
13	234	Product/Service ID	1	X	AN	1/80
14	235	Product/Service ID Qualifier	1	X	ID	2/2
15	234	Product/Service ID	1	X	AN	1/80
16	235	Product/Service ID Qualifier	1	X	ID	2/2
17	234	Product/Service ID	1	X	AN	1/80
18	235	Product/Service ID Qualifier	1	X	ID	2/2
19	234	Product/Service ID	1	X	AN	1/80
20	235	Product/Service ID Qualifier	1	X	ID	2/2
21	234	Product/Service ID	1	X	AN	1/80
22	235	Product/Service ID Qualifier	1	X	ID	2/2
23	234	Product/Service ID	1	X	AN	1/80
24	235	Product/Service ID Qualifier	1	X	ID	2/2
25	234	Product/Service ID	1	X	AN	1/80
26	235	Product/Service ID Qualifier	1	X	ID	2/2
27	234	Product/Service ID	1	X	AN	1/80
28	235	Product/Service ID Qualifier	1	X	ID	2/2
29	234	Product/Service ID	1	X	AN	1/80
30	235	Product/Service ID Qualifier	1	X	ID	2/2
31	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

04 P0405

06	P0607
08	P0809
10	P1011
12	P1213
14	P1415
16	P1617
18	P1819
20	P2021
22	P2223
24	P2425
26	P2627
28	P2829
30	P3031

Semantic Notes

01	LIN01 is the line item identification

Comments

00	See the Data Dictionary for a complete list of IDs.
02	LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.

LM - Code Source Information

To transmit standard code list identification information

TRANSACTION SETS USED IN

105 112 124 135 139 140 142 148 155 175 176 179 180 185 195 285 286 288 500 501 503 504 511 517 527 536 561 567 568 620 625 650 810 812 814 821 824 830 832 836 838 840 842 843 846 850 856 857 860 861 863 865 867 869 870 885 888 897 940 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	559	Agency Qualifier Code	1	M	ID	2/2
02	822	Source Subqualifier	1	O	AN	1/15

Comments

02 LM02 identifies the applicable industry code list source information.

LN - Loan Information

To specify information about the loan

TRANSACTION SETS USED IN
148 206 245

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	782	Monetary Amount	1	M/Z	R	1/18
03	1250	Date Time Period Format Qualifier	1	X	ID	2/3
04	1251	Date Time Period	1	X/Z	AN	1/35
05	594	Frequency Code	1	X/Z	ID	1/1
06	782	Monetary Amount	1	X/Z	R	1/18
07	954	Percentage as Decimal	1	O/Z	R	1/10
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1081	Loan Purpose Code	1	O	ID	2/2
10	1085	Loan Payment Type Code	1	O	ID	2/2
11	1086	Loan Rate Type Code	1	O	ID	1/1

Syntax Notes

03 P0304
05 P0506

Semantic Notes

01 LN01 is the loan number.
02 LN02 is the account balance.
04 LN04 is the date of the loan.
05 LN05 is the payment frequency.
06 LN06 is the payment amount.
07 LN07 is the interest rate of the loan.
08 LN08 designates whether this is an open or closed end loan. A "Y" designates an open end loan; an "N" designates a closed end loan.

LN1 - Loan Specific Data

To provide high-level information about a loan

TRANSACTION SETS USED IN
199 202 261 265 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	782	Monetary Amount	1	M/Z	R	1/18
02	1101	Lien Priority Code	1	M/Z	ID	1/1
03	1093	Real Estate Loan Type Code	1	M/Z	ID	1/1
04	782	Monetary Amount	1	O/Z	R	1/18
05	954	Percentage as Decimal	1	O/Z	R	1/10
06	954	Percentage as Decimal	1	O/Z	R	1/10
07	122	Rate/Value Qualifier	1	X/Z	ID	2/2
08	782	Monetary Amount	1	X/Z	R	1/18
09	1076	Real Estate Loan Security Instrument Code	1	O/Z	ID	1/1
10	1103	Loan Documentation Type Code	1	O/Z	ID	1/1
11	1086	Loan Rate Type Code	1	O/Z	ID	1/1
12	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
13	508	Account Number	1	O/Z	AN	1/35
14	954	Percentage as Decimal	1	O/Z	R	1/10
15	954	Percentage as Decimal	1	O/Z	R	1/10
16	1250	Date Time Period Format Qualifier	1	X/Z	ID	2/3
17	1251	Date Time Period	1	X/Z	AN	1/35
18	1251	Date Time Period	1	X/Z	AN	1/35
19	1251	Date Time Period	1	X/Z	AN	1/35
20	1251	Date Time Period	1	X/Z	AN	1/35
21	1251	Date Time Period	1	X/Z	AN	1/35
22	782	Monetary Amount	1	O/Z	R	1/18
23	782	Monetary Amount	1	O/Z	R	1/18

Syntax Notes

07	P0708
16	L161718192021
17	C1716
18	C1816
19	C1916
20	C2016
21	C2116

Semantic Notes

01	LN101 is the unpaid principal balance of the loan.
02	LN102 describes the lien priority for this loan.

03 LN103 defines the real estate loan type.
04 LN104 is the initial or original principal balance.
05 LN105 is the current loan note rate.
06 LN106 defines the loan-to-value ratio.
07 LN107 is the period type for payment frequency.
08 LN108 is the current periodic principal and interest payment.
09 LN109 defines the security instrument, such as a mortgage or a deed.
10 LN110 defines underwriting documentation requirements.
11 LN111 defines the interest rate characteristics for the loan.
12 LN112 defines whether loan is assumable. A "Y" indicates the loan is assumable; an "N" indicates it is not.
13 LN113 is the lender's account number.
14 LN114 is the initial or original payment rate.
15 LN115 is the rate used by the lender to qualify the loan.
16 LN116 defines the date format used in LN117 through LN121.
17 LN117 is the loan note date.
18 LN118 is the scheduled due date of the first mortgage payment.
19 LN119 is the last paid installment date.
20 LN120 is the date interest on the loan is paid to.
21 LN121 is the next payment installment due date.
22 LN122 is the amount of other or additional financing.
23 LN123 is the current balance of negative amortization.

LN2 - Existing Real Estate Loan Specific Data

To provide specific information about a real estate loan

TRANSACTION SETS USED IN
262

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1101	Lien Priority Code	1	M	ID	1/1
02	1093	Real Estate Loan Type Code	1	M	ID	1/1
03	954	Percentage as Decimal	1	X/Z	R	1/10
04	594	Frequency Code	1	X/Z	ID	1/1
05	1085	Loan Payment Type Code	1	O	ID	2/2
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	1080	Assumption Terms Code	1	O	ID	1/1
08	93	Name	1	O/Z	AN	1/60
09	C040	Reference Identifier	1	O		
10	673	Quantity Qualifier	1	X	ID	2/2
11	380	Quantity	1	O/Z	R	1/15
12	380	Quantity	1	O/Z	R	1/15

Syntax Notes

03	P0304
11	C1110
12	C1210

Semantic Notes

03	LN203 is the current loan note rate.
04	LN204 is the period type for payment frequency.
06	LN206 defines whether the loan is assumable. A "Y" indicates it is; an "N" indicates it is not.
08	LN208 is the lender's name.
11	LN211 is the initial term of the loan.
12	LN212 is the remaining term of the loan.

LOC - Location

To describe the location in space and time of the axis of an item relative to an origin axis; Euclidean geometry has been assumed with orthogonal axes; the sequence of axes has been chosen in the customary sequence of X, Y, and Z, however, it is possible to just use two-dimensional space rather than three-dimensional space

TRANSACTION SETS USED IN
142 143 179 820 841

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	M/Z	ID	2/3
02	127	Reference Identification	1	M	AN	1/80
03	352	Description	1	O	AN	1/80
04	127	Reference Identification	1	O/Z	AN	1/80
05	729	Category	1	O	AN	1/6
06	128	Reference Identification Qualifier	1	X	ID	2/3
07	127	Reference Identification	1	X	AN	1/80
08	352	Description	1	O/Z	AN	1/80
09	127	Reference Identification	1	O/Z	AN	1/80
10	739	Measurement Value	1	X/Z	R	1/20
11	C001	Composite Unit of Measure	1	O		
12	739	Measurement Value	1	X	R	1/20
13	C001	Composite Unit of Measure	1	O		
14	739	Measurement Value	1	X	R	1/20
15	C001	Composite Unit of Measure	1	O		
16	739	Measurement Value	1	X/Z	R	1/20
17	C001	Composite Unit of Measure	1	O		
18	739	Measurement Value	1	X/Z	R	1/20
19	C001	Composite Unit of Measure	1	O		
20	739	Measurement Value	1	X/Z	R	1/20
21	C001	Composite Unit of Measure	1	O		
22	128	Reference Identification Qualifier	1	X	ID	2/3
23	127	Reference Identification	1	X	AN	1/80
24	352	Description	1	O	AN	1/80

Syntax Notes

06	P0607
11	C1110
13	C1312
15	C1514
17	C1716
19	C1918
21	C2120
22	P2223

Semantic Notes

01 LOC01 through LOC03 describe the item.

04 LOC04 is a description of the positional reference point on the item.

08 LOC05 through LOC08 describe the environment in which the item is placed.

09 LOC09 is a description of the positional reference point in the environment. This is the origin of the original axes.

10 LOC10 through LOC15 describe the translation in the three-dimensional space of the axes with respect to the original axes.

10 LOC10 is the principal X axis of the item.

10 LOC10 through LOC14 describe the principal XY plane of the item.

16 LOC16 is measured with respect to the XY plane around the X axis.

18 LOC18 is measured with respect to the YZ plane around the Y axis.

20 LOC20 is measured with respect to the ZX plane around the Z axis.

Comments

00 It is possible to translate the axis system in zero, one, two, or three axial directions.

00 The temporal measurements would be used, for example, to describe the positions of a robot head. They may be specified as t1, t2... or n1, n2...etc. Or, they may be specified in time units such as 0, 0.8, 1.6, etc. They may also represent positions where they would be specified as p1, p2, etc.

17 All angular positions of an axis vector are measured in a counter-clockwise rotation around the original axis vector, looking from the positive direction of the vector towards the origin. The angular unit is specified by the corresponding unit of measurement, as in LOC17, LOC19, and LOC21.

LOD - Location Description

To provide a general description of the area where an entity is located

TRANSACTION SETS USED IN
155 284

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1632	General Territory Code	1	X	ID	1/2
02	1321	Condition Indicator Code	1	O	ID	2/3
03	61	Free-form Information	1	X/Z	AN	1/30
04	1630	Thoroughfare Type Qualifier	1	O	ID	1/1
05	1631	Thoroughfare Type Code	1	X	ID	1/1
06	61	Free-form Information	1	X/Z	AN	1/30

Syntax Notes

01	R01030506
01	E0103
02	C0201
04	C0405
05	E0506

Semantic Notes

03	LOD03 is a free-form description of the location.
06	LOD06 is a free-form description of the thoroughfare.

LP - Load Planning

To describe information for loading aircraft with vehicles and other items

TRANSACTION SETS USED IN

858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	24	Equipment Type Code	1	O	ID	4/4
02	145	Shipment Identification Number	1	O/Z	AN	1/30
03	145	Shipment Identification Number	1	O/Z	AN	1/30
04	242	Vent Instruction Code	1	O	ID	1/7
05	207	Equipment Number	1	O	AN	1/15
06	1470	Number	1	O/Z	N0	1/9
07	1470	Number	1	O/Z	N0	1/9

Semantic Notes

02 LP02 is a serial identifier the shipper assigns to the item or unit it is shipping (for example, an order number or requisition number).

03 LP03 is the serial identifier of the shipping papers (for example a manifest number or bill of lading number). Those papers describe the consist of the shipment.

06 LP06 is used to describe the quantity of vehicle wheels that make contact with the road.

07 LP07 is used to describe the total quantity of axles on the vehicle.

LQ - Industry Code Identification

To identify standard industry codes

TRANSACTION SETS USED IN

105 111 113 124 132 133 135 139 140 142 148 155 159 160 175 176 179 180 185 187 189 190 195 197 203 262 267 271 272 273 274 283 284 285 286 288 362 422 423 432 435 463 500 501 503 504 511 517 527 536 561 567 568 603 620 625 650 810 811 812 814 816 821 824 830 832 835 836 837 838 840 842 843 846 850 856 857 860 861 863 865 867 869 870 873 881 885 888 897 940 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	O	ID	1/3
02	1271	Industry Code	1	X	AN	1/30

Syntax Notes

01 C0102

LRQ - Mortgage Characteristics Requested

To describe the characteristics of a mortgage requested by the applicant(s)

TRANSACTION SETS USED IN
199 201 265 833 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	782	Monetary Amount	1	M/Z	R	1/18
02	954	Percentage as Decimal	1	O/Z	R	1/10
03	122	Rate/Value Qualifier	1	X/Z	ID	2/2
04	782	Monetary Amount	1	X/Z	R	1/18
05	1070	Type of Residence Code	1	O/Z	ID	1/1
06	1079	Contact Method Code	1	O/Z	ID	1/1
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	1080	Assumption Terms Code	1	O	ID	1/1
09	1081	Loan Purpose Code	1	O/Z	ID	2/2
10	C048	Composite Use of Proceeds	1	O/Z		
11	782	Monetary Amount	1	O/Z	R	1/18
12	782	Monetary Amount	1	O/Z	R	1/18
13	352	Description	1	O/Z	AN	1/80
14	352	Description	1	O/Z	AN	1/80
15	1093	Real Estate Loan Type Code	1	O	ID	1/1
16	352	Description	1	O	AN	1/80
17	1085	Loan Payment Type Code	1	O	ID	2/2
18	352	Description	1	O	AN	1/80
19	1470	Number	1	O/Z	N0	1/9
20	352	Description	1	O	AN	1/80
21	1136	Code Category	1	O/Z	ID	2/2

Syntax Notes

03 P0304

Semantic Notes

01 LRQ01 is the principal amount requested.
02 LRQ02 is the loan requested interest rate percent.
03 LRQ03 is the period type for payment frequency.
04 LRQ04 is the initial periodic principal and interest payment.
05 LRQ05 defines intended property use.
06 LRQ06 defines the method of conduct of the interview.
07 LRQ07 defines if the loan is an assumption of an existing loan. A "Y" indicates it is an assumption; an "N" indicates it is not.
09 LRQ09 defines the loan purpose.
10 LRQ10 defines the purpose of the refinance.
11 LRQ11 is the total amount of existing liens.

12 LRQ12 is the total amount of debts paid by proceeds.
13 LRQ13 is the legislative reference of a government loan program.
14 LRQ14 is the name of the lender's program for this loan.
19 LRQ19 is the mortgage term expressed in months.
21 LRQ21 defines the current investor of the refinanced loan.

Comments

07 If LRQ07 is "Y - Yes", then LRQ08 is required.
09 If LRQ09 is "05 - Refinance," then LRQ12 is required.
09 If LRQ09 is "15 - Other Loan Purpose," then LRQ20 is required.
09 If LRQ09 is "05" - Refinance and LRQ10 is "14" - Other Purpose of Refinance, then LRQ20 is required.
15 If LRQ15 is "7 - Other Real Estate Loan Type," then LRQ16 is required.
17 If LRQ17 is "01 - Adjustable Rate Mortgage (ARM)" or "13 - Other Loan Payment Type," then LRQ18 is required.

LS - Loop Header

To indicate that the next segment begins a loop

CONTROL SEGMENT

TRANSACTION SETS USED IN

124 148 175 185 186 189 200 201 217 223 240 255 264 265 267 271 272 285 404 417 418 421 422 501 503 754 812 832 834 837 838 841 846 850 854 860 890 894 895 940 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	447	Loop Identifier Code	1	M	AN	1/6

Semantic Notes

00 One loop may be nested (contained) within another loop, provided the inner (nested) loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The preferred value for the identifier is the segment ID of the required loop beginning segment.

Comments

00 See X12 EDI Standard Figures, https://figures.x12.org, for an explanation of the use of the LS and LE segments.

LS1 - Asset Item Identification

To specify basic asset line item data

TRANSACTION SETS USED IN
154 851

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M	R	1/15
02	350	Assigned Identification	1	O	AN	1/20
03	670	Change or Response Type Code	1	O	ID	2/2
04	234	Product/Service ID	1	O/Z	AN	1/80
05	234	Product/Service ID	1	O/Z	AN	1/80
06	234	Product/Service ID	1	O/Z	AN	1/80
07	234	Product/Service ID	1	O/Z	AN	1/80

Semantic Notes

04 LS104 indicates the manufacturer's part number.
05 LS105 indicates the manufacturer.
06 LS106 indicates the type.
07 LS107 indicates the model.

LSC - Location Scope Parameter

To specify parameters pertaining to a location. Determines the role of a facility or group of facilities specified in the performance measurement.

TRANSACTION SETS USED IN
892

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1783	Location Scope Parameter Type Code	1	M	ID	2/2
02	1784	Location Scope Type Code	1	M	ID	2/2
03	352	Description	1	O/Z	AN	1/80
04	66	Identification Code Qualifier	1	X	ID	1/2
05	67	Identification Code	1	X	AN	2/80

Syntax Notes

04 P0405

Semantic Notes

03 LSC03 provides information about the location identified in LSC01 and LSC02.

LT - Letter of Recommendation

To provide information about a letter of recommendation

TRANSACTION SETS USED IN

189

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1069	Individual Relationship Code	1	M/Z	ID	2/2
02	352	Description	1	O/Z	AN	1/80
03	93	Name	1	O/Z	AN	1/60
04	352	Description	1	O/Z	AN	1/80

Semantic Notes

01 LT01 indicates the type of source of recommendation.

02 LT02 indicates the type of recommendation being made.

03 LT03 indicates the name of the person making the recommendation.

04 LT04 indicates the title or position of the person making the recommendation.

LTE - Letter of Recommendation Evaluation

To provide evaluation information as part of a letter of recommendation

TRANSACTION SETS USED IN

189

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	X	ID	1/3
02	1271	Industry Code	1	X/Z	AN	1/30
03	352	Description	1	X/Z	AN	1/80
04	708	Rating Summary Value Code	1	O/Z	ID	1/2

Syntax Notes

01 P0102

02 R0203

Semantic Notes

02 LTE02 is the code for the letter of recommendation rating category.

03 LTE03 is the free-form rating category when the codified values are not adequate.

04 LTE04 is the recommendation rating or evaluation.

LTR - Laboratory Test Results

To describe laboratory testing results, normal result ranges, or both

TRANSACTION SETS USED IN
186

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	M	ID	1/3
02	1271	Industry Code	1	M/Z	AN	1/30
03	739	Measurement Value	1	X/Z	R	1/20
04	C001	Composite Unit of Measure	1	O/Z		
05	1270	Code List Qualifier Code	1	O	ID	1/3
06	1271	Industry Code	1	X	AN	1/30
07	157	Shipment Status Code	1	O	ID	1/2
08	740	Range Minimum	1	X/Z	R	1/20
09	741	Range Maximum	1	X	R	1/20
10	1068	Gender Code	1	O/Z	ID	1/1
11	740	Range Minimum	1	O/Z	R	1/20
12	741	Range Maximum	1	O	R	1/20

Syntax Notes

04	L0403
05	L0506
10	L100809
11	L110809
12	L120809

Semantic Notes

02	LTR02 identifies the test performed.
03	LTR03 and LTR06 are the readings for the test performed.
04	LTR04 qualifies the test reading in LTR03.
08	LTR08 and LTR09 or both describe the expected normal ranges for the test performed. They may be used singly or together depending on the test.
10	LTR10 qualifies LTR08 and LTR09 or both if the expected ranges are gender dependent.
11	LTR11 and LTR12 or both describe the minimum and maximum age ranges if the expected normal ranges (LTR08 and LTR09 or both) are age dependent.

LUC - Loan Underwriting

To identify the loan underwriting codes

TRANSACTION SETS USED IN

202

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1103	Loan Documentation Type Code	1	M	ID	1/1
02	1081	Loan Purpose Code	1	M	ID	2/2
03	C048	Composite Use of Proceeds	1	O/Z		
04	54	Risk of Loss Code	1	O/Z	ID	2/2

Semantic Notes

03 LUC03 is used to identify the use of the proceeds.

04 LUC04 identifies the party who carries the risk associated with the underwriting of the loan.

LUI - Language Use

To specify language, type of usage, and proficiency or fluency

TRANSACTION SETS USED IN

105 111 130 132 138 155 159 189 267 271 274 834 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	66	Identification Code Qualifier	1	X	ID	1/2
02	67	Identification Code	1	X/Z	AN	2/80
03	352	Description	1	X/Z	AN	1/80
04	1303	Use of Language Indicator Code	1	O	ID	1/2
05	1476	Language Proficiency Indicator Code	1	O	ID	1/1

Syntax Notes

01 P0102

04 L040203

Semantic Notes

02 LUI02 is the language code.

03 LUI03 is the name of the language.

LV - Loan Verification

To identify the specific confirmation and exception codes for loan verification

TRANSACTION SETS USED IN

144

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M/Z	N0	1/9
02	1379	Loan Verification Code	1	M	ID	1/2

Semantic Notes

01 LV01 is a sequence number.

LX - Transaction Set Line Number

To reference a line number in a transaction set

TRANSACTION SETS USED IN

101 103 105 106 107 110 124 130 135 140 141 142 148 155 158 159 170 175 180 185 186 187 189 194
197 199 200 201 202 203 204 205 210 211 212 214 217 219 220 222 223 240 251 252 255 261 262 263
264 265 266 267 268 271 272 273 274 275 283 288 300 301 304 309 310 311 312 355 357 404 410 414
417 422 423 426 432 435 453 455 456 460 470 494 511 568 753 754 805 811 820 822 823 832 833 834
835 837 838 841 848 854 857 859 867 870 872 881 883 888 889 890 897 940 944 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M	N0	1/9

M0 - Letter of Credit Reference

To transmit letter of credit details

TRANSACTION SETS USED IN

304 310

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	250	Letter of Credit Number	1	M	AN	2/40
02	373	Date	1	O/Z	DT	8/8
03	373	Date	1	O/Z	DT	8/8
04	373	Date	1	O/Z	DT	8/8

Semantic Notes

02 M002 is the date on which a letter of credit was issued.

03 M003 is the date on which the letter of credit expires.

04 M004 is the date on which cargo was physically placed onboard said ship voyage.

M1 - Insurance

To specify details related to insurance

TRANSACTION SETS USED IN
104 197 273 304 310 404 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	26	Country Code	1	M/Z	ID	2/3
02	14	Carriage Value	1	O	N0	2/8
03	74	Declared Value	1	O	N2	2/12
04	122	Rate/Value Qualifier	1	O	ID	2/2
05	98	Entity Identifier Code	1	O/Z	ID	2/3
06	61	Free-form Information	1	O/Z	AN	1/30
07	122	Rate/Value Qualifier	1	X	ID	2/2
08	782	Monetary Amount	1	X	R	1/18
09	1004	Percent Qualifier	1	X	ID	1/2
10	954	Percentage as Decimal	1	X	R	1/10
11	1004	Percent Qualifier	1	X	ID	1/2
12	954	Percentage as Decimal	1	X	R	1/10

Syntax Notes

07 P0708
09 P0910
11 P1112

Semantic Notes

01 M101 is the code identifying the country in whose currency the insurance is specified.
05 M105 (organization identifier) is the code for the beneficiary of the insurance policy.
06 M106 is free-form information used to describe the type of insurance coverage.

Comments

07 M107 through M112 may be used to specify the values to be used in insurance formulas. For example: M107 and M108 may specify the basis of application and the premium rate ($0.25 per hundred), M109 and M110 may specify the value at which insurance is to be obtained (insure at 110% of bill of lading value), and M111 and M112 may specify the premium rate (rate of .015 per dollar).

M10 - Manifest Identifying Information

To transmit manifest identifying information

TRANSACTION SETS USED IN
309 350 352 353 354 355 356 357 358

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	O	ID	2/4
02	91	Transportation Method/Type Code	1	O	ID	1/2
03	26	Country Code	1	O	ID	2/3
04	597	Vessel Code	1	X/Z	ID	1/8
05	182	Vessel Name	1	O	AN	2/50
06	55	Flight/Voyage Number	1	O	AN	2/30
07	127	Reference Identification	1	O/Z	AN	1/80
08	380	Quantity	1	O	R	1/15
09	256	Manifest Type Code	1	O	ID	1/1
10	897	Vessel Code Qualifier	1	X	ID	1/1
11	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
12	127	Reference Identification	1	O/Z	AN	1/80
13	353	Transaction Set Purpose Code	1	O	ID	2/2
14	346	Application Type Code	1	O	ID	2/2
15	580	Amendment Type Code	1	X	ID	1/1
16	393	Amendment Code	1	X	ID	2/2
17	256	Manifest Type Code	1	O/Z	ID	1/1

Syntax Notes

04 P0410
15 P1516

Semantic Notes

04 M1004 is the International Maritime Organization (IMO) Vessel Code maintained in Lloyd's Register of Shipping.
07 M1007 is used for the six-digit Numeric Manifest Sequence Number.
11 M1011 indicates if the transmission involves an in-bond participant. A "Y" indicates it does; an "N" indicates it does not.
12 M1012 is a unique identification number for the manifest assigned by the originator of the manifest with a maximum length of 15.
17 M1017 is the type of initial manifest being amended by this transmission.

Comments

03 M1003 is the code identifying the country in which the ship (vessel) is registered.
08 M1008 is used for number of bills lading. (Maximum five-digits.)

M11 - Manifest Bill of Lading Details

To transmit bill of lading detail information for a manifest

TRANSACTION SETS USED IN
309 355

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	598	Bill of Lading/Waybill Number	1	M/Z	AN	1/50
02	310	Location Identifier	1	M/Z	AN	1/30
03	380	Quantity	1	X/Z	R	1/15
04	599	Manifest Unit Code	1	X/Z	ID	1/3
05	81	Weight	1	X	R	1/10
06	188	Weight Unit Code	1	X	ID	1/1
07	183	Volume	1	X	R	1/8
08	184	Volume Unit Qualifier	1	X	ID	1/1
09	582	Bill of Lading Type Code	1	O	ID	2/2
10	600	Place of Receipt by Pre-carrier	1	O	AN	1/17
11	598	Bill of Lading/Waybill Number	1	X/Z	AN	1/50
12	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
13	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
14	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
15	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
16	1302	Shipper's Export Declaration Requirements	1	O	AN	1/2
17	1578	Export Exception Code	1	O	ID	2/2
18	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
19	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
20	310	Location Identifier	1	O/Z	AN	1/30
21	310	Location Identifier	1	O/Z	AN	1/30
22	91	Transportation Method/Type Code	1	O/Z	ID	1/2
23	591	Payment Method Code	1	O/Z	ID	3/3
24	1271	Industry Code	1	O/Z	AN	1/30
25	309	Location Qualifier	1	M/Z	ID	1/2
26	284	Service Level Code	1	O	ID	2/2
27	373	Date	1	O/Z	DT	8/8
28	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

03	P0304
05	P0506
07	P0708
11	P1113
15	C1514
18	C1815

19 C1918

Semantic Notes

01 M1101 is the unique bill of lading number.

02 M1102 is used for foreign port where the cargo is loaded.

03 M1103 is used for total number of pieces on a bill of lading using the smallest package unit (maximum eight-digits).

04 M1104 is the smallest package unit code.

11 M1111 is the house bill number for consolidation.

12 M1112 is the unique bill of lading issuer code.

13 M1113 is the issuer code of the consolidated shipment.

14 M1114 is the code of the secondary party nominated to receive bill of lading status notifications.

15 M1115 is the code of the second secondary party nominated to receive bill of lading status notifications.

18 M1118 is the Standard Carrier Alpha Code (SCAC) of an additional second notify carrier.

19 M1119 is the Standard Carrier Alpha Code (SCAC) of an additional second notify carrier.

20 M1120 is the last place/port prior to loading.

21 M1121 is the first foreign port where the carrier takes possession of the cargo.

22 M1122 identifies mode of transportation from the last place/port prior to loading.

23 M1123 is the method of payment for transportation.

24 M1124 is the Maritime Administration Cargo Preference Program Code (see code source 926).

25 M1125 identifies the reporting identifier used for Port of Lading in M1102.

27 M1127 is the date the Goods returning to the U.S., Canada or Mexico departed the U.S., Canada, or Mexico.

28 M1128 is the indicator as to whether the Goods returning to the U.S., Canada or Mexico never left the control of the foreign country's Customs or the border crossing carrier while out of the country. A "Y" indicates the Goods never left the control of Customs or the border crossing carrier while out of the country. An "N" indicates the Goods did leave the control of foreign country's Customs or the border crossing carrier while out of the country.

Comments

01 If identifying the U.S. Customs and Border Protection (CBP) bill number, the maximum length shall be 12. If identifying the Canadian cargo control number, the maximum length shall be 25.

M12 - In-bond Identifying Information

To transmit in-bond information

TRANSACTION SETS USED IN
309 355 357 404 410 417 601 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	581	Customs Entry Type Code	1	M	ID	2/3
02	601	Customs Entry Number	1	X	AN	1/50
03	310	Location Identifier	1	O/Z	AN	1/30
04	310	Location Identifier	1	O/Z	AN	1/30
05	602	Customs Shipment Value	1	O	N0	2/9
06	603	In-bond Control Number	1	X	AN	1/50
07	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
08	128	Reference Identification Qualifier	1	X	ID	2/3
09	127	Reference Identification	1	X	AN	1/80
10	91	Transportation Method/Type Code	1	X	ID	1/2
11	182	Vessel Name	1	X	AN	2/50
12	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
13	373	Date	1	O/Z	DT	8/8
14	310	Location Identifier	1	O/Z	AN	1/30

Syntax Notes

02 E0206
06 C0608
08 P0809
10 P1011

Semantic Notes

03 M1203 is a four-digit numeric census schedule D when identifying a U.S. port, and a three-digit numeric memorandum D when identifying a Canadian port. It is the port of destination if M1201 is "61". It is the port of export if M1201 is "62" or "63".

04 M1204 is five-digit numeric census schedule K. It is the foreign port of destination if M1201 is "62" or "63".

07 M1207 identifies the carrier to whom liability is transferred.

12 M1212 is the Food and Drug Administration prior notification requirement indicator. A "Y" indicates that the shipper has advised the commodity is subject to the prior notification requirement. An "N" indicates the commodity is not subject to the prior notification requirement. If blank the default value is "N".

13 M1213 is the estimated date of departure of the in-bond shipment from the U.S.

14 M1214 is the FIRMS (Facilities Information Resources Management System) code of the location of the in-bond shipment.

Comments

02 If M1202 does not contain the paperless entry number, then M1206 is required by the importing border crossing carrier.

05 M1205 is the value in whole dollars of the in-bond movement. Use twenty dollars per kilo if value is unknown.

M13 - Manifest Amendment Details

To correct a manifest record prior to conveyance arrival or to amend a manifest record after conveyance arrival

TRANSACTION SETS USED IN
309 355 357 358

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	310	Location Identifier	1	M/Z	AN	1/30
03	580	Amendment Type Code	1	O	ID	1/1
04	598	Bill of Lading/Waybill Number	1	M	AN	1/50
05	380	Quantity	1	O/Z	R	1/15
06	393	Amendment Code	1	O	ID	2/2
07	306	Action Code	1	O	ID	1/2
08	598	Bill of Lading/Waybill Number	1	X/Z	AN	1/50
09	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
10	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
11	66	Identification Code Qualifier	1	X	ID	1/2
12	67	Identification Code	1	X	AN	2/80

Syntax Notes

08 P0810
11 P1112

Semantic Notes

01 M1301 is the bill of lading issuer code.
02 M1302 is used for discharge port (four-digit numeric census schedule D).
05 M1305 is new manifest quantity and is used if M1303 equals "R".
08 M1308 is used to report individual portions of a consolidated shipment.
09 M1309 is the conveyance operator's Standard Carrier Alpha Code (SCAC).
10 M1310 is the issuer code for the consolidated shipment.

M14 - General Order Status Information

General order bill of lading

TRANSACTION SETS USED IN
352 355

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	598	Bill of Lading/Waybill Number	1	M/Z	AN	1/50
02	392	Bill of Lading Status Code	1	M	ID	1/2
03	601	Customs Entry Number	1	O	AN	1/50
04	581	Customs Entry Type Code	1	O	ID	2/3
05	373	Date	1	O/Z	DT	8/8
06	598	Bill of Lading/Waybill Number	1	X/Z	AN	1/50
07	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
08	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
09	380	Quantity	1	M/Z	R	1/15
10	127	Reference Identification	1	O/Z	AN	1/80
11	310	Location Identifier	1	O/Z	AN	1/30

Syntax Notes

06 P0608

Semantic Notes

01 M1401 is used for bill of lading number.
05 M1405 is the release issue date.
06 M1406 is the unique bill of lading number for the consolidated shipment.
07 M1407 is the unique bill of lading issuer code.
08 M1408 is the issuer code for the consolidated shipment.
09 M1409 is the quantity released by Customs or the quantity being requested sent to General Order by the carrier.
10 M1410 is the Internal Revenue Service identification number of the bonded carrier.
11 M1411 is the Facilities Information Resource Management System (FIRMS) code.

M15 - Customs Events Advisory Details

To notify Customs of in-bond cargo movement or of a conveyance arrival or departure, or of transfer of custodial liability when an in-bond movement involves multiple legs

TRANSACTION SETS USED IN
353 355

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1497	Notification Entity Qualifier	1	M	AN	1/2
02	127	Reference Identification	1	M	AN	1/80
03	373	Date	1	M/Z	DT	8/8
04	310	Location Identifier	1	X/Z	AN	1/30
05	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
06	337	Time	1	M/Z	TM	4/8
07	225	Seal Number	1	O	AN	1/15
08	127	Reference Identification	1	O/Z	AN	1/80
09	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
10	19	City Name	1	X/Z	AN	2/30
11	156	State or Province Code	1	O/Z	ID	2/2
12	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
13	128	Reference Identification Qualifier	1	X	ID	2/3
14	127	Reference Identification	1	X	AN	1/80
15	182	Vessel Name	1	O/Z	AN	2/50
16	91	Transportation Method/Type Code	1	X	ID	1/2
17	310	Location Identifier	1	O/Z	AN	1/30
18	373	Date	1	X/Z	DT	8/8
19	337	Time	1	X/Z	TM	4/8

Syntax Notes

04	R0410
11	C1110
13	P1314
15	C1516
18	P1819

Semantic Notes

03	M1503 is the start date of the event.
04	M1504 is the Schedule D code for place of cargo movement, transfer of liability or conveyance arrival or departure.
05	M1505 is the unique bill of lading issuer code, required when M1501 is "2", "6", or "B".
06	M1506 is the start time of the event.
08	M1508 is the Internal Revenue Service identification number of the next in-bond carrier.
09	M1509 is the Standard Carrier Alpha Code (SCAC) of the next in-bond carrier.
10	M1510 is the city in which a transfer of custodial liability occurs.

11 M1511 is the state or province code for the city named in M1510.

12 If M1512 is "Y", then M1504 is an intermediate port. If "N", then M1504 is the port of final destination.

15 M1515 is the name of the exporting vessel.

17 M1517 is the last foreign port prior to sailing for the United States.

18 M1518 is the end date of the event.

19 M1519 is the end time of the event.

Comments

02 For cargo arrival or export notifications or transfer of liability, M1502 can be an in-bond number, bill of lading number or container ID. For conveyance arrival and departures, M1502 will contain the voyage or trip number.

M2 - Sales/Delivery Terms

To state terms and dates

TRANSACTION SETS USED IN
304 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	139	Sales Terms Code	1	M	ID	2/2
02	138	Sales Reference Number	1	O	AN	4/6
03	137	Sales Reference Date	1	O	DT	8/8
04	335	Transportation Terms Code	1	O	ID	3/3
05	136	Sales Comment	1	O	AN	2/30
06	32	Delivery Date	1	O	DT	8/8
07	309	Location Qualifier	1	X/Z	ID	1/2
08	310	Location Identifier	1	X	AN	1/30

Syntax Notes

07 P0708

Semantic Notes

07 M207 and M208 indicate the location where the transportation terms are ended.

M20 - Permit to Transfer Request Details

To provide Customs with Permit to Transfer details

TRANSACTION SETS USED IN
355 356

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	598	Bill of Lading/Waybill Number	1	M	AN	1/50
03	206	Equipment Initial	1	M	AN	1/4
04	207	Equipment Number	1	M	AN	1/15
05	309	Location Qualifier	1	M	ID	1/2
06	310	Location Identifier	1	M	AN	1/30
07	128	Reference Identification Qualifier	1	M	ID	2/3
08	127	Reference Identification	1	M	AN	1/80
09	369	Free-form Description	1	O	AN	1/45
10	761	Equipment Number Check Digit	1	O	N0	1/1
11	380	Quantity	1	O/Z	R	1/15

Semantic Notes

01 M2001 is used to identify the bill of lading issuer.

11 M2011 is the number of pieces in the permit to transfer request.

M21 - Supplementary In-Bond Information

To transmit data relating to a U.S. Customs and Border Protection (CBP) in-bond movement

TRANSACTION SETS USED IN
355 357

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	581	Customs Entry Type Code	1	M/Z	ID	2/3
02	310	Location Identifier	1	M/Z	AN	1/30
03	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
04	598	Bill of Lading/Waybill Number	1	M/Z	AN	1/50
05	1428	Master In-bond Type Code	1	M	ID	1/1
06	603	In-bond Control Number	1	M	AN	1/50
07	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
08	598	Bill of Lading/Waybill Number	1	X/Z	AN	1/50
09	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
10	598	Bill of Lading/Waybill Number	1	X/Z	AN	1/50
11	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
12	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
13	380	Quantity	1	O/Z	R	1/15
14	128	Reference Identification Qualifier	1	X/Z	ID	2/3
15	127	Reference Identification	1	X	AN	1/80

Syntax Notes

07 P0708
09 P0910
14 P1415

Semantic Notes

01 M2101 is the existing In-Bond Type Code.
02 M2102 is the new port of destination code.
03 M2103 is the unique bill of lading issuer code.
04 M2104 is the unique bill of lading number.
07 M2107 is the issuer code for the house bill of lading.
08 M2108 is the bill of lading number for the house bill of lading.
09 M2109 is the issuer code for the sub-house bill of lading.
10 M2110 is the bill of the lading number for the sub-house bill of lading number.
11 M2111 is the first secondary notify party.
12 M2112 is the second secondary notify party.
13 M2113 is the manifest quantity involved in the in-bond movement.
14 M2114 carries the additional bonded carrier information for a subsequent bonded cargo movement, beyond the intended destination of the first in-bond movement.

M3 - Release

To indicate that the equipment is or is not to be released

TRANSACTION SETS USED IN
404 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	132	Release Code	1	M/Z	ID	1/1
02	373	Date	1	X	DT	8/8
03	337	Time	1	X	TM	4/8
04	623	Time Code	1	O/Z	ID	2/2

Syntax Notes

02	R0203
04	C0403

Semantic Notes

01	If M301 contains code value "S" or "R", then M302 is the date of release. If M301 contains code value "U", then M302 is the estimated date of release.
04	M304 reflects the time zone which the time reflects.

M7 - Seal Numbers

To record seal numbers used and the organization that applied the seals

TRANSACTION SETS USED IN

204 210 212 214 220 223 227 228 304 309 310 311 312 322 324 325 350 355 358 404 410 417 426 858 859 920

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	225	Seal Number	1	M	AN	1/15
02	225	Seal Number	1	O	AN	1/15
03	225	Seal Number	1	O	AN	1/15
04	225	Seal Number	1	O	AN	1/15
05	98	Entity Identifier Code	1	O	ID	2/3

Comments

05	M705 indicates the name of the organization which applied the seal(s).

M7A - Seal Number Replacement

To provide an audit trail of seal number changes

TRANSACTION SETS USED IN
304 350 353

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	225	Seal Number	1	M/Z	AN	1/15
02	225	Seal Number	1	M/Z	AN	1/15
03	373	Date	1	O/Z	DT	8/8
04	98	Entity Identifier Code	1	X/Z	ID	2/3
05	93	Name	1	X	AN	1/60
06	352	Description	1	O/Z	AN	1/80
07	302	Location on Equipment Code	1	O/Z	ID	1/3

Syntax Notes

04	P0405

Semantic Notes

01	M7A01 is the original seal number.
02	M7A02 is the replacement seal number.
03	M7A03 is the date the new seal was installed.
04	M7A04 and M7A05 indicate the party responsible for the seal replacement.
06	M7A06 is a description of why the seal was replaced.
07	M7A07 is the location of the replaced seal on the equipment.

MAN - Marks and Numbers Information

To indicate identifying marks and numbers for shipping containers

TRANSACTION SETS USED IN

211 212 214 215 219 220 240 284 304 309 325 511 601 754 830 840 843 846 850 855 856 857 860 861 865 867 920 940 944 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	88	Marks and Numbers Qualifier	1	M/Z	ID	1/2
02	87	Marks and Numbers	1	M/Z	AN	1/80
03	87	Marks and Numbers	1	O	AN	1/80
04	88	Marks and Numbers Qualifier	1	X	ID	1/2
05	87	Marks and Numbers	1	X/Z	AN	1/80
06	87	Marks and Numbers	1	O	AN	1/80

Syntax Notes

04	P0405
06	C0605

Semantic Notes

01	MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
02	When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
05	When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

Comments

01	When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
03	MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers.
03	When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

MAP - Meat and Poultry Information

To specify meat and poultry category and information

TRANSACTION SETS USED IN
832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1851	Animal Species	1	M	ID	3/3
02	C079	Composite Multiple Language Extended Text Information	1	O/Z		
03	739	Measurement Value	1	O/Z	R	1/20
04	1849	Product Packed In	1	O	ID	3/3
05	1841	Preservation Technique	1	O	ID	3/3
06	C079	Composite Multiple Language Extended Text Information	1	O/Z		

Semantic Notes

02 This is the description of a piece of meat that has been cut from an animal carcass.

03 Specify the minimum meat protein percentage.

06 Water retention statement. Example: 100% air chilled, no retained water.

Comments

03 Meat protein percentage as declared on the product packaging.

06 Water retention statement as declared on product packaging. It is the declaration of the amount of water added and retained in a raw single-ingredient product due to evisceration contact with water in excess of naturally occurring moisture.

MBL - Bill of Lading

To specify a bill of lading number and associated information

TRANSACTION SETS USED IN
325 326 355 358

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	598	Bill of Lading/Waybill Number	1	M	AN	1/50
03	306	Action Code	1	O	ID	1/2
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
05	56	Type of Service Code	1	O	ID	2/2
06	80	Lading Quantity	1	O/Z	N0	1/7
07	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
08	598	Bill of Lading/Waybill Number	1	O/Z	AN	1/50

Semantic Notes

04 If MBL04 is "Y", then issuer is an automated manifest system (AMS) participant. If "N", then issuer is not an AMS participant.

06 MBL06 is the actual quantity boarded on the conveyance.

07 MBL07 is the Standard Carrier Alpha Code (SCAC) of the carrier issuing the house bill.

08 MBL08 is the bill of lading/waybill number submitted in the original 309.

MC - Miscellaneous and Accessorial Charges

To transmit codes, descriptions, and values for miscellaneous or accessorial charges associated with rail rate data

TRANSACTION SETS USED IN
485

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	150	Special Charge or Allowance Code	1	M	ID	3/3
02	122	Rate/Value Qualifier	1	M	ID	2/2
03	118	Rate	1	M/Z	R	1/9
04	276	Special Charge Description	1	O/Z	AN	2/25
05	554	Assigned Number	1	O	N0	1/9

Semantic Notes

03 MC03 is the transportation charge for special service performed, expressed in the standard monetary denomination for the currency specified.

04 If MC04 is used, MC01 must contain "999".

MCD - Mortgage Closing Data

To provide details about loan settlement

TRANSACTION SETS USED IN
201 265 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	782	Monetary Amount	1	O/Z	R	1/18
02	373	Date	1	O/Z	DT	8/8
03	782	Monetary Amount	1	X/Z	R	1/18
04	93	Name	1	O/Z	AN	1/60

Syntax Notes

04	C0403

Semantic Notes

01	MCD01 is the amount of the property sales price.
02	MCD02 is the loan closing date.
03	MCD03 is the amount of any purchase deposit.
04	MCD04 is the name of the purchase deposit holder.

MCT - Tariff Accessorial Charges

To identify accessorial charges and define the range for which each charge is applicable

TRANSACTION SETS USED IN

106 107

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	150	Special Charge or Allowance Code	1	M	ID	3/3
02	981	Tariff Value Code	1	O	ID	2/2
03	740	Range Minimum	1	O	R	1/20
04	741	Range Maximum	1	O	R	1/20
05	122	Rate/Value Qualifier	1	X	ID	2/2
06	118	Rate	1	X/Z	R	1/9
07	974	Tariff Reference Flag Code	1	O	ID	1/1
08	276	Special Charge Description	1	O	AN	2/25

Syntax Notes

05 P0506

Semantic Notes

06 MCT06 is the transportation charge for special service performed, expressed in the standard monetary denomination for the currency specified.

Comments

04 MCT04 defines the upper end of a range. If not present the range maximum is open.

MCZ - Marine Catch Zone

To identify the zone location marine life is caught.

TRANSACTION SETS USED IN
832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1835	Marine Catch Zone	1	M	ID	2/3
02	373	Date	1	O/Z	DT	8/8
03	1854	Free-form Extended Text 500 characters	1	O/Z	AN	1/500

Semantic Notes

02 MCZ02 is the date of catch.

03 Specifies the originating place. Does not comply with ISO standards.

MEA - Measurements

To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See X12 EDI Standard Figures, https://figures.x12.org, for example of use of C001)

TRANSACTION SETS USED IN

112 135 142 155 159 160 175 179 180 185 187 195 196 204 219 220 228 262 280 284 285 286 304 353 404 410 412 417 424 426 470 500 501 511 536 603 620 625 650 810 811 819 830 832 836 837 838 840 841 842 843 844 845 846 847 848 849 850 853 855 856 857 858 859 860 861 863 865 866 867 869 870 873 888 890 892 897 940 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	737	Measurement Reference ID Code	1	O	ID	2/2
02	738	Measurement Qualifier	1	O	ID	1/3
03	739	Measurement Value	1	X	R	1/20
04	C001	Composite Unit of Measure	1	X/Z		
05	740	Range Minimum	1	X	R	1/20
06	741	Range Maximum	1	X	R	1/20
07	935	Measurement Significance Code	1	O	ID	2/2
08	936	Measurement Attribute Code	1	X	ID	2/2
09	752	Surface/Layer/Position Code	1	O	ID	2/2
10	1373	Measurement Method or Device Code	1	O	ID	2/4
11	1270	Code List Qualifier Code	1	X/Z	ID	1/3
12	1271	Industry Code	1	X/Z	AN	1/30

Syntax Notes

03 R03050608
04 E0412
05 L050412
06 L060412
07 L07030506
08 E0803
11 P1112

Semantic Notes

04 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
11 MEA11 is the external code list for the unit of measure.
12 MEA12 defines the unit of measure for MEA03, MEA05, and MEA06 from an external code list.

Comments

05 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

MI - Media Information

Defines the advertising media and the related costs

TRANSACTION SETS USED IN

290

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1393	Media Type Identifier Code	1	M	ID	2/2
02	610	Amount	1	O/Z	N2	1/15
03	610	Amount	1	O/Z	N2	1/15
04	610	Amount	1	O/Z	N2	1/15
05	352	Description	1	O/Z	AN	1/80

Semantic Notes

02 MI02 is the budgeted amount.

03 MI03 is the amount to be shared.

04 MI04 is the actual cost.

05 MI05 is the description if MI01 is coded miscellaneous.

MI1 - Mileage Source

To identify the source of the mileage tables used to request or propose a rate and to indicate the tables version

TRANSACTION SETS USED IN
106 107

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1661	Mileage Source Code	1	M	ID	2/2
02	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
03	1470	Number	1	O/Z	N0	1/9

Semantic Notes

02 MI102 indicates whether the current version of the mileage source is being used. A "Y" indicates that the current version of the mileage source is being used; an "N" indicates that a previous version of the mileage source is being used.

03 MI103 is only used if the code in MI102 is "N".

Comments

03 MI103 is the version number of the mileage source if the current version is not being used.

MIA - Inpatient Adjudication

To provide claim level data related to the adjudication of inpatient claims

TRANSACTION SETS USED IN
835 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	O/Z	R	1/15
02	782	Monetary Amount	1	O/Z	R	1/18
03	380	Quantity	1	O/Z	R	1/15
04	782	Monetary Amount	1	O/Z	R	1/18
05	127	Reference Identification	1	O/Z	AN	1/80
06	782	Monetary Amount	1	O/Z	R	1/18
07	782	Monetary Amount	1	O/Z	R	1/18
08	782	Monetary Amount	1	O/Z	R	1/18
09	782	Monetary Amount	1	O/Z	R	1/18
10	782	Monetary Amount	1	O/Z	R	1/18
11	782	Monetary Amount	1	O/Z	R	1/18
12	782	Monetary Amount	1	O/Z	R	1/18
13	782	Monetary Amount	1	O/Z	R	1/18
14	782	Monetary Amount	1	O/Z	R	1/18
15	380	Quantity	1	O/Z	R	1/15
16	782	Monetary Amount	1	O/Z	R	1/18
17	782	Monetary Amount	1	O/Z	R	1/18
18	782	Monetary Amount	1	O/Z	R	1/18
19	782	Monetary Amount	1	O/Z	R	1/18
20	127	Reference Identification	1	O/Z	AN	1/80
21	127	Reference Identification	1	O/Z	AN	1/80
22	127	Reference Identification	1	O/Z	AN	1/80
23	127	Reference Identification	1	O/Z	AN	1/80
24	782	Monetary Amount	1	O/Z	R	1/18

Semantic Notes

01 MIA01 is the covered days.
02 MIA02 is the Prospective Payment System (PPS) Operating Outlier amount.
03 MIA03 is the lifetime psychiatric days.
04 MIA04 is the Diagnosis Related Group (DRG) amount.
05 MIA05 is the Remittance Advice Remark Code. See Code Source 411.
06 MIA06 is the disproportionate share amount.
07 MIA07 is the Medicare Secondary Payer (MSP) pass-through amount.
08 MIA08 is the total Prospective Payment System (PPS) capital amount.
09 MIA09 is the Prospective Payment System (PPS) capital, federal specific portion, Diagnosis Related Group (DRG) amount.

10 MIA10 is the Prospective Payment System (PPS) capital, hospital specific portion, Diagnosis Related Group (DRG), amount.

11 MIA11 is the Prospective Payment System (PPS) capital, disproportionate share, hospital Diagnosis Related Group (DRG) amount.

12 MIA12 is the old capital amount.

13 MIA13 is the Prospective Payment System (PPS) capital indirect medical education claim amount.

14 MIA14 is hospital specific Diagnosis Related Group (DRG) Amount.

15 MIA15 is the cost report days.

16 MIA16 is the federal specific Diagnosis Related Group (DRG) amount.

17 MIA17 is the Prospective Payment System (PPS) Capital Outlier amount.

18 MIA18 is the indirect teaching amount.

19 MIA19 is the professional component amount billed but not payable.

20 MIA20 is the Remittance Advice Remark Code. See Code Source 411.

21 MIA21 is the Remittance Advice Remark Code. See Code Source 411.

22 MIA22 is the Remittance Advice Remark Code. See Code Source 411.

23 MIA23 is the Remittance Advice Remark Code. See Code Source 411.

24 MIA24 is the capital exception amount.

MIC - Mortgage Insurance Coverage

To describe the type and extent of mortgage insurance

TRANSACTION SETS USED IN
263 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1097	Mortgage Insurance Application Type Code	1	M	ID	1/1
02	1100	Mortgage Insurance Coverage Type Code	1	O/Z	ID	1/1
03	1099	Mortgage Insurance Certificate Type Code	1	O/Z	ID	1/1
04	954	Percentage as Decimal	1	O/Z	R	1/10
05	1656	Premium Rate Pattern Code	1	O/Z	ID	1/1
06	1105	Mortgage Insurance Duration Code	1	O/Z	ID	1/1
07	C001	Composite Unit of Measure	1	X/Z		
08	380	Quantity	1	X/Z	R	1/15
09	1102	Mortgage Insurance Renewal Option Code	1	O/Z	ID	1/1
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
11	336	Terms Type Code	1	O/Z	ID	2/2
12	1098	Mortgage Insurance Premium Type Code	1	O/Z	ID	1/1
13	610	Amount	1	O/Z	N2	1/15
14	1657	Premium Source Entity Code	1	O/Z	ID	1/1
15	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
16	234	Product/Service ID	1	O/Z	AN	1/80
17	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
18	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

07 P0708

Semantic Notes

02 MIC02 defines the nature of the mortgage insurance coverage.
03 MIC03 defines whether the coverage is applied at the primary or pool level.
04 MIC04 defines the percent of coverage on the insured loan.
05 MIC05 defines the relative pattern of premium rates charged over the life of the coverage.
06 MIC06 defines the term of the coverage.
07 MIC07 defines the unit of measure for the time period.
08 MIC08 defines the number of periods defined in MIC07.
09 MIC09 defines the method used to calculate renewal premiums.
10 MIC10 defines if the mortgage insurance premium is refundable. A "Y" indicates that it is refundable, an "N" indicates that it is not.
11 MIC11 defines the payment terms of the initial premium.
12 MIC12 defines if any of the premium paid at settlement is financed as part of the loan or paid from other funds.
13 MIC13 is the amount of the premium being financed.

14 MIC14 defines the entity or entities responsible for paying the mortgage insurance premium.

15 MIC15 defines if the loan participates in an experience related plan. A "Y" indicates that the loan does participate in an experience related plan; an "N" indicates that the loan does not participate in an experience related plan.

16 MIC16 is the mortgage insurance product identifier value.

17 MIC17 defines if there is an applicable captive reinsurance arrangement. A "Y" indicates that there is, an "N" indicates that there is not.

18 MIC18 defines if the normal commitment/certificate document delivery selection should be reversed. A "Y" indicates that it should; an "N" indicates that it should not.

Comments

06 If MIC06 is "2 - Periodic or 3 - Single (One Time)" then MIC07 and MIC08 are required.

MIR - Mortgage Insurance Response

To determine if mortgage insurance has been approved or declined, and if approved, supply details about the coverage

TRANSACTION SETS USED IN
260 263

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1097	Mortgage Insurance Application Type Code	1	M	ID	1/1
02	1209	Underwriting Decision Code	1	M	ID	1/1
03	1099	Mortgage Insurance Certificate Type Code	1	O	ID	1/1
04	127	Reference Identification	1	O/Z	AN	1/80
05	954	Percentage as Decimal	1	O/Z	R	1/10
06	610	Amount	1	O/Z	N2	1/15
07	C001	Composite Unit of Measure	1	X/Z		
08	380	Quantity	1	X/Z	R	1/15
09	954	Percentage as Decimal	1	O/Z	R	1/10
10	954	Percentage as Decimal	1	O/Z	R	1/10
11	1102	Mortgage Insurance Renewal Option Code	1	O	ID	1/1
12	373	Date	1	O/Z	DT	8/8

Syntax Notes

07 P0708

Semantic Notes

04 MIR04 defines the certificate of insurance number.

05 MIR05 defines the percentage of the premium of the initial term.

06 MIR06 defines the amount of the premium of the initial term.

07 MIR07 defines the unit of measure for the term of the mortgage insurance.

08 MIR08 defines the term of the mortgage insurance coverage as either a period of time or as a percentage of the loan outstanding when compared to the value of the property.

09 MIR09 defines the amount of mortgage insurance as a percentage.

10 MIR10 defines the loan-to-value (LTV) ratio at the time of loan origination. Loan-to-value ratio is the percentage of the loan outstanding when compared to the value of the property.

12 MIR12 defines the expiration date of the proposed coverage.

MIS - Mortgagee Information Status

To provide information indicating status in mortgagee name, address, or name and address

TRANSACTION SETS USED IN

264

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	197	Mortgagee Information Status Code	1	M/Z	ID	2/2
02	374	Date/Time Qualifier	1	O/Z	ID	3/3
03	1250	Date Time Period Format Qualifier	1	O	ID	2/3
04	1251	Date Time Period	1	O	AN	1/35
05	348	Jurisdiction Code	1	O/Z	ID	3/3

Semantic Notes

01 MIS01 provides the status of mortgagee information. For example, NH indicates a change in name for the holding mortgagee.

02 MIS02 through MIS04 provide the date associated with the status, if any.

05 MIS05 identifies the jurisdiction of the regional servicing office.

MIT - Message Identification

To identify the beginning of a specific message and to allow the identification of a subject for the message

TRANSACTION SETS USED IN
864

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	352	Description	1	O/Z	AN	1/80
03	931	Page Width	1	O	N0	1/3
04	932	Page Length Lines	1	O	N0	1/3

Semantic Notes

01 MIT01 contains the message number.
02 MIT02 contains the message subject.

Comments

03 MIT03 default is 80 characters.
04 MIT04 default is 66 lines.

MKS - Marks Awarded

To provide additional information to the receiving institution about the marks, or series of marks, a student was awarded in a particular course

TRANSACTION SETS USED IN
130

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1304	Mark Code Type	1	O	ID	1/2
02	1148	Academic Grade Qualifier	1	X	ID	1/3
03	1258	Academic Grade	1	O	AN	1/3

Syntax Notes

03	C0302

MLA - Mortgage Loan Audit Information

To specify audit information about the loan

TRANSACTION SETS USED IN

245

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	367	Contract Number	1	M/Z	AN	1/30
03	782	Monetary Amount	1	M/Z	R	1/18
04	380	Quantity	1	O/Z	R	1/15
05	1365	Service Type Code	1	O	ID	1/2
06	546	Status Code	1	O/Z	ID	2/2
07	C055	Tax Service Non-payment Exception Code	1	O		
08	100	Currency Code	1	O/Z	ID	3/3

Semantic Notes

01 MLA01 contains the loan number.

02 MLA02 is the contract number assigned by the tax service company for the requesting party.

03 MLA03 contains the original amount of the mortgage loan.

04 MLA04 contains the original loan term in months.

06 MLA06 contains the property legal description status.

08 If the original amount of the mortgage loan defined in MLA03 is not in U.S. dollars, then MLA08 will contain the identification of the currency used.

MLS - Milestone

To identify milestone details for tasks or activities

TRANSACTION SETS USED IN

806

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1171	Milestone Number Identification	1	M	AN	1/20
02	352	Description	1	O	AN	1/80
03	1297	WorkStatus Code	1	O	ID	1/2
04	306	Action Code	1	O	ID	1/2

MNC - Mortgage Note Characteristics

To provide detailed characteristics information of a mortgage note

TRANSACTION SETS USED IN

205

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1136	Code Category	1	O	ID	2/2
02	1093	Real Estate Loan Type Code	1	O	ID	1/1
03	1101	Lien Priority Code	1	O	ID	1/1
04	1085	Loan Payment Type Code	1	O	ID	2/2
05	1086	Loan Rate Type Code	1	O	ID	1/1
06	594	Frequency Code	1	O	ID	1/1
07	1626	Interest Rate Calculation Method Code	1	O	ID	1/1
08	1470	Number	1	X/Z	N0	1/9
09	1470	Number	1	X/Z	N0	1/9
10	107	Payment Method Type Code	1	O	ID	1/2
11	1265	Interest Payment Code	1	O	ID	1/2
12	235	Product/Service ID Qualifier	1	X	ID	2/2
13	234	Product/Service ID	1	X	AN	1/80
14	750	Product/Process Characteristic Code	1	X	ID	2/3
15	751	Product Description Code	1	X	AN	1/12
16	1074	Type of Real Estate Asset Code	1	O	ID	2/2
17	1076	Real Estate Loan Security Instrument Code	1	O	ID	1/1

Syntax Notes

08 P0809
12 P1213
14 P1415

Semantic Notes

08 MNC08 indicates the number of period days used in interest computation.
09 MNC09 indicates the number of yearly days used in interest computation.

MOA - Outpatient Adjudication

To provide claim level data related to the adjudication of outpatient claims

TRANSACTION SETS USED IN
835 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	954	Percentage as Decimal	1	O/Z	R	1/10
02	782	Monetary Amount	1	O/Z	R	1/18
03	127	Reference Identification	1	O/Z	AN	1/80
04	127	Reference Identification	1	O/Z	AN	1/80
05	127	Reference Identification	1	O/Z	AN	1/80
06	127	Reference Identification	1	O/Z	AN	1/80
07	127	Reference Identification	1	O/Z	AN	1/80
08	782	Monetary Amount	1	O/Z	R	1/18
09	782	Monetary Amount	1	O/Z	R	1/18

Semantic Notes

01 MOA01 is the reimbursement rate.

02 MOA02 is the claim Healthcare Common Procedure Coding System (HCPCS) payable amount.

03 MOA03 is the Remittance Advice Remark Code. See Code Source 411.

04 MOA04 is the Remittance Advice Remark Code. See Code Source 411.

05 MOA05 is the Remittance Advice Remark Code. See Code Source 411.

06 MOA06 is the Remittance Advice Remark Code. See Code Source 411.

07 MOA07 is the Remittance Advice Remark Code. See Code Source 411.

08 MOA08 is the End Stage Renal Disease (ESRD) payment amount.

09 MOA09 is the professional component amount billed but not payable.

MPI - Military Personnel Information

To report military service data

TRANSACTION SETS USED IN
186 267 270 271

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1201	Information Status Code	1	M	ID	1/1
02	584	Employment Status Code	1	M	ID	2/2
03	1595	Government Service Affiliation Code	1	M	ID	1/1
04	352	Description	1	O/Z	AN	1/80
05	1596	Military Service Rank Code	1	O	ID	2/6
06	1250	Date Time Period Format Qualifier	1	X	ID	2/3
07	1251	Date Time Period	1	X/Z	AN	1/35

Syntax Notes

06 P0607

Semantic Notes

04 MPI04 is the actual response to further identify the exact military unit.
07 MPI07 indicates the date span of military service.

MPP - Mortgage Pool Program

To identify mortgage pool types

TRANSACTION SETS USED IN
202 203

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1136	Code Category	1	M	ID	2/2
02	1193	Program Type Code	1	M	ID	2/2
03	374	Date/Time Qualifier	1	X	ID	3/3
04	1250	Date Time Period Format Qualifier	1	X	ID	2/3
05	1251	Date Time Period	1	X	AN	1/35
06	782	Monetary Amount	1	O/Z	R	1/18
07	1579	Accrual Rate Method Code	1	O	ID	1/1
08	1322	Certification Type Code	1	O	ID	1/1

Syntax Notes

03 P030405

Semantic Notes

06 MPP06 is the total unpaid principal balance of the mortgage within the pool.

MPT - Manufacturer Preparation Information

To specify manufacturer preparation methods

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1853	Manufacturer Preparation Type Code	1	M	ID	3/3

MRC - Mortgagor Response Characteristics

To provide information on mortgagor responses and number of contacts made with a mortgagor

TRANSACTION SETS USED IN

264

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	98	Entity Identifier Code	1	M/Z	ID	2/3
02	196	Mortgagor Response Code	1	M/Z	ID	1/1
03	1079	Contact Method Code	1	M/Z	ID	1/1
04	380	Quantity	1	M/Z	R	1/15
05	1251	Date Time Period	1	O/Z	AN	1/35
06	1079	Contact Method Code	1	X	ID	1/1
07	380	Quantity	1	X	R	1/15
08	1079	Contact Method Code	1	X	ID	1/1
09	380	Quantity	1	X	R	1/15

Syntax Notes

06	P0607
08	P0809

Semantic Notes

01	MRC01 indicates the person contacted, whether it is the mortgagor, or the co-mortgagor.
02	MRC02 defines the attitude of mortgagor towards repayment of the loan, or the loan default, or the delinquency.
03	MRC03, MRC06, and MRC08 define the method of contact. "F" for face-to-face, "M" for mail, and "T" for telephone contact.
04	MRC04, MRC07, and MRC09 define the quantity as the number of contacts made with a mortgagor or a co-mortgagor.
05	MRC05 indicates the date of last contact with the mortgagor.

MS1 - Equipment, Shipment, or Real Property Location

To specify the location of a piece of equipment, a shipment, or real property in terms of city and state or longitude and latitude or postal code

TRANSACTION SETS USED IN
112 212 214 811 838

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	19	City Name	1	X	AN	2/30
02	156	State or Province Code	1	X	ID	2/2
03	26	Country Code	1	X	ID	2/3
04	1654	Longitude Code	1	X/Z	ID	7/10
05	1655	Latitude Code	1	X/Z	ID	7/10
06	1280	Direction Identifier Code	1	O/Z	ID	1/1
07	1280	Direction Identifier Code	1	O/Z	ID	1/1
08	116	Postal Code	1	O	ID	3/15
09	1794	Longitude, Decimal Format	1	X/Z	R	1/10
10	1795	Latitude, Decimal Format	1	X/Z	R	1/10

Syntax Notes

01	L010203
01	E010409
02	C0201
03	C0301
04	P0405
06	L060409
07	L070510
08	C0801
09	P0910

Semantic Notes

04	MS104 is the longitude expressed in Degrees, Minutes, and Seconds.
05	MS105 is the latitude expressed in Degrees, Minutes, and Seconds.
06	MS106 may only be 'E' or 'W'.
07	MS107 may only be 'N' or 'S'.
09	MS109 is the longitude expressed in decimal degrees.
10	MS110 is the latitude expressed in decimal degrees.

MS2 - Equipment or Container Owner and Type

To specify the owner, the identification number assigned by that owner, and the type of equipment

TRANSACTION SETS USED IN

106 107 211 212 214 240

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	X	ID	2/4
02	207	Equipment Number	1	X	AN	1/15
03	40	Equipment Description Code	1	O	ID	2/2
04	761	Equipment Number Check Digit	1	O	N0	1/1

Syntax Notes

01	P0102
04	C0402

Comments

03	MS203 identifies the type for the equipment specified in MS202.

MS3 - Interline Information

To identify the interline carrier and relevant data

TRANSACTION SETS USED IN
204 211 214 219 220

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	133	Routing Sequence Code	1	M	ID	1/2
03	19	City Name	1	X/Z	AN	2/30
04	91	Transportation Method/Type Code	1	O	ID	1/2
05	156	State or Province Code	1	O	ID	2/2

Syntax Notes

05 C0503

Semantic Notes

01 MS301 is the Standard Carrier Alpha Code (SCAC) of the interline carrier.
03 MS303 is the city where the interline was performed.

MS4 - Shipment or Package Dimensions

To identify the dimensions of a shipment or package

TRANSACTION SETS USED IN

215

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	90	Measurement Unit Qualifier	1	M	ID	1/1
02	82	Length	1	M	R	1/8
03	65	Height	1	M	R	1/8
04	189	Width	1	M	R	1/8

MS5 - Shipment Rates and Charges

To specify shipment rates and charges

TRANSACTION SETS USED IN
215

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	74	Declared Value	1	X/Z	N2	2/12
02	122	Rate/Value Qualifier	1	X	ID	2/2
03	60	Freight Rate	1	X	R	1/15
04	74	Declared Value	1	X/Z	N2	2/12
05	100	Currency Code	1	O/Z	ID	3/3

Syntax Notes

02	P0203
05	L050104

Semantic Notes

01	MS501 is the declared value for insurance purposes.
04	MS504 is the declared value for Customs purposes.
05	MS505 indicates the currency of MS501 and MS504.

MS6 - Shipment Quantity and Weight

To specify shipment weight

TRANSACTION SETS USED IN

215

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M/Z	R	1/15
02	187	Weight Qualifier	1	X	ID	1/2
03	81	Weight	1	X/Z	R	1/10
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2

Syntax Notes

02 P020304

Semantic Notes

01 MS601 is the number of cartons (packages) in a shipment.

03 MS603 is the weight of the shipment.

MSG - Message Text

To provide a free-form format that allows the transmission of text information

TRANSACTION SETS USED IN

100 112 124 138 141 142 143 149 153 159 175 176 186 187 188 189 195 196 197 198 200 201 202 206 242 249 252 255 256 259 260 262 264 265 267 268 271 272 273 278 283 286 435 504 521 536 620 810 811 813 819 821 833 839 841 848 851 864 868 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	933	Free-form Message Text	1	M	AN	1/264
02	934	Printer Carriage Control Code	1	X	ID	2/2
03	1470	Number	1	O/Z	N0	1/9

Syntax Notes

03 C0302

Semantic Notes

03 MSG03 is the number of lines to advance before printing.

Comments

02 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

03 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

MSI - Multi-stop Shipment Information

To specify multi-stop shipment information

TRANSACTION SETS USED IN

754

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	165	Stop Sequence Number	1	O	N0	1/3

Semantic Notes

01 MSI01 identifies whether the shipment is a multi-stop shipment. A "Y" indicates the shipment is a multi-stop shipment; an "N" indicates the shipment is not a multi-stop shipment.

Comments

01 When MSI01 contains code Y, MSI02 will contain the stop sequence number.

MSS - Material Safety Data Sheet Section Information

To identify the report section

TRANSACTION SETS USED IN
848

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	820	Report Section Name Code	1	X	ID	2/2
02	352	Description	1	X/Z	AN	1/80
03	156	State or Province Code	1	O/Z	ID	2/2
04	26	Country Code	1	O/Z	ID	2/3
05	259	Change Type Code	1	O	ID	1/1
06	1472	Report Section Number	1	X	AN	1/15
07	821	Safety Characteristic/Hazard Code	1	X	ID	3/3

Syntax Notes

01 R010206
01 E0107

Semantic Notes

02 MSS02 is a text description of the report section.
03 MSS03 indicates the state or province issuing the regulations that determine what is reported in this section of the Material Safety Data Sheet (MSDS).
04 MSS04 identifies the country issuing the regulations that determine what is reported in this section.

Comments

05 MSS05 indicates whether any data in this report section has changed since the last revision of this report.
07 MSS07 indicates that the safety characteristics or hazard name is included in the name of the MSDS section or subsection.

MTX - Text

To specify textual data

TRANSACTION SETS USED IN

105 113 150 155 179 194 251 274 284 500 620 625 650 754 805 806 810 814 832 836 840 843 850 855 857 860 864 865 880 890 892 894 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	363	Note Reference Code	1	O	ID	3/3
02	1551	Textual Data	1	X	AN	1/4096
03	1551	Textual Data	1	O	AN	1/4096
04	934	Printer Carriage Control Code	1	X	ID	2/2
05	1470	Number	1	O/Z	N0	1/9
06	819	Language Code	1	O	ID	2/3

Syntax Notes

01	C0102
03	C0302
05	C0504

Semantic Notes

05	MTX05 is the number of lines to advance before printing.

Comments

05	If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.

N1 - Party Identification

To identify a party by type of organization, name, and code

TRANSACTION SETS USED IN

100 101 103 104 106 107 108 110 113 120 128 130 131 132 133 135 138 140 141 142 143 146 147 149
150 152 153 154 155 157 158 159 163 170 179 180 185 186 187 188 189 190 194 195 196 197 198 199
200 201 202 203 204 206 210 211 212 213 214 215 216 217 219 220 222 223 227 228 240 242 244 249
250 251 252 256 259 260 261 263 264 265 266 267 268 269 274 277 280 283 288 290 300 301 304 309
310 311 312 313 317 322 325 355 357 361 362 404 410 412 417 418 421 422 423 424 426 431 433 434
452 453 455 456 470 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 753 754
805 806 810 811 812 813 814 816 819 820 821 822 823 824 826 828 830 832 833 834 835 836 838 839
840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863
864 865 866 867 869 870 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889
890 891 892 893 896 897 920 940 943 944 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	98	Entity Identifier Code	1	M	ID	2/3
02	93	Name	1	X	AN	1/60
03	66	Identification Code Qualifier	1	X	ID	1/2
04	67	Identification Code	1	X	AN	2/80
05	706	Entity Relationship Code	1	O	ID	2/2
06	98	Entity Identifier Code	1	O	ID	2/3
07	C076	Composite Identification Codes	1	O		

Syntax Notes

02	R0203
03	P0304
07	C0703

Comments

04	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
05	N105 and N106 further define the type of entity in N101.

N10 - Quantity and Description

To indicate line item quantity, description, marks and numbers, commodity code, weight, and customs value

TRANSACTION SETS USED IN

200 201 215 309 355 404 417 833 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	O	R	1/15
02	369	Free-form Description	1	O	AN	1/45
03	87	Marks and Numbers	1	O	AN	1/80
04	23	Commodity Code Qualifier	1	X	ID	1/2
05	22	Commodity Code	1	X	AN	1/30
06	602	Customs Shipment Value	1	X/Z	N0	2/9
07	188	Weight Unit Code	1	X	ID	1/1
08	81	Weight	1	X	R	1/10
09	127	Reference Identification	1	O/Z	AN	1/80
10	599	Manifest Unit Code	1	O	ID	1/3
11	26	Country Code	1	O/Z	ID	2/3
12	26	Country Code	1	O/Z	ID	2/3
13	100	Currency Code	1	O/Z	ID	3/3

Syntax Notes

04	P0405
07	P0708
13	C1306

Semantic Notes

06	If N1013 is not used, the default currency of N1006 is USD (US Dollar).
09	N1009 is the U.S. Customs and Border Protection (CBP) bar code number for line release.
11	N1011 is the country of the manufacturer of the goods.
12	N1012 is the country of the final destination of the goods.
13	N1013 is the currency of the value of N1006.

N11 - Store Location

To specify store numbers related to specific addresses for deliveries

TRANSACTION SETS USED IN

812 818

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	614	Store Number	1	M	AN	1/10
02	310	Location Identifier	1	O/Z	AN	1/30
03	127	Reference Identification	1	O/Z	AN	1/80

Semantic Notes

02 N1102 is the area within the selling location.

03 N1103 is the sales commission plan number.

N12 - Equipment Environment

To describe the operating environment of the equipment

TRANSACTION SETS USED IN

285 286 304 310 312

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	829	Fuel Type Code	1	M	ID	1/1
02	C001	Composite Unit of Measure	1	M		

N2 - Additional Name Information

To specify additional names

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 110 111 112 113 120 124 128 130 132 133 140 141 142 143 146 147 148
149 150 152 153 154 155 157 163 175 176 179 180 185 187 188 189 190 194 195 196 197 198 199 200
201 202 203 204 205 206 210 211 212 213 214 215 216 219 220 222 223 227 240 244 245 248 249 250
251 252 255 256 259 260 261 262 264 265 266 267 268 269 270 271 272 273 274 276 277 278 280 283
284 285 286 288 290 300 301 304 310 311 312 317 325 362 404 410 412 417 423 424 426 434 470 500
501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 753 754 805 806 810 811 812
813 814 816 819 820 821 822 823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842
843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866
867 869 870 875 876 878 879 880 881 882 885 887 888 889 890 892 893 896 897 940 943 944 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	93	Name	1	M	AN	1/60
02	93	Name	1	O	AN	1/60

N21 - Equipment Registration Details

To identify the equipment being registered

TRANSACTION SETS USED IN
603

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	206	Equipment Initial	1	M	AN	1/4
02	207	Equipment Number	1	M	AN	1/15
03	207	Equipment Number	1	O/Z	AN	1/15
04	81	Weight	1	X/Z	R	1/10
05	188	Weight Unit Code	1	X	ID	1/1
06	167	Tare Weight	1	X	N0	3/8
07	188	Weight Unit Code	1	X	ID	1/1
08	571	Tare Qualifier Code	1	O	ID	1/1
09	183	Volume	1	X	R	1/8
10	184	Volume Unit Qualifier	1	X	ID	1/1
11	40	Equipment Description Code	1	O	ID	2/2
12	102	Ownership Code	1	O	ID	1/1
13	567	Equipment Length	1	O/Z	N0	4/5
14	65	Height	1	O/Z	R	1/8
15	189	Width	1	O/Z	R	1/8
16	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
17	24	Equipment Type Code	1	O	ID	4/4
18	301	Car Type Code	1	O	ID	1/4
19	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
20	761	Equipment Number Check Digit	1	O/Z	N0	1/1
21	302	Location on Equipment Code	1	O/Z	ID	1/3

Syntax Notes

04	P0405
06	P0607
08	C080607
09	P0910

Semantic Notes

03	N2103 indicates the high end of an equipment range begun in N2102.
04	N2104 is the maximum load limit of the equipment.
13	N2113 is the outside length of the equipment expressed in FFFII.
14	N2114 is the outside height of the equipment expressed in FFII.
15	N2115 is the outside width of the equipment expressed in FFII.
16	N2116 is the owner of the equipment.
19	N2119 is the operator or carrier of the rights of the equipment.

20 N2120 is the check digit of the equipment number shown in the N2103.
21 N2121 is the location of the refrigeration unit if present.

Comments

01 N2101 is mandatory for rail transactions.
17 N2117 is the ISO Equipment Type.
18 N2118 is the AAR Car Type.

N3 - Party Location

To specify the location of the named party

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 110 111 112 113 120 124 128 130 132 133 135 138 140 141 142 143 144
146 147 148 149 150 152 153 154 155 157 163 175 176 179 180 185 186 187 188 189 190 191 194 195
196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 227
228 240 245 248 249 250 251 252 255 256 259 260 261 262 264 265 266 267 268 269 270 271 272 273
274 275 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310 311 312 317 322 325 355 358
359 404 410 412 417 418 421 422 423 424 426 434 460 470 490 500 501 503 504 511 517 521 527 536
540 561 567 568 601 603 620 625 650 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822
823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849
850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 869 870 873 874 875 876
878 879 880 881 882 885 887 888 889 890 892 893 896 897 920 940 943 944 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	166	Address Information	1	M	AN	1/55
02	166	Address Information	1	O	AN	1/55

N4 - Geographic Location

To specify the geographic place of the named party

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 110 111 112 113 120 124 128 130 132 133 135 138 140 141 142 143 144
146 147 148 149 150 152 153 154 155 157 159 163 175 176 179 180 185 186 187 188 189 190 191 194
195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219 220 222 223
227 228 240 245 248 249 250 251 252 255 256 259 260 261 262 264 265 266 267 268 269 270 271 272
273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310 311 312 317 322 325 355
358 359 404 410 412 417 418 421 422 423 424 426 431 434 455 456 460 470 490 494 500 501 503 504
511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 753 754 805 806 810 811 812 813 814
816 818 819 820 821 822 823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842 843
844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867
869 870 873 874 875 876 878 879 880 881 882 885 887 888 889 890 892 893 896 897 920 940 943 944
945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	19	City Name	1	O	AN	2/30
02	156	State or Province Code	1	X	ID	2/2
03	116	Postal Code	1	X	ID	3/15
04	26	Country Code	1	X	ID	2/3
05	309	Location Qualifier	1	X	ID	1/2
06	310	Location Identifier	1	O	AN	1/30
07	1715	Country Subdivision Code	1	X	ID	1/9
08	1702	Postal Code-Formatted	1	X	AN	3/20

Syntax Notes

02	E0207
03	E0308
06	C0605
07	C0704

Comments

01	A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
03	N403 contains the postal code in an unstructured format. N408 contains the postal code in a structured format. When a postal code data field is used, the parties shall agree as to which data element (N403 or N408) shall be used in the transaction set.

N5 - Equipment Ordered

To specify carrier equipment

TRANSACTION SETS USED IN

404 410 417 426 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	567	Equipment Length	1	O	N0	4/5
02	233	Weight Capacity	1	O	N0	2/3
03	203	Cubic Capacity	1	O	N0	2/5
04	301	Car Type Code	1	O	ID	1/4
05	216	Metric Qualifier	1	O	ID	1/1
06	65	Height	1	O	R	1/8
07	643	Lading Percentage	1	X	N2	2/4
08	644	Lading Percent Qualifier	1	X	ID	1/1
09	40	Equipment Description Code	1	O	ID	2/2

Syntax Notes

07 P0708

Comments

06 N506 is expressed in inches.

N7 - Equipment Details

To identify the equipment

TRANSACTION SETS USED IN

121 125 163 204 210 219 220 222 223 227 300 301 304 310 312 322 324 326 350 404 410 417 422 423 426 436 456 470 715 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	206	Equipment Initial	1	O	AN	1/4
02	207	Equipment Number	1	M	AN	1/15
03	81	Weight	1	X	R	1/10
04	187	Weight Qualifier	1	X	ID	1/2
05	167	Tare Weight	1	X	N0	3/8
06	232	Weight Allowance	1	O	N0	2/6
07	205	Dunnage	1	O	N0	1/6
08	183	Volume	1	X	R	1/8
09	184	Volume Unit Qualifier	1	X	ID	1/1
10	102	Ownership Code	1	O	ID	1/1
11	40	Equipment Description Code	1	O	ID	2/2
12	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
13	319	Temperature Control	1	O	AN	3/6
14	219	Position	1	O	AN	1/3
15	567	Equipment Length	1	O	N0	4/5
16	571	Tare Qualifier Code	1	X	ID	1/1
17	188	Weight Unit Code	1	O	ID	1/1
18	761	Equipment Number Check Digit	1	O	N0	1/1
19	56	Type of Service Code	1	O	ID	2/2
20	65	Height	1	O	R	1/8
21	189	Width	1	O	R	1/8
22	24	Equipment Type Code	1	O	ID	4/4
23	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
24	301	Car Type Code	1	O	ID	1/4

Syntax Notes

03 P0304
05 P0516
08 P0809

Semantic Notes

12 N712 is the owner of the equipment.
23 N723 is the operator or carrier of the rights of the equipment.

Comments

01 N701 is mandatory for rail transactions.

N720 and N721 are expressed in inches.

N7A - Accessorial Equipment Details

To identify the accessorial equipment required to load or unload product

TRANSACTION SETS USED IN
204 219 220

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1042	Load or Deice Code	1	O	ID	2/2
02	82	Length	1	O/Z	R	1/8
03	1043	Diameter	1	O/Z	R	1/2
04	1044	Hose Type Code	1	O	ID	3/3
05	1043	Diameter	1	O/Z	R	1/2
06	1043	Diameter	1	O/Z	R	1/2
07	1045	Inlet or Outlet Material Type Code	1	O	ID	2/2
08	1046	Inlet or Outlet Fitting Type Code	1	O	ID	2/2
09	1047	Miscellaneous Equipment Code	1	O	ID	2/2

Semantic Notes

02 N7A02 is the length of the hose in feet.

03 N7A03 is the diameter of the hose in inches. The hose connects the trailer with the storage tank, etc.

05 N7A05 is the diameter of the outlet or inlet in inches.

06 N7A06 is the diameter of the hose in inches. This hose connects the trailer to an unloading device (pump, blower, etc.).

N7B - Additional Equipment Details

To identify additional equipment details

TRANSACTION SETS USED IN
204 219 220

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1024	Number of Tank Compartments	1	O	N0	1/2
02	1025	Loading or Discharge Location Code	1	O	ID	1/1
03	1026	Vessel Material Code	1	O	ID	3/3
04	1030	Gasket Type Code	1	O	ID	3/3
05	1031	Trailer Lining Type Code	1	O	ID	3/3
06	127	Reference Identification	1	O/Z	AN	1/80

Semantic Notes

06 N7B06 is the Department of Transportation or the Interstate Commerce Commission Motor Carrier Cargo Tank Specification.

Comments

06 N7B06 may include but are not limited to MC300 through MC307, MC310 through MC312, MC330, MC331, MC338, DOT 406, DOT 407, and DOT 412.

N8 - Waybill Reference

To identify the waybill and to specify the equipment used and the destination details

TRANSACTION SETS USED IN
410 417 421 426 456 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	186	Waybill Number	1	M	N0	1/6
02	373	Date	1	M/Z	DT	8/8
03	231	Cross Reference Type Code	1	X	ID	1/1
04	206	Equipment Initial	1	X	AN	1/4
05	207	Equipment Number	1	X	AN	1/15
06	186	Waybill Number	1	X	N0	1/6
07	373	Date	1	X	DT	8/8
08	19	City Name	1	X/Z	AN	2/30
09	156	State or Province Code	1	X	ID	2/2
10	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
11	573	Freight Station Accounting Code	1	X/Z	ID	1/5

Syntax Notes

03	P030405
06	P0607
08	P0809
10	P1011

Semantic Notes

02	N802 is the waybill date.
08	N808 is the destination station of movement.
10	N810 will contain destination railroad initial Standard Carrier Alpha Code (SCAC).
11	N811 will contain railroad destination Freight Station Accounting Code (FSAC).

Comments

00	Waybill type should be transmitted only when the transaction set involves a multiple Car/TOFC/COFC shipment or a conveying flat car. Waybill type should not be sent on a single Car/TOFC/COFC.
07	N807 is the waybill date.

N8A - Additional Reference Information

To identify additional station and waybill or station, or waybill information pertaining to revenue waybill

TRANSACTION SETS USED IN
417 421 426

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1378	Waybill Cross-Reference Code	1	O	ID	2/2
02	186	Waybill Number	1	O	N0	1/6
03	373	Date	1	O/Z	DT	8/8
04	127	Reference Identification	1	O/Z	AN	1/80
05	19	City Name	1	X/Z	AN	2/30
06	156	State or Province Code	1	X	ID	2/2
07	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
08	573	Freight Station Accounting Code	1	O	ID	1/5
09	206	Equipment Initial	1	O	AN	1/4
10	207	Equipment Number	1	O	AN	1/15

Syntax Notes

05 P0506

Semantic Notes

03 N8A03 is the date of the waybill in N8A02.
04 N8A04 is the unique revenue reference waybill identification number (URRWIN).
05 N8A05 and N8A06 identifies the location based on the code in N8A01.
07 N8A07 and N8A08 identify the carrier associated with the N8A01.

N9 - Extended Reference Information

To transmit identifying information as specified by the Reference Identification Qualifier

TRANSACTION SETS USED IN

101 104 109 110 112 113 124 132 140 141 142 143 152 154 155 159 160 161 179 180 194 197 202 206
228 252 256 259 263 266 267 272 284 285 286 300 301 304 309 310 311 312 313 315 317 322 324 325
326 350 355 357 358 404 410 417 421 422 423 426 432 435 452 455 456 470 511 517 527 536 561 567
568 603 805 810 812 814 820 821 831 832 838 840 841 843 844 850 851 852 855 857 858 859 860 863
865 867 873 874 875 876 879 880 881 882 884 885 887 888 889 891 894 896 897 940 943 944 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	M	ID	2/3
02	127	Reference Identification	1	X	AN	1/80
03	369	Free-form Description	1	X	AN	1/45
04	373	Date	1	O	DT	8/8
05	337	Time	1	X	TM	4/8
06	623	Time Code	1	O/Z	ID	2/2
07	C040	Reference Identifier	1	O/Z		

Syntax Notes

02 R0203
06 C0605

Semantic Notes

06 N906 reflects the time zone which the time reflects.
07 N907 contains data relating to the value cited in N902.

NA - Cross-Reference Equipment

To cross-reference additional equipment to a primary piece of equipment

TRANSACTION SETS USED IN

228 311 322 324 404 451 456 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	O	ID	2/3
02	127	Reference Identification	1	X	AN	1/80
03	206	Equipment Initial	1	M	AN	1/4
04	207	Equipment Number	1	M	AN	1/15
05	231	Cross Reference Type Code	1	O	ID	1/1
06	219	Position	1	O	AN	1/3
07	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
08	567	Equipment Length	1	O	N0	4/5
09	140	Standard Carrier Alpha Code	1	O	ID	2/4
10	845	Chassis Type Code	1	O	ID	2/2
11	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
12	761	Equipment Number Check Digit	1	O/Z	N0	1/1

Syntax Notes

01 C0102

Semantic Notes

07 NA07 is the owner's Standard Carrier Alpha Code (SCAC) code.

11 NA11 indicates the equipment damage status. A "Y" indicates equipment is damaged; an "N" indicates equipment is not damaged.

12 NA12 is the check digit for the equipment number in NA04.

Comments

03 NA03 contains the equipment initial of an associated shipment and is required by rail. If unknown, use NONZ for van or NONU for container.

04 NA04 contains the equipment number of an associated shipment.

09 NA09 is the Standard Carrier Alpha Code (SCAC) code of the operator of the equipment.

NCA - Nonconformance Action

To specify the action that is to be taken in response to a nonconformance condition

TRANSACTION SETS USED IN

842

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O	AN	1/20
02	887	Nonconformance Resultant Response Code	1	X	ID	1/2
03	352	Description	1	X/Z	AN	1/80
04	380	Quantity	1	X	R	1/15
05	C001	Composite Unit of Measure	1	X		

Syntax Notes

02 R0203
04 P0405

Semantic Notes

03 NCA03 describes the action that is to be undertaken.

Comments

04 NCA04 is used to specify the quantity that is associated with NCA02 or NCA03.

NCD - Nonconformance Description

To describe the nonconformance condition

TRANSACTION SETS USED IN

842

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	936	Measurement Attribute Code	1	X	ID	2/2
02	888	Nonconformance Determination Code	1	X	ID	1/1
03	350	Assigned Identification	1	O	AN	1/20
04	750	Product/Process Characteristic Code	1	O	ID	2/3
05	559	Agency Qualifier Code	1	O	ID	2/2
06	751	Product Description Code	1	O	AN	1/12
07	352	Description	1	O	AN	1/80

Syntax Notes

01	R0102

NF1 - Nutrition Facts Panel

To specify the nutritional fact panel information associated with the product.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1799	Nutrition Facts Table (NFT) Format Type	1	M	ID	1/2
02	380	Quantity	1	M/Z	R	1/15
03	1321	Condition Indicator Code	1	O/Z	ID	2/3

Semantic Notes

02 NF102 is the number of nutrition facts sets

03 NF103 valid codes are WWA and WWB

NF2 - Serving Size Statement

To specify the serving size statement in the nutrition facts panel of the product.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C071	Composite Multiple Language Text Information	1	M/Z		
02	739	Measurement Value	1	X/Z	R	1/20
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	935	Measurement Significance Code	1	O/Z	ID	2/2
05	739	Measurement Value	1	X/Z	R	1/20
06	355	Unit or Basis for Measurement Code	1	X	ID	2/2
07	935	Measurement Significance Code	1	O/Z	ID	2/2

Syntax Notes

02 P0203

05 P0506

Semantic Notes

01 NF201 Provides the product's serving size in a text format. Example 1: 1/2 cup uncooked (40g); Example 2: 1/12 package (44g, about 1/4 cup dry mix)

02 NF202 represents the serving size in metric or imperial measurement as indicated in the serving size statement in NF201

04 NF204 Valid codes are 03, 04, 05, 06 and 07, pertaining to the measurement in NF202

05 NF205 represents an additional serving size in metric or imperial measurement as indicated in the serving size statement in NF201, if present.

07 NF207 Valid codes are 03, 04, 05, 06 and 07, pertaining to the measurement in NF205

Comments

02 This is the numeric representation of the serving size included in the serving size text NF201. Example 1: for 1/2 cup ".5" in NF202 with "CU" in NF203

05 If a second serving size value is present, it is provided in NF205. Example 1: for 1/2 cup "40" in NF205 with "GR" in NF206

NF3 - Servings Per Container Statement

To specify the servings per container statement in the nutrition facts panel of the product and accommodates the servings per container value in metric or imperial measurements.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C071	Composite Multiple Language Text Information	1	M/Z		
02	739	Measurement Value	1	X/Z	R	1/20
03	355	Unit or Basis for Measurement Code	1	X/Z	ID	2/2
04	935	Measurement Significance Code	1	O/Z	ID	2/2

Syntax Notes

02	P0203

Semantic Notes

01	NF301 Provides the product's serving per container in a text format from the top of the nutrition fact panel. Example: Serving Per Container 2
02	NF302 represents the servings per container in metric or imperial measurement as indicated in the servings per container statement in NF301
03	NF303 uses a value of CH Container
04	NF304 Valid codes are 03, 04, 05, 06 and 07, pertaining to the measurement in NF302.

NF4 - Nutrition Facts Panel Calorie

Provides calorie information as it appears on the product's nutritional facts table.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	738	Measurement Qualifier	1	M/Z	ID	1/3
02	739	Measurement Value	1	M	R	1/20
03	355	Unit or Basis for Measurement Code	1	O/Z	ID	2/2

Semantic Notes

01 NF401 valid codes are CAL, CFF, STF.

03 NF403 Valid code is R4 Calorie

NF5 - Nutrition Facts Panel Fats

Provides fat information with the corresponding measurements as they appear on the product's nutritional facts table.

TRANSACTION SETS USED IN
832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	738	Measurement Qualifier	1	M/Z	ID	1/3
02	739	Measurement Value	1	M	R	1/20
03	355	Unit or Basis for Measurement Code	1	M	ID	2/2
04	935	Measurement Significance Code	1	O/Z	ID	2/2
05	739	Measurement Value	1	O/Z	R	1/20
06	C071	Composite Multiple Language Text Information	1	O/Z		

Semantic Notes

01 NF501 are codes identifying fats.
04 NF504 pertains to the measurement in NF503
05 NF505 is the percent daily value (DV) of the code specified in NF501.
06 NF506 provides additional details to support the nutrition information

NF6 - Nutrition Facts Panel Carbohydrates

Provides carbohydrates information with the corresponding measurements as they appear on the product's nutritional facts table.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	738	Measurement Qualifier	1	M/Z	ID	1/3
02	739	Measurement Value	1	M	R	1/20
03	355	Unit or Basis for Measurement Code	1	M	ID	2/2
04	935	Measurement Significance Code	1	O/Z	ID	2/2
05	739	Measurement Value	1	O/Z	R	1/20

Semantic Notes

01	NF601 are codes identifying carbohydrates. Code TTC Total Carbohydrates pertains to all carbohydrates in the product.
04	NF604 Valid codes are 03, 04, 05, 06 and 07, pertaining to the measurement in NF602
05	NF605 is the percent daily value (DV) of the code specified in NF601

NF7 - Nutrition Facts Panel Other Nutrients

Provides other nutrient information with the corresponding measurements as they appear on the product's nutritional facts table.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	738	Measurement Qualifier	1	M	ID	1/3
02	739	Measurement Value	1	M	R	1/20
03	355	Unit or Basis for Measurement Code	1	M	ID	2/2
04	935	Measurement Significance Code	1	O/Z	ID	2/2
05	739	Measurement Value	1	O/Z	R	1/20

Semantic Notes

04	NF704 Valid codes are 03, 04, 05, 06 and 07, pertaining to the measurement in NF702
05	NF705 is the percent daily value (DV) of NF702

NF8 - Nutrition Facts Panel Vitamins and Minerals

Provides vitamin and mineral information with the corresponding measurements as they appear on the product's nutritional facts table.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	738	Measurement Qualifier	1	M	ID	1/3
02	739	Measurement Value	1	M/Z	R	1/20
03	739	Measurement Value	1	X/Z	R	1/20
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	935	Measurement Significance Code	1	O/Z	ID	2/2

Syntax Notes

03	P0304

Semantic Notes

02	NF802 is the percent daily value (DV) of the code specified in NF801
03	NF803 and NF804 is an additional value pertaining to the vitamin or mineral. Example 5 GR.
05	NF805 Valid codes are 03, 04, 05, 06 and 07, pertaining to the measurement in NF802

NFB - Nutrition Facts Panel Footer Calorie Diet

Provides footer statement for a calorie diet quantity as it appears on the product's nutritional facts table.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M/Z	R	1/15

Semantic Notes

01 NFB01 Denotes the calorie counts for the diet as stated in the footer panel. Example 2,000 calorie diet

NFC - Nutrition Facts Panel Footer Calorie Diet Nutrient Amounts

Provides footer statement for a calorie diet nutrient amounts as it appears on the product's nutritional facts table.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	738	Measurement Qualifier	1	M	ID	1/3
02	739	Measurement Value	1	M	R	1/20
03	355	Unit or Basis for Measurement Code	1	O	ID	2/2
04	935	Measurement Significance Code	1	O/Z	ID	2/2

Semantic Notes

04 NFC04 Valid codes are 03, 04, 05, 06 and 07, pertaining to the measurement in NFC02

Comments

00 This segment provides the information from the Footer of the nutrition fact panel relating to the Calorie Diet(s). Example a 2000 or 2500 Calorie Diet, also includes the total Fat, Cholesterol, Sodium, Total Carbohydrates, and Dietary Fiber.

NFD - Nutrition Facts Panel Footer Statement

Provides footer statement(s) for the Nutrient Facts Label.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C071	Composite Multiple Language Text Information	1	O/Z		

Semantic Notes

01 NFD01 is the % Daily Value statement in the footer of the nutrition facts label.

Comments

01 When there is more than one footer statement that is in multiple languages, there is a need to track each statement to its language. NFD01 is used to track a statement that is provided in multiple languages. Examples: Dry Mix*EN*Statement 1 Teneur de poudre*FR*Statement 1 1/2 cup skim milk adds 40 calories*EN*Statement 2 1/2 tasse de lait ecreme ajoute 40 calories*FR* Statement 2

NFE - Nutrition Facts Panel Product Name

Provides the name of the product or product variant as per the nutrition facts table.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C071	Composite Multiple Language Text Information	1	M/Z		
02	C071	Composite Multiple Language Text Information	1	O/Z		
03	C071	Composite Multiple Language Text Information	1	O/Z		

Semantic Notes

01 NFE01 Provides the product name or product variant name.

02 NFE02 Provides the product state statement as it appears on the label. Example: Dry Mix; Prepared

03 NFE03 Provides the product statement pertaining to NFE02. Example: NFE02 = Prepared and NFE03 is the supporting statement for prepared. This statement typically appears in the footer of the nutrition facts label.

NM1 - Individual or Organizational Name

To supply the full name of an individual or organizational entity

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 132 133 148 153 154 155 157 161 175 176 179 186 187 194 197 198 199
201 202 205 228 240 244 245 248 252 255 256 260 261 262 266 267 268 269 270 271 272 273 274 275
276 277 278 283 284 285 286 309 350 355 358 359 418 424 500 521 540 650 806 811 814 818 820 821
823 824 827 828 830 834 835 837 858 861 863 872 890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	98	Entity Identifier Code	1	M	ID	2/3
02	1065	Entity Type Qualifier	1	M/Z	ID	1/1
03	1035	Name Last or Organization Name	1	X	AN	1/80
04	1036	Name First	1	O	AN	1/35
05	1037	Name Middle	1	O	AN	1/25
06	1038	Name Prefix	1	O	AN	1/10
07	1039	Name Suffix	1	O	AN	1/10
08	66	Identification Code Qualifier	1	X	ID	1/2
09	67	Identification Code	1	X	AN	2/80
10	706	Entity Relationship Code	1	X	ID	2/2
11	98	Entity Identifier Code	1	O	ID	2/3
12	1035	Name Last or Organization Name	1	O	AN	1/80

Syntax Notes

08 P0809
11 C1110
12 C1203

Semantic Notes

02 NM102 qualifies NM103.

Comments

10 NM110 and NM111 further define the type of entity in NM101.
12 NM112 can identify a second surname.

NTE - Note/Special Instruction

To transmit information in a free-form format, if necessary, for comment or special instruction

TRANSACTION SETS USED IN

103 104 110 130 133 135 146 147 152 154 179 180 185 189 190 194 195 198 199 200 201 204 206 215
219 220 222 227 228 240 249 251 255 260 261 262 266 285 288 290 410 422 424 426 429 452 463 470
501 503 511 521 527 567 810 811 820 823 824 835 837 841 842 844 845 847 848 849 853 858 859 863
869 875 876 879 880 884 888 889 896 920 940 943 944 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	363	Note Reference Code	1	O	ID	3/3
02	352	Description	1	M	AN	1/80

Comments

00	The NTE segment permits free-form information/data which, under X12 standard implementations, is not machine processible. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

NUT - Nuts Information

To specify type of nuts and related characteristics.

TRANSACTION SETS USED IN
832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O/Z	AN	1/20
02	1852	Type of Nuts	1	M	ID	6/6
03	739	Measurement Value	1	M/Z	R	1/20

Semantic Notes

01 Is the sequence number of the nut in the list of nuts.

03 Provides the percentage of nut.

NX1 - Property or Entity Identification

To define the attributes of a property or an entity

TRANSACTION SETS USED IN

105 111 155 194 197 198 199 200 201 202 205 206 245 261 262 265 267 272 274 275 280 285 833 834 872 890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	98	Entity Identifier Code	1	M	ID	2/3
02	98	Entity Identifier Code	1	O	ID	2/3
03	98	Entity Identifier Code	1	O	ID	2/3
04	98	Entity Identifier Code	1	O	ID	2/3
05	98	Entity Identifier Code	1	O	ID	2/3

NX2 - Location ID Component

To define types and values of a geographic location

TRANSACTION SETS USED IN

101 105 113 155 158 187 197 198 199 200 201 202 203 205 206 244 245 255 261 262 265 280 362 620 811 833 850 855 860 865 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1106	Address Component Qualifier	1	M	ID	2/2
02	166	Address Information	1	M	AN	1/55
03	1096	County Designator Code	1	O	ID	5/5
04	1106	Address Component Qualifier	1	X/Z	ID	2/2
05	166	Address Information	1	X	AN	1/55
06	554	Assigned Number	1	O	N0	1/9

Syntax Notes

04 P0405

Semantic Notes

04 NX204 and NX205 are used in conjunction with NX201 and NX202 to convey a range of address components, such as "street address high" and "street address low."

Comments

00 If NX201 codes 15 and 16 are sent for 4 insured properties, a total of 8 records are sent. The first address would carry a value of 1 in NX206 for its two records, the second address would carry a value of 2 for its two records, etc.

00 NX206 links the NX2 records that belong to an individual property address when more than one property address is sent

OBI - Obligation Information

To identify borrower's financial obligation

TRANSACTION SETS USED IN
206

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	811	Obligation Type Code	1	M/Z	ID	2/2
02	93	Name	1	O/Z	AN	1/60
03	782	Monetary Amount	1	O/Z	R	1/18
04	782	Monetary Amount	1	O/Z	R	1/18
05	594	Frequency Code	1	O/Z	ID	1/1
06	380	Quantity	1	O/Z	R	1/15

Semantic Notes

01 OBI01 is the code that identifies the type of financial obligation.
02 OBI02 is the name of the liability holder.
03 OBI03 is the amount of the obligation balance.
04 OBI04 is the amount of the scheduled payments.
05 OBI05 is the frequency of the scheduled payments.
06 OBI06 is the number of delinquent payments.

OD - Origin and Destination

To identify the origin and destination of a shipment

TRANSACTION SETS USED IN

453

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	154	Standard Point Location Code	1	M/Z	ID	6/9
02	154	Standard Point Location Code	1	M/Z	ID	6/9
03	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
04	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4

Semantic Notes

01 OD01 is the Standard Point Location Code corresponding to the origin.

02 OD02 is the Standard Point Location Code of the Destination.

03 OD03 is the Standard Carrier Alpha Code (SCAC) of the carrier serving the Standard Point Location Code identified in OD01.

04 OD04 is the Standard Carrier Alpha Code (SCAC) of the carrier serving the Standard Point Location Code identified in OD02.

OI - Other Health Insurance Information

To specify information associated with other health insurance coverage

TRANSACTION SETS USED IN
837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1032	Claim Filing Indicator Code	1	O	ID	1/2
02	1383	Claim Submission Reason Code	1	O	ID	2/2
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
04	1351	Patient Signature Source Code	1	O	ID	1/1
05	1360	Provider Agreement Code	1	O	ID	1/1
06	1363	Release of Information Code	1	O	ID	1/1
07	1359	Provider Accept Assignment Code	1	O	ID	1/1
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
11	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

03 OI03 is the assignment of benefits indicator. A "Y" value indicates insured or authorized person authorizes benefits to be assigned to the provider; an "N" value indicates benefits have not been assigned to the provider.

08 OI08 is payer-to-payer adjustment code. A "Y" value indicates a payer-to-payer COB claim is an adjustment. An "N" value indicates payer-to-payer COB claim is not an adjustment.

09 OI09 is payer to data reporting adjustment code. A "Y" value indicates a payer-to-data reporting entity claim is an adjustment. An "N" value indicates payer-to-data reporting entity claim is not an adjustment.

10 OI10 is payer-to-payer void code. A "Y" value indicates a payer-to-payer COB claim is a void. An "N" value indicates payer-to-payer COB claim is not a void.

11 OI11 is payer to data reporting void code. A "Y" value indicates a payer-to-data reporting entity claim is a void. An "N" value indicates payer-to-data reporting entity claim is not a void.

OID - Order Information Detail

To specify order information detail

TRANSACTION SETS USED IN

163 204 210 211 212 214 223 753 754

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	X/Z	AN	1/80
02	324	Purchase Order Number	1	X	AN	1/22
03	127	Reference Identification	1	O/Z	AN	1/80
04	211	Packaging Form Code	1	X	ID	3/3
05	380	Quantity	1	X	R	1/15
06	188	Weight Unit Code	1	X	ID	1/1
07	81	Weight	1	X	R	1/10
08	184	Volume Unit Qualifier	1	X	ID	1/1
09	183	Volume	1	X	R	1/8
10	647	Application Error Condition Code	1	O	ID	1/3
11	127	Reference Identification	1	O/Z	AN	1/80
12	211	Packaging Form Code	1	X	ID	3/3
13	380	Quantity	1	X	R	1/15

Syntax Notes

01	R0102
03	C0302
04	P0405
06	P0607
08	P0809
12	P1213

Semantic Notes

01	OID01 is the seller's order identification number.
03	OID03 is the number assigned by the consignee to further define the purchase order number.
11	OID11 specifies the sorting and/or segregating number for each receiving location (processing area).

Comments

12	OID12 and OID13 allow for a second occurrence of the packaging form for an order, with a different Packaging Form Code. As an example, an order may be comprised of 12 cartons (OID04 and OID05) on 2 pallets (OID12 and OID13).

OOI - Associated Object Type Identification

To identify attributes and status related to the object

TRANSACTION SETS USED IN
102 179 271 274 275 824

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1694	Object Identification Group	1	M	AN	1/2
02	1691	Object Type Qualifier	1	M/Z	ID	1/3
03	1692	Object Attribute Identification	1	M	AN	1/256
04	1693	Controlling Agency Code	1	O	ID	1/3
05	1871	Attachment Format Identifier	1	O	ID	3/4

Syntax Notes

05 C0502

Semantic Notes

02 Object type qualifier (data element 1691) defines the object attribute (either data element 1692 or 1693), instructing the receiving system on how to process and route the object.

OPS - Program Subject Area and Eligibility

To provide the receiving educational institution or agency with information about the student's eligibility and participation in selected subject areas within other programs

TRANSACTION SETS USED IN

130

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	66	Identification Code Qualifier	1	X/Z	ID	1/2
02	67	Identification Code	1	X	AN	2/80
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
04	1132	Instructional Setting Code	1	O	ID	1/2
05	C001	Composite Unit of Measure	1	X/Z		
06	380	Quantity	1	X	R	1/15

Syntax Notes

01	P0102
05	P0506

Semantic Notes

01	OPS01 and OPS02 are the subject area dealt with in the program.
03	OPS03 indicates the eligibility determination of the student for a program. A "Y" indicates that the student is being served; an "N" indicates that the student is eligible, but is not being served.
05	OPS05 and OPS06 together can be used to provide hours per week or other rates related to the instructional setting in OPS04.

OPX - Placement Criteria

To provide receiving educational institution or agency with information concerning the placement criteria or status of the student in a program

TRANSACTION SETS USED IN

130 133

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	1135	Placement Criteria Code	1	O	ID	1/1
03	641	Status Reason Code	1	O	ID	3/3
04	1155	Educational Test or Requirement Code	1	O	ID	1/3
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

01 OPX01 indicates whether this information refers to the student's entry or exit from a program or service. A "Y" indicates entry information; an "N" indicates exit information.

05 OPX05 indicates whether beginning postsecondary freshmen are accepted at the institution. A "Y" indicates that beginning postsecondary freshmen are accepted at the institution; an "N" indicates that beginning postsecondary freshmen are not accepted at the institution.

OQS - Order Quantity Sequence

To specify number assigned to a unit within a multiple unit order

TRANSACTION SETS USED IN

866

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1041	Sequence Value	1	M	R	1/9
02	380	Quantity	1	M/Z	R	1/15

Semantic Notes

02 OQS02 is quantity ordered.

ORI - Object Reference Identification

To identify the object identification reference

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

102

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1690	Associated Object Reference Identification	1	M	AN	1/36

OTI - Original Transaction Identification

To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result

TRANSACTION SETS USED IN
824

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	110	Application Acknowledgment Code	1	M	ID	1/2
02	128	Reference Identification Qualifier	1	M	ID	2/3
03	127	Reference Identification	1	M/Z	AN	1/80
04	142	Application Sender's Code	1	O	AN	2/15
05	124	Application Receiver's Code	1	O	AN	2/15
06	373	Date	1	O/Z	DT	8/8
07	337	Time	1	O/Z	TM	4/8
08	28	Group Control Number	1	X	N0	1/9
09	329	Transaction Set Control Number	1	O	AN	4/9
10	143	Transaction Set Identifier Code	1	O	ID	3/3
11	480	Version / Release / Industry Identifier Code	1	O/Z	AN	1/12
12	353	Transaction Set Purpose Code	1	O/Z	ID	2/2
13	640	Transaction Type Code	1	O/Z	ID	2/2
14	346	Application Type Code	1	O/Z	ID	2/2
15	306	Action Code	1	O/Z	ID	1/2
16	305	Transaction Handling Code	1	O/Z	ID	1/2
17	641	Status Reason Code	1	O/Z	ID	3/3

Syntax Notes

09 C0908

Semantic Notes

03 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.

06 OTI06 is the group date.

07 OTI07 is the group time.

11 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.

12 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification.

13 OTI13 is the type of the original transaction set, and is used to assist in its unique identification.

14 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.

15 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.

16 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.

17 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.

Comments

02 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.

04 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.

09 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

P1 - Pickup

To specify the pickup details including time, date, and equipment

TRANSACTION SETS USED IN

104 110 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	108	Pickup or Delivery Code	1	O	ID	1/2
02	109	Pickup Date	1	M	DT	8/8
03	374	Date/Time Qualifier	1	M/Z	ID	3/3
04	111	Pickup Time	1	O	TM	4/4
05	206	Equipment Initial	1	O	AN	1/4
06	207	Equipment Number	1	O	AN	1/15
07	21	Number of Shipments	1	O/Z	N0	1/5

Semantic Notes

03 P103 is the pickup date qualifier.

07 P107 is the number of shipments tendered.

P2 - Delivery Date Information

To specify delivery date

TRANSACTION SETS USED IN

859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	108	Pickup or Delivery Code	1	O	ID	1/2
02	32	Delivery Date	1	M	DT	8/8
03	374	Date/Time Qualifier	1	M	ID	3/3

P4 - Port Information

To transmit identifying information for a port

TRANSACTION SETS USED IN
309 350 352 353 354 355 356 357 358

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	310	Location Identifier	1	M/Z	AN	1/30
02	373	Date	1	M/Z	DT	8/8
03	380	Quantity	1	O/Z	R	1/15
04	310	Location Identifier	1	O/Z	AN	1/30
05	337	Time	1	O/Z	TM	4/8
06	373	Date	1	O/Z	DT	8/8
07	337	Time	1	O/Z	TM	4/8

Semantic Notes

01 P401 is used for customs district and port code (census schedule D).
02 P402 is the estimated date of arrival.
03 P403 is used for number of bills of lading.
04 P404 is the Facilities Information and Resources Management System (FIRMS) Code.
05 P405 is the estimated time of arrival for P402.
06 P406 is the date conveyance departed prior port.
07 P407 is the time conveyance departed prior port.

P5 - Port Function

To indicate port-related data

TRANSACTION SETS USED IN

601

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	115	Port or Terminal Function Code	1	M	ID	1/1
02	309	Location Qualifier	1	M	ID	1/2
03	310	Location Identifier	1	M	AN	1/30

PAD - Product Adjustment Detail

To specify the product transfer type, and/or line item number

TRANSACTION SETS USED IN

844 845 849

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	X/Z	AN	1/20
02	521	Product Transfer Type Code	1	X	ID	2/2
03	670	Change or Response Type Code	1	O	ID	2/2
04	648	Price Multiplier Qualifier	1	X	ID	3/3
05	649	Multiplier	1	X	R	1/10

Syntax Notes

01	R0102
04	P0405

Semantic Notes

01	PAD01 is the line item identification.

PAI - Print Advertisement Information

Provides specific information about the date, size, and cost of an advertisement

TRANSACTION SETS USED IN

290

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	O/Z	DT	8/8
02	739	Measurement Value	1	X/Z	R	1/20
03	355	Unit or Basis for Measurement Code	1	X/Z	ID	2/2
04	610	Amount	1	O/Z	N2	1/15
05	610	Amount	1	O/Z	N2	1/15

Syntax Notes

02	P0203

Semantic Notes

01	PAI01 is the date of the ad.
02	PAI02 is the ad size.
03	PAI03 qualifies the ad size (PAI02): inches, lines, etc.
04	PAI04 is the budget amount.
05	PAI05 is the actual cost.

PAL - Pallet Type and Load Characteristics

To identify the type and physical attributes of the pallet, and, gross weight, gross volume, and height of the load and the pallet

TRANSACTION SETS USED IN

304 754 832 850 852 856 857 860 888 897 940 944 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	883	Pallet Type Code	1	O	ID	1/2
02	884	Pallet Tiers	1	O	N0	1/3
03	885	Pallet Blocks	1	O	N0	1/3
04	356	Pack	1	O/Z	N0	1/6
05	395	Unit Weight	1	X/Z	R	1/8
06	355	Unit or Basis for Measurement Code	1	X	ID	2/2
07	82	Length	1	X/Z	R	1/8
08	189	Width	1	X	R	1/8
09	65	Height	1	X/Z	R	1/8
10	355	Unit or Basis for Measurement Code	1	X	ID	2/2
11	384	Gross Weight per Pack	1	X/Z	R	1/9
12	355	Unit or Basis for Measurement Code	1	X	ID	2/2
13	385	Gross Volume per Pack	1	X	R	1/9
14	355	Unit or Basis for Measurement Code	1	X	ID	2/2
15	399	Pallet Exchange Code	1	O	ID	1/1
16	810	Inner Pack	1	O	N0	1/6
17	1699	Pallet Structure Code	1	O	ID	1/1
18	380	Quantity	1	O/Z	R	1/15
19	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
20	352	Description	1	O	AN	1/80

Syntax Notes

05	P0506
07	C0710
08	C0810
09	C0910
10	L10070809
11	P1112
13	P1314

Semantic Notes

04	PAL04 (Pack) is the number of pieces on the pallet.
05	PAL05 (Unit Weight) is the weight of the pallet alone, before loading.
07	PAL07 and PAL08 (Length and Width) are the dimensions of the pallet before loading.
09	PAL09 (Height) is the height of the pallet and load.

11 PAL11 and PAL13 (Gross Weight and Gross Volume) are measured after loading and includes the pallet.

18 PAL18 is the maximum quantity of stackable pallets.

19 PAL19 indicates if the block count on at least one pallet tier is not the same as on other tiers. A "Y" indicates the pallet has unequal block counts on one or more tiers. An "N" indicates that the pallet's blocks per tier are uniform (block x tier equals quantity on pallet).

PAM - Period Amount

To indicate a quantity, and/or amount for an identified period

TRANSACTION SETS USED IN

113 152 153 154 175 176 194 202 268 521 540 806 810 832 838 839 840 843 850 851 855 860 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	673	Quantity Qualifier	1	X	ID	2/2
02	380	Quantity	1	X	R	1/15
03	C001	Composite Unit of Measure	1	X		
04	522	Amount Qualifier Code	1	X	ID	1/3
05	782	Monetary Amount	1	X	R	1/18
06	344	Unit of Time Period or Interval Code	1	X	ID	2/2
07	374	Date/Time Qualifier	1	X	ID	3/3
08	373	Date	1	X	DT	8/8
09	337	Time	1	X	TM	4/8
10	374	Date/Time Qualifier	1	X/Z	ID	3/3
11	373	Date	1	X	DT	8/8
12	337	Time	1	X	TM	4/8
13	1004	Percent Qualifier	1	X	ID	1/2
14	954	Percentage as Decimal	1	X	R	1/10
15	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

01	P010203
02	R020514
04	P0405
07	L070809
07	C0706
08	C0807
09	C0907
10	L101112
10	C1007
11	C1110
12	C1210
13	P1314
15	C1505

Semantic Notes

10	PAM10, PAM11, or PAM12 are used when two dates are required.
15	PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.

PAS - Property Appraisal Summary

To provide high-level information about the property valuation

TRANSACTION SETS USED IN

872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1077	Property Value Estimate Type Code	1	M/Z	ID	1/1
02	522	Amount Qualifier Code	1	M/Z	ID	1/3
03	782	Monetary Amount	1	M/Z	R	1/18
04	782	Monetary Amount	1	X/Z	R	1/18
05	782	Monetary Amount	1	X/Z	R	1/18
06	1090	Improvement Status Code	1	O/Z	ID	1/1
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	1321	Condition Indicator Code	1	O/Z	ID	2/3
09	373	Date	1	O/Z	DT	8/8
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

04 P0405

Semantic Notes

01 PAS01 defines the type of property valuation used.

02 PAS02 qualifies the type of appraisal amount given in PAS03.

03 PAS03 is the estimate of the property value.

04 PAS04 is the estimated cost of property improvements.

05 PAS05 is the estimated property value after improvements.

06 PAS06 defines the status of property improvements.

07 PAS07 defines whether the borrower is aware of the FHA valuation statement. A "Y" indicates awareness; an "N" indicates no awareness.

08 PAS08 describes the condition under which the appraised value was determined.

09 PAS09 is the Appraisal Completion Date.

10 PAS10 defines if comparable values are available. A "Y" indicates that comparables are available, an "N" indicates that comparables are not available.

PAT - Patient Information

To supply patient information

TRANSACTION SETS USED IN
276 277 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1069	Individual Relationship Code	1	O	ID	2/2
02	1384	Patient Location Code	1	O	ID	1/1
03	584	Employment Status Code	1	O	ID	2/2
04	1220	Student Status Code	1	O	ID	1/1
05	1250	Date Time Period Format Qualifier	1	X	ID	2/3
06	1251	Date Time Period	1	X/Z	AN	1/35
07	355	Unit or Basis for Measurement Code	1	X	ID	2/2
08	81	Weight	1	X/Z	R	1/10
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

05 P0506
07 P0708

Semantic Notes

06 PAT06 is the date of death.
08 PAT08 is the patient's weight.
09 PAT09 indicates whether the patient is pregnant or not pregnant. Code "Y" indicates the patient is pregnant; code "N" indicates the patient is not pregnant.

PBI - Problem Identification

To identify an error or previously transmitted error

TRANSACTION SETS USED IN
151

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	X/Z	AN	1/80
02	306	Action Code	1	X	ID	1/2
03	933	Free-form Message Text	1	O	AN	1/264
04	817	Tax Information Identification Number	1	O	AN	1/30
05	380	Quantity	1	X/Z	R	1/15
06	449	Fixed Format Information	1	X/Z	AN	1/80
07	380	Quantity	1	X/Z	R	1/15
08	449	Fixed Format Information	1	X/Z	AN	1/80

Syntax Notes

01	R0102
05	E0506
07	E0708

Semantic Notes

01	PBI01 is the error identification number corresponding to a given error.
05	PBI05 is a copy of a bad data element identified by PBI04.
06	PBI06 is a copy of a bad data element identified by PBI04.
07	PBI07 is a copy of the new content for a data element identified by PBI04.
08	PBI08 is a copy of the new content for a data element identified by PBI04.

PCL - Previous College

To provide the receiving educational institution or agency with information concerning the student's previous postsecondary education experience

TRANSACTION SETS USED IN
130 138 189

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	66	Identification Code Qualifier	1	X/Z	ID	1/2
02	67	Identification Code	1	X	AN	2/80
03	1250	Date Time Period Format Qualifier	1	X	ID	2/3
04	1251	Date Time Period	1	X/Z	AN	1/35
05	1126	Academic Degree Code	1	X	ID	3/3
06	1251	Date Time Period	1	O/Z	AN	1/35
07	352	Description	1	X	AN	1/80

Syntax Notes

01	P0102
01	R0107
03	P0304
06	C0605

Semantic Notes

01	PCL01 and PCL02 are the institution or school that the student previously attended.
04	PCL04 indicates the range of dates of attendance at the school previously attended.
06	PCL06 is the year a degree was awarded at the school previously attended.
06	PCL06 is in the format CCYY.

PCR - Payment Cancellation Request

To identify cancellation type and amount

TRANSACTION SETS USED IN

829

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	959	Payment Cancellation Type Code	1	M	ID	3/3
02	782	Monetary Amount	1	M	R	1/18

PCS - Product Claim Status

To convey the status of a product service claim or claims or to supply adjustment reason codes and amounts as needed for an entire claim or for a particular item within the claim

TRANSACTION SETS USED IN

141

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1029	Claim Status Code	1	X/Z	ID	1/2
02	559	Agency Qualifier Code	1	X/Z	ID	2/2
03	822	Source Subqualifier	1	O/Z	AN	1/15
04	1172	Claim Response Reason Code	1	X/Z	ID	1/3
05	782	Monetary Amount	1	O/Z	R	1/18
06	889	Follow-up Action Code	1	O/Z	ID	1/1
07	559	Agency Qualifier Code	1	X	ID	2/2
08	822	Source Subqualifier	1	O/Z	AN	1/15
09	1225	Disposition Code	1	X/Z	AN	3/3
10	352	Description	1	O/Z	AN	1/80
11	553	Authorization Identification	1	O/Z	AN	1/4

Syntax Notes

01	R0104
02	C0204
03	C0302
07	C0709
08	C0807

Semantic Notes

01	PCS01 will be used principally when the entire claim has been approved and no more detail is required or when there is a question about the claim that has to be decided and the claim response is to inform the claimant that the claim is pending and has not been forgotten.
02	PCS02 identifies the source of the code.
03	PCS03 specifies a particular table of codes maintained by the agency identified in PCS02.
04	PCS04 identifies the status of the claim or an individual portion of the claim and the reason for any change in the claimed amount.
05	PCS05 is the value to be paid after the application of any claim adjustment.
06	PCS06 provides instructions to the claim submitter as to the next action to be taken when the claim was not approved as submitted.
08	PCS08 is the source of the code in PCS09. It is a particular table of codes maintained by the organization specified in PCS07 for specifying PCS09.
09	PCS09 is the disposition of the part of subassembly.
10	PCS10 describes why a claim amount was changed when such information cannot be conveyed with a code value.
11	PCS11 can apply to an authorization before a repair action took place.

PCT - Percent Amounts

To qualify percent amounts and supply percent amounts

TRANSACTION SETS USED IN

103 105 112 113 124 132 133 148 149 153 155 159 176 179 185 187 194 196 199 201 202 205 251 259 260 261 262 263 266 267 271 272 285 362 501 503 561 650 806 811 812 820 839 840 843 846 850 860 865 872 887

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1004	Percent Qualifier	1	M	ID	1/2
02	954	Percentage as Decimal	1	M	R	1/10

PCU - Parameter for Clinical Use

To supply various information used in clinical data exchange.

TRANSACTION SETS USED IN

275 278 500 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1883	Clinical Care Parameter Qualifier	1	X/Z	ID	1/80
02	1884	Clinical Care Parameter Code	1	X/Z	ID	1/80

Syntax Notes

01 P0102

Semantic Notes

01 PCU01 is a qualifier identifying the type or category of the clinical parameter transmitted in PCU02.

02 PCU02 identifies a clinical parameter, also described as a biological label based on genetic factors.

PD - Pricing Data

To describe the pricing basic input detail

TRANSACTION SETS USED IN
194 196 251 805 843 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	344	Unit of Time Period or Interval Code	1	M/Z	ID	2/2
02	373	Date	1	M/Z	DT	8/8
03	C001	Composite Unit of Measure	1	M		
04	380	Quantity	1	M/Z	R	1/15
05	93	Name	1	M/Z	AN	1/60
06	352	Description	1	O/Z	AN	1/80
07	1196	Breakdown Structure Detail Code	1	O	ID	2/2
08	127	Reference Identification	1	O/Z	AN	1/80
09	352	Description	1	O/Z	AN	1/80
10	1401	Proposal Data Detail Identifier Code	1	O	ID	1/3

Semantic Notes

01 PD01 is the unit of the time period contained in PD02.
02 PD02 is the date of the start of the time period in PD01.
04 PD04 is the quantity of the unit of measurement in PD03.
05 PD05 is the name of the cost element being proposed.
06 PD06 is the description of the name of the cost element being proposed.
08 PD08 is a reference to a specific paragraph number contained in an external document.
09 PD09 is the category of the data being proposed.

PDD - Pricing Data Detail

To provide the rates, direct input, and pricing factors for each element of work, cross-referenced to an applicable request or submission

TRANSACTION SETS USED IN
194 196 251 805 843 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	M/Z	AN	1/20
02	380	Quantity	1	X	R	1/15
03	782	Monetary Amount	1	X	R	1/18
04	954	Percentage as Decimal	1	X	R	1/10
05	1401	Proposal Data Detail Identifier Code	1	O	ID	1/3

Syntax Notes

02 R020304

Semantic Notes

01 PDD01 is a sequential number assigned by the initiator.

PDE - Property Metes and Bounds Description

To describe real estate property by boundary lines with their terminal points and angles; this segment defines legal boundaries of real estate property

TRANSACTION SETS USED IN

197 199 201 206 245 261 262 265

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	933	Free-form Message Text	1	O/Z	AN	1/264
02	1280	Direction Identifier Code	1	O/Z	ID	1/1
03	C001	Composite Unit of Measure	1	X/Z		
04	739	Measurement Value	1	X/Z	R	1/20

Syntax Notes

03	P0304

Semantic Notes

01	PDE01 describes a boundary point on a property legal description.
02	PDE02 describes the geographic direction of the first measurement.
03	PDE03 defines type of property measurement, whether a distance or angle.
04	PDE04 defines property angle measurement or distance of property side depending on the value of PDE03.

PDH - Pharmaceutical Drug Information

Specifies information for pharmaceutical drug administration.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1805	Route of Administration for Pharmaceutical Drugs	1	X/Z	ID	2/3
02	C068	Composite Ingredient Information	1	X		
03	1806	Dosage Form for Pharmaceutical Drugs	1	X/Z	ID	4/4
04	C068	Composite Ingredient Information	1	X		
05	1807	Biomedical Hazard	1	X/Z	ID	1/2
06	C068	Composite Ingredient Information	1	X		
07	1808	Trade Item Drug Branding Type	1	O	ID	2/2
08	1585	Shape Code	1	X/Z	ID	1/2
09	C068	Composite Ingredient Information	1	X		

Syntax Notes

01	E0102
03	E0304
05	E0506
08	E0809

Semantic Notes

01	If a route of administration is not present in PDH01 code list then provide the route of administration in PDH02.
03	If a dosage form is not present in PDH03 code list then provide the dosage form in PDH04.
05	If a biomedical hazard is not present in PDH05 code list then provide the biomedical hazard in PDH06.
08	If a shape code is not present in PDH08 code list then provide shape in PDH09.

PDI - Practice Detail Information

To provide detail information on a health care provider's practice

TRANSACTION SETS USED IN

274

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1068	Gender Code	1	O/Z	ID	1/1
02	740	Range Minimum	1	O/Z	R	1/20
03	741	Range Maximum	1	O/Z	R	1/20
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

01 When PDI01 is not present, it is implied that both genders are accepted by the practice.

02 PDI02 indicates the minimum age accepted in this practice.

03 PDI03 indicates the maximum age accepted in this practice.

04 PDI04 indicates whether or not this practice accepts new patients. A "Y" indicates this practice accepts new patients; an "N" indicates this practice does not accept new patients.

PDL - Payment Details

To transmit information required to establish payment or remittance activity

TRANSACTION SETS USED IN

105 111 113 189 267 268 286

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	591	Payment Method Code	1	M	ID	3/3
02	522	Amount Qualifier Code	1	X	ID	1/3
03	782	Monetary Amount	1	X	R	1/18
04	954	Percentage as Decimal	1	X/Z	R	1/10
05	478	Credit/Debit Flag Code	1	O	ID	1/1
06	594	Frequency Code	1	O	ID	1/1
07	506	(DFI) ID Number Qualifier	1	X/Z	ID	2/2
08	507	(DFI) Identification Number	1	X	AN	3/12
09	569	Account Number Qualifier	1	X/Z	ID	1/3
10	508	Account Number	1	X/Z	AN	1/35
11	1250	Date Time Period Format Qualifier	1	X	ID	2/3
12	1251	Date Time Period	1	X/Z	AN	1/35

Syntax Notes

02	P0203
03	E0304
07	P0708
09	P0910
11	P1112

Semantic Notes

04	PDL04 specifies the percentage allocation of an amount to be determined.
07	PDL07 and PDL08 relate to the depository financial institution (DFI) that will receive the future payment order.
09	PDL09 is a code identifying the type of bank account or other financial asset.
10	PDL10 is the account number of the financial asset.
12	PDL12 is the date or the day of the month of the payment.

PDP - Property Description - Personal

To provide a description of personal property

TRANSACTION SETS USED IN

187 270 271 272

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1188	Type of Personal or Business Asset Code	1	M	ID	2/2
02	23	Commodity Code Qualifier	1	X	ID	1/2
03	22	Commodity Code	1	X	AN	1/30

Syntax Notes

02	P0203

PDR - Property Description - Real

To provide a description of real property

TRANSACTION SETS USED IN

187 270 271 272

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1074	Type of Real Estate Asset Code	1	M	ID	2/2
02	1270	Code List Qualifier Code	1	X	ID	1/3
03	1271	Industry Code	1	X	AN	1/30
04	689	Occupancy Code	1	O	ID	2/2

Syntax Notes

02 P0203

PDS - Property Description/Legal Description

To provide specifics on property or legal description; this segment provides for a simple legal description such as lot, blockand subdivision

TRANSACTION SETS USED IN

103 187 197 199 201 202 205 206 245 261 262 265

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1496	Property Description Qualifier	1	M	ID	2/2
02	933	Free-form Message Text	1	O/Z	AN	1/264
03	C040	Reference Identifier	1	O		

Semantic Notes

02 PDS02 is used to supply property description detail.

PEN - Pension Information

To specify financial activity for a pension plan

TRANSACTION SETS USED IN
820 823

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	640	Transaction Type Code	1	M	ID	2/2
02	782	Monetary Amount	1	X/Z	R	1/18
03	1224	Contribution Code	1	O	ID	2/2
04	954	Percentage as Decimal	1	X/Z	R	1/10
05	1296	Special Processing Type	1	O/Z	AN	1/6
06	127	Reference Identification	1	O/Z	AN	1/80
07	1470	Number	1	O/Z	N0	1/9
08	1262	Loan Type Code	1	O	ID	1/2
09	875	Maintenance Type Code	1	O	ID	3/3

Syntax Notes

02 R0204

Semantic Notes

02 PEN02 is the total dollar amount for the transaction identified by the transaction type code.
04 PEN04 is the percent of salary an employee elected to contribute to a benefit plan.
05 PEN05 is a code, defined by trading partners, indicating special application processing.
06 PEN06 is the loan identification number.
07 PEN07 is the number of loan repayments represented.

PER - Administrative Communications Contact

To identify a person or office to whom administrative communications should be directed

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 110 111 112 113 124 128 130 135 138 140 141 142 143 146 147 148 149
150 152 153 154 155 157 161 170 175 176 179 180 185 186 187 188 189 190 191 194 195 197 198 199
200 201 202 203 204 205 206 215 219 220 228 245 248 252 255 256 259 260 261 262 264 265 266 267
268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310 312
322 355 359 404 410 412 417 418 421 422 423 424 426 434 460 470 475 490 500 501 503 504 521 540
568 603 620 625 650 753 754 806 810 811 812 813 814 816 819 820 821 822 823 824 826 827 828 830
832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 855 856
857 858 859 860 861 862 863 864 865 866 867 869 870 872 873 874 881 885 886 887 890 891 892 897
940 943 944 945 947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	366	Contact Function Code	1	M	ID	2/2
02	93	Name	1	O	AN	1/60
03	365	Communication Number Qualifier	1	X	ID	2/2
04	364	Communication Number	1	X	AN	1/2048
05	365	Communication Number Qualifier	1	X	ID	2/2
06	364	Communication Number	1	X	AN	1/2048
07	365	Communication Number Qualifier	1	X	ID	2/2
08	364	Communication Number	1	X	AN	1/2048
09	443	Contact Inquiry Reference	1	O	AN	1/20

Syntax Notes

03	P0304
05	P0506
07	P0708

PEX - Property or Housing Expense

To provide housing expense information

TRANSACTION SETS USED IN
198 201 202 261 262 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1071	General Expense Qualifier	1	M/Z	ID	2/2
02	122	Rate/Value Qualifier	1	X/Z	ID	2/2
03	782	Monetary Amount	1	X/Z	R	1/18
04	963	Tax Type Code	1	O	ID	2/2
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	98	Entity Identifier Code	1	O	ID	2/3
07	441	Tax Exempt Code	1	O	ID	1/1
08	C001	Composite Unit of Measure	1	O		

Syntax Notes

02 P0203

Semantic Notes

01 PEX01 defines the type of property or housing expense listed.

01 IF PEX01 equals "TAX", then PEX04 is the detailed tax type.

02 PEX02 is the time period of expense frequency.

03 PEX03 is the amount of the expense.

05 PEX05 defines whether the expense is escrowed or impounded. A "Y" indicates the expense is escrowed or impounded; an "N" indicates the expense is not escrowed or impounded.

Comments

07 If PEX01 = "TAX", then PEX07 defines the existing tax exemptions.

08 PEX08 further qualifies PEX03.

PI - Price Authority Identification

To communicate basis of pricing, such as contract number, quote number, or tariff number

TRANSACTION SETS USED IN

404 410 414 417 422 426 433 453 456 460 466 468 486 490 494 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	M	ID	2/3
02	127	Reference Identification	1	M	AN	1/80
03	436	Primary Publication Authority Code	1	O	ID	2/2
04	930	Regulatory Agency Code	1	O	ID	3/5
05	168	Tariff Agency Code	1	O	ID	1/4
06	965	Issuing Carrier Identifier	1	O	AN	1/10
07	660	Contract Suffix	1	O/Z	AN	1/2
08	169	Tariff Item Number	1	O/Z	AN	1/16
09	173	Tariff Supplement Identifier	1	O/Z	AN	1/4
10	172	Tariff Section Number	1	O/Z	AN	1/2
11	660	Contract Suffix	1	O/Z	AN	1/2
12	373	Date	1	O/Z	DT	8/8
13	373	Date	1	O/Z	DT	8/8
14	629	Alternation Precedence Code	1	O	ID	1/1
15	629	Alternation Precedence Code	1	O	ID	1/1
16	284	Service Level Code	1	O	ID	2/2

Semantic Notes

07 PI07 is the price authority suffix for the contract.

08 PI08 is the price authority item number.

09 PI09 is the price authority supplement.

10 PI10 is the price authority section number.

11 PI11 is the price authority suffix for tariff.

12 PI12 is the effective date.

13 PI13 is the expiration date.

PID - Product/Item Description

To describe a product or process in coded or free-form format

TRANSACTION SETS USED IN

100 124 140 142 143 148 154 180 185 187 196 197 215 244 251 266 267 268 271 275 283 500 503 561 625 754 806 810 811 818 819 820 830 832 836 838 840 841 842 843 844 845 846 847 848 849 850 851 855 856 857 860 861 863 865 866 867 869 870 878 888 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	349	Item Description Type Code	1	M	ID	1/1
02	750	Product/Process Characteristic Code	1	O	ID	2/3
03	559	Agency Qualifier Code	1	X/Z	ID	2/2
04	751	Product Description Code	1	X/Z	AN	1/12
05	352	Description	1	X	AN	1/80
06	752	Surface/Layer/Position Code	1	O	ID	2/2
07	822	Source Subqualifier	1	O	AN	1/15
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	819	Language Code	1	O/Z	ID	2/3
10	286	Product/Service Condition Code	1	X	ID	2/2

Syntax Notes

04	C0403
04	R040510
07	C0703
08	C0804
09	C0905

Semantic Notes

03	Use PID03 to indicate the organization that publishes the code list being referred to.
04	PID04 should be used for industry-specific product description codes.
08	PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
09	PID09 is used to identify the language being used in PID05.

Comments

01	If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
06	Use PID06 when necessary to refer to the product surface or layer being described in the segment.
07	PID07 specifies the individual code list of the agency specified in PID03.
10	If PID01 = "A", then PID10 is used. PID05 may also be used to further clarify the condition of the product.

PIN - Previous Incident

To identify details of previous insurance losses

TRANSACTION SETS USED IN
272

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M/Z	N0	1/9
02	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
03	127	Reference Identification	1	O/Z	AN	1/80
04	93	Name	1	O/Z	AN	1/60
05	1250	Date Time Period Format Qualifier	1	X	ID	2/3
06	1251	Date Time Period	1	X/Z	AN	1/35
07	1271	Industry Code	1	O/Z	AN	1/30

Syntax Notes

05 P0506

Semantic Notes

01 PIN01 is used to uniquely identify previous incidents.
02 PIN02 is used to indicate if the loss has been reported to the police.
03 PIN03 is the policy number the claim was made under.
04 PIN04 is the name of the insurance company.
06 PIN06 is the date the loss occurred.
07 PIN07 is the cause of loss code.

PKD - Packaging Description

To specify a package description and other information

TRANSACTION SETS USED IN

271 272 754 832 841 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	103	Packaging Code	1	X	AN	3/5
02	822	Source Subqualifier	1	X	AN	1/15
03	559	Agency Qualifier Code	1	O	ID	2/2
04	754	Packaging Description Code	1	O	AN	1/7
05	102	Ownership Code	1	O	ID	1/1

Syntax Notes

02	C0201
03	C0302

PKG - Marking, Packaging, Loading

To describe marking, packaging, loading, and unloading requirements

TRANSACTION SETS USED IN

180 536 754 810 830 832 840 841 843 846 847 848 850 855 856 857 860 862 865 867 870 888 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	349	Item Description Type Code	1	X	ID	1/1
02	753	Packaging Characteristic Code	1	O	ID	1/5
03	559	Agency Qualifier Code	1	X	ID	2/2
04	754	Packaging Description Code	1	X/Z	AN	1/7
05	352	Description	1	X	AN	1/80
06	400	Unit Load Option Code	1	X	ID	2/2
07	819	Language Code	1	O/Z	ID	2/3

Syntax Notes

04	R040506
04	C0403
05	C0501
07	C0705

Semantic Notes

04	PKG04 should be used for industry-specific packaging description codes.
07	PKG07 is used to identify the language being used in PKG05.

Comments

00	Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
01	If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.
03	Use PKG03 to indicate the organization that publishes the code list being referred to.
05	Special marking or tagging data can be given in PKG05 (description).

PKL - Multi-Pack Configuration

To identify the package level, quantity of stock-keeping units (SKUs), and other basic data related to the configuration of the package being defined

TRANSACTION SETS USED IN
832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	235	Product/Service ID Qualifier	1	M	ID	2/2
02	234	Product/Service ID	1	M	AN	1/80
03	355	Unit or Basis for Measurement Code	1	M	ID	2/2
04	380	Quantity	1	M/Z	R	1/15
05	65	Height	1	X	R	1/8
06	189	Width	1	X	R	1/8
07	677	Item Depth	1	X	R	1/6
08	355	Unit or Basis for Measurement Code	1	X	ID	2/2
09	384	Gross Weight per Pack	1	X	R	1/9
10	355	Unit or Basis for Measurement Code	1	X	ID	2/2
11	385	Gross Volume per Pack	1	X	R	1/9
12	355	Unit or Basis for Measurement Code	1	X	ID	2/2
13	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

05	C0508
06	C0608
07	C0708
08	L08050607
09	P0910
11	P1112

Semantic Notes

04	PKL04 is the Stock Keeping Unit (SKU) quantity.
13	PKL13 is used to designate whether the product identified in PKL02 is saleable by the manufacturer at that packaging level. Code "Y" indicates that the product is saleable by the manufacturer at that packaging level, and code "N" indicates that the product in not saleable by the manufacturer at that packaging level.

PL - Proposal Cost Logic

To describe the cost logic used when pricing a particular aspect of a proposal

TRANSACTION SETS USED IN

194 251 805

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M/Z	N0	1/9
02	C001	Composite Unit of Measure	1	M		
03	93	Name	1	M/Z	AN	1/60
04	1311	Calculation Operation Code	1	M	ID	1/1
05	352	Description	1	O/Z	AN	1/80
06	609	Count	1	O/Z	N0	1/9

Semantic Notes

01 PL01 is the logic sequence number.

03 PL03 is the name of the cost element being proposed.

05 PL05 is a text description of the cost element contained in PL03.

06 PL06 is an occurrence counter that indicates the order of items to appear in a cost summary data display.

PLA - Place or Location

To indicate action to be taken for the location specified and to qualify the location specified

TRANSACTION SETS USED IN
834 838

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	306	Action Code	1	M	ID	1/2
02	98	Entity Identifier Code	1	M	ID	2/3
03	373	Date	1	M/Z	DT	8/8
04	337	Time	1	O/Z	TM	4/8
05	1203	Maintenance Reason Code	1	O	ID	2/3

Semantic Notes

03 PLA03 is the effective date for the action identified in PLA01.

04 When used, PLA04 is the effective time for the action identified in PLA01.

PLB - Provider Level Adjustment

To convey provider level adjustment information for debit or credit transactions such as, accelerated payments, cost report settlements for a fiscal year and timeliness report penalties unrelated to a specific claim or service

TRANSACTION SETS USED IN
835

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	373	Date	1	M/Z	DT	8/8
03	C042	Adjustment Identifier	1	M/Z		
04	782	Monetary Amount	1	M/Z	R	1/18
05	C042	Adjustment Identifier	1	X/Z		
06	782	Monetary Amount	1	X/Z	R	1/18
07	C042	Adjustment Identifier	1	X/Z		
08	782	Monetary Amount	1	X/Z	R	1/18
09	C042	Adjustment Identifier	1	X/Z		
10	782	Monetary Amount	1	X/Z	R	1/18
11	C042	Adjustment Identifier	1	X/Z		
12	782	Monetary Amount	1	X/Z	R	1/18
13	C042	Adjustment Identifier	1	X/Z		
14	782	Monetary Amount	1	X/Z	R	1/18

Syntax Notes

05	P0506
07	P0708
09	P0910
11	P1112
13	P1314

Semantic Notes

01	PLB01 is the provider number assigned by the payer.
02	PLB02 is the last day of the provider's fiscal year.
03	PLB03 is the adjustment information as defined by the payer.
04	PLB04 is the adjustment amount.
05	PLB05 is the adjustment information as defined by the payer.
06	PLB06 is the adjustment amount.
07	PLB07 is adjustment information as defined by the payer.
08	PLB08 is the adjustment amount.
09	PLB09 is adjustment information as defined by the payer.
10	PLB10 is the adjustment amount.
11	PLB11 is adjustment information as defined by the payer.
12	PLB12 is the adjustment amount.
13	PLB13 is adjustment information as defined by the payer.

14 PLB14 is the adjustment amount.

PLC - Equipment Placement Information

To specify the placement number and identification

TRANSACTION SETS USED IN

222

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1470	Number	1	M/Z	N0	1/9
02	127	Reference Identification	1	O/Z	AN	1/80

Semantic Notes

01 PLC01 is the placement sequence number.

02 PLC02 is the placement identification.

PLD - Pallet Shipment Information

To specify pallet information including quantity, exchange, and weight

TRANSACTION SETS USED IN

204 222

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	406	Quantity of Pallets Shipped	1	M	N0	1/3
02	399	Pallet Exchange Code	1	O	ID	1/1
03	188	Weight Unit Code	1	X	ID	1/1
04	81	Weight	1	X	R	1/10

Syntax Notes

03 P0304

PLI - Previous Loan Information

To provide information about an existing loan

TRANSACTION SETS USED IN
135

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1262	Loan Type Code	1	M	ID	1/2
02	782	Monetary Amount	1	M/Z	R	1/18
03	953	Interest Rate	1	M	R	1/6
04	1131	Level of Individual, Test, or Course Code	1	O	ID	2/2
05	1250	Date Time Period Format Qualifier	1	X	ID	2/3
06	1251	Date Time Period	1	X/Z	AN	1/35
07	782	Monetary Amount	1	O/Z	R	1/18
08	380	Quantity	1	O/Z	R	1/15
09	1086	Loan Rate Type Code	1	O	ID	1/1

Syntax Notes

05 P0506

Semantic Notes

02 PLI02 is the previous loan amount.
06 PLI06 is the previous loan period date range.
07 PLI07 is the previous loan amount owed.
08 PLI08 is the loan term in months.

PM - Electronic Funds Transfer Information

To supply information on the electronic funds transfer (EFT) method of payment

TRANSACTION SETS USED IN

814 834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	507	(DFI) Identification Number	1	M/Z	AN	3/12
02	508	Account Number	1	M/Z	AN	1/35
03	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
04	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
05	569	Account Number Qualifier	1	O/Z	ID	1/3
06	506	(DFI) ID Number Qualifier	1	O/Z	ID	2/2
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

01 PM01 is the transit routing number of the receiving financial institution.

02 PM02 is the electronic fund transfer recipient's account number.

03 PM03 is the authorization for electronic funds transfer indicator. A "Y" value indicates authorization has been granted to allow electronic funds transfer; an "N" value indicates no authorization has been granted for electronic funds transfer.

04 PM04 is the authorization signature for electronic funds transfer on file indicator. A "Y" value indicates that a signature has been obtained and is on file; an "N" value indicates a signature has not been obtained.

05 PM05 qualifies the account number indicated in PM02.

06 PM06 qualifies the Depository Financial Institution (DFI) Identification Number indicated in PM01.

07 PM07 is the authorization for balance and transaction reporting indicator. A "Y" value indicates authorization has been granted to allow balance and transaction reporting. An "N" value indicates no authorization has been granted to allow balance and transaction reporting.

08 PM08 is the debit authorization indicator. A "Y" value indicates authorization has been granted to allow the sender of the transaction to debit the related account. An "N" value indicates no authorization has been granted to allow the sender of the transaction to debit the related account.

PMP - Performance Measures

To identify various performance measures.

TRANSACTION SETS USED IN

892

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1772	Frequency Pattern Code	1	M	ID	2/2
02	1776	Out of StockDetermination Method Code	1	O/Z	ID	2/2
03	738	Measurement Qualifier	1	O/Z	ID	1/3
04	594	Frequency Code	1	O/Z	ID	1/1

Semantic Notes

02 PMP02 is the Out of Stockmeasurement type, specifying the technique used to measure the out of stockpercentage being reported.

03 PMP03 is the Synchronization Calculation type, indicating whether the item synchronization percentage calculation is based on total items or incremental items.

04 PMP04 is the Periodicity parameter, specifying the time unit of measure.

PO1 - Baseline Item Data

To specify basic and most frequently used line item data

TRANSACTION SETS USED IN

100 194 195 251 255 268 511 561 754 832 836 840 843 850 855 870

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O	AN	1/20
02	380	Quantity	1	X/Z	R	1/15
03	355	Unit or Basis for Measurement Code	1	O	ID	2/2
04	212	Unit Price	1	X	R	1/17
05	639	Basis of Unit Price Code	1	O	ID	2/2
06	235	Product/Service ID Qualifier	1	X	ID	2/2
07	234	Product/Service ID	1	X	AN	1/80
08	235	Product/Service ID Qualifier	1	X	ID	2/2
09	234	Product/Service ID	1	X	AN	1/80
10	235	Product/Service ID Qualifier	1	X	ID	2/2
11	234	Product/Service ID	1	X	AN	1/80
12	235	Product/Service ID Qualifier	1	X	ID	2/2
13	234	Product/Service ID	1	X	AN	1/80
14	235	Product/Service ID Qualifier	1	X	ID	2/2
15	234	Product/Service ID	1	X	AN	1/80
16	235	Product/Service ID Qualifier	1	X	ID	2/2
17	234	Product/Service ID	1	X	AN	1/80
18	235	Product/Service ID Qualifier	1	X	ID	2/2
19	234	Product/Service ID	1	X	AN	1/80
20	235	Product/Service ID Qualifier	1	X	ID	2/2
21	234	Product/Service ID	1	X	AN	1/80
22	235	Product/Service ID Qualifier	1	X	ID	2/2
23	234	Product/Service ID	1	X	AN	1/80
24	235	Product/Service ID Qualifier	1	X	ID	2/2
25	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

03	C0302
05	C0504
06	P0607
08	P0809
10	P1011
12	P1213
14	P1415
16	P1617
18	P1819

20 P2021
22 P2223
24 P2425

Semantic Notes

02 PO102 is quantity ordered.

Comments

00 See the Data Element Dictionary for a complete list of IDs.
01 PO101 is the line item identification.
06 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.

PO3 - Additional Item Detail

To specify additional item-related data involving variations in normal price/quantity structure

TRANSACTION SETS USED IN

154 830 836 840 843 850 851 855 860 865 867 870

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	371	Change Reason Code	1	M	ID	2/2
02	373	Date	1	O	DT	8/8
03	236	Price Identifier Code	1	X	ID	3/3
04	212	Unit Price	1	O	R	1/17
05	639	Basis of Unit Price Code	1	X	ID	2/2
06	380	Quantity	1	M	R	1/15
07	355	Unit or Basis for Measurement Code	1	M	ID	2/2
08	352	Description	1	O	AN	1/80

Syntax Notes

04	L040305

Comments

00	Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).
07	PO307 defines the unit of measure for PO306.

PO4 - Item Physical Details

To specify the physical qualities, packaging, weights, and dimensions relating to the item

TRANSACTION SETS USED IN

219 220 284 304 527 810 812 830 832 840 843 850 852 855 856 857 860 861 862 863 865 867

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	356	Pack	1	O	N0	1/6
02	357	Size	1	X	R	1/8
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	103	Packaging Code	1	X	AN	3/5
05	187	Weight Qualifier	1	O	ID	1/2
06	384	Gross Weight per Pack	1	X	R	1/9
07	355	Unit or Basis for Measurement Code	1	X	ID	2/2
08	385	Gross Volume per Pack	1	X	R	1/9
09	355	Unit or Basis for Measurement Code	1	X	ID	2/2
10	82	Length	1	X	R	1/8
11	189	Width	1	X	R	1/8
12	65	Height	1	X	R	1/8
13	355	Unit or Basis for Measurement Code	1	X	ID	2/2
14	810	Inner Pack	1	O	N0	1/6
15	752	Surface/Layer/Position Code	1	O/Z	ID	2/2
16	350	Assigned Identification	1	X/Z	AN	1/20
17	350	Assigned Identification	1	O/Z	AN	1/20
18	1470	Number	1	O/Z	N0	1/9
19	C080	Composite Multiple Language Textural Data Information 4096 Characters	1	O/Z		

Syntax Notes

02	P0203
05	C0506
06	P0607
08	P0809
10	C1013
11	C1113
12	C1213
13	L13101112
17	C1716
18	C1804

Semantic Notes

15 PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.

16 PO416 is the package identifier or the beginning package identifier in a range of identifiers.

17 PO417 is the ending package identifier in a range of identifiers.

18 PO418 is the number of packages in this layer.

19 Is the Net Content Statement, i.e., the statement corresponding to the net content descriptions as displayed on the product packaging.

Comments

03 PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".

13 PO413 defines the unit of measure for PO410, PO411, and PO412.

PO5 - Expanded Item Physical Details

To specify additional item physical qualities, packaging, weights, and dimensions relating to the item.

TRANSACTION SETS USED IN
897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	356	Pack	1	O	N0	1/6
02	357	Size	1	X	R	1/8
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	183	Volume	1	X	R	1/8
05	184	Volume Unit Qualifier	1	X	ID	1/1
06	82	Length	1	X/Z	R	1/8
07	355	Unit or Basis for Measurement Code	1	X	ID	2/2
08	189	Width	1	X	R	1/8
09	355	Unit or Basis for Measurement Code	1	X	ID	2/2
10	65	Height	1	X	R	1/8
11	355	Unit or Basis for Measurement Code	1	X	ID	2/2
12	677	Item Depth	1	X	R	1/6
13	355	Unit or Basis for Measurement Code	1	X	ID	2/2
14	810	Inner Pack	1	O	N0	1/6
15	752	Surface/Layer/Position Code	1	O/Z	ID	2/2
16	350	Assigned Identification	1	X/Z	AN	1/20
17	350	Assigned Identification	1	O/Z	AN	1/20
18	1470	Number	1	O/Z	N0	1/9
19	C067	Composite Product Weight Basis	1	O/Z		
20	167	Tare Weight	1	X	N0	3/8
21	355	Unit or Basis for Measurement Code	1	X	ID	2/2
22	380	Quantity	1	X/Z	R	1/15
23	855	Peg Code	1	X	ID	1/1
24	355	Unit or Basis for Measurement Code	1	X	ID	2/2
25	127	Reference Identification	1	X	AN	1/80
26	863	X-Peg	1	X	R	1/6
27	864	Y-Peg	1	X	R	1/6
28	127	Reference Identification	1	X	AN	1/80
29	863	X-Peg	1	X	R	1/6
30	864	Y-Peg	1	X	R	1/6
31	127	Reference Identification	1	X	AN	1/80
32	863	X-Peg	1	X	R	1/6
33	864	Y-Peg	1	X	R	1/6
34	1811	Unmarked Number of Inner Packs	1	O	N	1/6
35	1809	Unmarked Number of Inner Pack Layers	1	X	N	1/2
36	1810	Unmarked Number of Inner Packs Per Layer	1	X	N	1/2

Syntax Notes

02 P0203
04 P0405
06 P0607
06 E0612
08 P0809
10 P1011
12 P1213
17 C1716
20 P2021
22 P2223
23 P2327
25 C2524
25 P252627
28 C2824
28 P282930
31 C3124
31 P313233
35 P3536

Semantic Notes

06 PO506 is the length of the product. When length is identified PO512 Item Depth is typically not used.

15 PO515 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.

16 PO516 is the package identifier or the beginning package identifier in a range of identifiers.

17 PO517 is the ending package identifier in a range of identifiers.

18 PO518 is the number of packages in this layer.

19 PO519 accommodates Gross Weight and Net Weight in imperial and metric measurements.

22 PO522 is the number of peg holes (maximum 3) in the product packaging. The peg holes are 1, 2, 3.

Comments

01 An example: Carton contains 24 12-Ounce packages: DE356 = "24"; DE 357 = "12"; DE 355 = "OZ".

24 Unit or Basis for Measurement code pertains to PO525 through PO533

25 PO525, PO528, PO531 contain the peg hole number. The unique peg hole numbers are 1, 2, or 3, counting from the upper left corner of the front of the package to the bottom right corner of the front (left to right, top to bottom, as you read).

PO6 - Non-Packaged Item Physical Details

Provides dimensions for the non-containered product.

TRANSACTION SETS USED IN

897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C067	Composite Product Weight Basis	1	O		
02	82	Length	1	X/Z	R	1/8
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	189	Width	1	X	R	1/8
05	355	Unit or Basis for Measurement Code	1	X	ID	2/2
06	65	Height	1	X	R	1/8
07	355	Unit or Basis for Measurement Code	1	X	ID	2/2
08	677	Item Depth	1	X	R	1/6
09	355	Unit or Basis for Measurement Code	1	X	ID	2/2

Syntax Notes

02	P0203
02	E0208
04	P0405
06	P0607
08	P0809

Semantic Notes

02	PO602 is the length of the product. When PO602 is used, PO608 Item Depth is typically not used.

Comments

02	Within an implementation either item length or item depth is provided.

PO7 - Gift Container Physical Details

Provides dimensions of a gift container.

TRANSACTION SETS USED IN
897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	103	Packaging Code	1	O	AN	3/5
02	C067	Composite Product Weight Basis	1	O		
03	82	Length	1	X	R	1/8
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	189	Width	1	X	R	1/8
06	355	Unit or Basis for Measurement Code	1	X	ID	2/2
07	65	Height	1	X	R	1/8
08	355	Unit or Basis for Measurement Code	1	X	ID	2/2
09	677	Item Depth	1	X	R	1/6
10	355	Unit or Basis for Measurement Code	1	X	ID	2/2
11	352	Description	1	O/Z	AN	1/80

Syntax Notes

03	E0309
03	P0304
05	P0506
07	P0708
09	P0910

Semantic Notes

11	PO711 provides a description of the gift container

PO8 - Unmarked Trade Item Physical Details

To specify the physical qualities, packaging, weights, and dimensions relating to the unmarked trade item.

TRANSACTION SETS USED IN
897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	M	AN	1/20
02	356	Pack	1	O	N0	1/6
03	357	Size	1	X	R	1/8
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	103	Packaging Code	1	O	AN	3/5
06	C067	Composite Product Weight Basis	1	O		
07	385	Gross Volume per Pack	1	X	R	1/9
08	355	Unit or Basis for Measurement Code	1	X	ID	2/2
09	82	Length	1	X	R	1/8
10	355	Unit or Basis for Measurement Code	1	X	ID	2/2
11	189	Width	1	X	R	1/8
12	355	Unit or Basis for Measurement Code	1	X	ID	2/2
13	65	Height	1	X	R	1/8
14	355	Unit or Basis for Measurement Code	1	X	ID	2/2
15	677	Item Depth	1	X	R	1/6
16	355	Unit or Basis for Measurement Code	1	X	ID	2/2
17	810	Inner Pack	1	O	N0	1/6

Syntax Notes

03	P0304
07	P0708
09	P0910
09	E0915
11	P1112
13	P1314
15	P1516

POC - Line Item Change

To specify changes to a line item

TRANSACTION SETS USED IN
860 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O/Z	AN	1/20
02	670	Change or Response Type Code	1	M/Z	ID	2/2
03	380	Quantity	1	O/Z	R	1/15
04	C063	Change Quantities	1	O		
05	C001	Composite Unit of Measure	1	X		
06	212	Unit Price	1	X	R	1/17
07	639	Basis of Unit Price Code	1	O	ID	2/2
08	235	Product/Service ID Qualifier	1	X	ID	2/2
09	234	Product/Service ID	1	X	AN	1/80
10	235	Product/Service ID Qualifier	1	X	ID	2/2
11	234	Product/Service ID	1	X	AN	1/80
12	235	Product/Service ID Qualifier	1	X	ID	2/2
13	234	Product/Service ID	1	X	AN	1/80
14	235	Product/Service ID Qualifier	1	X	ID	2/2
15	234	Product/Service ID	1	X	AN	1/80
16	235	Product/Service ID Qualifier	1	X	ID	2/2
17	234	Product/Service ID	1	X	AN	1/80
18	235	Product/Service ID Qualifier	1	X	ID	2/2
19	234	Product/Service ID	1	X	AN	1/80
20	235	Product/Service ID Qualifier	1	X	ID	2/2
21	234	Product/Service ID	1	X	AN	1/80
22	235	Product/Service ID Qualifier	1	X	ID	2/2
23	234	Product/Service ID	1	X	AN	1/80
24	235	Product/Service ID Qualifier	1	X	ID	2/2
25	234	Product/Service ID	1	X	AN	1/80
26	235	Product/Service ID Qualifier	1	X	ID	2/2
27	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

03	C0305
04	C0405
07	C0706
08	P0809
10	P1011
12	P1213
14	P1415

16 P1617
18 P1819
20 P2021
22 P2223
24 P2425
26 P2627

Semantic Notes

01 POC01 is the purchase order line item identification.
02 When C063-02 or C063-03 are used, only POC02 value QC may be used.
03 POC03 is Current Order Quantity.
03 POC03 and POC04 values are of the same unit of measure in POC05.

Comments

03 The Current Order Quantity is the order quantity, as of the transaction date and time, and includes any prior Quantity Increases or Quantity Decreases. The Original Order Quantity and Current Order Quantity will have the same value when there are no quantity adjustments.

POD - Proof of Delivery

To provide proof of delivery

TRANSACTION SETS USED IN

110 210 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M	DT	8/8
02	337	Time	1	O	TM	4/8
03	93	Name	1	M	AN	1/60

PPA - Property Location

To identify a physical property location

TRANSACTION SETS USED IN
133 158 620 625

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	309	Location Qualifier	1	M/Z	ID	1/2
02	310	Location Identifier	1	M	AN	1/30
03	1654	Longitude Code	1	X/Z	ID	7/10
04	1280	Direction Identifier Code	1	X/Z	ID	1/1
05	1655	Latitude Code	1	X/Z	ID	7/10
06	1280	Direction Identifier Code	1	X/Z	ID	1/1
07	1794	Longitude, Decimal Format	1	X/Z	R	1/10
08	1795	Latitude, Decimal Format	1	X/Z	R	1/10

Syntax Notes

03	P0305
03	R0304
03	E0307
03	R0307
04	L040307
05	R0506
05	E0508
05	R0508
06	L060508
07	P0708

Semantic Notes

01	PPA01 is a geographic reference point of the location.
03	PPA03 specifies the longitude of the location.
04	PPA04 may only be "E" or "W".
05	PPA05 specifies the latitude of the location.
06	PPA06 may only be "N" or "S".
07	PPA07 specifies the longitude of the location expressed in degree decimal format.
08	PPA08 specifies the latitude of the location in degree decimal format.

PPD - Payment Pattern Details

To identify the payment pattern of specific, credit-related items

TRANSACTION SETS USED IN

200 202

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	12	Payment Pattern	1	O	AN	1/84
02	1250	Date Time Period Format Qualifier	1	O	ID	2/3
03	1251	Date Time Period	1	O/Z	AN	1/35
04	127	Reference Identification	1	O/Z	AN	1/80
05	127	Reference Identification	1	O/Z	AN	1/80
06	263	Rating Code	1	O	ID	2/2
07	1251	Date Time Period	1	O	AN	1/35
08	1470	Number	1	O/Z	N0	1/9
09	1470	Number	1	O/Z	N0	1/9
10	1470	Number	1	O/Z	N0	1/9
11	1470	Number	1	O/Z	N0	1/9
12	1470	Number	1	O/Z	N0	1/9
13	1470	Number	1	O/Z	N0	1/9

Semantic Notes

03 PPD03 identifies the payment pattern start date.

04 PPD04 identifies the credit repository reporting the payment pattern information.

05 PPD05 identifies the credit file identifier or hit level for a particular credit repository.

08 PPD08 states the number of times payments were 30 days late.

09 PPD09 states the number of times payments were 60 days late.

10 PPD10 states the number of times payments were 90 days late.

11 PPD11 states the number of times payments were 120 days late.

12 PPD12 states the number of times payments were 150 days late.

13 PPD13 states the number of times payments were 180+ days late.

PPI - Policy Premium Payment Information

To specify information pertaining to the policy premium payment

TRANSACTION SETS USED IN

266 811

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	98	Entity Identifier Code	1	M/Z	ID	2/3
02	522	Amount Qualifier Code	1	O/Z	ID	1/3

Semantic Notes

01 PPI01 is the entity responsible for payment of the insurance premium.

02 PPI02 is the amount due in relation to the total annual premium

PPL - Price Support Data

To provide information about pricing support

TRANSACTION SETS USED IN
194 251

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1309	Acquisition Data Code	1	O	ID	2/2
02	373	Date	1	O/Z	DT	8/8
03	373	Date	1	O/Z	DT	8/8
04	352	Description	1	O	AN	1/80
05	1401	Proposal Data Detail Identifier Code	1	O	ID	1/3

Semantic Notes

02 PPL02 is the start date.

03 PPL03 is the end date.

PPR - Contract Party Restriction

To identify a party as included or excluded in a contract or program

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	93	Name	1	O	AN	1/60
03	66	Identification Code Qualifier	1	X	ID	1/2
04	67	Identification Code	1	X	AN	2/80
05	98	Entity Identifier Code	1	O	ID	2/3

Syntax Notes

03 P0304

Semantic Notes

01 PPR01 indicates if a contract party is included or excluded from the program. A 'Y' indicates that the party is included in the program. An 'N' indicates that the party is not included in the program.

PPY - Personal Property Description

To provide details of personal property

TRANSACTION SETS USED IN

201 833

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1188	Type of Personal or Business Asset Code	1	M/Z	ID	2/2
02	782	Monetary Amount	1	M/Z	R	1/18
03	352	Description	1	O/Z	AN	1/80
04	352	Description	1	O/Z	AN	1/80
05	352	Description	1	O/Z	AN	1/80
06	1250	Date Time Period Format Qualifier	1	X/Z	ID	2/3
07	1251	Date Time Period	1	X	AN	1/35
08	127	Reference Identification	1	O	AN	1/80

Syntax Notes

06	P0607

Semantic Notes

01	PPY01 defines the type of personal property described in the segment.
02	PPY02 defines the value of the reference personal property.
03	PPY03 is required if PPY01 equals "10", describes personal property not listed in PPY01.
04	PPY04 is required if PPY01 equals "01", records make of vehicle.
05	PPY05 is required if PPY01 equals "01", records model of vehicle.
06	PPY06 is required if PPY01 equals "01", records model year of vehicle, value "CY" equals date format CCYY.

PR - Product (Commodity)

To identify the commodity to which the application of a rate docket is restricted

TRANSACTION SETS USED IN

106 107 433 453 460 490 494

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	699	Commodity/Geographic Logical Connector Code	1	M	ID	1/1
02	23	Commodity Code Qualifier	1	X	ID	1/2
03	22	Commodity Code	1	X/Z	AN	1/30
04	22	Commodity Code	1	O	AN	1/30
05	259	Change Type Code	1	O	ID	1/1
06	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
07	697	Docket Control Number	1	X	AN	1/7
08	690	Docket Identification	1	X	AN	1/11
09	260	Group Title	1	O	AN	2/30

Syntax Notes

02	E0206
02	P0203
02	R0206
04	C040203
06	P060708
09	C09060708

Semantic Notes

03	If PR03 is present and PR04 is omitted, PR03 indicates actual commodity code. If PR03 and PR04 are present, PR03 indicates the low value of commodity range and PR04 indicates the high value of commodity range.
06	PR06 is the Standard Carrier Alpha Code (SCAC) of the group docket owner.

PR1 - Price Request Parameter List 1

To request price information based on certain parameters such as commodity, origin, and destination

TRANSACTION SETS USED IN
466

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	23	Commodity Code Qualifier	1	M	ID	1/2
02	22	Commodity Code	1	M	AN	1/30
03	22	Commodity Code	1	O/Z	AN	1/30
04	309	Location Qualifier	1	X	ID	1/2
05	310	Location Identifier	1	X	AN	1/30
06	310	Location Identifier	1	O/Z	AN	1/30
07	156	State or Province Code	1	X	ID	2/2
08	140	Standard Carrier Alpha Code	1	O	ID	2/4
09	309	Location Qualifier	1	X	ID	1/2
10	310	Location Identifier	1	X	AN	1/30
11	310	Location Identifier	1	O/Z	AN	1/30
12	156	State or Province Code	1	X	ID	2/2
13	140	Standard Carrier Alpha Code	1	O	ID	2/4

Syntax Notes

04	P0405
05	R0507
06	C060405
09	P0910
10	R1012
11	C110910

Semantic Notes

03	PR103 is the commodity range.
06	PR106 is a geography range.
11	PR111 is a geography range.

PR2 - Price Request Parameter List 2

To request price information based on certain parameters such as date, route, equipment type, and customer

TRANSACTION SETS USED IN
466

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	O/Z	DT	8/8
02	373	Date	1	O/Z	DT	8/8
03	1	Route Code	1	O	AN	1/13
04	301	Car Type Code	1	O	ID	1/4
05	66	Identification Code Qualifier	1	X	ID	1/2
06	67	Identification Code	1	X	AN	2/80
07	127	Reference Identification	1	O/Z	AN	1/80
08	692	Conveyance Code	1	O	ID	1/1
09	127	Reference Identification	1	O/Z	AN	1/80

Syntax Notes

05 P0506

Semantic Notes

01 PR201 is the beginning date.
02 PR202 is the ending date.
07 PR207 is the rate type request number.
09 PR209 is the group definition request number.

PRC - Payment Rate Change

To identify interest rate or payment changes for adjustable rate mortgages

TRANSACTION SETS USED IN

203

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	374	Date/Time Qualifier	1	M	ID	3/3
02	1250	Date Time Period Format Qualifier	1	M	ID	2/3
03	1251	Date Time Period	1	M	AN	1/35
04	953	Interest Rate	1	X/Z	R	1/6
05	953	Interest Rate	1	X/Z	R	1/6
06	953	Interest Rate	1	X/Z	R	1/6
07	522	Amount Qualifier Code	1	X	ID	1/3
08	782	Monetary Amount	1	X	R	1/18
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	673	Quantity Qualifier	1	X	ID	2/2
11	380	Quantity	1	X/Z	R	1/15
12	C001	Composite Unit of Measure	1	X		

Syntax Notes

04	R04050608
07	P0708
10	P101112

Semantic Notes

04	PRC04 identifies the index value.
05	PRC05 identifies the new pass through rate.
06	PRC06 identifies the new note rate.
09	PRC09 confirms that the loan has been converted to fixed rate. A "Y" indicates the loan has converted to fixed rate; an "N" indicates the loan has not converted to fixed rate.
11	PRC11 identifies the extended term.

PRD - Mortgage Loan Product Description

To describe terms of a mortgage product

TRANSACTION SETS USED IN
198 265 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1085	Loan Payment Type Code	1	M/Z	ID	2/2
02	380	Quantity	1	O/Z	R	1/15
03	122	Rate/Value Qualifier	1	O/Z	ID	2/2
04	1086	Loan Rate Type Code	1	O/Z	ID	1/1
05	954	Percentage as Decimal	1	O/Z	R	1/10
06	380	Quantity	1	O/Z	R	1/15
07	380	Quantity	1	O/Z	R	1/15
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	380	Quantity	1	O/Z	R	1/15
11	782	Monetary Amount	1	O/Z	R	1/18

Semantic Notes

01 PRD01 defines the type of loan payment.

02 PRD02 is the initial (original) term in months.

03 PRD03 is the period type for loan payment frequency.

04 PRD04 defines whether the loan rate is fixed or adjustable.

05 PRD05 is the initial (original) interest accrual rate.

06 PRD06 is the amortization term in months.

07 PRD07 is the maximum loan term in months.

08 PRD08 defines whether there is a prepayment penalty. A "Y" indicates there is a penalty; an "N" indicates there is not a penalty.

09 PRD09 defines whether a loan of this product may be assumed. A "Y" indicates a loan is assumable; an "N" indicates a loan is not assumable.

10 PRD10 is number of months until balloon payment.

11 PRD11 is the amount of the balloon payment.

PRF - Purchase Order Reference

To provide reference to a specific purchase order

TRANSACTION SETS USED IN

180 216 250 325 856 857 861 867 869 870

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	324	Purchase Order Number	1	M	AN	1/22
02	328	Release Number	1	O	AN	1/30
03	327	Change Order Sequence Number	1	O	AN	1/8
04	373	Date	1	O/Z	DT	8/8
05	350	Assigned Identification	1	O	AN	1/20
06	367	Contract Number	1	O	AN	1/30
07	92	Purchase Order Type Code	1	O	ID	2/2

Semantic Notes

04 PRF04 is the date assigned by the purchaser to purchase order.

PRI - External Reference Identifier

To identify an external reference

TRANSACTION SETS USED IN
414 485 492

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	436	Primary Publication Authority Code	1	M	ID	2/2
02	168	Tariff Agency Code	1	M	ID	1/4
03	171	Tariff Number	1	M	AN	1/7
04	493	Tariff Number Suffix	1	O	AN	1/2
05	173	Tariff Supplement Identifier	1	O	AN	1/4
06	172	Tariff Section Number	1	O	AN	1/2
07	169	Tariff Item Number	1	O	AN	1/16
08	128	Reference Identification Qualifier	1	X	ID	2/3
09	127	Reference Identification	1	X	AN	1/80
10	140	Standard Carrier Alpha Code	1	X	ID	2/4
11	697	Docket Control Number	1	X	AN	1/7
12	690	Docket Identification	1	X	AN	1/11
13	691	Revision Number	1	O	N0	1/4
14	260	Group Title	1	O	AN	2/30

Syntax Notes

08	P0809
10	P101112

PRJ - Multifamily Housing Project

To describe attributes of a multifamily housing project

TRANSACTION SETS USED IN

872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	93	Name	1	M/Z	AN	1/60
02	128	Reference Identification Qualifier	1	X/Z	ID	2/3
03	127	Reference Identification	1	X/Z	AN	1/80
04	373	Date	1	O/Z	DT	8/8

Syntax Notes

02 P0203

Semantic Notes

01 PR01 is the housing project name.
02 PR02 is the project ID qualifier.
03 PR03 is the housing project identifier value.
04 PR04 is the housing project approval date.

PRM - Basic Trace Parameters

To provide basic trace parameters

TRANSACTION SETS USED IN
455

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	301	Car Type Code	1	O	ID	1/4
02	322	Load/Empty Status Code	1	O	ID	1/1
03	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
04	154	Standard Point Location Code	1	O/Z	ID	6/9
05	154	Standard Point Location Code	1	O/Z	ID	6/9
06	22	Commodity Code	1	O/Z	AN	1/30
07	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
08	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
09	154	Standard Point Location Code	1	O/Z	ID	6/9
10	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
11	1494	Transportation Condition Code	1	O	ID	1/1
12	1490	Association of American Railroads Car Grade Code	1	O	ID	1/1
13	177	Intermodal Service Code	1	O	ID	1/2

Syntax Notes

09 C090708

Semantic Notes

03 PRM03 is the waybilling carrier.
04 PRM04 is the origin.
05 PRM05 is the destination.
06 PRM06 contains a Standard Transportation Commodity Code.
07 PRM07 will contain a Standard Carrier Alpha Code which must appear in the Waybill route.
08 PRM08 will contain a Standard Carrier Alpha Code which must appear in the Waybill route.
09 PRM09 is the junction between the carriers in PRM07 and PRM08.
10 PRM10 is the destination carrier.

PRR - Problem Report

To describe a product condition causing an engineering change or the condition when presented for service, for a recall notice, or for a service bulletin

TRANSACTION SETS USED IN
142 143 841

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O	AN	1/20
02	559	Agency Qualifier Code	1	X/Z	ID	2/2
03	822	Source Subqualifier	1	O/Z	AN	1/15
04	1229	Complaint Code	1	X/Z	AN	3/6
05	352	Description	1	X	AN	1/80
06	559	Agency Qualifier Code	1	X/Z	ID	2/2
07	822	Source Subqualifier	1	O/Z	AN	1/15
08	1233	Service Classification Code	1	X/Z	AN	1/4
09	559	Agency Qualifier Code	1	X	ID	2/2
10	822	Source Subqualifier	1	O	AN	1/15
11	1234	Severity Condition Code	1	X/Z	AN	1/2

Syntax Notes

02	C0204
03	C0302
04	R0405
06	C0608
07	C0706
09	C0911
10	C1009

Semantic Notes

02	PRR02 identifies the source of the following complaint code contained in PRR04.
03	PRR03 specifies a particular table of codes maintained by the agency identified in PRR02 for specifying the complaint code contained in PRR04.
04	PRR04 is the complaint code as reported by the customer.
06	PRR06 identifies the source of the following service classification code or severity condition code contained in PRR08 and PRR09, respectively.
07	PRR07 specifies a particular table of codes maintained by the agency identified in PRR06 for specifying the service classification codes contained in PRR08.
08	PRR08 identifies the gross reason for the service action.
11	PRR11 identifies the urgency or severity of the condition which results in a service action.

PRS - Part Release Status

To indicate the status of the part being ordered or forecast with respect to this material release or planning document

TRANSACTION SETS USED IN

830 841 842 862

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	682	Part Release Status Code	1	M	ID	1/2
02	352	Description	1	O	AN	1/80

PRT - Part Disposition

To specify the disposition of the removed part, subassembly or assembly

TRANSACTION SETS USED IN

142 143 841

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1225	Disposition Code	1	M/Z	AN	3/3
02	559	Agency Qualifier Code	1	X/Z	ID	2/2
03	822	Source Subqualifier	1	O/Z	AN	1/15
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

03 C0302

Semantic Notes

01 PRT01 specifies what is to be done or what was done with the part that was removed.

02 PRT02 identifies the source of the disposition code contained in PRT01.

03 PRT03 specifies a particular table of codes maintained by the agency identified in PRT02 for specifying the disposition code contained in PRT01.

04 PRT04 indicates whether or not the claimant has specified that the part in question is to be returned to the claimant if the claim is disallowed. A "Y" indicates that the claimant has made such a request; an "N" indicates that the claimant has not made such a request.

PRV - Provider Information

To specify the identifying characteristics of a provider

TRANSACTION SETS USED IN

270 271 275 278 834 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1221	Provider Code	1	M	ID	1/3
02	128	Reference Identification Qualifier	1	X	ID	2/3
03	127	Reference Identification	1	X	AN	1/80
04	156	State or Province Code	1	O	ID	2/2
05	C035	Provider Specialty Information	1	O		
06	1223	Provider Organization Code	1	O	ID	3/3

Syntax Notes

02	P0203

PS - Protective Service Instructions

To specify mechanical protective service and ventilation instructions

TRANSACTION SETS USED IN
404 410 417 418 421 426 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	746	Protective Service Rule Code	1	M	ID	3/9
02	241	Protective Service Code	1	M	ID	1/4
03	355	Unit or Basis for Measurement Code	1	X/Z	ID	2/2
04	408	Temperature	1	X/Z	R	1/4
05	140	Standard Carrier Alpha Code	1	O	ID	2/4
06	573	Freight Station Accounting Code	1	O	ID	1/5
07	19	City Name	1	O	AN	2/30
08	156	State or Province Code	1	O	ID	2/2
09	81	Weight	1	O	R	1/10
10	745	Pre-Cooled (Rule 710) Code	1	O	ID	1/1
11	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
12	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
13	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
14	408	Temperature	1	X/Z	R	1/4

Syntax Notes

03 L030414
04 C0403
14 C1403

Semantic Notes

03 PS03 qualifies the temperature in PS04 and PS14.
04 PS04 is the optimum allowable temperature condition for shipment.
11 PS11 identifies the location of the heater. A "Y" indicates the heater is ceiling-mounted; an "N" indicates the heater is in the body.
12 PS12 identifies whether or not the commodity is a food product. A "Y" indicates the commodity is a food product; an "N" indicates it is a non-food product.
13 PS13 indicates the amount of doorway space for the full width of the car. A "Y" indicates the doorway space is not less than 30 inches for the full width of the car; an "N" indicates it is less than 30 inches.
14 PS14 is the set temperature at service origin.

Comments

05 PS05 through PS08 are used to specify the station to which the temperature applies. PS05 and PS06 are preferred over PS07 and PS08.
09 PS09 is the weight of body ice in hundreds.

PS1 - Purchase Service

To specify the information about services that are purchased

TRANSACTION SETS USED IN

837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	782	Monetary Amount	1	M/Z	R	1/18
03	156	State or Province Code	1	O/Z	ID	2/2

Semantic Notes

01 PS101 is provider identification number.

02 PS102 is cost of the purchased service.

03 PS103 is the state where the service is purchased.

PSA - Partner Share Accounting

To communicate the percentage share of the project that a particular owner has to pay

TRANSACTION SETS USED IN
819 867

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	66	Identification Code Qualifier	1	M	ID	1/2
02	67	Identification Code	1	M	AN	2/80
03	826	Owners Share	1	M	R	1/8
04	782	Monetary Amount	1	X/Z	R	1/18
05	522	Amount Qualifier Code	1	O	ID	1/3

Syntax Notes

05 C0504

Semantic Notes

04 PSA04 is the amount of the total partner's share of gross charges for the property, if PSA05 is not used.

Comments

03 PSA03 is expressed as a decimal amount.

PSC - Product Service Contract

To describe the conditions of a product service contract as in a warranty registration

TRANSACTION SETS USED IN
140 142

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	846	Contract Status Code	1	M	ID	2/2
02	1230	Type of Product Service Code	1	M/Z	ID	2/4
03	1230	Type of Product Service Code	1	O	ID	2/4
04	127	Reference Identification	1	O/Z	AN	1/80
05	98	Entity Identifier Code	1	O/Z	ID	2/3
06	367	Contract Number	1	O/Z	AN	1/30
07	C001	Composite Unit of Measure	1	X/Z		
08	609	Count	1	X/Z	N0	1/9
09	374	Date/Time Qualifier	1	O/Z	ID	3/3
10	373	Date	1	X/Z	DT	8/8
11	373	Date	1	O/Z	DT	8/8
12	C001	Composite Unit of Measure	1	X/Z		
13	741	Range Maximum	1	X/Z	R	1/20
14	740	Range Minimum	1	X/Z	R	1/20
15	739	Measurement Value	1	X/Z	R	1/20
16	306	Action Code	1	O/Z	ID	1/2
17	954	Percentage as Decimal	1	O/Z	R	1/10
18	559	Agency Qualifier Code	1	X/Z	ID	2/2
19	822	Source Subqualifier	1	O/Z	AN	1/15
20	1231	Operation Environment Code	1	X/Z	AN	2/3
21	560	Special Services Code	1	O/Z	ID	2/10
22	352	Description	1	O/Z	AN	1/80
23	212	Unit Price	1	O/Z	R	1/17
24	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
25	1079	Contact Method Code	1	O/Z	ID	1/1

Syntax Notes

07	P0708
12	L12131415
13	C1312
14	C1412
15	C1512
16	L160810
16	C1613
18	C1820
19	C1918

Semantic Notes

02 When used with a claim for service, PSC02 could specify the contractual basis for the claim. If a single product is going to have several contracts in place at the same time, such as five years for parts and one year for labor or, in a different case, five years or 70,000 miles, the PSC segment will have to be invoked the required number of times. The first and required use of the type of contract code identifies its most general category while the second, optional, use is more specific.

04 PSC04 can contain a type of contract that is for an individual manufacturer.

05 PSC05 specifies the party responsible for this portion of the service contract.

06 PSC06 is the number on one individual contract.

07 PSC07 is the unit of measure for PSC08. It normally would be a unit of time, such as months or years, or a service unit, such as miles or operational hours.

08 PSC08 is the length, duration, or period of the contract. It normally would be a unit of time, such as months or years, or a service unit, such as miles or operational hours.

09 PSC09 indicates the event that starts the warranty or service contract.

10 PSC10 is the "Through Date". The through date and the range maximum both refer to the condition at the end of the contract period.

11 PSC11 is the "Beginning Date". The beginning date and the range minimum both refer to the condition at the start of the contract period.

12 PSC12 refers to PSC13, PSC14 and PSC15.

13 PSC13 is the value in terms of the previous unit of measure that specifies the end of the service contract.

14 PSC14 is the value in terms of the previous unit of measure that specifies the value at the beginning of the service contract.

15 PSC15 is the current measurement value.

16 PSC16 describes the relationship between the service life in PSC10 or PSC08 and PSC11 and the measurement in PSC13.

17 PSC17 is used to describe the current percentage of warranted life for use when the claim amount paid is based on this.

18 PSC18 identifies the source of the following operation environment codes.

19 PSC19 specifies a particular table of codes maintained by the organization specified in PSC18 for specifying PSC20.

20 PSC20 can be used to indicate the environment in which this product is to be used.

21 PSC21 can be used to describe where the contract service is to be performed.

22 PSC22 can be used to describe any non-standard conditions regarding this contract.

23 PSC23 is the price of this individual contract.

24 PSC24 is used to indicate whether or not a supplemental inspection of the product is required before a new service contract can be accepted on a product that has been in service. Code "Y" indicates that the inspection is required. Code "N" indicates that the inspection is not required.

25 PSC25 can be used to specify how the service contract was received.

PSD - Physical Sample Description

To define the physical sample parameters associated with a test resulting in discrete measurements

TRANSACTION SETS USED IN

841 842 863

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	939	Sample Process Status Code	1	O	ID	2/2
02	940	Sample Selection Method Code	1	O	ID	2/2
03	942	Sample Frequency Value per Unit of Measurement Code	1	X	N0	1/9
04	C001	Composite Unit of Measure	1	X		
05	943	Sample Description Code	1	O	ID	2/2
06	944	Sample Direction Code	1	O	ID	2/2
07	945	Position Code	1	O	ID	2/2
08	352	Description	1	O	AN	1/80
09	1167	Sample Selection Modulus	1	X	R	1/6

Syntax Notes

03	P0304
03	E0309

Comments

08	PSD08 can provide a more complete description of the physical sampling location.

PSG - Program Spend

To identify the spend type required by a program

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1763	Spend Type Code	1	X	ID	2/2
02	352	Description	1	X/Z	AN	1/80
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

01 R0102

Semantic Notes

02 PSG02 describes the program spend type.

03 PSG03 indicates if residual earnings will roll over to subsequent years. A 'Y' indicates that residual earnings will roll over to subsequent years. An 'N' indicates that residual earnings will not roll over to subsequent years.

PT - Patron

To identify a party involved in a rate docket

TRANSACTION SETS USED IN
460 490 494

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	495	Condition Segment Logical Connector	1	M	AN	1/3
02	98	Entity Identifier Code	1	X	ID	2/3
03	93	Name	1	O	AN	1/60
04	66	Identification Code Qualifier	1	X	ID	1/2
05	67	Identification Code	1	X	AN	2/80
06	259	Change Type Code	1	O	ID	1/1
07	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
08	697	Docket Control Number	1	X	AN	1/7
09	690	Docket Identification	1	X	AN	1/11
10	260	Group Title	1	O	AN	2/30
11	706	Entity Relationship Code	1	O	ID	2/2

Syntax Notes

04	P0405
05	C0502
07	P070809
07	E0702
10	C10070809
11	C1102

Semantic Notes

07	PT07 is the Standard Carrier Alpha Code (SCAC) of the group docket owner.

Comments

00	Patron identity is represented by a particular carrier's own patron coding system.

PTD - Product Transfer and Resale Detail

To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data

TRANSACTION SETS USED IN

867

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	521	Product Transfer Type Code	1	M	ID	2/2
02	648	Price Multiplier Qualifier	1	X	ID	3/3
03	649	Multiplier	1	X	R	1/10
04	128	Reference Identification Qualifier	1	X	ID	2/3
05	127	Reference Identification	1	X	AN	1/80
06	486	Product Transfer Movement Type Code	1	O	ID	2/2

Syntax Notes

02	P0203
04	P0405

PTF - Property Transaction Financials

To provide the financial information related to a real estate transaction such as list price, sales price, rent, commissions, fees, sales taxes and closing costs

TRANSACTION SETS USED IN
262

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	522	Amount Qualifier Code	1	M	ID	1/3
02	782	Monetary Amount	1	M	R	1/18
03	594	Frequency Code	1	O	ID	1/1
04	C001	Composite Unit of Measure	1	O		
05	98	Entity Identifier Code	1	O	ID	2/3
06	963	Tax Type Code	1	O	ID	2/2
07	441	Tax Exempt Code	1	O	ID	1/1

Comments

03	PTF03 defines the time period or frequency of the amount in PTF02.
04	PTF04 further qualifies PTF02.
06	If PTF01 = TAX the PTF06 is the detailed tax type.
07	If PTF02 is a tax amount, then PTF07 defines an existing tax exemption, if applicable.

PTS - Property Tax Status

To provide data required for proper notification or determination of applicable taxes applying to the transaction

TRANSACTION SETS USED IN

245

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	546	Status Code	1	M/Z	ID	2/2
02	127	Reference Identification	1	M/Z	AN	1/80
03	1719	Tax Service Payment Code	1	O	ID	1/1
04	1250	Date Time Period Format Qualifier	1	X	ID	2/3
05	1251	Date Time Period	1	X/Z	AN	1/35
06	546	Status Code	1	O/Z	ID	2/2
07	955	Tax Jurisdiction Code Qualifier	1	X/Z	ID	2/2
08	956	Tax Jurisdiction Code	1	X	AN	1/10
09	352	Description	1	X/Z	AN	1/80
10	1721	Type of Taxing Authority Code	1	O	ID	2/2
11	546	Status Code	1	O/Z	ID	2/2

Syntax Notes

04 P0405
07 P0708
08 R0809

Semantic Notes

01 PTS01 contains the property's tax status.
02 PTS02 contains the current year tax bill number.
05 PTS05 is the current tax year.
06 PTS06 is the current Tax Year Payment Status.
07 If PTS07 is not equal to "MB", then PTS09 is required.
09 PTS09 contains the name of the tax agency.
11 PTS11 contains the status of the taxing authority.

PUN - Beginning Segment for Motor Carrier Pickup Notification

To transmit identifying numbers and other basic data relating to the Motor Carrier Pickup Notification transaction set

TRANSACTION SETS USED IN

216

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	373	Date	1	M/Z	DT	8/8
03	337	Time	1	O/Z	TM	4/8
04	127	Reference Identification	1	O/Z	AN	1/80
05	337	Time	1	O/Z	TM	4/8
06	353	Transaction Set Purpose Code	1	M/Z	ID	2/2

Semantic Notes

01 PUN01 is the Standard Carrier Alpha Code (SCAC) of the carrier that is the intended recipient of this transaction set.

02 PUN02 is the date the freight will be available for pickup by the motor carrier identified in PUN01.

03 PUN03 is the time that the freight will be available on the date specified in PUN02.

04 PUN04 is the pickup authorization or reference number. If provided, it is the reference number that the carrier is required to provide in order to pickup the shipment.

05 PUN05 is the time that the pickup location will close on the date specified in the PUN02.

06 If PUN06 is to cancel or correct a pickup notification, the PUN04 is required to contain the original pickup number.

PWK - Paperwork

To identify the type or transmission or both of paperwork or supporting information

TRANSACTION SETS USED IN

105 113 143 147 161 179 186 194 195 198 202 206 252 255 261 262 265 267 272 277 278 280 284 304 310 500 511 536 810 830 832 833 836 837 840 841 842 843 850 855 856 860 865 867 870

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	755	Report Type Code	1	M	ID	2/2
02	756	Report Transmission Code	1	O	ID	1/2
03	757	Report Copies Needed	1	O	N0	1/2
04	98	Entity Identifier Code	1	O	ID	2/3
05	66	Identification Code Qualifier	1	X	ID	1/2
06	67	Identification Code	1	X	AN	2/80
07	933	Free-form Message Text	1	O	AN	1/264
08	C002	Actions Indicated	1	O		
09	1525	Request Category Code	1	O	ID	1/2
10	1270	Code List Qualifier Code	1	X	ID	1/3
11	1271	Industry Code	1	X	AN	1/30

Syntax Notes

05	P0506
10	P1011

Comments

05	PWK05 and PWK06 may be used to identify the addressee by a code number.
07	PWK07 may be used to indicate special information to be shown on the specified report.
08	PWK08 may be used to indicate action pertaining to a report.

PYD - Payroll Deduction

To specify payroll deduction information

TRANSACTION SETS USED IN

820

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	782	Monetary Amount	1	M	R	1/18
02	594	Frequency Code	1	O	ID	1/1
03	1685	Tax Treatment Code	1	O	ID	1/1
04	1688	Deduction Type Code	1	O	ID	1/4
05	352	Description	1	O/Z	AN	1/80

Semantic Notes

05 PYD05 is used to clarify the deduction type to which the amount specified in PYD01 applies.

PYM - Payment Manner and Percentage

To specify manner in which bills are paid either to a specific vendor or overall to all vendors

TRANSACTION SETS USED IN
155

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	263	Rating Code	1	X	ID	2/2
02	344	Unit of Time Period or Interval Code	1	X	ID	2/2
03	616	Number of Periods	1	X/Z	N0	1/3
04	616	Number of Periods	1	O/Z	N0	1/3
05	615	Time Period Qualifier	1	O	ID	1/2
06	650	Rating Remarks Code	1	X	ID	2/2
07	954	Percentage as Decimal	1	O/Z	R	1/10

Syntax Notes

01	R0106
02	P0203
03	C0301
04	C0403
05	C0503

Semantic Notes

03	PYM03 is the low end of the period if a range exists.
04	PYM04 is the high end of the period if a range exists.
07	PYM07 specifies the percentage of the payment manner referenced in PYM01 or PYM06 relative to the total payment.

PYT - Historical Payment Terms

To specify payment terms provided by a vendor to an entity over a historical period

TRANSACTION SETS USED IN
155

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	386	Terms Net Days	1	X	N0	1/3
02	336	Terms Type Code	1	X/Z	ID	2/2
03	765	Day of Month	1	O/Z	N0	1/2
04	338	Terms Discount Percent	1	X/Z	R	1/6
05	338	Terms Discount Percent	1	O/Z	R	1/6
06	336	Terms Type Code	1	O/Z	ID	2/2
07	351	Terms Discount Days Due	1	X/Z	N0	1/3
08	351	Terms Discount Days Due	1	O/Z	N0	1/3

Syntax Notes

01	R0102
03	C0302
05	C0504
06	C0604
08	C0807

Semantic Notes

02	PYT02 further expands terms net days or provides general term comment.
03	PYT03 is day of the month payment is due in the month following the invoice.
04	PYT04 is the low end of terms discount if a range exists.
05	PYT05 is the high end of terms discount if a range exists.
06	PYT06 provides the terms required to obtain discount.
07	PYT07 is the low end of discount days offered if a range exists.
08	PYT08 is the high end of discount days offered if a range exists.

Comments

03	PYT03 is only used when PYT02 is "33".

Q2 - Status Details (Ocean)

To transmit identifying information relative to identification of vessel, transportation dates, lading quantity, weight, and cube

TRANSACTION SETS USED IN
109 315

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	597	Vessel Code	1	O	ID	1/8
02	26	Country Code	1	O/Z	ID	2/3
03	373	Date	1	O/Z	DT	8/8
04	373	Date	1	O/Z	DT	8/8
05	373	Date	1	O/Z	DT	8/8
06	80	Lading Quantity	1	O	N0	1/7
07	81	Weight	1	X	R	1/10
08	187	Weight Qualifier	1	X	ID	1/2
09	55	Flight/Voyage Number	1	O	AN	2/30
10	128	Reference Identification Qualifier	1	O	ID	2/3
11	127	Reference Identification	1	X	AN	1/80
12	897	Vessel Code Qualifier	1	O	ID	1/1
13	182	Vessel Name	1	O	AN	2/50
14	183	Volume	1	X	R	1/8
15	184	Volume Unit Qualifier	1	X	ID	1/1
16	188	Weight Unit Code	1	X	ID	1/1

Syntax Notes

07 P070816
10 C1011
14 P1415

Semantic Notes

02 Q202 is the code identifying the country in which the ship (vessel) is registered.
03 Q203 is the required pier date.
04 Q204 is the date of departure of the vessel.
05 Q205 is the date the shipment was unloaded from the vessel.

Q3 - Arrival Details

To specify estimated arrival date and shipment method of payment

TRANSACTION SETS USED IN

312

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M/Z	DT	8/8
02	146	Shipment Method of Payment Code	1	M	ID	2/2

Semantic Notes

01 Q301 is the estimated arrival date at the port of discharge.

Q5 - Status Details

To specify the status of the shipment in terms of dates, time, reference numbers, and location

TRANSACTION SETS USED IN
228 322

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	157	Shipment Status Code	1	O	ID	1/2
02	373	Date	1	O/Z	DT	8/8
03	337	Time	1	X/Z	TM	4/8
04	623	Time Code	1	X	ID	2/2
05	641	Status Reason Code	1	O	ID	3/3
06	19	City Name	1	X	AN	2/30
07	156	State or Province Code	1	O	ID	2/2
08	26	Country Code	1	O	ID	2/3
09	206	Equipment Initial	1	O	AN	1/4
10	207	Equipment Number	1	O	AN	1/15
11	128	Reference Identification Qualifier	1	X	ID	2/3
12	127	Reference Identification	1	X	AN	1/80
13	1280	Direction Identifier Code	1	O/Z	ID	1/1
14	128	Reference Identification Qualifier	1	X	ID	2/3
15	127	Reference Identification	1	X	AN	1/80
16	1280	Direction Identifier Code	1	O/Z	ID	1/1
17	954	Percentage as Decimal	1	O/Z	R	1/10
18	108	Pickup or Delivery Code	1	O	ID	1/2

Syntax Notes

03	P0304
07	C0706
11	P1112
13	C1312
14	P1415
16	C1615

Semantic Notes

02	Q502 is the date of the status reported in Q501.
03	Q503 is the time of the status reported in Q501.
13	Q513 is the direction (north or south) of the equator for the latitude given in Q512.
13	If Q513 is not used, north is assumed.
16	If Q516 is not used, west is assumed.
16	Q516 is the direction (east or west) of the Greenwich Meridian for the longitude given in Q515.
17	Q517 is the percent of the capacity of the trailer utilized as identified in Q510.

Q7 - Lading Exception Status

To specify the status of the shipment in terms of lading exception information

TRANSACTION SETS USED IN

212 214 240 920

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	33	Lading Exception Code	1	M	ID	1/1
02	211	Packaging Form Code	1	O	ID	3/3
03	80	Lading Quantity	1	X	N0	1/7

Syntax Notes

02	C0203

Q8 - Detail Delivery Exception Information

To transmit detailed lading data, damage, and disposition information

TRANSACTION SETS USED IN

854

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	33	Lading Exception Code	1	M/Z	ID	1/1
02	211	Packaging Form Code	1	X	ID	3/3
03	80	Lading Quantity	1	X	N0	1/7
04	235	Product/Service ID Qualifier	1	X	ID	2/2
05	234	Product/Service ID	1	X	AN	1/80
06	79	Lading Description	1	O	AN	1/50
07	853	Damage Reason Code	1	O	ID	2/2
08	306	Action Code	1	O	ID	1/2
09	127	Reference Identification	1	O/Z	AN	1/80
10	352	Description	1	O	AN	1/80

Syntax Notes

02 P0203

04 P0405

Semantic Notes

01 If Q801 equals code "D", then Q807 is required.

09 Q809 is the authorization number assigned by the shipper or other responsible party when delivery exception notification is made and disposition is authorized.

QTY - Quantity Information

To specify quantity information

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 131 132 133 135 139 140 141 142 143 148 150 151 152 155 159 160 175
176 179 180 185 186 187 189 194 195 196 198 199 200 201 202 203 205 206 242 251 256 259 261 262
264 266 267 272 273 274 277 283 284 285 286 288 290 304 310 312 362 422 423 432 500 501 503 511
517 527 536 568 625 650 754 806 810 811 814 816 819 820 823 824 829 830 831 832 833 834 835 836
837 839 840 841 842 843 844 845 846 847 849 850 852 855 860 862 863 865 866 867 868 869 870 873
875 876 880 881 883 884 886 887 888 889 890 897 940 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	673	Quantity Qualifier	1	M	ID	2/2
02	380	Quantity	1	X	R	1/15
03	C001	Composite Unit of Measure	1	O		
04	61	Free-form Information	1	X/Z	AN	1/30

Syntax Notes

02	R0204
02	E0204

Semantic Notes

04	QTY04 is used when the quantity is non-numeric.

R1 - Route Information (Air)

To specify airline and airport routing sequences

TRANSACTION SETS USED IN

110 272 362 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	O	ID	2/4
02	140	Standard Carrier Alpha Code	1	O	ID	2/4
03	5	Airport Code	1	M	ID	3/5
04	4	Air Carrier Code	1	M	ID	3/3
05	5	Airport Code	1	M	ID	3/5
06	4	Air Carrier Code	1	X	ID	3/3
07	5	Airport Code	1	X	ID	3/5
08	4	Air Carrier Code	1	X	ID	3/3
09	5	Airport Code	1	X	ID	3/5
10	4	Air Carrier Code	1	X	ID	3/3
11	5	Airport Code	1	X	ID	3/5
12	4	Air Carrier Code	1	X	ID	3/3
13	5	Airport Code	1	X	ID	3/5

Syntax Notes

06	P0607
08	P0809
10	P1011
12	P1213

R11 - Beginning Segment for Trailer or Container Repair Billing

To indicate the start of the Trailer or Container Repair Billing Transaction Set and to identify the billing parties and associated information

TRANSACTION SETS USED IN
412

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	640	Transaction Type Code	1	M	ID	2/2
02	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
03	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
04	76	Invoice Number	1	M	AN	1/22
05	1108	Month of the Year Code	1	M/Z	ID	2/2
06	1095	Year	1	O/Z	N0	4/4
07	336	Terms Type Code	1	O	ID	2/2
08	193	Net Amount Due	1	O	N2	1/15

Semantic Notes

02 R1102 is the Standard Carrier Alpha Code of the billing party.
03 R1103 is the Standard Carrier Alpha Code of the receiving party.
05 R1105 is the billing month.
06 R1106 is the billing year.

R12 - Work Order Information

To provide summary information for workorder details for a specific piece of equipment

TRANSACTION SETS USED IN

412

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	354	Number of Line Items	1	M/Z	N0	1/6
02	206	Equipment Initial	1	M/Z	AN	1/4
03	207	Equipment Number	1	M/Z	AN	1/15
04	127	Reference Identification	1	M/Z	AN	1/80
05	373	Date	1	M/Z	DT	8/8
06	310	Location Identifier	1	O/Z	AN	1/30
07	322	Load/Empty Status Code	1	O	ID	1/1
08	206	Equipment Initial	1	X/Z	AN	1/4
09	207	Equipment Number	1	X/Z	AN	1/15
10	761	Equipment Number CheckDigit	1	O/Z	N0	1/1
11	761	Equipment Number CheckDigit	1	O/Z	N0	1/1
12	40	Equipment Description Code	1	M/Z	ID	2/2

Syntax Notes

08	P0809
11	C1109

Semantic Notes

01	R1201 is the total number of Line Item Repairs (R13's) included in the workorder.
02	R1202 is the equipment initial of the equipment serviced on the workorder.
03	R1203 is the equipment number of the equipment serviced on the workorder.
04	R1204 is the workorder number.
05	R1205 is the repair date.
06	R1206 is the location at which the workorder was performed. Standard Point Location Code is preferred.
08	R1208 is the equipment initial of the associated equipment.
09	R1209 is the equipment number of the associated equipment.
10	R1210 is the checkdigit for the equipment number in R1203.
11	R1211 is the checkdigit for the equipment number in R1209.
12	R1212 is the equipment type for the equipment identified in R1202 and R1203.

R13 - Line Item Repair

To provide line item details of the equipment repair

TRANSACTION SETS USED IN

412

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	M	AN	1/20
02	1271	Industry Code	1	M/Z	AN	1/30
03	1271	Industry Code	1	M/Z	AN	1/30
04	1271	Industry Code	1	M/Z	AN	1/30
05	1271	Industry Code	1	M/Z	AN	1/30
06	1271	Industry Code	1	M/Z	AN	1/30
07	355	Unit or Basis for Measurement Code	1	X	ID	2/2
08	380	Quantity	1	X/Z	R	1/15
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	352	Description	1	O/Z	AN	1/80
11	352	Description	1	O	AN	1/80
12	380	Quantity	1	O/Z	R	1/15
13	352	Description	1	O/Z	AN	1/80
14	352	Description	1	O	AN	1/80

Syntax Notes

07 P0708

Semantic Notes

02 R1302 is the trailer repair job code (See Code Source 711).

03 R1303 is the trailer repair condition code (See Code Source 711).

04 R1304 is the trailer repair why made code (See Code Source 711).

05 R1305 is the trailer repair responsibility code (See Code Source 711).

06 R1306 is the repair location on trailer (See Code Source 711).

08 R1308 is the quantity of repair items.

09 R1309 is used to indicate if the product is railroad material. If "Y", then it is railroad material. If "N", then it is not railroad material.

10 R1310 and R1311 further describe material used for line item repair.

12 R1312 is the total labor hours.

13 R1313 and R1314 further describe the reason for line item repair.

R2 - Route Information

To specify carrier and routing sequences and details

TRANSACTION SETS USED IN

304 310 312 404 410 417 421 422 423 426 453 456 470 858 859 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	133	Routing Sequence Code	1	M	ID	1/2
03	19	City Name	1	O/Z	AN	2/30
04	154	Standard Point Location Code	1	O	ID	6/9
05	177	Intermodal Service Code	1	O	ID	1/2
06	91	Transportation Method/Type Code	1	O	ID	1/2
07	296	Intermediate Switch Carrier Code	1	X	ID	2/4
08	296	Intermediate Switch Carrier Code	1	O	ID	2/4
09	76	Invoice Number	1	O	AN	1/22
10	373	Date	1	O/Z	DT	8/8
11	369	Free-form Description	1	O	AN	1/45
12	56	Type of Service Code	1	O	ID	2/2
13	742	Route Description	1	O	AN	1/35

Syntax Notes

08 C0807

Semantic Notes

03 R203 is the station or city name at which carriers interchange shipments.

10 R210 is the billing date.

R2A - Route Information with Preference

To specify the responsibilities and carrier preference

TRANSACTION SETS USED IN

300 301 304 310

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	133	Routing Sequence Code	1	M	ID	1/2
02	1431	Preference Code	1	M	ID	1/1
03	91	Transportation Method/Type Code	1	O	ID	1/2
04	140	Standard Carrier Alpha Code	1	O	ID	2/4
05	309	Location Qualifier	1	O/Z	ID	1/2
06	310	Location Identifier	1	X	AN	1/30
07	56	Type of Service Code	1	O	ID	2/2
08	1	Route Code	1	O	AN	1/13
09	742	Route Description	1	O	AN	1/35
10	98	Entity Identifier Code	1	O/Z	ID	2/3

Syntax Notes

05	C0506

Semantic Notes

05	R2A05 and R2A06 identify the origin point.
10	R2A10 identifies the party to receive the invoice for the route segment.

R2B - Junctions and Proportions

To identify routing and proportion detail for carriers participating in the route

TRANSACTION SETS USED IN

426 433 460 494

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	638	Rule 260 Junction Code	1	O	ID	1/5
03	610	Amount	1	O	N2	1/15

R2C - Division Basis

To identify the basis for divisions detail for carriers participating in the route

TRANSACTION SETS USED IN
426 460 494

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	666	Division Type Code	1	M	ID	1/1
02	122	Rate/Value Qualifier	1	O	ID	2/2
03	634	Factor Amount	1	O	R	1/15
04	554	Assigned Number	1	O/Z	N0	1/9

Semantic Notes

04 R2C04 is the column number of the division passed in R2C01.

R2D - Miscellaneous Charge

To identify miscellaneous charge detail for carriers participating in the route

TRANSACTION SETS USED IN

426

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	150	Special Charge or Allowance Code	1	M	ID	3/3
02	610	Amount	1	M	N2	1/15

R3 - Route Information - Motor

To specify carrier and routing sequences and details

TRANSACTION SETS USED IN

210 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	133	Routing Sequence Code	1	M	ID	1/2
03	19	City Name	1	O/Z	AN	2/30
04	91	Transportation Method/Type Code	1	O	ID	1/2
05	154	Standard Point Location Code	1	O	ID	6/9
06	76	Invoice Number	1	O	AN	1/22
07	373	Date	1	O/Z	DT	8/8
08	610	Amount	1	O/Z	N2	1/15
09	369	Free-form Description	1	O	AN	1/45
10	284	Service Level Code	1	X	ID	2/2
11	284	Service Level Code	1	X	ID	2/2
12	284	Service Level Code	1	O	ID	2/2

Syntax Notes

11	C1110
12	C1211

Semantic Notes

03	R303 is the station or city name at which carriers interchange shipments
07	R307 is the carrier's billing date.
08	R308 is the amount due the carrier.

R4 - Port or Terminal

Contractual or operational port or point relevant to the movement of the cargo

TRANSACTION SETS USED IN

109 215 272 300 301 304 309 310 311 312 315 322 323 324 325 326 355 362 511 715 754 810 856 858 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	115	Port or Terminal Function Code	1	M	ID	1/1
02	309	Location Qualifier	1	X	ID	1/2
03	310	Location Identifier	1	X	AN	1/30
04	114	Port Name	1	O	AN	2/24
05	26	Country Code	1	O	ID	2/3
06	174	Terminal Name	1	O	AN	2/30
07	113	Pier Number	1	O	AN	1/4
08	156	State or Province Code	1	O	ID	2/2

Syntax Notes

02 P0203

Comments

00 R4 is required for each port to be identified.

R9 - Route Code Identification

To specify the route using a single code

TRANSACTION SETS USED IN

128 404 410 417 426 460 475 494 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1	Route Code	1	M	AN	1/13
02	192	Agent/Shipper Routing Code	1	O	ID	1/1
03	177	Intermodal Service Code	1	O	ID	1/2
04	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
05	306	Action Code	1	X	ID	1/2
06	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1	Route Code	1	O/Z	AN	1/13

Syntax Notes

09 C0905

Semantic Notes

04 R904 is used to identify the Standard Carrier Alpha Code (SCAC) of the delivery switch carrier.

06 R906 is the route source.

07 If R907 is "Y", then this is a pricing (revenue) route. If "N", then this is an operating route.

08 If R908 is "Y", then this is a local move. If "N", then this is an interline move.

09 R909 is the new route code of the expired route code in R901. If used R905 must = "E"

RA - Rate Header

To indicate a route code and other codes which define the use of the RB and FK segments which follow

TRANSACTION SETS USED IN
485

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1	Route Code	1	M	AN	1/13
02	122	Rate/Value Qualifier	1	M/Z	ID	2/2
03	122	Rate/Value Qualifier	1	O/Z	ID	2/2
04	629	Alternation Precedence Code	1	O	ID	1/1
05	631	Number of Rates	1	O	N0	1/1
06	637	Unit Conversion Factor	1	O	N4	1/9
07	856	Rate Level Qualifier Code	1	X	ID	1/1
08	500	Rate Level	1	X	AN	1/5
09	373	Date	1	O/Z	DT	8/8
10	373	Date	1	O/Z	DT	8/8

Syntax Notes

07 P0708

Semantic Notes

02 RA02 qualifies the rate and factor.
03 RA03 qualifies the minima.
09 RA09 is the effective date of RA08.
10 RA10 is the expiration date of RA08.

Comments

01 RA01 is the origin Standard Carrier Alpha Code (SCAC) (four characters), destination SCAC (four characters), and a mutually defined route number (4 characters).
04 RA04 default is "L".

RAB - Rate or Minimum Qualifiers

To indicate codes qualifying rates and the minimums

TRANSACTION SETS USED IN
460 494

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	122	Rate/Value Qualifier	1	O/Z	ID	2/2
02	554	Assigned Number	1	O/Z	N0	1/9
03	629	Alternation Precedence Code	1	O	ID	1/1
04	122	Rate/Value Qualifier	1	X/Z	ID	2/2
05	630	Minimum/Weight Logic	1	O	AN	1/2
06	633	Loading Restriction	1	O	N1	1/7
07	633	Loading Restriction	1	O	N1	1/7
08	488	Percent, Integer Format	1	X/Z	N0	1/3
09	637	Unit Conversion Factor	1	O	N4	1/9
10	554	Assigned Number	1	O/Z	N0	1/9

Syntax Notes

05 L050408

Semantic Notes

01 RAB01 is the code qualifying the rate(s).
02 RAB02 is the column number for the rate or minimum qualifier.
04 RAB04 is the code qualifying the minimum value.
08 RAB08 is the percentage of a marked equipment capacity.
10 RAB10 is the column number for the base rate to which the excess applies.

RAP - Requirement, Attribute, and Proficiency

To identify requirements, attributes, and proficiencies of students and/or courses

TRANSACTION SETS USED IN

130 138

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1155	Educational Test or Requirement Code	1	M	ID	1/3
02	93	Name	1	O/Z	AN	1/60
03	93	Name	1	O/Z	AN	1/60
04	1413	Usage Indicator Code	1	O/Z	ID	1/1
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	1250	Date Time Period Format Qualifier	1	X	ID	2/3
07	1251	Date Time Period	1	X	AN	1/35

Syntax Notes

06 P0607

Semantic Notes

02 RAP02 indicates the major grouping or main category of requirement, attribute, or proficiency.

03 RAP03 indicates the lesser grouping of sub-category of requirement, attribute, or proficiency.

04 RAP04 indicates whether or not this occurrence of the segment is used to indicate satisfaction of requirement or proficiency, or to indicate the presence of an attribute.

05 RAP05 indicates whether or not the student or course meets the requirement, attribute or proficiency. A "Y" indicates that it was met; an "N" indicates that it was not met.

RAS - Reason Adjustment

To supply Claim Adjustment Reason Codes and amounts as needed for an entire claim or for a particular service within the claim being paid

TRANSACTION SETS USED IN

835 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	782	Monetary Amount	1	M/Z	R	1/18
02	1785	Claim Adjustment Group Code	1	M	AN	1/10
03	C058	Adjustment Reason	15	M/Z		
04	380	Quantity	1	O/Z	R	1/15

Semantic Notes

01 RAS01 is the amount of adjustment.

03 Position of data in the repeating composite data element conveys no significance.

04 RAS04 is the units of service being adjusted.

Comments

00 Adjustment information is intended to help the provider balance the remittance information. Adjustment amounts must fully explain the difference between submitted charges and the amount paid.

RC - Root Cause

To specify the specific part responsible for a customer complaint in a request for service of a product and/or to describe the particular failure mechanism in a failing part or assembly

TRANSACTION SETS USED IN

141 142 842

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	235	Product/Service ID Qualifier	1	X	ID	2/2
02	234	Product/Service ID	1	X/Z	AN	1/80
03	93	Name	1	O/Z	AN	1/60
04	559	Agency Qualifier Code	1	X/Z	ID	2/2
05	822	Source Subqualifier	1	O/Z	AN	1/15
06	1228	Causal Part Condition Code	1	X/Z	AN	1/3
07	352	Description	1	X	AN	1/80
08	933	Free-form Message Text	1	O/Z	AN	1/264
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

01	P0102
04	C0406
05	C0504
06	R0607

Semantic Notes

02	RC02 contains the part number of the assembly or part that is the fundamental cause of the customer complaint.
03	RC03 contains the name or identify code of the manufacturer that supplied the part.
04	RC04 identifies the source of the codes in RC05 and RC06.
05	RC05 refers to a specific table belonging to the agency specified by RC04.
06	RC06 or RC07 describes the condition of the part or assembly that is the root cause of the problem being reported or repaired.
08	RC08 can be used to describe a root cause condition. It may only be used in conjunction with either RC06 or RC07.
09	RC09 refers to whether a part was repaired or replaced. A "Y" indicates it was repaired; an "N" indicates it was replaced.

RCD - Receiving Conditions

To report receiving conditions and specify contested quantities

TRANSACTION SETS USED IN
527 536 844 849 861

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O/Z	AN	1/20
02	663	Quantity Units Received or Accepted	1	X	R	1/9
03	C001	Composite Unit of Measure	1	X		
04	664	Quantity Units Returned	1	X	R	1/9
05	C001	Composite Unit of Measure	1	X		
06	667	Quantity in Question	1	X	R	1/9
07	C001	Composite Unit of Measure	1	X		
08	412	Receiving Condition Code	1	X	ID	2/2
09	667	Quantity in Question	1	X	R	1/9
10	C001	Composite Unit of Measure	1	X		
11	412	Receiving Condition Code	1	X	ID	2/2
12	667	Quantity in Question	1	X	R	1/9
13	C001	Composite Unit of Measure	1	X		
14	412	Receiving Condition Code	1	X	ID	2/2
15	667	Quantity in Question	1	X	R	1/9
16	C001	Composite Unit of Measure	1	X		
17	412	Receiving Condition Code	1	X	ID	2/2
18	667	Quantity in Question	1	X	R	1/9
19	C001	Composite Unit of Measure	1	X		
20	412	Receiving Condition Code	1	X	ID	2/2
21	380	Quantity	1	O/Z	R	1/15

Syntax Notes

02	R020406
02	P0203
04	P0405
06	P060708
09	P091011
12	P121314
15	P151617
18	P181920

Semantic Notes

01	RCD01 is the receiving advice line item identification.
21	RCD21 is the cumulative quantity of goods received for a specific time period.

Comments

00 See the Data Element Dictionary for a complete list of receiving condition IDs.

06 RCD06 through RCD20 provide for five different quantities whose condition upon receipt is under question.

RCR - Reporting Criteria

To specify the criteria for reporting product activity and timing

TRANSACTION SETS USED IN

893

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	681	Timing Qualifier	1	M	ID	1/1
02	859	Activity Code	1	M	ID	2/2

RD - Rate Data

To indicate the through rate

TRANSACTION SETS USED IN
460 494

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M/Z	N0	1/9
02	632	Rate Application Type Code	1	M	ID	1/1
03	60	Freight Rate	1	M	R	1/15
04	259	Change Type Code	1	M	ID	1/1
05	100	Currency Code	1	M	ID	3/3

Semantic Notes

01 RD01 is the column number.

RDD - Route Description Detail

To identify routing detail for carriers participating in a route

TRANSACTION SETS USED IN
475

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	638	Rule 260 unction Code	1	O	ID	1/5
03	140	Standard Carrier Alpha Code	1	X	ID	2/4
04	638	Rule 260 unction Code	1	O	ID	1/5
05	554	Assigned Number	1	O	N0	1/9

Syntax Notes

04		C0403

RDI - Retail Account Demographic Information

To report demographic information regarding a retail account

TRANSACTION SETS USED IN
885

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	98	Entity Identifier Code	1	M	ID	2/3
02	26	Country Code	1	O/Z	ID	2/3
03	522	Amount Qualifier Code	1	X	ID	1/3
04	610	Amount	1	X	N2	1/15
05	352	Description	1	O	AN	1/80

Syntax Notes

03 P0304

Semantic Notes

02 RDI02 identifies the ethnicity of the entity identified in RDI01.

RDM - Remittance Delivery Method

To identify remittance delivery when remittance is separate from payment

TRANSACTION SETS USED IN

820 835

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	756	Report Transmission Code	1	M	ID	1/2
02	93	Name	1	O	AN	1/60
03	364	Communication Number	1	O	AN	1/2048
04	C040	Reference Identifier	1	O		
05	C040	Reference Identifier	1	O		

Comments

02 RDM02 is used to contain the name of a third party processor if needed, who would be the first recipient of the remittance.

03 RDM03 contains the operative communication number for the delivery method specified in RDM01 (i.e. fax phone number and mail address).

04 RDM04 and RDM05 allow for additional room to convey further routing information beyond what is given in RDM03.

RDR - Return Disposition Reason

To indicate the disposition of the item, the reason for return by the returnee, the response to the reason for return, and whether the item was used

TRANSACTION SETS USED IN
180

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1292	Returns Disposition Code	1	O	ID	2/2
02	1293	Return Request Reason Code	1	X	ID	2/2
03	1294	Return Response Reason Code	1	X	ID	2/2
04	352	Description	1	O	AN	1/80
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

02 E0203

Semantic Notes

05 RDR05 contains code "Y" if the item has been used and code "N" if the item has not been used.

RDT - Revision Date/Time

To specify the revision level of the electronic data item

TRANSACTION SETS USED IN

841

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	795	Revision Level Code	1	O	ID	1/1
02	796	Revision Value	1	X	AN	1/30
03	374	Date/Time Qualifier	1	O	ID	3/3
04	373	Date	1	X	DT	8/8
05	337	Time	1	X	TM	4/8
06	623	Time Code	1	O	ID	2/2

Syntax Notes

01	C0102
03	L030405
06	C0605

REA - Real Estate Property Information

To provide a description of real estate or general property information

TRANSACTION SETS USED IN
201 202 206 261 262 833 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C047	Composite Type of Real Estate Asset Code	1	M/Z		
02	380	Quantity	1	O/Z	R	1/15
03	373	Date	1	O/Z	DT	8/8
04	1078	Property Ownership Rights Code	1	O/Z	ID	1/1
05	373	Date	1	O/Z	DT	8/8
06	1075	Status of Plans for Real Estate Asset Code	1	O	ID	1/1
07	1250	Date Time Period Format Qualifier	1	X/Z	ID	2/3
08	1251	Date Time Period	1	X/Z	AN	1/35
09	C001	Composite Unit of Measure	1	X/Z		
10	380	Quantity	1	X/Z	R	1/15
11	309	Location Qualifier	1	O/Z	ID	1/2
12	127	Reference Identification	1	O/Z	AN	1/80
13	1070	Type of Residence Code	1	O	ID	1/1
14	1321	Condition Indicator Code	1	O/Z	ID	2/3

Syntax Notes

07 P0708
09 P0910

Semantic Notes

01 REA01 defines the type of real estate referenced.
02 REA02 is the number of living units.
03 REA03 is the date the property was acquired.
04 REA04 defines the property ownership (fee simple, leasehold).
05 REA05 is the leasehold expiration date.
07 REA07 defines the date format in REA08.
08 REA08 is the date the property was built.
09 REA09 is the unit of measure for property area.
10 REA10 is the value of the area measure.
11 REA11 further defines the location of the real estate asset defined in REA01.
12 REA12 is used to identify an internal control number.
14 REA14 defines the physical status of the property structure.

Comments

04 If REA04 is "L" (Leasehold) then REA05 is the leasehold expiration date.

REC - Real Estate Condition

To indicate the condition of real estate property and, if applicable, the actions needed to correct damage

TRANSACTION SETS USED IN
206 255 260 261 262 264

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	689	Occupancy Code	1	M/Z	ID	2/2
02	726	Real Estate Property Condition Code	1	X	ID	2/2
03	448	Property Damage Code	1	O/Z	ID	1/2
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
05	380	Quantity	1	O/Z	R	1/15
06	815	Property Inspection Qualifier	1	X	ID	2/2
07	306	Action Code	1	X	ID	1/2
08	673	Quantity Qualifier	1	X	ID	2/2
09	380	Quantity	1	X	R	1/15
10	C001	Composite Unit of Measure	1	X		
11	816	Occupancy Verification Code	1	O	ID	2/2
12	363	Note Reference Code	1	X	ID	3/3
13	3	Free-form Message	1	X	AN	1/60

Syntax Notes

06	C0602
08	P0809
08	L08060709101213
09	C0906
10	C1009
12	C1213

Semantic Notes

01	REC01 specifies the occupancy status of the real estate property.
03	REC03 indicates specified damage types such as fire, flood, earthquake, etc.
04	REC04 indicates whether there was other (nonsurchargeable) damage, i.e., damage which may not be added to the lender's claim for mortgage insurance benefits. A "Y" indicates there was other damage; an "N" indicates there was not.
05	REC05 indicates the number of living units.

RED - Related Data

To provide business data related to an item within a transaction to which a business application editing process has been applied, and an error condition has resulted

TRANSACTION SETS USED IN
824

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	352	Description	1	M/Z	AN	1/80
02	1609	Related Data Identification Code	1	X/Z	ID	2/3
03	559	Agency Qualifier Code	1	X/Z	ID	2/2
04	822	Source Subqualifier	1	O/Z	AN	1/15
05	1270	Code List Qualifier Code	1	X/Z	ID	1/3
06	1271	Industry Code	1	X/Z	AN	1/30

Syntax Notes

02	R0206
02	E0206
03	P030506
04	C0403

Semantic Notes

01	RED01 provides the related business data, whose nature is defined by the code in RED02 or RED06.
02	RED02 is an X12-defined code identifying the specific type of related data in RED01.
03	RED03 identifies the agency maintaining the code list identified in RED05.
04	RED04 provides further qualification of the agency identified in RED03.
05	RED05 identifies the code list containing the code indicated in RED06.
06	RED06 is an industry-defined code identifying the specific type of related data in RED01.

Comments

01	As an example of the use of the RED01 element, an application edit is applied to the Unit Price element within an Invoice (810) transaction set. The result of that edit indicates an invalid unit price. One piece of related business data would be the associated Product or Service Identification (data element #234). In this example, RED01 would be used to convey the associated Product or Service Identification.

REF - Reference Information

To specify identifying information

TRANSACTION SETS USED IN

100 101 102 103 105 111 120 121 124 130 131 132 133 135 138 140 141 142 143 144 146 147 148 149
151 153 157 159 170 175 176 179 185 186 187 188 189 191 194 195 196 197 198 199 200 201 202 203
205 206 213 242 245 248 249 251 252 255 256 259 260 261 262 263 264 265 266 267 268 269 270 271
272 273 274 275 276 277 278 280 283 284 285 288 300 309 355 358 359 362 404 412 414 417 418 421
431 500 501 503 504 511 521 527 540 561 568 601 620 625 650 715 754 805 806 810 811 813 814 816
818 819 820 821 823 824 826 827 828 829 830 832 833 834 835 836 837 839 840 841 842 843 844 845
846 847 848 849 850 853 855 856 858 859 860 861 862 863 864 865 866 867 869 870 872 873 874 880
881 888 890 891 892 893 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	M	ID	2/3
02	127	Reference Identification	1	X	AN	1/80
03	352	Description	1	X	AN	1/80
04	C040	Reference Identifier	1	O/Z		

Syntax Notes

02 R0203

Semantic Notes

04 REF04 contains data relating to the value cited in REF02.

REG - Regulatory Application

To describe what regulatory requirements are associated with the product.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1812	Regulatory Type	1	M	ID	2/2
02	26	Country Code	1	X/Z	ID	2/3
03	C069	Composite State or Province Code	1	X		
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

02 R0203

Semantic Notes

02 REG02 is recommended, if there is a possibility of confusion when declaring the State or Province code.

04 REG04 declares the relationship of REG01 with REG02 and REG03.

Comments

01 REG01 identifies the regulatory type, REG02 and REG03 identify where the regulation pertains, and REG04 confirms the applicability.

REL - Relationship

To specify relationship and birth order of entity

TRANSACTION SETS USED IN

148 186 273 834 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1069	Individual Relationship Code	1	M	ID	2/2
02	1470	Number	1	O/Z	N0	1/9

Semantic Notes

02 REL02 is an ordinal number indicating birth order.

REN - Rate Request Information

To specify primary identification data for request or information

TRANSACTION SETS USED IN
460 463 466 468 486 490 494

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	635	Rate Request/Response Code	1	M	ID	1/1
02	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
03	352	Description	1	X/Z	AN	1/80
04	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
05	635	Rate Request/Response Code	1	O	ID	1/1
06	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

02	P0203

Semantic Notes

02	REN02 is the entity assigning the number in REN03.
03	REN03 is the unique number identifying a price request or distribution.
04	REN04 is the Standard Carrier Alpha Code (SCAC) of the entity to which the price request is directed.
06	REN06 is the responding entity.
07	REN07 indicates if this is a test transmission. A "Y" indicates that it is a test transmission; an "N" indicates that it is a production transmission.

REP - Repair Action

To specify the action that was taken or is to be taken in response to a service request

TRANSACTION SETS USED IN
142 143

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O/Z	AN	1/20
02	235	Product/Service ID Qualifier	1	X	ID	2/2
03	234	Product/Service ID	1	X/Z	AN	1/80
04	235	Product/Service ID Qualifier	1	X	ID	2/2
05	234	Product/Service ID	1	X/Z	AN	1/80
06	559	Agency Qualifier Code	1	X/Z	ID	2/2
07	822	Source Subqualifier	1	O/Z	AN	1/15
08	1226	Repair Action Code	1	X/Z	AN	1/4
09	352	Description	1	O/Z	AN	1/80
10	559	Agency Qualifier Code	1	X/Z	ID	2/2
11	822	Source Subqualifier	1	O	AN	1/15
12	1227	Repair Complexity Code	1	X/Z	AN	1/3
13	235	Product/Service ID Qualifier	1	X	ID	2/2
14	234	Product/Service ID	1	X/Z	AN	1/80
15	1226	Repair Action Code	1	X/Z	AN	1/4
16	352	Description	1	X/Z	AN	1/80
17	559	Agency Qualifier Code	1	X/Z	ID	2/2
18	822	Source Subqualifier	1	O	AN	1/15
19	127	Reference Identification	1	X/Z	AN	1/80
20	553	Authorization Identification	1	O/Z	AN	1/4

Syntax Notes

02	P0203
04	P0405
05	C0503
06	C0608
07	C0706
10	C1012
11	C1110
13	P1314
14	L141516
15	P1514
17	C1719
18	C1817

Semantic Notes

01 REP01 is used by other segments to refer to this instance of the REP loop. It also could be used to identify an individual repair within a multiple-repair claim.

03 REP03 refers to the part or assembly.

05 REP05 may be used to further specify a part or assembly.

06 REP06 identifies the source of the code in REP08 and REP15.

07 REP07 specifies a particular table of codes maintained by the agency identified in REP06.

08 REP08 specifies the repair that took place or is to take place on the item referenced in REP03.

09 REP09 is used to allow free-form text for the description of a service action when a coded value is not adequate.

10 REP10 identifies the source for the code in REP12.

12 REP12 describes the total difficulty of completing this individual repair action.

14 REP14 refers to a replacement part or assembly.

15 REP15 specifies the service performed on the replacement part or assembly.

16 REP16 is used to allow free-form text for the description of a service action when a coded value is not adequate.

17 REP17 refers to the source of the code in REP19.

19 REP19 is used to refer to a specific location on the product being serviced.

20 REP20 can be used to provide a preauthorized repair action even though it is not a normal condition.

REQ - Request Information

To identify the requested limitations and the corresponding response actions of an inquiry

TRANSACTION SETS USED IN

155 838

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1397	Inquiry Response Code	1	O	ID	1/2
02	1398	Inquiry Selection Code	1	O	ID	1/2

RES - Real Estate Sales Price Change

To provide the type, source, and amount of real estate sales price changes

TRANSACTION SETS USED IN
201 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1706	Real Estate Sales Price Change Code	1	M	ID	1/1
02	1091	Source of Funds Code	1	O	ID	1/1
03	1083	Type of Funds Code	1	X/Z	ID	2/2
04	782	Monetary Amount	1	O/Z	R	1/18
05	352	Description	1	O/Z	AN	1/80
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	373	Date	1	O/Z	DT	8/8

Syntax Notes

06	C0603

Semantic Notes

03	If RES03 is "58 - Other", then RES05 is required.
04	RES04 is the amount of the Real Estate Sales Price Change.
05	RES05 is a free-form description of the Real Estate Sales Price Change Type of Funds.
06	RES06 indicates if the Real Estate Sales Price Change funds are pledged. A "Y" indicates that the funds are pledged, an "N" indicates that the funds are not pledged.
06	If RES06 is "Y - Yes" then RES07 is required.
07	RES07 is the release date of the pledged funds.

RET - Real Estate Transaction

Provides information related to current or historical real estate transactions such as multiple listings, sales and loans

TRANSACTION SETS USED IN

262

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1201	Information Status Code	1	O	ID	1/1
02	640	Transaction Type Code	1	O	ID	2/2
03	546	Status Code	1	O	ID	2/2
04	1075	Status of Plans for Real Estate Asset Code	1	O	ID	1/1
05	1166	Contract Type Code	1	O	ID	2/2

RIC - Financial Return

To transmit information about the item being returned

TRANSACTION SETS USED IN
827

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	591	Payment Method Code	1	M/Z	ID	3/3
02	1270	Code List Qualifier Code	1	M/Z	ID	1/3
03	1271	Industry Code	1	M/Z	AN	1/30
04	782	Monetary Amount	1	M	R	1/18
05	478	Credit/Debit Flag Code	1	M	ID	1/1
06	508	Account Number	1	X/Z	AN	1/35
07	569	Account Number Qualifier	1	O/Z	ID	1/3
08	506	(DFI) ID Number Qualifier	1	X	ID	2/2
09	507	(DFI) Identification Number	1	X/Z	AN	3/12
10	508	Account Number	1	X/Z	AN	1/35
11	569	Account Number Qualifier	1	O	ID	1/3
12	506	(DFI) ID Number Qualifier	1	X	ID	2/2
13	507	(DFI) Identification Number	1	X/Z	AN	3/12
14	508	Account Number	1	X/Z	AN	1/35
15	569	Account Number Qualifier	1	O	ID	1/3
16	506	(DFI) ID Number Qualifier	1	X	ID	2/2
17	507	(DFI) Identification Number	1	X	AN	3/12
18	373	Date	1	O/Z	DT	8/8

Syntax Notes

07	C0706
08	P0809
11	C1110
12	P1213
15	C1514
16	P1617

Semantic Notes

01	RIC01 indicates the type of return, i.e., ACH, wire, credit card, etc.
02	RIC02 indicates the source of the return reason code in RIC03.
03	RIC03 contains the return reason code.
06	RIC06 contains the account number used for settlement of the return.
07	RIC07 is the code indicating the type of bank account or other financial asset.
09	RIC09 contains the originator of the return's DFI ID (the DFI that received the original transaction).
10	RIC10 contains the account number to where the original transaction had been sent.

13 RIC13 contains the receiver of the return's DFI ID (the DFI that is receiving the return, the entity that originally created the transaction that is being returned).

14 RIC14 contains the account number from which the original transaction had been originated that is now being returned to.

18 RIC18 contains the settlement date of the return.

RLD - Down Payment Data

To provide amount or nature of loan down payment

TRANSACTION SETS USED IN

202

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1083	Type of Funds Code	1	O/Z	ID	2/2
02	782	Monetary Amount	1	X/Z	R	1/18
03	352	Description	1	O/Z	AN	1/80
04	522	Amount Qualifier Code	1	O/Z	ID	1/3

Syntax Notes

04 C0402

Semantic Notes

01 RLD01 defines the type of down payment.

02 RLD02 is the amount of the down payment in dollars, unless qualified by RLD04.

03 RLD03 is the source of the down payment.

04 RLD04 is the type of funding, either closing costs or secondary financing.

RLT - Real Estate Loan Type

Used to identify the agency case number, loan number, real estate loan type, pool type and amortization terms

TRANSACTION SETS USED IN

203 206

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	M	ID	2/3
02	127	Reference Identification	1	M	AN	1/80
03	128	Reference Identification Qualifier	1	X	ID	2/3
04	127	Reference Identification	1	X	AN	1/80
05	1093	Real Estate Loan Type Code	1	O/Z	ID	1/1
06	1085	Loan Payment Type Code	1	O/Z	ID	2/2
07	673	Quantity Qualifier	1	X	ID	2/2
08	380	Quantity	1	X	R	1/15
09	C001	Composite Unit of Measure	1	X		
10	128	Reference Identification Qualifier	1	X	ID	2/3
11	127	Reference Identification	1	O	AN	1/80
12	1193	Program Type Code	1	O/Z	ID	2/2

Syntax Notes

03	P0304
07	P070809
11	C1110

Semantic Notes

05	RLT05 identifies the real estate loan type.
06	RLT06 identifies the product type.
12	RLT12 identifies the pool type.

RMR - Remittance Advice Accounts Receivable Open Item Reference

To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail

TRANSACTION SETS USED IN
820 823

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	X	ID	2/3
02	127	Reference Identification	1	X	AN	1/80
03	482	Payment Action Code	1	O/Z	ID	2/2
04	782	Monetary Amount	1	O/Z	R	1/18
05	782	Monetary Amount	1	O/Z	R	1/18
06	782	Monetary Amount	1	O/Z	R	1/18
07	426	Adjustment Reason Code	1	X	ID	2/2
08	782	Monetary Amount	1	X/Z	R	1/18

Syntax Notes

01	P0102
07	P0708

Semantic Notes

03	If RMR03 is present, it specifies how the cash is to be applied.
04	RMR04 is the amount paid.
05	RMR05 is the amount of invoice (including charges, less allowance) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items.
06	RMR06 is the amount of discount taken.
08	RMR08, if present, represents an interest penalty payment, amount late interest paid, or amount anticipation.

Comments

01	Parties using this segment should agree on the content of RMR01 and RMR02 prior to initiating communication.
03	If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present.
05	RMR05 may be needed by some payees to distinguish between duplicate reference numbers.

RMT - Remittance Advice

To indicate the detail on items

TRANSACTION SETS USED IN

110

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	M	ID	2/3
02	127	Reference Identification	1	M	AN	1/80
03	782	Monetary Amount	1	O	R	1/18
04	782	Monetary Amount	1	O/Z	R	1/18
05	782	Monetary Amount	1	O/Z	R	1/18
06	782	Monetary Amount	1	O/Z	R	1/18
07	782	Monetary Amount	1	O/Z	R	1/18
08	782	Monetary Amount	1	O/Z	R	1/18
09	426	Adjustment Reason Code	1	O	ID	2/2
10	352	Description	1	O	AN	1/80

Semantic Notes

04 RMT04 is the amount of invoice (including charges, less allowances) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items.

05 RMT05 is the amount upon which the terms discount amount is calculated.

06 RMT06 is the amount of invoice due if paid by terms discount due date (total invoice amount less terms discount amount).

07 RMT07 is the amount of discount taken which may be less than or equal to the amount of discount permitted.

08 RMT08 is any amount being deducted from or added to a particular invoice or line item for reasons other than payment discount (e.g., damaged goods, short shipment, tax, penalty, or late charge payment).

Comments

01 Parties using this segment should agree on the content of RMT01 and RMT02 prior to initiating transaction communication.

03 RMT03 may also be used to specify the amount paid when different from the amount invoiced.

RO - Public Record or Obligation

To provide details of public records or obligations

TRANSACTION SETS USED IN

200

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1185	Public Record or Obligation Code	1	M	ID	2/2
02	611	Disposition Status Code	1	O	ID	2/2
03	127	Reference Identification	1	O/Z	AN	1/80
04	522	Amount Qualifier Code	1	X	ID	1/3
05	782	Monetary Amount	1	X/Z	R	1/18
06	122	Rate/Value Qualifier	1	X	ID	2/2
07	128	Reference Identification Qualifier	1	X	ID	2/3
08	127	Reference Identification	1	X	AN	1/80
09	1187	Type of Account Code	1	O	ID	2/2

Syntax Notes

04	P0405
05	C0506
07	P0708

Semantic Notes

03	RO03 is used as an internal control number for tracking purposes.
05	RO05 is the amount of any legal obligation debts.

RP - Retirement Product

To specify the retirement product characteristics

TRANSACTION SETS USED IN

834

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	875	Maintenance Type Code	1	M	ID	3/3
02	1205	Insurance Line Code	1	O	ID	2/3
03	1203	Maintenance Reason Code	1	O	ID	2/3
04	352	Description	1	O	AN	1/80
05	1295	Participant Status Code	1	O	ID	1/2
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	1296	Special Processing Type	1	O	AN	1/6
08	151	Authority	1	O/Z	AN	1/20
09	1204	Plan Coverage Description	1	O	AN	1/50

Semantic Notes

06 RP06 is the eligibility indicator. A "Y" value indicates the participant is eligible for plan allocations; an "N" value indicates the participant is not eligible for plan allocations.

08 RP08 specifies the authorizations granted for transfer of funds via the telephone.

RPA - Rate Amounts or Percents

To identify rate amounts or percents for a specific cost or other line item

TRANSACTION SETS USED IN

111 196 256 267 268 273 650 806 820 839

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	562	Rate or Value Type Code	1	M	ID	1/2
02	782	Monetary Amount	1	X	R	1/18
03	118	Rate	1	X	R	1/9
04	C001	Composite Unit of Measure	1	O		
05	954	Percentage as Decimal	1	X	R	1/10

Syntax Notes

02		R020305

RQS - Request for Information

To identify a question and a reply

TRANSACTION SETS USED IN

138 189

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	X	ID	1/3
02	1271	Industry Code	1	X/Z	AN	1/30
03	352	Description	1	X/Z	AN	1/80
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
05	352	Description	1	O/Z	AN	1/80

Syntax Notes

01 P0102

02 R0203

Semantic Notes

02 RQS02 contains the codes for questions commonly asked of students on admission applications.

03 RQS03 contains a free-form question when the codified questions are not adequate.

04 RQS04 defines the answer to a question. A "Y" indicates that the answer is yes; an "N" indicates that the answer is no.

05 RQS05 is the free-form answer to either the codified or free-form question.

RRA - Required Response

To indicate information that is required to be included in the response

TRANSACTION SETS USED IN

840

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	701	Information Type Code	1	M	ID	2/2
02	127	Reference Identification	1	O/Z	AN	1/80

Semantic Notes

02 Use RRA02 only to specify applicable regulatory or contractual clause.

RRE - Contract Related Error Reporting

To specify rejection information

TRANSACTION SETS USED IN

561

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	901	Reject Reason Code	1	X	ID	2/2
02	352	Description	1	X	AN	1/80

Syntax Notes

01	R0102

RS - Rate Subset

To indicate effective or expiration dates for rates and divisions

TRANSACTION SETS USED IN
460

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M/Z	N0	1/9
02	1470	Number	1	M/Z	N0	1/9
03	856	Rate Level Qualifier Code	1	O	ID	1/1
04	500	Rate Level	1	X	AN	1/5
05	373	Date	1	O/Z	DT	8/8
06	373	Date	1	O/Z	DT	8/8

Syntax Notes

03 C0304

Semantic Notes

01 RS01 is the subset sequence number.
02 RS02 is the number of rates.
05 RS05 is the effective date of the subset.
06 RS06 is the expiration date of the subset.

RSC - Resource

To identify resource details for tasks or activities

TRANSACTION SETS USED IN

806

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1180	Resource Code (or Identifier)	1	M	AN	1/20
02	352	Description	1	O	AN	1/80
03	1181	Resource Type Code	1	O	ID	2/2
04	306	Action Code	1	O	ID	1/2

RSD - Residency Information

To provide information for establishing residency within a state for tuition purposes

TRANSACTION SETS USED IN

189

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	X	ID	1/3
02	1271	Industry Code	1	X/Z	AN	1/30
03	1069	Individual Relationship Code	1	O/Z	ID	2/2

Syntax Notes

01 P0102

Semantic Notes

02 RSD02 is a code that indicates the type of residency question being asked of the student.

03 RSD03 indicates the relationship to the student of the individual upon which this residency type is based.

RST - Carrier Restriction

To transmit the carrier's service restrictions

TRANSACTION SETS USED IN

217

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	281	Carrier Restriction Code	1	X	AN	1/10
02	352	Description	1	X	AN	1/80

Syntax Notes

01	E0102

RT - Rate Destination

To provide destination information

TRANSACTION SETS USED IN

129

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	122	Rate/Value Qualifier	1	M	ID	2/2
02	154	Standard Point Location Code	1	O	ID	6/9
03	838	Dealer Code	1	O	AN	2/9
04	1062	Vehicle Service Code	1	O	ID	2/4
05	295	Distance Qualifier	1	X	ID	1/1
06	294	Tariff Distance	1	X/Z	N0	1/5
07	1244	National Motor Freight Transportation Association Location Name	1	O	AN	2/27
08	156	State or Province Code	1	O	ID	2/2
09	93	Name	1	O	AN	1/60
10	166	Address Information	1	O	AN	1/55
11	67	Identification Code	1	X	AN	2/80
12	66	Identification Code Qualifier	1	X	ID	1/2

Syntax Notes

05 P0506

11 P1112

Semantic Notes

06 RT06 is required if the rate is for motor carrier shipment.

RT1 - Rate Detail

To provide rate details

TRANSACTION SETS USED IN
129

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	91	Transportation Method/Type Code	1	M	ID	1/2
02	837	Vehicle Type Code	1	M	ID	1/1
03	60	Freight Rate	1	M	R	1/15
04	377	Rounding Rule Code	1	O	ID	1/1
05	1245	Vehicle Identification Number (VIN) Plant Code	1	O	ID	1/1
06	40	Equipment Description Code	1	O	ID	2/2
07	169	Tariff Item Number	1	O	AN	1/16
08	1246	Special Rate Code	1	O	ID	1/2

RTE - Rate Information

To specify the earnings, rates and multipliers for this account

TRANSACTION SETS USED IN
568 821 822

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1387	Rate Qualifier Code	1	M	ID	1/2
02	953	Interest Rate	1	M	R	1/6
03	782	Monetary Amount	1	O/Z	R	1/18
04	1470	Number	1	O/Z	N0	1/9
05	1470	Number	1	O/Z	N0	1/9

Semantic Notes

03 RTE03 is the analysis month net collected amount per $1.00 service charge, net of reserves.

04 RTE04 is the number of days in the analysis month used in the application of the rate information.

05 RTE05 is the number of days in the analysis year used in the application of the rate information.

RTT - Freight Rate Information

To transmit a rate

TRANSACTION SETS USED IN

106 204

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	122	Rate/Value Qualifier	1	M	ID	2/2
02	60	Freight Rate	1	M	R	1/15

RU1 - Retirement Board Detail

To communicate information (from the United States Railroad Retirement Board to the employing carrier) pertinent to the processing of retirement claims

TRANSACTION SETS USED IN
429

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	535	Rail Retirement Activity Code	1	M/Z	ID	1/1
02	127	Reference Identification	1	M/Z	AN	1/80
03	93	Name	1	M	AN	1/60
04	127	Reference Identification	1	O/Z	AN	1/80
05	373	Date	1	O/Z	DT	8/8
06	537	Employment Code	1	O	ID	1/1
07	545	Unemployed Reason Code	1	O	ID	1/1
08	373	Date	1	O/Z	DT	8/8
09	574	Claim Profile	1	O	AN	14/14

Semantic Notes

01	If RU101 is code "A", then RU105 and RU107 are required. If RU101 is code "C", then RU105, RU106, RU107, RU108, and RU109 are required.
02	RU102 must be a nine-position social security number.
04	RU104 will contain the employee's identifying number assigned by the employing carrier.
05	RU105 is the date the employee last worked (from Retirement Board Records). If RU105 is "S" then RU108 and RU109 are required.
08	RU108 is the beginning date for the claim.

RU2 - Employing Carrier Response

To communicate information (from the employing carrier to the United States Railroad Retirement Board) pertinent to the processing of retirement claims

TRANSACTION SETS USED IN
429

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	535	Rail Retirement Activity Code	1	M	ID	1/1
02	127	Reference Identification	1	M/Z	AN	1/80
03	373	Date	1	X	DT	8/8
04	584	Employment Status Code	1	X	ID	2/2
05	610	Amount	1	O	N2	1/15
06	594	Frequency Code	1	X	ID	1/1
07	373	Date	1	X	DT	8/8
08	373	Date	1	X	DT	8/8

Syntax Notes

03	P0304
05	C05060708

Semantic Notes

02	RU202 must be a nine-position social security number.

Comments

01	RU201 may only contain the following codes: "B", "D", or "T". When RU201 is code "B", then RU205 contains the guarantee amount, RU207 contains the guarantee begin date, and RU208 contains the guarantee end date.
03	RU203 contains the effective date of the status code indicated in RU204.

RU3 - Employing Carrier Claim Profile

To communicate employing carrier response to a sickness or unemployment claim

TRANSACTION SETS USED IN
429

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M/Z	DT	8/8
02	585	Payroll Status Code	1	X	ID	2/2
03	590	Wages Paid Code	1	X	ID	1/1
04	585	Payroll Status Code	1	X	ID	2/2
05	590	Wages Paid Code	1	X	ID	1/1
06	585	Payroll Status Code	1	X	ID	2/2
07	590	Wages Paid Code	1	X	ID	1/1
08	585	Payroll Status Code	1	X	ID	2/2
09	590	Wages Paid Code	1	X	ID	1/1
10	585	Payroll Status Code	1	X	ID	2/2
11	590	Wages Paid Code	1	X	ID	1/1
12	585	Payroll Status Code	1	X	ID	2/2
13	590	Wages Paid Code	1	X	ID	1/1
14	585	Payroll Status Code	1	X	ID	2/2
15	590	Wages Paid Code	1	X	ID	1/1
16	585	Payroll Status Code	1	X	ID	2/2
17	590	Wages Paid Code	1	X	ID	1/1
18	585	Payroll Status Code	1	X	ID	2/2
19	590	Wages Paid Code	1	X	ID	1/1
20	585	Payroll Status Code	1	X	ID	2/2
21	590	Wages Paid Code	1	X	ID	1/1
22	585	Payroll Status Code	1	X	ID	2/2
23	590	Wages Paid Code	1	X	ID	1/1
24	585	Payroll Status Code	1	X	ID	2/2
25	590	Wages Paid Code	1	X	ID	1/1
26	585	Payroll Status Code	1	X	ID	2/2
27	590	Wages Paid Code	1	X	ID	1/1
28	585	Payroll Status Code	1	X	ID	2/2
29	590	Wages Paid Code	1	X	ID	1/1

Syntax Notes

02	P0203
04	P0405
06	P0607
08	P0809
10	P1011

12 P1213
14 P1415
16 P1617
18 P1819
20 P2021
22 P2223
24 P2425
26 P2627
28 P2829

Semantic Notes

01 RU301 is the beginning date of the claim information corresponding to the original notification from the Railroad Retirement Board.

Comments

02 RU302 through RU329 provide fourteen pairs of data elements 585 and 590. The repetitive occurrence of these data elements denotes the day-to-day payroll status of the employee for the claim period.

RYL - Royalty Payment

To specify remittance information about royalty payments

TRANSACTION SETS USED IN

820

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M/Z	N0	1/9
02	1035	Name Last or Organization Name	1	O/Z	AN	1/80
03	66	Identification Code Qualifier	1	X	ID	1/2
04	67	Identification Code	1	X	AN	2/80

Syntax Notes

03 P0304

Semantic Notes

01 RYL01 is a unique identifier of a specific occurrence of the RYL loop.

02 RYL02, RYL03, and RYL04 identify the legal entity paying the royalty.

Comments

00 This segment is used to group the data for the payer of a royalty.

S1 - Stop-off Name

To identify a stop-off party

TRANSACTION SETS USED IN
404 410 417 421 426 456

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	165	Stop Sequence Number	1	M	N0	1/3
02	93	Name	1	M	AN	1/60
03	66	Identification Code Qualifier	1	X	ID	1/2
04	67	Identification Code	1	X	AN	2/80
05	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
06	190	Accomplish Code	1	M	ID	1/1

Syntax Notes

03 P0304

Semantic Notes

05 S105 will contain the railroad initial responsible for this stop.

S2 - Stop-off Address

To specify the address of the stop-off party

TRANSACTION SETS USED IN
404 410 417

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	165	Stop Sequence Number	1	M	N0	1/3
02	166	Address Information	1	M	AN	1/55
03	166	Address Information	1	O	AN	1/55

Comments

01 S201 contains the same stop sequence number used on a corresponding S1 Segment.

S3A - Assurance Header Level 1

To allow for multiple assurances at the GS\GE level

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1621	Security Version/Release Identifier Code	1	M	ID	6/6
02	1432	Business Purpose of Assurance Code	1	M	ID	3/3
03	C034	Computation Methods	1	M		
04	1434	Domain of Computation of Assurance Code	1	M	ID	1/2
05	1435	Assurance Originator	1	O	AN	1/64
06	1436	Assurance Recipient	1	O	AN	1/64
07	1443	Assurance Reference Number	1	O	AN	1/35
08	1437	Date Time Stamp	1	O	AN	17/25
09	1438	Assurance Text	1	O	AN	1/64
10	C050	Certificate Look-up Information	1	O		
11	C028	Assurance Token Parameters	1	O		

Comments

05	X9 has a required minimum length of four characters for S3A05 (assurance originator). No mechanism, or registration method, is provided by X9 or X12 to guarantee uniqueness of the identifier.
06	X9 has a required minimum length of four characters for S3A06 (assurance recipient). No mechanism, or registration method, is provided by X9 or X12 to guarantee uniqueness of the identifier.
08	The date/time stamp may determine which of several key values apply, depending on start and expiration date of different key values that may share the same keyname.
11	Key distribution is performed by other means and thus only onetime keys are allowed in S3A11.
11	The use of particular codes and corresponding values in S3A11 is dependent on the exigencies of the various cryptographic algorithms.

S3E - Security Trailer Level 1

To end a secured area and to provide the value of cryptographically computed authentication codes

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	997	Hash or Authentication Code	1	M	AN	1/64

S3S - Security Header Level 1

To initiate the beginning of a secured area and to provide the parameters needed for authentication or encryption of a functional group

CONTROL SEGMENT

TRANSACTION SETS USED IN
None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1621	Security Version/Release Identifier Code	1	M	ID	6/6
02	990	Security Type Code	1	M/Z	ID	2/2
03	824	Security Originator Name	1	M	AN	1/64
04	825	Security Recipient Name	1	O	AN	1/64
05	991	Authentication Key Name	1	X	AN	1/64
06	992	Authentication Service Code	1	X	ID	1/1
07	C050	Certificate Look-up Information	1	O		
08	C031	Encryption Key Information	1	X		
09	C032	Encryption Service Information	1	X		
10	995	Length of Data	1	X	N	1/18
11	1700	Transformed Data	1	X/Z	B	1/9999999999999999

Syntax Notes

05	P0506
08	P08091011

Semantic Notes

02	If S3S02 is "AA", "BB", "AC", or "BC", then S3S05 is required.
02	If S3S02 is "BB", "EE", "AC", or "EC", then S3S08 is required.
02	If S3S02 is "CC" then S3S09 is required.
11	The first set of characters in DE 1700, with a length defined by the C03208 value (DE 1704), is the initialization vector (IV). The IV is followed by a stream of data, whose length is equal to S3S10 minus C03208.

Comments

03	X9 has a required minimum length of four characters for S3S03 (security originator). No mechanism, or registration method, is provided by X9 or X12 to guarantee uniqueness of the identifier.
04	X9 has a required minimum length of four characters for S3S04 (security recipient). No mechanism, or registration method, is provided by X9 or X12 to guarantee uniqueness of the identifier.
05	In S3S05, the special name "01234567890ABCDEF" is reserved for the hexadecimal value 01234567890ABCDEF (i.e., a fixed, non-secret value) to provide a well-known value for data-integrity testing only.

S4A - Assurance Header Level 2

To allow for multiple assurances at the ST/SE level

CONTROL SEGMENT

TRANSACTION SETS USED IN

993

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1621	Security Version/Release Identifier Code	1	M	ID	6/6
02	1432	Business Purpose of Assurance Code	1	M	ID	3/3
03	C034	Computation Methods	1	M		
04	1434	Domain of Computation of Assurance Code	1	M	ID	1/2
05	1435	Assurance Originator	1	O	AN	1/64
06	1436	Assurance Recipient	1	O	AN	1/64
07	1443	Assurance Reference Number	1	O	AN	1/35
08	1437	Date Time Stamp	1	O	AN	17/25
09	1438	Assurance Text	1	O	AN	1/64
10	C050	Certificate Look-up Information	1	O		
11	C028	Assurance Token Parameters	1	O		

Comments

05	X9 has required minimum length of four characters for S4A05 (assurance originator). No mechanism, or registration method, is provided by X9 or X12 to guarantee uniqueness of the identifier.
06	X9 has a required minimum length of four characters for S4A06 (assurance recipient). No mechanism, or registration method, is provided by X9 or X12 to guarantee uniqueness of identifier.
08	The date/time stamp may determine which of several key values apply, depending on start and expiration dates of different key values that may share the same keyname.
11	Key distribution is performed by other means and thus only onetime keys are allowed in S4A11.
11	The use of particular codes and corresponding values in S4A11 is dependent on the exigencies of the various cryptographic algorithms.

S4E - Security Trailer Level 2

To end a secured area and to provide the value of cryptographically computed authentication codes

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	997	Hash or Authentication Code	1	M	AN	1/64

S4S - Security Header Level 2

To initiate the beginning of a secured area and to provide the parameters needed for authentication or encryption of a transaction set

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1621	Security Version/Release Identifier Code	1	M	ID	6/6
02	990	Security Type Code	1	M/Z	ID	2/2
03	824	Security Originator Name	1	M	AN	1/64
04	825	Security Recipient Name	1	O	AN	1/64
05	991	Authentication Key Name	1	X	AN	1/64
06	992	Authentication Service Code	1	X	ID	1/1
07	C050	Certificate Look-up Information	1	O		
08	C031	Encryption Key Information	1	X		
09	C032	Encryption Service Information	1	X		
10	995	Length of Data	1	X	N	1/18
11	1700	Transformed Data	1	X/Z	B	1/9999999999999999

Syntax Notes

05	P0506
08	P08091011

Semantic Notes

02	If S4S02 is "AA", "BB", "AC", or "BC", then S4S05 is required.
02	If S4S02 is "BB", "EE", "AC", or "EC", then S4S08 is required.
02	If S4S02 is "CC" then S4S09 is required.
11	The first set of characters in DE 1700, with a length defined by the C03208 value (DE 1704), is the initialization vector (IV). The IV is followed by a stream of data, whose length is equal to S4S10 minus C03208.

Comments

03	X9 has a required minimum length of four characters for S4S03 (security originator). No mechanism, or registration method, is provided by X9 or X12 to guarantee uniqueness of the identifier.
04	X9 has a required minimum length of four characters for S4S04 (security recipient). No mechanism, or registration method, is provided by X9 or X12 to guarantee uniqueness of the identifier.
05	In S4S05, the special name "01234567890ABCDEF" is reserved for the hexadecimal value 01234567890ABCDEF (i.e., a fixed, non-secret value) to provide a well-known value for data-integrity testing only.

S5 - Stop-off Details

To specify stop-off detail reference numbers and stop reason

TRANSACTION SETS USED IN

163 204 210 219 220 222 754 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	165	Stop Sequence Number	1	M	N0	1/3
02	163	Stop Reason Code	1	M	ID	2/2
03	81	Weight	1	X	R	1/10
04	188	Weight Unit Code	1	X	ID	1/1
05	382	Number of Units Shipped	1	X	R	1/10
06	355	Unit or Basis for Measurement Code	1	X	ID	2/2
07	183	Volume	1	X	R	1/8
08	184	Volume Unit Qualifier	1	X	ID	1/1
09	352	Description	1	O/Z	AN	1/80
10	154	Standard Point Location Code	1	O	ID	6/9
11	190	Accomplish Code	1	O	ID	1/1

Syntax Notes

03	P0304
05	P0506
07	P0708

Semantic Notes

09 S509 is the stop reason description.

S9 - Stop-off Station

To specify location details for a stop-off

TRANSACTION SETS USED IN

404 410 417 421 426 456

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	165	Stop Sequence Number	1	M	N0	1/3
02	154	Standard Point Location Code	1	O	ID	6/9
03	19	City Name	1	M	AN	2/30
04	156	State or Province Code	1	M	ID	2/2
05	26	Country Code	1	O	ID	2/3
06	163	Stop Reason Code	1	M	ID	2/2
07	309	Location Qualifier	1	X	ID	1/2
08	310	Location Identifier	1	X	AN	1/30

Syntax Notes

07 P0708

Comments

01 S901 contains the same number used on a corresponding S1 Segment.

SA - Status Action

To identify a carrier and person taking action or making changes

TRANSACTION SETS USED IN
460 485 486 494

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M/Z	DT	8/8
02	306	Action Code	1	M	ID	1/2
03	140	Standard Carrier Alpha Code	1	M	ID	2/4
04	93	Name	1	O	AN	1/60
05	373	Date	1	O/Z	DT	8/8

Semantic Notes

01 SA01 is the activity date.

05 SA05 is the proposal response required date.

Comments

03 SA03 and SA04 identify the party taking the action indicated in SA02.

SAC - Service, Promotion, Allowance, or Charge Information

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

TRANSACTION SETS USED IN

124 180 304 810 812 820 823 830 832 840 843 846 847 850 852 855 856 857 860 861 865 870 879 890 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	248	Allowance or Charge Indicator Code	1	M/Z	ID	1/1
02	1300	Service, Promotion, Allowance, or Charge Code	1	X	ID	4/4
03	559	Agency Qualifier Code	1	X	ID	2/2
04	1301	Agency Service, Promotion, Allowance, or Charge Code	1	X	AN	1/10
05	610	Amount	1	O/Z	N2	1/15
06	378	Allowance/Charge Percent Qualifier	1	X	ID	1/1
07	332	Percent, Decimal Format	1	X	R	1/6
08	118	Rate	1	O/Z	R	1/9
09	355	Unit or Basis for Measurement Code	1	X	ID	2/2
10	380	Quantity	1	X/Z	R	1/15
11	380	Quantity	1	O	R	1/15
12	331	Allowance or Charge Method of Handling Code	1	O	ID	2/2
13	127	Reference Identification	1	X/Z	AN	1/80
14	770	Option Number	1	O/Z	AN	1/20
15	352	Description	1	X	AN	1/80
16	819	Language Code	1	O/Z	ID	2/3

Syntax Notes

02	R0203
03	P0304
06	P0607
09	P0910
11	C1110
14	C1413
16	C1615

Semantic Notes

01	If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
05	SAC05 is the total amount for the service, promotion, allowance, or charge.
05	If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
08	SAC08 is the allowance or charge rate per unit.

10 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.

10 SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.

13 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.

14 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

16 SAC16 is used to identify the language being used in SAC15.

Comments

04 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.

10 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

SAD - Student Award Detail

To provide detail concerning a student award

TRANSACTION SETS USED IN

135

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	641	Status Reason Code	1	O	ID	3/3
02	953	Interest Rate	1	O	R	1/6
03	1086	Loan Rate Type Code	1	O	ID	1/1
04	107	Payment Method Type Code	1	O	ID	1/2
05	380	Quantity	1	O/Z	R	1/15
06	1270	Code List Qualifier Code	1	X	ID	1/3
07	1271	Industry Code	1	X/Z	AN	1/30

Syntax Notes

06 P0607

Semantic Notes

05 SAD05 is the disbursement number.

07 SAD07 is the disbursement status.

SAL - Salary Information

To specify details of commission salary information

TRANSACTION SETS USED IN

818

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	610	Amount	1	O/Z	N2	1/15
03	543	Labor Rate	1	X	N2	3/6
04	616	Number of Periods	1	X	N0	1/3
05	344	Unit of Time Period or Interval Code	1	X	ID	2/2
06	373	Date	1	O/Z	DT	8/8
07	373	Date	1	O/Z	DT	8/8

Syntax Notes

02	C0203
03	P030405

Semantic Notes

01	SAL01 contains the code "Y" if prearranged override is in effect for computing salary commissions and code "N" if a prearranged override is not in effect for computing salary commissions.
02	SAL02 is the total amount paid to the employee based on the information sent in SAL03 through SAL05.
06	SAL06 is the reporting period start date.
07	SAL07 is the reporting period end date.

SB - Docket Level

To indicate the docket level

TRANSACTION SETS USED IN

460

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	496	Docket Level Number	1	M	N0	1/2

SBI - Specific Benefit Information

To specify specific benefit scenarios

TRANSACTION SETS USED IN
271

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1390	Eligibility or Benefit Information Code	1	M	ID	1/2
02	615	Time Period Qualifier	1	X	ID	1/2
03	616	Number of Periods	1	O	N0	1/3
04	954	Percentage as Decimal	1	O	R	1/10
05	782	Monetary Amount	1	O/Z	R	1/18
06	782	Monetary Amount	1	O/Z	R	1/18
07	1790	Tier identifier	1	O	N0	1/2
08	1204	Plan Coverage Description	1	O	AN	1/50
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
11	782	Monetary Amount	1	O/Z	R	1/18

Syntax Notes

03 C0302

Semantic Notes

05 SBI05 represents a single benefit amount or minimum benefit amount dependent upon the code sent in SBI01.

06 SBI06 represents a remaining benefit amount or maximum benefit amount dependent upon the code sent in SBI01.

09 SBI09 is the triggering event indicator. A "Y" indicates that a triggering event has occurred, an "N" indicates no triggering event has occurred, a "U" indicates it cannot be determined if a triggering event occurred.

10 SBI10 is the single use benefit indicator. A "Y" indicates that the benefit is a single use per period (one time use), an "N" indicates an exhaustive benefit (used until benefit or benefit amount is '0') a "U" indicates it's unknown if the benefit is of single use or exhaustive type.

11 SBI11 amount represents the tiered benefit dollar amount.

SBR - Subscriber Information

To record information specific to the primary insured and the insurance carrier for that insured

TRANSACTION SETS USED IN
276 277 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1138	Payer Responsibility Sequence Number Code	1	M	ID	1/1
02	1069	Individual Relationship Code	1	O/Z	ID	2/2
03	127	Reference Identification	1	O/Z	AN	1/80
04	93	Name	1	O/Z	AN	1/60
05	1336	Insurance Type Code	1	O	ID	1/3
06	1143	Coordination of Benefits Code	1	O	ID	1/1
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	584	Employment Status Code	1	O	ID	2/2
09	1032	Claim Filing Indicator Code	1	O	ID	1/2
10	1732	Source of Payment Typology Code	1	O	ID	2/6

Semantic Notes

02 SBR02 specifies the relationship to the person insured.

03 SBR03 is policy or group number.

04 SBR04 is plan name.

07 SBR07 is destination payer code. A "Y" value indicates the payer is the destination payer; an "N" value indicates the payer is not the destination payer.

SBT - Subtest

To provide information about subtests that the student has taken

TRANSACTION SETS USED IN

130 138 189

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1158	Subtest Code	1	M	ID	5/5
02	93	Name	1	O	AN	1/60
03	1159	Test Score Interpretation Code	1	O	ID	1/1

SC - Docket Sub-level

To indicate the docket sub-level

TRANSACTION SETS USED IN

460 485 492

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	496	Docket Level Number	1	M	N0	1/2
02	497	Sub Level	1	M	AN	1/3

SCA - Statistical Category Analysis

To specify statistical norms and related information associated with testing programs

TRANSACTION SETS USED IN
138

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	X/Z	ID	1/3
02	1271	Industry Code	1	X	AN	1/30
03	950	Statistic Code	1	O/Z	ID	2/2
04	380	Quantity	1	X/Z	R	1/15
05	380	Quantity	1	O/Z	R	1/15
06	740	Range Minimum	1	X	R	1/20
07	741	Range Maximum	1	X	R	1/20

Syntax Notes

01	P0102
03	L030407
05	C0504
06	P0607

Semantic Notes

01	SCA01 and SCA02 identify a particular statistical category.
03	SCA03 is the statistical measure being reported.
04	SCA04 is the primary quantity associated with the statistical measure.
05	SCA05 is the secondary quantity associated with the statistical measure.

SCD - Sales Commission Employee Detail

To provide additional detail for an employee participating in a sales commission program

TRANSACTION SETS USED IN
818

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	584	Employment Status Code	1	M	ID	2/2
02	373	Date	1	O/Z	DT	8/8
03	584	Employment Status Code	1	X	ID	2/2
04	373	Date	1	O/Z	DT	8/8
05	559	Agency Qualifier Code	1	X	ID	2/2
06	1271	Industry Code	1	X/Z	AN	1/30
07	1068	Gender Code	1	O	ID	1/1

Syntax Notes

04	C0403
05	P0506

Semantic Notes

02	SCD02 is the date associated with SCD01.
04	SCD04 is the date associated with SCD03.
06	SCD06 is the industry employment classification, coded.

SCH - Line Item Schedule

To specify the data for scheduling a specific line-item

TRANSACTION SETS USED IN
561 840 843 846 850 855 860 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M	R	1/15
02	355	Unit or Basis for Measurement Code	1	M	ID	2/2
03	98	Entity Identifier Code	1	O	ID	2/3
04	93	Name	1	X	AN	1/60
05	374	Date/Time Qualifier	1	M	ID	3/3
06	373	Date	1	M	DT	8/8
07	337	Time	1	O	TM	4/8
08	374	Date/Time Qualifier	1	X	ID	3/3
09	373	Date	1	X	DT	8/8
10	337	Time	1	X	TM	4/8
11	326	Request Reference Number	1	O	AN	1/45
12	350	Assigned Identification	1	O/Z	AN	1/20

Syntax Notes

03	C0304
08	L080910
09	C0908
10	C1008

Semantic Notes

12	SCH12 is the schedule identification.

Comments

05	SCH05 specifies the interpretation to be used for SCH06 and SCH07.

SCL - Rate Basis/Scales

To identify a scale or rate basis number associated with a particular geographic location or specific set of rates

TRANSACTION SETS USED IN
494

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	969	Rate Basis Qualifier	1	M	ID	1/1
02	119	Rate Basis Number	1	X	AN	1/6
03	119	Rate Basis Number	1	O	AN	1/6
04	309	Location Qualifier	1	X	ID	1/2
05	310	Location Identifier	1	X	AN	1/30
06	310	Location Identifier	1	O	AN	1/30
07	156	State or Province Code	1	O	ID	2/2
08	970	Tariff Add-On Factor	1	O	N	1/6
09	972	Tariff Class Adjustment Reference	1	O	AN	1/6
10	972	Tariff Class Adjustment Reference	1	O	AN	1/6

Syntax Notes

03	C0302
05	C0504
06	C0605
07	C0704

Comments

09	SCL09 is used to point to less than truckload tables.
10	SCL10 is used to point to truckload tables.

SCM - Credit Score Model

To define the credit score model used and the related score

TRANSACTION SETS USED IN

200 202 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	234	Product/Service ID	1	O/Z	AN	1/80
02	1470	Number	1	O/Z	N0	1/9
03	484	Evaluation Rating Code	1	O	ID	1/1
04	3	Free-form Message	1	O/Z	AN	1/60

Semantic Notes

01 SCM01 identifies the credit score model.

02 SCM02 is the credit score expressed as a number.

04 SCM04 states the credit score model name if not available as a product identifier, or explains the reasons for a missing score.

SCN - Beginning Segment for Cartage Work Assignment

To indicate the beginning of the Cartage WorkAssignment Transaction Set

TRANSACTION SETS USED IN
222

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	127	Reference Identification	1	M/Z	AN	1/80
03	353	Transaction Set Purpose Code	1	M	ID	2/2
04	146	Shipment Method of Payment Code	1	M	ID	2/2
05	610	Amount	1	O/Z	N2	1/15

Semantic Notes

02 SCN02 is the workassignment identification.

05 SCN05 is the charge for the cartage workassignment in U.S. dollars

SCP - Beginning Segment for a Cartage Work Assignment Response

To indicate the beginning of the Cartage Work Assignment Response Transaction Set

TRANSACTION SETS USED IN

225

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	127	Reference Identification	1	M/Z	AN	1/80
03	558	Reservation Action Code	1	M	ID	1/1
04	1658	Shipment or Work Assignment Decline Reason Code	1	O	ID	3/3

Semantic Notes

02 SCP02 is the work assignment identification.

SCR - Shipper's Car Ordered Rail

Indicates the type and quantity of rail equipment being ordered for transportation services

TRANSACTION SETS USED IN

422

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	O/Z	R	1/15
02	22	Commodity Code	1	O/Z	AN	1/30
03	301	Car Type Code	1	X	ID	1/4
04	567	Equipment Length	1	O	N0	4/5
05	65	Height	1	O/Z	R	1/8
06	189	Width	1	O/Z	R	1/8
07	233	Weight Capacity	1	X	N0	2/3
08	203	Cubic Capacity	1	X	N0	2/5
09	746	Protective Service Rule Code	1	O	ID	3/9
10	408	Temperature	1	O/Z	R	1/4
11	1140	Floor Type Code	1	O	ID	1/2
12	65	Height	1	O/Z	R	1/8
13	189	Width	1	O/Z	R	1/8
14	1168	Door Type Code	1	O	ID	1/2
15	708	Rating Summary Value Code	1	O	ID	1/2
16	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
17	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
18	301	Car Type Code	1	O/Z	ID	1/4
19	1011	Association of American Railroads (AAR) Pool Code	1	X	ID	7/7
20	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
21	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
22	206	Equipment Initial	1	X	AN	1/4
23	207	Equipment Number	1	X/Z	AN	1/15
24	207	Equipment Number	1	X/Z	AN	1/15
25	216	Metric Qualifier	1	O	ID	1/1

Syntax Notes

03	R0319
18	C1803
22	P222324
25	L250708

Semantic Notes

01	SCR01 is the quantity of rail cars ordered.
02	SCR02 is the commodity code using the full 7 digit Standard Transportation Commodity Code (STCC).

05 SCR05 is the inside height of the car specified in inches.
06 SCR06 is the inside width of the car in inches.
10 SCR10 is degrees in Fahrenheit.
12 SCR12 is the height of the door in inches.
13 SCR13 is the width of the door in inches.
16 If SCR16 is "Y," then alternate equipment is acceptable. If "N," then alternate equipment is not acceptable.
17 SCR17 is the SCAC of the equipment supplier.
18 SCR18 is the alternate car type.
20 If SCR20 is "Y," then car can be from the shipper's pool assignment. If "N," then car cannot be from shipper's pool assignment.
21 SCR21 is the SCAC of the car owner.
23 SCR23 represents the lowest number for a range of cars.
24 SCR24 represents the highest number for a range of cars.

SCS - Credit Score

To identify evaluation factors used in determining an applicant's credit score

TRANSACTION SETS USED IN
200 202 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	O	AN	1/80
02	933	Free-form Message Text	1	O/Z	AN	1/264

Semantic Notes

02 SCS02 describes the evaluation factors used in determining a credit score.

SCT - School Type

To specify school type and associated information

TRANSACTION SETS USED IN
133 135

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1141	Academic Credit Type Code	1	O	ID	1/1
02	380	Quantity	1	O/Z	R	1/15
03	1139	Session Code	1	O	ID	1/1
04	1250	Date Time Period Format Qualifier	1	X	ID	2/3
05	1251	Date Time Period	1	X/Z	AN	1/35
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	1134	Institutional Governance or Funding Source Level Code	1	O	ID	1/1
08	1270	Code List Qualifier Code	1	X/Z	ID	1/3
09	1271	Industry Code	15	X/Z	AN	1/30
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
11	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

04 P0405
08 P0809

Semantic Notes

02 SCT02 is the number of credit hours.
05 SCT05 is the date of the school term.
06 SCT06 indicates whether this is a lender of last resort loan. A "Y" means that the loan is an eligible lender of last resort loan; an "N" means the loan is not an eligible lender of last resort loan.
08 SCT08 and SCT09 identify the code source and the industry code(s) for the institutional sector or level classification.
09 All occurrences of SCT09 are codes from the list specified in SCT08. The positionality of the occurrences of SCT09 is not significant.
10 SCT10 indicates if the postsecondary institution's IRS status is public. A "Y" indicates that the institution's IRS status is public; an "N" indicates that the institution's IRS status is not public.
11 SCT11 represents the Title 1 status for elementary/secondary schools. A "Y" indicates that the Title 1 program is school-wide; an "N" indicates that it is not school-wide.

SD1 - Safety Data

To provide safety data information to recipients of the transaction, including identification of the hazard that the material being described represents, and the organization or party which declared this material to be a hazard or established exposure limits or other guidelines for that material

TRANSACTION SETS USED IN
271 272 848

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	349	Item Description Type Code	1	M	ID	1/1
02	821	Safety Characteristic/Hazard Code	1	M	ID	3/3
03	559	Agency Qualifier Code	1	X	ID	2/2
04	822	Source Subqualifier	1	O	AN	1/15
05	751	Product Description Code	1	X	AN	1/12
06	352	Description	1	X/Z	AN	1/80
07	156	State or Province Code	1	O/Z	ID	2/2
08	26	Country Code	1	O/Z	ID	2/3

Syntax Notes

03 L030506
05 R0506
05 C0503

Semantic Notes

06 SD106 is a free-form description of a safety characteristic or hazard.
07 SD107 specifies the state or province issuing the regulation that applies to the safety data included in this segment.
08 SD108 specifies the country issuing the regulation that applies to the safety data included in this segment.

Comments

01 SD101 indicates the format of this safety data information.
03 SD103 identifies the organization responsible for the code used in SD105 or the free-form text in SD106.
04 SD104 is a reference that indicates the table or text maintained by the source qualifier (SD103).
05 SD105 is a code from the organization list which provides specific data about a safety characteristic or hazard.

SDP - Ship/Delivery Pattern

To identify specific ship/delivery requirements

TRANSACTION SETS USED IN
830 862

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	678	Ship/Delivery or Calendar Pattern Code	1	M	ID	1/2
02	679	Ship/Delivery Pattern Time Code	1	M	ID	1/1
03	678	Ship/Delivery or Calendar Pattern Code	1	O	ID	1/2
04	679	Ship/Delivery Pattern Time Code	1	O	ID	1/1
05	678	Ship/Delivery or Calendar Pattern Code	1	O	ID	1/2
06	679	Ship/Delivery Pattern Time Code	1	O	ID	1/1
07	678	Ship/Delivery or Calendar Pattern Code	1	O	ID	1/2
08	679	Ship/Delivery Pattern Time Code	1	O	ID	1/1

Comments

00 The intent of this segment is to define the routine ship or delivery patterns, as required, when order quantities are in "buckets", such as weekly, monthly. Ship/delivery patterns eliminate the need to transmit discrete quantities and dates for each required shipment or delivery. It is assumed that a "bucketed" quantity is to be divided equally by the ship/delivery pattern. For example, a weekly quantity of 100 with a delivery pattern of Monday and Wednesday would result in 50 to be delivered on Monday and 50 to be delivered on Wednesday.

SDQ - Destination Quantity

To specify destination and quantity detail

TRANSACTION SETS USED IN

163 180 210 212 214 223 810 830 840 843 846 850 852 855 856 860 862 865 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	355	Unit or Basis for Measurement Code	1	M	ID	2/2
02	66	Identification Code Qualifier	1	O	ID	1/2
03	67	Identification Code	1	M	AN	2/80
04	380	Quantity	1	M	R	1/15
05	67	Identification Code	1	X	AN	2/80
06	380	Quantity	1	X	R	1/15
07	67	Identification Code	1	X	AN	2/80
08	380	Quantity	1	X	R	1/15
09	67	Identification Code	1	X	AN	2/80
10	380	Quantity	1	X	R	1/15
11	67	Identification Code	1	X	AN	2/80
12	380	Quantity	1	X	R	1/15
13	67	Identification Code	1	X	AN	2/80
14	380	Quantity	1	X	R	1/15
15	67	Identification Code	1	X	AN	2/80
16	380	Quantity	1	X	R	1/15
17	67	Identification Code	1	X	AN	2/80
18	380	Quantity	1	X	R	1/15
19	67	Identification Code	1	X	AN	2/80
20	380	Quantity	1	X	R	1/15
21	67	Identification Code	1	X	AN	2/80
22	380	Quantity	1	X	R	1/15
23	310	Location Identifier	1	O/Z	AN	1/30

Syntax Notes

05	P0506
07	P0708
09	P0910
11	P1112
13	P1314
15	P1516
17	P1718
19	P1920
21	P2122

Semantic Notes

23 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Comments

02 SDQ02 is used only if different than previously defined in the transaction set.

03 SDQ03 is the store number.

23 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

SE - Transaction Set Trailer

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

CONTROL SEGMENT

TRANSACTION SETS USED IN

100 101 102 103 104 105 106 107 108 109 110 111 112 113 120 121 124 125 126 127 128 129 130 131
132 133 135 138 139 140 141 142 143 144 146 147 148 149 150 151 152 153 154 155 157 158 159 160
161 163 170 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203
204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 224 225 227 228 240 242 244 245 248
249 250 251 252 255 256 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276
277 278 280 283 284 285 286 288 290 300 301 303 304 309 310 311 312 313 315 317 319 322 323 324
325 326 350 352 353 354 355 356 357 358 359 361 362 404 410 412 414 417 418 419 420 421 422 423
424 425 426 429 431 432 433 434 435 436 437 440 451 452 453 455 456 460 463 466 468 470 475 485
486 490 492 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 753
754 805 806 810 811 812 813 814 815 816 818 819 820 821 822 823 824 826 827 828 829 830 831 832
833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856
857 858 859 860 861 862 863 864 865 866 867 868 869 870 872 873 874 875 876 877 878 879 880 881
882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 920 924 925 926 928 940 943 944
945 947 980 990 993 996 997 998 999

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	96	Number of Included Segments	1	M	N0	1/10
02	329	Transaction Set Control Number	1	M	AN	4/9

Comments

00	SE is the last segment of each transaction set.

SEF - Payment Handling

To indicate the frequency and method for which trading partner financial settlement occurs

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1772	Frequency Pattern Code	1	M	ID	2/2
02	352	Description	1	O/Z	AN	1/80
03	1764	Payment Handling Code	1	X	ID	2/2
04	352	Description	1	X/Z	AN	1/80

Syntax Notes

03 R0304

Semantic Notes

02 SEF02 is used to clarify the payment frequency pattern code.

04 SEF04 is used to clarify payment handling.

Comments

00 This segment identifies the settlement frequency, which is tied to the benchmarking, for this program.

SER - Service Charges

To specify the details of the service charges levied

TRANSACTION SETS USED IN

822

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	235	Product/Service ID Qualifier	1	M	ID	2/2
02	234	Product/Service ID	1	M	AN	1/80
03	782	Monetary Amount	1	X/Z	R	1/18
04	782	Monetary Amount	1	X/Z	R	1/18
05	212	Unit Price	1	O	R	1/17
06	380	Quantity	1	O	R	1/15
07	352	Description	1	O	AN	1/80
08	236	Price Identifier Code	1	O/Z	ID	3/3
09	107	Payment Method Type Code	1	O/Z	ID	1/2
10	128	Reference Identification Qualifier	1	X/Z	ID	2/3
11	127	Reference Identification	1	X/Z	AN	1/80

Syntax Notes

03	R0304
10	P1011

Semantic Notes

03	SER03 is collected balance required (Account balance needed to compensate for service charge).
04	SER04 is the service charge.
08	SER08 is the pricing structure.
09	SER09 is the method of compensation.
10	SER10 is the subservice identifier.
11	SER11 is the subservice number.

SES - Academic Session Header

To identify the particular academic session in which the activity which follows took place

TRANSACTION SETS USED IN
130 132 189 190

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1251	Date Time Period	1	M/Z	AN	1/35
02	609	Count	1	O/Z	N0	1/9
03	1251	Date Time Period	1	O/Z	AN	1/35
04	1139	Session Code	1	O	ID	1/1
05	93	Name	1	O	AN	1/60
06	1250	Date Time Period Format Qualifier	1	X	ID	2/3
07	1251	Date Time Period	1	X/Z	AN	1/35
08	1250	Date Time Period Format Qualifier	1	X	ID	2/3
09	1251	Date Time Period	1	X/Z	AN	1/35
10	1131	Level of Individual, Test, or Course Code	1	O/Z	ID	2/2
11	66	Identification Code Qualifier	1	X/Z	ID	1/2
12	67	Identification Code	1	X	AN	2/80
13	93	Name	1	O	AN	1/60
14	641	Status Reason Code	1	O/Z	ID	3/3

Syntax Notes

06	P0607
08	P0809
11	P1112

Semantic Notes

01	SES01 refers in general to the date the overall session began.
01	SES01 is in the format of CCYYMM.
02	SES02 refers to the individual specific session falling within the overall general session.
03	SES03 refers to the school year for prekindergarten through grade 12 records.
03	SES03 is in the format of CCYY-CCYY.
07	SES07 is the exact date the session began.
09	SES09 is the date the session ended.
10	SES10 refers to the grade level of the student during this session.
11	SES11, SES12, and SES13 refer to the major field of study for the student.
14	SES14 indicates if the student received special recognition (honors) or was suspended or put on probation at the end of the session.

SFC - Storage Facility Characteristics

To indicate the physical characteristics of any storage facility or area

TRANSACTION SETS USED IN

127

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1241	Facility Characteristic Code Qualifier	1	M	ID	1/1
02	1240	Facility Characteristic Code	1	M	ID	1/2

SG - Shipment Status

To convey the status of a shipment

TRANSACTION SETS USED IN
109 315

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	157	Shipment Status Code	1	X	ID	1/2
02	641	Status Reason Code	1	X	ID	3/3
03	35	Bill of Lading Disposition Code	1	X	ID	2/3
04	373	Date	1	O	DT	8/8
05	337	Time	1	X	TM	4/8
06	623	Time Code	1	O	ID	2/2

Syntax Notes

01	R010203
06	C0605

SHD - Shipment Detail

To indicate shipment details in terms of quantity, weight, and routing instructions related to credit or debit of returned product

TRANSACTION SETS USED IN
812

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	382	Number of Units Shipped	1	X	R	1/10
02	413	Quantity Received	1	X	R	1/7
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	81	Weight	1	X	R	1/10
05	355	Unit or Basis for Measurement Code	1	X	ID	2/2
06	183	Volume	1	X	R	1/8
07	355	Unit or Basis for Measurement Code	1	X	ID	2/2
08	398	Order Sizing Factor	1	O	R	1/10
09	417	Price Bracket Identifier	1	O	AN	1/3
10	91	Transportation Method/Type Code	1	O	ID	1/2
11	140	Standard Carrier Alpha Code	1	O	ID	2/4
12	368	Shipment/Order Status Code	1	O	ID	2/2
13	128	Reference Identification Qualifier	1	O	ID	2/3
14	127	Reference Identification	1	X	AN	1/80

Syntax Notes

01	R0102
01	C0103
02	C0203
04	P0405
06	P0607
13	C1314

Comments

13	SHD13 and SHD14 are used to identify pertinent numbers associated with shipment detail.

SHI - Security Holding Information

To specify information concerning securities held by an entity

TRANSACTION SETS USED IN

103

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	125	Security Holding Type Code	1	M	ID	1/2
02	93	Name	1	X/Z	AN	1/60
03	127	Reference Identification	1	X/Z	AN	1/80
04	521	Product Transfer Type Code	1	O/Z	ID	2/2
05	546	Status Code	1	O	ID	2/2

Syntax Notes

02 R0203

Semantic Notes

02 SHI02 contains the descriptive name of the security.

03 SHI03 contains the Committee for Uniform Securities Identification Procedures (CUSIP) identifier.

04 SHI04 contains the method that will be used to transfer ownership of the security.

SHP - Shipped/Received Information

To specify shipment and/or receipt information

TRANSACTION SETS USED IN
830 845 847 862

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	673	Quantity Qualifier	1	O	ID	2/2
02	380	Quantity	1	X	R	1/15
03	374	Date/Time Qualifier	1	X	ID	3/3
04	373	Date	1	X/Z	DT	8/8
05	337	Time	1	X	TM	4/8
06	373	Date	1	O/Z	DT	8/8
07	337	Time	1	O	TM	4/8

Syntax Notes

01	C0102
03	L030405
04	C0403
05	C0503

Semantic Notes

04	SHP04 is the date shipped, delivered, received, or the cumulative quantity start date (as qualified by SHP03).
06	SHP06 is the cumulative quantity end date.

Comments

00	The SHP segment is used to communicate shipment, delivery, or receipt information and may include discrete or cumulative quantities, dates, and times.
01	If SHP01 equals "02", "07", "08", "09", or "10" (indicating cumulative quantities), then SHP04 and SHP06 are required to identify the start and end dates of the quantity count.

SHR - Railroad Interline Service Special Handling Restrictions

To identify the special handling codes that apply to a shipment

TRANSACTION SETS USED IN

453

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	152	Special Handling Code	1	O	ID	2/3

Semantic Notes

01 If SHR01 is "Y", special handling is included. If "N", then special handling is excluded.

SI - Service Characteristic Identification

To specify service characteristic data

TRANSACTION SETS USED IN

100 187 206 267 272 811 832 836 840 843 850 855 860 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	559	Agency Qualifier Code	1	M	ID	2/2
02	1000	Service Characteristics Qualifier	1	M	AN	2/3
03	234	Product/Service ID	1	M	AN	1/80
04	1000	Service Characteristics Qualifier	1	X	AN	2/3
05	234	Product/Service ID	1	X	AN	1/80
06	1000	Service Characteristics Qualifier	1	X	AN	2/3
07	234	Product/Service ID	1	X	AN	1/80
08	1000	Service Characteristics Qualifier	1	X	AN	2/3
09	234	Product/Service ID	1	X	AN	1/80
10	1000	Service Characteristics Qualifier	1	X	AN	2/3
11	234	Product/Service ID	1	X	AN	1/80
12	1000	Service Characteristics Qualifier	1	X	AN	2/3
13	234	Product/Service ID	1	X	AN	1/80
14	1000	Service Characteristics Qualifier	1	X	AN	2/3
15	234	Product/Service ID	1	X	AN	1/80
16	1000	Service Characteristics Qualifier	1	X	AN	2/3
17	234	Product/Service ID	1	X	AN	1/80
18	1000	Service Characteristics Qualifier	1	X	AN	2/3
19	234	Product/Service ID	1	X	AN	1/80
20	1000	Service Characteristics Qualifier	1	X	AN	2/3
21	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

04	P0405
06	P0607
08	P0809
10	P1011
12	P1213
14	P1415
16	P1617
18	P1819
20	P2021

Comments

01	SI01 defines the source for each of the service characteristics qualifiers.

SID - Standard Transportation Commodity Code Identification

To convey the Standard Transportation Commodity Code (STCC) and associated descriptions

TRANSACTION SETS USED IN
435 437

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	23	Commodity Code Qualifier	1	M	ID	1/2
02	22	Commodity Code	1	M	AN	1/30
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
04	373	Date	1	O/Z	DT	8/8
05	708	Rating Summary Value Code	1	O/Z	ID	1/2
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

03 If SID03 is "Y", then this is a deregulated commodity. If "N" this is not a deregulated commodity.

04 SID04 is the deregulation date.

05 SID05 is the grade to which the car must be downgraded for that commodity.

06 If SID06 is "Y", then this commodity code is valid for a U.S. to Canada move. If "N", then this commodity code is for a Canada to U.S. move.

SII - Sales Item Information

To specify line item information related to a sale of an item

TRANSACTION SETS USED IN
844 867

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	235	Product/Service ID Qualifier	1	M	ID	2/2
02	234	Product/Service ID	1	M	AN	1/80
03	380	Quantity	1	M/Z	R	1/15
04	C001	Composite Unit of Measure	1	M		
05	212	Unit Price	1	O/Z	R	1/17
06	212	Unit Price	1	O/Z	R	1/17
07	782	Monetary Amount	1	O/Z	R	1/18

Semantic Notes

03 SII03 is the amount of the product identified in SII01 and SII02.
05 SII05 is the wholesale acquisition price.
06 SII06 is the contract price.
07 SII07 is the extended rebate amount.

SIN - Substance Use

To report use of tobacco, alcohol, drugs or other substances

TRANSACTION SETS USED IN
186 267

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1201	Information Status Code	1	M	ID	1/1
02	1594	Controlled Substance Type Code	1	X	ID	2/2
03	933	Free-form Message Text	1	X/Z	AN	1/264
04	594	Frequency Code	1	X	ID	1/1
05	380	Quantity	1	X/Z	R	1/15
06	C001	Composite Unit of Measure	1	X		

Syntax Notes

02 R0203
04 P040506

Semantic Notes

03 SIN03 is the actual response to further identify exact substance used.
05 SIN05 indicates the quantity of substance used.

SL1 - Tariff Details

To reference details of the tariff used to arrive at applicable rates or charges for customer-requested service

TRANSACTION SETS USED IN

104 110 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	284	Service Level Code	1	M/Z	ID	2/2
02	171	Tariff Number	1	O	AN	1/7
03	22	Commodity Code	1	X	AN	1/30
04	320	Scale	1	X	AN	1/10
05	373	Date	1	O/Z	DT	8/8
06	284	Service Level Code	1	O/Z	ID	2/2
07	146	Shipment Method of Payment Code	1	O	ID	2/2
08	982	Data Source Code	1	O	ID	2/2
09	210	International/Domestic Code	1	O	ID	1/1

Syntax Notes

03 R0304

Semantic Notes

01 SL101 is the service requested by the customer.

05 SL105 is the effective date.

06 SL106 is the service provided by the carrier.

Comments

00 Scale and commodity codes are proprietary codes maintained by the carrier.

SLA - School Accreditation and Licensing

To provide educational institution accreditation, affiliation, and licensing information

TRANSACTION SETS USED IN

133

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	M/Z	ID	1/3
02	1271	Industry Code	1	M	AN	1/30
03	83	Code For Licensing, Certification, Registration, or Accreditation Agency	1	O	ID	1/2
04	1250	Date Time Period Format Qualifier	1	X/Z	ID	2/3
05	1251	Date Time Period	1	X	AN	1/35
06	1270	Code List Qualifier Code	1	X/Z	ID	1/3
07	1271	Industry Code	1	X	AN	1/30
08	156	State or Province Code	1	X/Z	ID	2/2

Syntax Notes

04 P0405

06 P0607

08 E0806

Semantic Notes

01 SLA01 and SLA02 identify the code source and the industry code for the accreditation, affiliation, or licensing level.

04 SLA04 and SLA05 identify the period of time associated with the accreditation.

06 SLA06 and SLA07 identify the code source and the industry code for the accreditation or licensing type.

08 SLA08 identifies the state that issued the accreditation.

SLI - Specific Loan Information

To provide information for the loan under consideration

TRANSACTION SETS USED IN
191

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1262	Loan Type Code	1	M	ID	1/2
02	782	Monetary Amount	1	M/Z	R	1/18
03	782	Monetary Amount	1	M/Z	R	1/18
04	953	Interest Rate	1	M	R	1/6
05	1086	Loan Rate Type Code	1	M	ID	1/1
06	1250	Date Time Period Format Qualifier	1	M	ID	2/3
07	1251	Date Time Period	1	M/Z	AN	1/35
08	127	Reference Identification	1	O/Z	AN	1/80
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	1250	Date Time Period Format Qualifier	1	X	ID	2/3
11	1251	Date Time Period	1	X/Z	AN	1/35
12	1250	Date Time Period Format Qualifier	1	X	ID	2/3
13	1251	Date Time Period	1	X/Z	AN	1/35
14	782	Monetary Amount	1	O/Z	R	1/18
15	380	Quantity	1	O/Z	R	1/15
16	380	Quantity	1	O/Z	R	1/15
17	380	Quantity	1	O/Z	R	1/15
18	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
19	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
20	1250	Date Time Period Format Qualifier	1	X	ID	2/3
21	1251	Date Time Period	1	X/Z	AN	1/35
22	107	Payment Method Type Code	1	O	ID	1/2

Syntax Notes

10 P1011
12 P1213
20 P2021

Semantic Notes

02 SLI02 is the requested loan amount.
03 SLI03 is the total lender loan amount approved.
07 SLI07 is the loan period date range.
08 SLI08 is the lender loan identifier.
09 SLI09 indicates if the loan is subsidized. A "Y" indicates that it is subsidized; an "N" indicates it is not subsidized.
11 SLI11 is the repayment begin date.
13 SLI13 is the first payment date.

14 SLI14 is the first payment amount.

15 SLI15 is the number of monthly payments.

16 SLI16 is the number of grace months.

17 SLI17 is the number of capitalization months.

18 SLI18 indicates whether this loan is to be combined with other loans. A "Y" indicates that it is; an "N" indicates that it is not.

19 SLI19 indicates whether this loan has been authorized for EFT disbursement. A "Y" indicates that it has been authorized for EFT disbursement; an "N" indicates that it has not.

21 SLI21 is the borrower requested loan period.

SLN - Subline Item Detail

To specify product subline detail item data

TRANSACTION SETS USED IN

112 140 143 215 561 810 811 820 823 830 832 836 840 843 845 846 850 855 856 857 860 861 865 866 870 873 874 875 876 888 894 897 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	M/Z	AN	1/20
02	350	Assigned Identification	1	O/Z	AN	1/20
03	662	Relationship Code	1	M/Z	ID	1/1
04	380	Quantity	1	X	R	1/15
05	C001	Composite Unit of Measure	1	X		
06	212	Unit Price	1	X	R	1/17
07	639	Basis of Unit Price Code	1	O	ID	2/2
08	662	Relationship Code	1	O/Z	ID	1/1
09	235	Product/Service ID Qualifier	1	X	ID	2/2
10	234	Product/Service ID	1	X	AN	1/80
11	235	Product/Service ID Qualifier	1	X	ID	2/2
12	234	Product/Service ID	1	X	AN	1/80
13	235	Product/Service ID Qualifier	1	X	ID	2/2
14	234	Product/Service ID	1	X	AN	1/80
15	235	Product/Service ID Qualifier	1	X	ID	2/2
16	234	Product/Service ID	1	X	AN	1/80
17	235	Product/Service ID Qualifier	1	X	ID	2/2
18	234	Product/Service ID	1	X	AN	1/80
19	235	Product/Service ID Qualifier	1	X	ID	2/2
20	234	Product/Service ID	1	X	AN	1/80
21	235	Product/Service ID Qualifier	1	X	ID	2/2
22	234	Product/Service ID	1	X	AN	1/80
23	235	Product/Service ID Qualifier	1	X	ID	2/2
24	234	Product/Service ID	1	X	AN	1/80
25	235	Product/Service ID Qualifier	1	X	ID	2/2
26	234	Product/Service ID	1	X	AN	1/80
27	235	Product/Service ID Qualifier	1	X	ID	2/2
28	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

04	P0405
07	C0706
08	C0806
09	P0910
11	P1112

13 P1314
15 P1516
17 P1718
19 P1920
21 P2122
23 P2324
25 P2526
27 P2728

Semantic Notes

01 SLN01 is the identifying number for the subline item.

02 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

03 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

08 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments

00 See the Data Element Dictionary for a complete list of IDs.

01 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.

09 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.

SLS - Sales Parameters

To specify parameters pertaining to sales measurements.

TRANSACTION SETS USED IN

892

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	738	Measurement Qualifier	1	M	ID	1/3
02	100	Currency Code	1	X	ID	3/3
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2

Syntax Notes

02	E0203

SLV - Service Level

To identify the parameters related to service level performance measures.

TRANSACTION SETS USED IN

892

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	355	Unit or Basis for Measurement Code	1	M/Z	ID	2/2
02	673	Quantity Qualifier	1	M/Z	ID	2/2

Semantic Notes

01 SLV01 identifies the basis for determining a service level.

02 SLV02 identifies the service level measurement type.

SMA - Station Address

To identify the specific postal address information for each of the various categories of mailing requirements for a station

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	852	Address Type Code	1	M	ID	1/1
02	166	Address Information	1	M	AN	1/55
03	19	City Name	1	M	AN	2/30
04	156	State or Province Code	1	M	ID	2/2
05	116	Postal Code	1	M	ID	3/15

SMB - Beginning Segment for Railroad Station Master File

To identify the type of transaction update and type of station

TRANSACTION SETS USED IN
431

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	813	Station Type Code	1	M	ID	1/1
03	154	Standard Point Location Code	1	M	ID	6/9
04	813	Station Type Code	1	O	ID	1/1
05	813	Station Type Code	1	O	ID	1/1
06	813	Station Type Code	1	O	ID	1/1
07	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
08	638	Rule 260 Junction Code	1	O	ID	1/5
09	813	Station Type Code	1	O	ID	1/1
10	546	Status Code	1	O	ID	2/2

Semantic Notes

07 SMB07 indicates if the station is embargoed. A "Y" indicates the station is embargoed; an "N" indicates it is not.

Comments

00 The acceptable code values for DE 353 are "02", "03", and "04".

03 SMB03 is required except when the carrier is adding a new station in the update transaction to the AAR.

04 SMB04, SMB05, SMB06 and SMB09 are needed to support the situations where a station can be more than a single type.

SMD - Consolidated Shipment Manifest Data

To transmit shipment manifest data

TRANSACTION SETS USED IN

215 404 417 754

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	284	Service Level Code	1	M	ID	2/2
02	146	Shipment Method of Payment Code	1	M	ID	2/2
03	108	Pickup or Delivery Code	1	O	ID	1/2

SMO - Operational Services

To identify the specific railroad operating facilities and characteristics for the station in the transaction

TRANSACTION SETS USED IN

431

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	253	Automobile Ramp Facility Code	1	O	ID	1/1
02	321	Intermodal Facility Code	1	O	ID	1/1
03	1073	Yes/No Condition or Response Code	1	O	ID	1/1
04	1073	Yes/No Condition or Response Code	1	O	ID	1/1
05	81	Weight	1	O/Z	R	1/10
06	511	Rail Car Plate Size Code	1	O/Z	ID	1/1
07	512	Import/Export Code	1	O	ID	1/1

Semantic Notes

05 SMO05 is the gross weight of a shipment expressed in pounds, that is, the maximum weight that can be handled at this station.

06 SMO06 is the rail car scale drawing plate identification code that identifies the maximum size dimension of a rail car that can be handled at this station.

Comments

03 SMO03 data content interpretation, "Y" means grain inspection capability does exist and "N" means grain inspection capability no longer exists. Use "Y" to turn the function on and "N" to turn the function off.

04 SMO04 data content interpretation, "Y" means customs inspection capability does exist" and "N" means customs inspection capability no longer exists. Use "Y" to turn the function on and "N" to turn the function off.

SMR - Cross Reference

To identify the specific station that indicates the switching district for a given railroad terminal or the specific station used to identify a geographical location as a rate base location

TRANSACTION SETS USED IN

431

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	309	Location Qualifier	1	M	ID	1/2
02	154	Standard Point Location Code	1	X	ID	6/9
03	19	City Name	1	X	AN	2/30
04	156	State or Province Code	1	X	ID	2/2

Syntax Notes

02	R0203
03	P0304

SMS - Station Codes Segment

To identify the specific railroad carrier codes associated with the station

TRANSACTION SETS USED IN
431 433

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	573	Freight Station Accounting Code	1	M	ID	1/5
03	638	Rule 260 Junction Code	1	O	ID	1/5
04	116	Postal Code	1	O	ID	3/15
05	674	Reciprocal Switch Code	1	O	ID	1/1
06	623	Time Code	1	X/Z	ID	2/2
07	310	Location Identifier	1	X/Z	AN	1/30
08	310	Location Identifier	1	X/Z	AN	1/30
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	67	Identification Code	1	O/Z	AN	2/80
11	1073	Yes/No Condition or Response Code	1	X/Z	ID	1/1
12	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
13	573	Freight Station Accounting Code	1	X/Z	ID	1/5

Syntax Notes

06	P0611
07	P0708
12	P1213

Semantic Notes

06	SMS06 is the time zone of the station.
07	SMS07 is the latitude of the station.
08	SMS08 is the longitude of the station.
09	SMS09 indicates if the station is physically served. A "Y" indicates the station is physically served; an "N" indicates the station is not physically served.
10	SMS10 is the Association of American Railroads 3-3-3 station name code.
11	SMS11 indicates if daylight savings time applies. A "Y" indicates daylight savings time applies; an "N" indicates that daylight savings time does not apply.
12	SMS12 is the new Standard Carrier Alpha Code of the expired Standard Carrier Alpha Code shown in SMS01.
12	When SMS12 and SMS13 are used, SMB01 must be 56 (Expiration Notification).
13	SMS13 is the new Freight Station Accounting Code of the expired Freight Station Accounting Code shown in SMS02.

Comments

04	SMS04 is the zip code assigned to the rail station for rating purposes. It is not meant to be the mailing address postal code.

SN1 - Item Detail (Shipment)

To specify line-item detail relative to shipment

TRANSACTION SETS USED IN
325 754 856 857 861

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O/Z	AN	1/20
02	382	Number of Units Shipped	1	M	R	1/10
03	355	Unit or Basis for Measurement Code	1	M	ID	2/2
04	646	Quantity Shipped to Date	1	O	R	1/15
05	380	Quantity	1	X/Z	R	1/15
06	355	Unit or Basis for Measurement Code	1	X	ID	2/2
07	728	Returnable Container Load Make-Up Code	1	O	ID	1/2
08	668	Line Item Status Code	1	O	ID	2/2

Syntax Notes

05 P0506

Semantic Notes

01 SN101 is the ship notice line-item identification.
05 SN105 is quantity ordered.

Comments

03 SN103 defines the unit of measurement for both SN102 and SN104.

SOI - Source of Income

To define the source and related information about the income being reported

TRANSACTION SETS USED IN

200 267

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1186	Type of Income Code	1	M	ID	2/2
02	1250	Date Time Period Format Qualifier	1	X	ID	2/3
03	1251	Date Time Period	1	X/Z	AN	1/35
04	1470	Number	1	O/Z	N0	1/9
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

02 P0203

Semantic Notes

03 SOI03 states the dates of the income identified.

04 SOI04 states the number of months of the income identified.

05 SOI05 indicates whether income has been verified. A "Y" indicates the income has been verified; an "N" indicates income has not been verified.

SOM - Status of Mortgage

To provide information on the status of a mortgage and the date actions were taken regarding the loan and the property

TRANSACTION SETS USED IN
201 205 264

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1307	Loan Status Code	1	M/Z	ID	1/2
02	1250	Date Time Period Format Qualifier	1	M/Z	ID	2/3
03	1251	Date Time Period	1	M	AN	1/35
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
05	104	Type of Bankruptcy Code	1	X/Z	ID	1/1
06	373	Date	1	X/Z	DT	8/8
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
08	1307	Loan Status Code	1	O/Z	ID	1/2
09	1250	Date Time Period Format Qualifier	1	X/Z	ID	2/3
10	1251	Date Time Period	1	X	AN	1/35
11	1307	Loan Status Code	1	O	ID	1/2
12	1250	Date Time Period Format Qualifier	1	X	ID	2/3
13	1251	Date Time Period	1	X	AN	1/35

Syntax Notes

05	P0506
09	P0910
12	P1213

Semantic Notes

01	SOM01 indicates the status of a mortgage. For example, "01" indicates the mortgage is delinquent.
02	SOM02 and SOM03 indicate the date of the action taken towards the mortgage.
04	SOM04 indicates if bankruptcy has been filed by the mortgagor or the co-mortgagor. A "Y" indicates that bankruptcy has been filed; an "N" indicates that it has not been filed.
05	SOM05 indicates the type of bankruptcy that was filed. For example, "2" indicates Chapter 11 bankruptcy has been filed by the principal mortgagor or the co-mortgagor.
06	SOM06 provides the bankruptcy filing date.
07	SOM07 indicates if a forbearance plan has been accepted. A "Y" indicates that a forbearance plan has been accepted; an "N" indicates that is has not been accepted.
07	If SOM07 is "Y", then SOM11 is required.
08	SOM08 and SOM11 indicate the additional actions taken towards the mortgage.
09	SOM09 through SOM10 and SOM12 through SOM13 provide the dates of the additional actions in SOM08 and SOM11.

SP - Special Program

To provide the receiving educational institution or agency with information concerning the student's participation in special education programs or other programs and services

TRANSACTION SETS USED IN

130 133

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1257	Special Program Category Code	1	X/Z	ID	1/2
02	954	Percentage as Decimal	1	O/Z	R	1/10
03	1133	Program Participation and Services Code	1	X	ID	1/2
04	1134	Institutional Governance or Funding Source Level Code	1	O	ID	1/1
05	93	Name	1	O/Z	AN	1/60

Syntax Notes

01	R0103

Semantic Notes

01	SP01 is the type of special program category in which a student may participate.
02	SP02 is defined as the percent of time mainstreamed.
05	SP05 is the name of the specific program or service.

SPA - Status of Product or Activity

To indicate the details and status of a product or product activity

TRANSACTION SETS USED IN
100 101 111 252 267 268 273

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	546	Status Code	1	M	ID	2/2
02	1250	Date Time Period Format Qualifier	1	X	ID	2/3
03	1251	Date Time Period	1	X	AN	1/35
04	522	Amount Qualifier Code	1	X	ID	1/3
05	782	Monetary Amount	1	X	R	1/18
06	641	Status Reason Code	1	O	ID	3/3
07	641	Status Reason Code	1	O	ID	3/3
08	641	Status Reason Code	1	O	ID	3/3
09	559	Agency Qualifier Code	1	X	ID	2/2
10	751	Product Description Code	1	X/Z	AN	1/12
11	822	Source Subqualifier	1	O/Z	AN	1/15

Syntax Notes

02	P0203
04	P0405
09	P0910

Semantic Notes

10	SPA10 identifies the portion of the product or service being reported.
11	SPA11 specifies the individual code list of the agency specified in SPA09.

SPE - Security Protocol Error

To report security protocol errors in a security structure

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

993

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	824	Security Originator Name	1	M	AN	1/64
02	825	Security Recipient Name	1	M	AN	1/64
03	990	Security Type Code	1	M	ID	2/2
04	1714	Security or Assurance Protocol Error Code	1	M	ID	1/2

SPI - Specification Identifier

To provide a description of the included specification or technical data items

TRANSACTION SETS USED IN

175 176 179 194 251 262 286 650 805 832 838 840 841 843 850 860 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	786	Security Level Code	1	M	ID	2/2
02	128	Reference Identification Qualifier	1	X	ID	2/3
03	127	Reference Identification	1	X	AN	1/80
04	790	Entity Title	1	O	AN	1/132
05	791	Entity Purpose	1	O	AN	1/80
06	792	Entity Status Code	1	O	ID	1/1
07	353	Transaction Set Purpose Code	1	O	ID	2/2
08	755	Report Type Code	1	O	ID	2/2
09	786	Security Level Code	1	O	ID	2/2
10	559	Agency Qualifier Code	1	O	ID	2/2
11	822	Source Subqualifier	1	O	AN	1/15
12	554	Assigned Number	1	O	N0	1/9
13	1322	Certification Type Code	1	O	ID	1/1
14	1401	Proposal Data Detail Identifier Code	1	O	ID	1/3
15	1005	Hierarchical Structure Code	1	O	ID	4/4

Syntax Notes

02 P0203

SPK - Specimen Kit Information

To identify and describe laboratory specimen kit information and handling requirements

TRANSACTION SETS USED IN
186

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1415	Specimen Kit Type Code	1	M/Z	ID	1/4
02	91	Transportation Method/Type Code	1	O/Z	ID	1/2
03	408	Temperature	1	O/Z	R	1/4
04	66	Identification Code Qualifier	1	X	ID	1/2
05	67	Identification Code	1	X	AN	2/80

Syntax Notes

04 P0405

Semantic Notes

01 SPK01 describes the specimen kit or contents.
02 SPK02 is the method of shipment to the lab.
03 SPK03 is the urine specimen temperature at time of collection expressed as Fahrenheit.

SPR - Supplier Rating

To convey a rating value or score of a trading partner

TRANSACTION SETS USED IN
155 285 501 838 885

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	707	Rating Category Code	1	X/Z	ID	2/2
02	739	Measurement Value	1	X	R	1/20
03	740	Range Minimum	1	X	R	1/20
04	741	Range Maximum	1	O	R	1/20
05	708	Rating Summary Value Code	1	X	ID	1/2
06	352	Description	1	O	AN	1/80
07	739	Measurement Value	1	X/Z	R	1/20
08	1201	Information Status Code	1	O	ID	1/1
09	344	Unit of Time Period or Interval Code	1	O/Z	ID	2/2

Syntax Notes

02 R02030507
07 C0701
09 C0901

Semantic Notes

01 SPR01 qualifies the content of both SPR02 and SPR07.
07 SPR07 is the industry average rating for the category indicated in SPR01.
09 SPR09 indicates the time period or interval of the rating category specified in SPR01.

Comments

03 SPR03 is the low end of the scale. SPR04 is the high end of the scale.
06 SPR06 is used to describe the rating company.

SPS - Sampling Parameters for Summary Statistics

To define the sampling parameters associated with summary statistics

TRANSACTION SETS USED IN
841 842 863

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	609	Count	1	O/Z	N0	1/9
02	609	Count	1	O/Z	N0	1/9
03	609	Count	1	O/Z	N0	1/9
04	949	Confidence Limit	1	O	R	1/4
05	C001	Composite Unit of Measure	1	X		
06	942	Sample Frequency Value per Unit of Measurement Code	1	X	N0	1/9

Syntax Notes

05 P0506

Semantic Notes

01 SPS01 is the population size (count) of the class of objects or events to which the statistical generalizations refer.

02 SPS02 is the sample size, which is the number of observations on which the reported summary statistics were based.

03 SPS03 is the subgroup size, which is the number of observations in a subgroup of a sample.

SPT - Spirit and Liqueur Information

To specify spirit type, style and related characteristics

TRANSACTION SETS USED IN
832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1823	Spirit Type Code	1	M	ID	2/3
02	1824	Spirit Style	1	O	ID	2/3
03	1825	Color	1	O/Z	ID	2/3
04	1826	Liqueur Flavor	1	O/Z	ID	2/2
05	C075	Composite Added Flavor	1	O		
06	1828	Distilled From Spirit Type	1	O	ID	2/2
07	1829	Whiskey Production Type	1	O	ID	2/2
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

03 SPT03 indicates the spirit color
04 SPT04 indicates the spirit liqueur flavor
08 SPT08 indicates if the beverage is a Cream Based Liqueur

SPY - Scope of Power of Attorney

To identify the scope of a power of attorney

TRANSACTION SETS USED IN

157

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	306	Action Code	1	M	ID	1/2
02	999	Scope of Power of Attorney Identification Code	1	O	ID	1/2
03	352	Description	1	O/Z	AN	1/80

Semantic Notes

03 SPY03 contains additional information necessary to specify the scope of power of attorney, such as a form number.

SR - Requested Service Schedule

To identify requested service schedules

TRANSACTION SETS USED IN
453 810

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O/Z	AN	1/20
02	1430	Day Rotation	1	O	AN	1/7
03	337	Time	1	X	TM	4/8
04	337	Time	1	O	TM	4/8
05	3	Free-form Message	1	O	AN	1/60
06	212	Unit Price	1	O	R	1/17
07	380	Quantity	1	O	R	1/15
08	373	Date	1	X	DT	8/8
09	373	Date	1	O	DT	8/8
10	234	Product/Service ID	1	O	AN	1/80
11	234	Product/Service ID	1	O	AN	1/80

Syntax Notes

04 C0403
09 C0908

Semantic Notes

01 SR01 contains the same line number shown in the IT1 segment, to which data contained in the SR segment refers.

Comments

03 SR03 defines the start time of the advertising promotion.
04 SR04 defines the end time of the advertising promotion.
05 SR05 is used to describe the advertising schedule details in literal form.
07 SR07 is used to provide the number of scheduled commercial spots to be run.
08 SR08 defines the start date of the advertising promotion.
09 SR09 defines the end date of the advertising promotion.
10 SR10 defines the seller's plan code.
11 SR11 defines the buyer's advertising package code.

SRE - Test Scores

To provide scores on tests that a student has taken

TRANSACTION SETS USED IN
130 138 189 252 284 285

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1160	Test Score Qualifier Code	1	M	ID	1/1
02	352	Description	1	M/Z	AN	1/80

Semantic Notes

02 SRE02 is the value of the score that the student received on an academic test or subtest.

SS - Docket Control Status

To specify information about rate level and rate docket independence

TRANSACTION SETS USED IN
460 494

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	X/Z	DT	8/8
02	500	Rate Level	1	X/Z	AN	1/5
03	698	Rate Distribution Code	1	M	ID	1/1
04	695	Independence Code	1	O	ID	1/1
05	373	Date	1	O	DT	8/8
06	373	Date	1	O	DT	8/8
07	616	Number of Periods	1	O	N0	1/3
08	373	Date	1	O	DT	8/8
09	437	Rate Maintenance Authority Code	1	O	ID	1/1

Syntax Notes

01 P0102

Semantic Notes

01 SS01 is the effective date of specific rate level.
02 SS02 is the level to which adjustment, if any, will be applied.

Comments

05 SS05 is the independence trigger date.
06 SS06 is the date on or after which applicable RCCR increases shall be applied.
08 SS08 is the date on or after which selective increases can be applied.

SSC - Beginning Segment for Service Commitment Advice

To transmit identifying numbers, dates, and other basic data relating to the transaction set

TRANSACTION SETS USED IN
453

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	127	Reference Identification	1	M/Z	AN	1/80
03	1250	Date Time Period Format Qualifier	1	M	ID	2/3
04	1251	Date Time Period	1	M	AN	1/35
05	67	Identification Code	1	M/Z	AN	2/80
06	1485	Service Commitment Type Code	1	M	ID	1/1
07	322	Load/Empty Status Code	1	M	ID	1/1
08	488	Percent, Integer Format	1	O/Z	N0	1/3

Semantic Notes

02 SSC02 is used to convey the Interline Service Management Service Commitment ID code.

05 SSC05 should contain the sponsor's customer ID number in DUNS format.

08 SSC08 should contain the service goal expressed as a percentage of shipments delivered within committed times of arrival.

SSD - Shipment Sort Segregate Data

To supply shipment sort segregate data and related shipment identification numbers

TRANSACTION SETS USED IN

250

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	O/Z	AN	1/80
02	127	Reference Identification	1	O/Z	AN	1/80
03	324	Purchase Order Number	1	X	AN	1/22
04	647	Application Error Condition Code	1	O/Z	ID	1/3

Syntax Notes

04	C0403

Semantic Notes

01	SSD01 is the PRO number assigned by the carrier.
02	SSD02 is the sort segregate code assigned by the consignee.
04	SSD04 indicates the error associated with the data in SSD03.

SSE - Entry and Exit Information

To provide information concerning the entry into or withdrawal from a school, school program, school district, or postsecondary institution

TRANSACTION SETS USED IN
130 138 146 189

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	O/Z	DT	8/8
02	373	Date	1	O/Z	DT	8/8
03	641	Status Reason Code	1	O/Z	ID	3/3
04	1470	Number	1	O/Z	N0	1/9
05	641	Status Reason Code	1	O/Z	ID	3/3

Semantic Notes

01 SSE01 refers to the entry date of the student in a school, school district, or school program.

02 SSE02 refers to the exit date of the student in a school, school district, or school program.

03 SSE03 refers to the reason why the student entered or left the school, school district, or school program.

04 SSE04 refers to the priority of choice for an intended entry into a school, school program, school district, or postsecondary institution.

05 SES05 refers to the enrollment status of the student.

SSS - Product Special Services

To specify special conditions or services associated with the purchased product

TRANSACTION SETS USED IN
140 142 844 845 849

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	248	Allowance or Charge Indicator Code	1	M	ID	1/1
02	559	Agency Qualifier Code	1	M	ID	2/2
03	560	Special Services Code	1	M	ID	2/10
04	561	Service Marks and Numbers	1	O	AN	1/45
05	359	Allowance or Charge Rate	1	O	R	1/15
06	610	Amount	1	O/Z	N2	1/15
07	352	Description	1	O	AN	1/80
08	380	Quantity	1	O	R	1/15
09	822	Source Subqualifier	1	O	AN	1/15

Semantic Notes

06 SSS06 indicates the total dollar amount for the allowance or charge.

Comments

02 SSS02 identifies the source of the code value in SSS03.
07 SSS07 (description) is normally used to clarify or expand on the services to be provided.
09 SSS09 specifies the individual code list of the agency specified in SSS02.

SST - Student Academic Status

To provide information concerning the student's eligibility to return to the reporting institution, enrollment status, residency for fee purposes, and date and type or status of high school graduation

TRANSACTION SETS USED IN
130 138 146 189 190

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	641	Status Reason Code	1	O/Z	ID	3/3
02	1250	Date Time Period Format Qualifier	1	X	ID	2/3
03	1251	Date Time Period	1	X/Z	AN	1/35
04	641	Status Reason Code	1	O/Z	ID	3/3
05	1250	Date Time Period Format Qualifier	1	X	ID	2/3
06	1251	Date Time Period	1	X/Z	AN	1/35
07	641	Status Reason Code	1	O/Z	ID	3/3
08	1131	Level of Individual, Test, or Course Code	1	O/Z	ID	2/2
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

02 P0203
05 P0506

Semantic Notes

01 SST01 refers to the type of high school diploma or certificate the student was awarded, if applicable.
03 SST03 is the date of high school graduation.
04 SST04 indicates if the student is in good standing at the school and is eligible to return. If not eligible to return, the code indicates the reason for this ineligibility to return to this institution.
06 SST06 refers to the date the student is eligible to return.
07 SST07 indicates if the student is currently enrolled at the institution and how the courses for which the student is enrolled are contained in the transaction set.
08 SST08 indicates the grade level of the student at the institution.
09 SST09 refers to the legal residence of the student for fee purposes. A "Y" indicates that the student has been coded as a legal resident of the state for fee purposes; an "N" indicates that the student has been coded as a nonresident of the state for fee purposes.

ST - Transaction Set Header

To indicate the start of a transaction set and to assign a control number

CONTROL SEGMENT

TRANSACTION SETS USED IN

100 101 102 103 104 105 106 107 108 109 110 111 112 113 120 121 124 125 126 127 128 129 130 131
132 133 135 138 139 140 141 142 143 144 146 147 148 149 150 151 152 153 154 155 157 158 159 160
161 163 170 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203
204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 224 225 227 228 240 242 244 245 248
249 250 251 252 255 256 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276
277 278 280 283 284 285 286 288 290 300 301 303 304 309 310 311 312 313 315 317 319 322 323 324
325 326 350 352 353 354 355 356 357 358 359 361 362 404 410 412 414 417 418 419 420 421 422 423
424 425 426 429 431 432 433 434 435 436 437 440 451 452 453 455 456 460 463 466 468 470 475 485
486 490 492 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 753
754 805 806 810 811 812 813 814 815 816 818 819 820 821 822 823 824 826 827 828 829 830 831 832
833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856
857 858 859 860 861 862 863 864 865 866 867 868 869 870 872 873 874 875 876 877 878 879 880 881
882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 920 924 925 926 928 940 943 944
945 947 980 990 993 996 997 998 999

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	143	Transaction Set Identifier Code	1	M/Z	ID	3/3
02	329	Transaction Set Control Number	1	M	AN	4/9
03	1705	Implementation Convention Reference	1	O/Z	AN	1/35

Semantic Notes

01 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

03 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

STA - Statistics

To provide summary statistics related to a specific collection of test result values

TRANSACTION SETS USED IN

285 841 842 848 863

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	950	Statistic Code	1	M	ID	2/2
02	739	Measurement Value	1	M	R	1/20
03	C001	Composite Unit of Measure	1	O		
04	738	Measurement Qualifier	1	O	ID	1/3
05	737	Measurement Reference ID Code	1	O	ID	2/2
06	740	Range Minimum	1	O	R	1/20
07	741	Range Maximum	1	O	R	1/20
08	935	Measurement Significance Code	1	O	ID	2/2

STC - Status Information

To report the status, required action, and paid information of a claim or service line

TRANSACTION SETS USED IN
248 275 277

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C043	Health Care Claim Status	1	M		
02	373	Date	1	O/Z	DT	8/8
03	306	Action Code	1	O	ID	1/2
04	782	Monetary Amount	1	O/Z	R	1/18
05	782	Monetary Amount	1	O/Z	R	1/18
06	373	Date	1	O/Z	DT	8/8
07	591	Payment Method Code	1	O	ID	3/3
08	373	Date	1	O/Z	DT	8/8
09	429	Check Number	1	O	AN	1/16
10	C043	Health Care Claim Status	1	O		
11	C043	Health Care Claim Status	1	O		
12	933	Free-form Message Text	1	O/Z	AN	1/264
13	1383	Claim Submission Reason Code	1	O	ID	2/2

Semantic Notes

02 STC02 is the effective date of the status information.
04 STC04 is the total charge amount.
05 STC05 is the amount paid.
06 STC06 is the paid date.
08 STC08 is the check issue date.
12 STC12 allows additional free-form status information.

STP - Study Parameters

To report study parameters

TRANSACTION SETS USED IN
249

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M/Z	DT	8/8
02	790	Entity Title	1	M/Z	AN	1/132
03	127	Reference Identification	1	M/Z	AN	1/80
04	127	Reference Identification	1	M/Z	AN	1/80
05	1470	Number	1	M/Z	N0	1/9
06	1470	Number	1	M/Z	N0	1/9
07	1470	Number	1	M/Z	N0	1/9
08	1470	Number	1	O/Z	N0	1/9
09	127	Reference Identification	1	O/Z	AN	1/80

Semantic Notes

01 STP01 is the study date assigned to this study and is the date this data set is considered reported or issued.

02 STP02 contains the study title.

03 STP03 is the identifier assigned to the study by the performing laboratory.

04 STP04 is the identifier assigned to the study by the study submitter.

05 STP05 reports the number of days per week each animal was dosed and must be less than or equal to seven.

06 STP06 reports the number of doses administered per day.

07 STP07 indicates whether the first day on test is reported as day zero or day one.

08 STP08 reports the number of animal(s) housed per cage at the study start.

09 STP09 is the identifier assigned to the study by the receiving party.

STS - Interchange Status Segment

To identify activity taken with an interchange

CONTROL SEGMENT

TRANSACTION SETS USED IN

242

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	I40	Interchange Action Code	1	M	ID	2/2
02	I41	Interchange Action Date	1	M	DT	6/6
03	I42	Interchange Action Time	1	M	TM	4/6
04	623	Time Code	1	O	ID	2/2
05	I43	Error Reason Code	1	O	ID	3/3

Comments

04	If the time code is omitted, the qualifier will be assumed to be universal time coordinate (UTC).

SUM - Academic Summary

To provide summary information for an academic session, a postsecondary degree, or for the entire student academic record

TRANSACTION SETS USED IN
130 131 138 189 190

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1141	Academic Credit Type Code	1	X	ID	1/1
02	1142	Academic Grade or Course Level Code	1	O	ID	1/2
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
04	380	Quantity	1	O/Z	R	1/15
05	380	Quantity	1	O/Z	R	1/15
06	380	Quantity	1	O/Z	R	1/15
07	740	Range Minimum	1	X/Z	R	1/20
08	741	Range Maximum	1	X	R	1/20
09	1144	Academic Grade Point Average	1	O	R	1/6
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
11	1145	Class Rank	1	O/Z	N0	1/4
12	380	Quantity	1	O	R	1/15
13	1250	Date Time Period Format Qualifier	1	X	ID	2/3
14	1251	Date Time Period	1	X/Z	AN	1/35
15	607	Number of Days	1	O/Z	N0	1/3
16	380	Quantity	1	O/Z	R	1/15
17	380	Quantity	1	O/Z	R	1/15
18	1558	Academic Summary Source Code	1	O	ID	1/1

Syntax Notes

04	C0401
05	C0501
06	C0601
07	P0708
13	P1314

Semantic Notes

03	SUM03 indicates if this is a summary for entire record up to that point in time. A "Y" indicates that this is a cumulative summary of the academic record up to that point; an "N" indicates that this is not a cumulative summary, but is a session.
04	SUM04 refers to credits used to compute grade point average.
05	SUM05 refers to credits attempted.
06	SUM06 refers to credits earned.
07	SUM07 and SUM08 are the lowest and highest, respectively, grade point averages possible under normal conditions.

10 SUM10 indicates if it is possible to have a grade point average higher than the maximum range. A "Y" indicates that it is possible to have a grade point average higher than the maximum range; an "N" indicates that it is not possible.

11 SUM11 refers to the student's position or rank in the class, while SUM12 refers to the total number in the class.

14 SUM14 refers to the date of the class ranking.

15 SUM15 is the days attended.

16 SUM16 is the days absent.

17 SUM17 indicates quality points used to compute the student's grade point average.

SUP - Supplementary Information

To provide processible supplementary information

TRANSACTION SETS USED IN

112 124 187 304

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	749	Supplementary Information Qualifier	1	M	ID	3/3
02	246	Certification/Clause Code	1	O	ID	2/4
03	3	Free-form Message	1	O	AN	1/60
04	744	Print Option Code	1	O	ID	2/2

SV - Service Description

To transmit the services standards and related service information

TRANSACTION SETS USED IN
106 107 217

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	344	Unit of Time Period or Interval Code	1	X	ID	2/2
02	34	Service Standard	1	O	N1	1/4
03	34	Service Standard	1	O	N1	1/4
04	72	Type of Service Offered Code	1	O	ID	1/1

Syntax Notes

02	C0201
03	C0301

Comments

01	SV01 is the service standard qualifier.
02	SV02 is less than truckload service.
03	SV03 is truckload service.

SV1 - Professional Service

To specify the service line item detail for a health care professional

TRANSACTION SETS USED IN
278 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C003	Composite Medical Procedure Identifier	1	M		
02	782	Monetary Amount	1	O/Z	R	1/18
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	380	Quantity	1	X	R	1/15
05	1331	Facility Code Value	1	O/Z	AN	1/3
06	1271	Industry Code	1	O/Z	AN	1/30
07	1328	Diagnosis Code Pointer	99	O/Z	N0	1/2
08	782	Monetary Amount	1	O/Z	R	1/18
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	1340	Multiple Procedure Code	1	O	ID	1/2
11	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
12	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
13	1364	Review Code	1	O	ID	1/2
14	1341	National or Local Assigned Review Value	1	O	AN	1/2
15	1327	Copay Status Code	1	O	ID	1/1
16	1334	Health Care Professional Shortage Area Code	1	O	ID	1/1
17	127	Reference Identification	1	O/Z	AN	1/80
18	116	Postal Code	1	O/Z	ID	3/15
19	782	Monetary Amount	1	O/Z	R	1/18
20	1337	Level of Care Code	1	O	ID	1/1
21	1360	Provider Agreement Code	1	O	ID	1/1

Syntax Notes

03 P0304

Semantic Notes

02 SV102 is the submitted service line item amount.

05 SV105 is the place of service.

06 SV106 is the Service Type (Code Source 958).

07 The first pointer designates the primary diagnosis and remaining diagnosis pointers indicate declining level of importance.

08 SV108 is the independent lab charges.

09 SV109 is the emergency-related indicator; a "Y" value indicates service provided was emergency related; an "N" value indicates service provided was not emergency related.

11 SV111 is early and periodic screen for diagnosis and treatment of children (EPSDT) involvement; a "Y" value indicates EPSDT involvement; an "N" value indicates no EPSDT involvement.

12 SV112 is the family planning involvement indicator. A "Y" value indicates family planning services involvement; an "N" value indicates no family planning services involvement.

17 SV117 is the health care manpower shortage area (HMSA) facility identification.

18 SV118 is the health care manpower shortage area (HMSA) zip code.

19 SV119 is a non-covered service amount.

Comments

13 If SV113 is equal to "L" or "N", then SV114 is required.

SV2 - Institutional Service

To specify the service line item detail for a health care institution

TRANSACTION SETS USED IN
278 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	234	Product/Service ID	1	X/Z	AN	1/80
02	C003	Composite Medical Procedure Identifier	1	X		
03	782	Monetary Amount	1	O/Z	R	1/18
04	355	Unit or Basis for Measurement Code	1	X	ID	2/2
05	380	Quantity	1	X	R	1/15
06	1371	Unit Rate	1	O	R	1/10
07	782	Monetary Amount	1	O/Z	R	1/18
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
09	1345	Nursing Home Residential Status Code	1	O	ID	1/1
10	1337	Level of Care Code	1	O	ID	1/1

Syntax Notes

01	R0102
04	P0405

Semantic Notes

01	SV201 is the revenue code.
03	SV203 is the submitted service line item amount.
07	SV207 is a non-covered service amount.
08	SV208 is the detail service line indicator. A "Y" value indicates a detail service line; an "N" value indicates a summary service line.

SV3 - Dental Service

To specify the service line item detail for dental work

TRANSACTION SETS USED IN
278 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C003	Composite Medical Procedure Identifier	1	M		
02	782	Monetary Amount	1	O/Z	R	1/18
03	1331	Facility Code Value	1	O/Z	AN	1/3
04	C006	Oral Cavity Designation	1	O		
05	1358	Prosthesis, Crown or Inlay Code	1	O	ID	1/1
06	380	Quantity	1	O/Z	R	1/15
07	352	Description	1	O/Z	AN	1/80
08	1327	Copay Status Code	1	O	ID	1/1
09	1360	Provider Agreement Code	1	O	ID	1/1
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
11	1328	Diagnosis Code Pointer	99	O/Z	N0	1/2

Semantic Notes

02 SV302 is the submitted service line item amount.

03 SV303 is the place of service code representing the location where the dental treatment was rendered.

06 SV306 is the number of procedures.

07 SV307 is the reason for replacement.

10 SV310 is the predetermination of benefits indicator. A "Y" value indicates that this service is being submitted for predetermination of benefits.

11 The first pointer designates the primary diagnosis and remaining diagnosis pointers indicate declining level of importance.

SV4 - Drug Service

To specify the claim service detail for prescription drugs

TRANSACTION SETS USED IN
837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	C003	Composite Medical Procedure Identifier	1	O		
03	127	Reference Identification	1	O/Z	AN	1/80
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
05	1329	Dispense as Written Code	1	O	ID	1/1
06	1338	Level of Service Code	1	O	ID	1/3
07	1356	Prescription Origin Code	1	O	ID	1/1
08	352	Description	1	O/Z	AN	1/80
09	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
10	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
11	1370	Unit Dose Code	1	O	ID	1/1
12	1319	Basis of Cost Determination Code	1	O	ID	1/2
13	1320	Basis of Days Supply Determination Code	1	O	ID	1/1
14	1330	Dosage Form Code	1	O	ID	2/15
15	1327	Copay Status Code	1	O	ID	1/1
16	1384	Patient Location Code	1	O	ID	1/1
17	1337	Level of Care Code	1	O	ID	1/1
18	1357	Prior Authorization Type Code	1	O	ID	1/1
19	1734	Submission Clarification Code	1	O	ID	1/2
20	1735	Additional Drug Coverage Code	1	O	ID	1/2
21	1736	Compound Route of Administration Code	1	O	ID	1/2
22	1737	Submitted Drug Tax Code	1	O	ID	2/2
23	954	Percentage as Decimal	1	O/Z	R	1/10
24	782	Monetary Amount	1	O/Z	R	1/18
25	1885	Special Packaging Indicator Code	1	O	ID	1/2

Semantic Notes

01 SV401 is a prescription number.

03 SV403 indicates whether the prescription is an original or a subsequent fill. A value of zero indicates an original prescription fill; any other value is the subsequent fill number of an existing prescription.

04 SV404 is the generic indicator. A "Y" value indicates a generic drug; an "N" value indicates a branded drug.

08 SV408 is the drug name.

09 SV409 is the multisource indicator. A "Y" indicates drug is available from more than one manufacturer; an "N" value indicates drug is available from one manufacturer.

10 SV410 is the compound indicator. A "Y" indicates a compound drug; an "N" value indicates a noncompound drug. A "U" value indicates a nonspecified drug compound.

23 SV423 is the submitted drug tax rate used to calculate the submitted drug tax amount.

24 SV424 is the submitted drug tax amount.

SV5 - Durable Medical Equipment Service

To specify the claim service detail for durable medical equipment

TRANSACTION SETS USED IN

837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C003	Composite Medical Procedure Identifier	1	M		
02	355	Unit or Basis for Measurement Code	1	M	ID	2/2
03	380	Quantity	1	M/Z	R	1/15
04	782	Monetary Amount	1	X/Z	R	1/18
05	782	Monetary Amount	1	X/Z	R	1/18
06	594	Frequency Code	1	O/Z	ID	1/1
07	923	Prognosis Code	1	O	ID	1/1

Syntax Notes

04	R0405
06	C0604

Semantic Notes

03	SV503 is the length of medical treatment required.
04	SV504 is the rental price.
05	SV505 is the purchase price.
06	SV506 is the frequency at which the rental equipment is billed.

SV6 - Anesthesia Service

To specify the claim service detail for anesthesia

TRANSACTION SETS USED IN
837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C003	Composite Medical Procedure Identifier	1	M		
02	1332	Facility Code Qualifier	1	X	ID	1/2
03	1331	Facility Code Value	1	X	AN	1/3
04	782	Monetary Amount	1	O/Z	R	1/18
05	1328	Diagnosis Code Pointer	99	O/Z	N0	1/2
06	380	Quantity	1	O/Z	R	1/15
07	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

02 P0203

Semantic Notes

04 SV604 is the submitted charge.

05 The first pointer designates the primary diagnosis and remaining diagnosis pointers indicate declining level of importance.

06 SV606 is the number of anesthesia minutes.

07 SV607 is the Certified Registered Nurse Anesthetist (CRNA) supervision indicator. A "Y" value indicates that services were performed personally by a CRNA who was medically directed by a physician other than the operating surgeon, assistant surgeon, or attending physician; an "N" value indicates that the services were performed personally by a CRNA who was medically directed by the operating surgeon, assistant surgeon, or attending physician.

SV7 - Drug Adjudication

To specify the claim service detail for drug services that have been adjudicated

TRANSACTION SETS USED IN

837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	O/Z	AN	1/80
02	127	Reference Identification	1	O/Z	AN	1/80
03	1355	Prescription Denial Override Code	1	O	ID	2/2
04	1207	Coverage Level Code	1	M/Z	ID	3/3
05	750	Product/Process Characteristic Code	1	M/Z	ID	2/3
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	C059	Drug Use Review (DUR)	6	O/Z		

Semantic Notes

01 SV701 is an internal processing identification number.

02 SV702 is the number assigned to the doctor who wrote the prescription.

04 This code is used to indicate or verify the patient's benefit coverage level at the time the claim was adjudicated.

05 SV705 describes the legal status (characteristic) of the drug being dispensed.

06 SV706 is the Drug Utilization Review (DUR) alert indicator. A "Y" indicates a DUR alert was issued; an "N" indicates DUR processing occurred but no alert was issued.

07 Position of data in the repeating data element conveys no significance.

SVA - Security Value

To provide the encoded output of a cryptographic algorithm

CONTROL SEGMENT

TRANSACTION SETS USED IN

993

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1570	Filter ID Code	1	M	ID	3/3
02	799	Version Identifier	1	M	AN	1/30
03	C033	Security Token Value	1	M		

SVC - Service Information

To supply payment and control information to a provider for a particular service

TRANSACTION SETS USED IN
269 275 276 277 835

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C003	Composite Medical Procedure Identifier	1	M/Z		
02	782	Monetary Amount	1	O/Z	R	1/18
03	782	Monetary Amount	1	O/Z	R	1/18
04	234	Product/Service ID	1	O/Z	AN	1/80
05	380	Quantity	1	O/Z	R	1/15
06	C003	Composite Medical Procedure Identifier	1	O/Z		
07	380	Quantity	1	O/Z	R	1/15

Semantic Notes

01 SVC01 is the medical procedure upon which adjudication is based.
02 SVC02 is the submitted service charge.
03 SVC03 is the amount paid this service.
04 SVC04 is the National Uniform Billing Committee Revenue Code.
05 SVC05 is the paid units of service.
06 SVC06 is the original submitted medical procedure.
07 SVC07 is the original submitted units of service.

Comments

01 For Medicare Part A claims, SVC01 would be the Healthcare Common Procedure Coding System (HCPCS) Code (see code source 130) and SVC04 would be the Revenue Code (see code source 132).

SVD - Service Line Adjudication

To convey service line adjudication information for coordination of benefits between the initial payers of a health care claim and all subsequent payers

TRANSACTION SETS USED IN

837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1138	Payer Responsibility Sequence Number Code	1	M/Z	ID	1/1
02	782	Monetary Amount	1	M/Z	R	1/18
03	C003	Composite Medical Procedure Identifier	1	O		
04	234	Product/Service ID	1	O/Z	AN	1/80
05	380	Quantity	1	O/Z	R	1/15
06	554	Assigned Number	1	O	N0	1/9

Semantic Notes

01 SVD01 is the payer identification code.

02 SVD02 is the amount paid for this service line.

04 SVD04 is the revenue code.

05 SVD05 is the paid units of service.

Comments

03 SVD03 represents the medical procedure code upon which adjudication of this service line was based. This may be different than the submitted medical procedure code.

06 SVD06 is only used for bundling of service lines. It references the LX Assigned Number of the service line into which this service line was bundled.

SW - Switching Charges

To transmit codes, descriptions, and values for switching performed

TRANSACTION SETS USED IN

485

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	257	Tariff Application Code	1	M	ID	1/1
02	495	Condition Segment Logical Connector	1	M	AN	1/3
03	498	Condition Code	1	M	ID	4/4
04	499	Condition Value	1	M	AN	1/10
05	140	Standard Carrier Alpha Code	1	O	ID	2/4
06	122	Rate/Value Qualifier	1	O	ID	2/2
07	118	Rate	1	O	R	1/9
08	638	Rule 260 Junction Code	1	O	ID	1/5
09	554	Assigned Number	1	O	N0	1/9

SWC - Switching Conditions

To transmit data relating to the switching service being performed.

TRANSACTION SETS USED IN
424 433

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	405	Switching Settlement Code	1	M	ID	2/2
02	154	Standard Point Location Code	1	M/Z	ID	6/9
03	58	Amount Charged	1	O	N2	1/15
04	154	Standard Point Location Code	1	X/Z	ID	6/9
05	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4

Syntax Notes

04 P0405

Semantic Notes

02 SWC02 is the Standard Point Location Code of the primary received from or delivered to switch location.

04 SWC04 s the Standard Point Location Code of the intermediate received from or delivered to switch location.

05 SWC05 s the Standard Carrier Alpha Code of the carrier the equipment is delivered to or received from in intermediate switch service at the location shown in SWC04.

Comments

03 SWC03 is the total charges for switching services performed at the Standard Point Location Code shown at SWC02.

SWD - Switching Details

To transmit data relating to the details of the switching service being performed.

TRANSACTION SETS USED IN
424

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	76	Invoice Number	1	O	AN	1/22
02	81	Weight	1	O	R	1/10
03	257	Tariff Application Code	1	O	ID	1/1
04	647	Application Error Condition Code	1	O	ID	1/3
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
07	1271	Industry Code	1	O/Z	AN	1/30
08	1470	Number	1	O/Z	N0	1/9
09	1470	Number	1	O/Z	N0	1/9

Semantic Notes

05 If SWD05 is 'Y', then this is a direct switch. If 'N', this is an indirect switch.
06 If SWD06 is 'Y', then 60 or more cars were interchanged at the same time.
07 SWD07 is the AAR Flag Code.
08 SWD08 is the sheet number.
09 SWD09 is the line number.

SWR - Switching Rates

To transmit data relating to the rates for the switching service being performed.

TRANSACTION SETS USED IN
424 433

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	122	Rate/Value Qualifier	1	M	ID	2/2
02	118	Rate	1	M/Z	R	1/9
03	118	Rate	1	M/Z	R	1/9
04	58	Amount Charged	1	M/Z	N2	1/15
05	522	Amount Qualifier Code	1	M	ID	1/3
06	150	Special Charge or Allowance Code	1	M	ID	3/3
07	122	Rate/Value Qualifier	1	O	ID	2/2
08	58	Amount Charged	1	O/Z	N2	1/15

Semantic Notes

02 SWR02 is the minimum charge.
03 SWR03 is the maximum charge.
04 SWR04 is the base charge.
08 SWR08 is the additional charge.

T1 - Transit Inbound Origin

To specify origin point and waybill references of movement to transit waybill point

TRANSACTION SETS USED IN

404 410 417 426

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M	N0	1/9
02	186	Waybill Number	1	O/Z	N0	1/6
03	373	Date	1	O/Z	DT	8/8
04	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
05	19	City Name	1	X/Z	AN	2/30
06	156	State or Province Code	1	X	ID	2/2
07	154	Standard Point Location Code	1	O	ID	6/9
08	229	Transit Registration Number	1	O	AN	1/6
09	461	Transit Level Code	1	O	ID	1/3
10	128	Reference Identification Qualifier	1	X/Z	ID	2/3
11	127	Reference Identification	1	X	AN	1/80

Syntax Notes

05	P0506
10	P1011

Semantic Notes

00	Related T1, T2, and T3 segments have the same transit sequence number value in the first data element.
02	T102 will contain the inbound shipment waybill numbers.
03	T103 will contain the inbound shipment waybill date.
04	T104 is the Standard Carrier Alpha Code (SCAC) of the origin carrier.
05	T105 is the origin station for movement.
10	T110 and T111 are used on local transit only, to convey the previous Inbound Transit Bill of Lading Number or Shipment Identification Number.

T2 - Transit Inbound Lading

To specify lading description, including weight and rate details applying to the associated T1 segment

TRANSACTION SETS USED IN
404 410 417 426

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M	N0	1/9
02	79	Lading Description	1	O	AN	1/50
03	81	Weight	1	O/Z	R	1/10
04	187	Weight Qualifier	1	O	ID	1/2
05	60	Freight Rate	1	X	R	1/15
06	122	Rate/Value Qualifier	1	X	ID	2/2
07	60	Freight Rate	1	X	R	1/15
08	122	Rate/Value Qualifier	1	X	ID	2/2
09	19	City Name	1	O/Z	AN	2/30
10	19	City Name	1	O/Z	AN	2/30
11	462	Through Surcharge Percent	1	O	N2	2/4
12	463	Paid-In Surcharge Percent	1	O	N2	2/4

Syntax Notes

05 P0506
07 P0708

Semantic Notes

03 T203 is the transit portion weight from inbound movement.
09 In T209, "City" is used for the combination through-rate city.
10 In T210, "City" is used for the combination paid-in city.

Comments

00 Related T1, T2, and T3 segments have the same transit sequence number value in the first data element.
05 T205 is the through-freight-rate that applies to the shipment from the point of origin inland movement to the point of destination of the current movement.
07 T207 is the paid-in-rate basis of the paid-in portion of the shipment.

T3 - Transit Inbound Route

To specify transit inbound routing, including equipment identifications for associated T1 and T2 segments

TRANSACTION SETS USED IN
404 410 417 426

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M	N0	1/9
02	140	Standard Carrier Alpha Code	1	M	ID	2/4
03	133	Routing Sequence Code	1	O	ID	1/2
04	19	City Name	1	O	AN	2/30
05	154	Standard Point Location Code	1	O	ID	6/9
06	206	Equipment Initial	1	X/Z	AN	1/4
07	207	Equipment Number	1	X/Z	AN	1/15

Syntax Notes

06 P0607

Semantic Notes

06 T306 will contain the equipment initial of the inbound car.

07 T307 will contain the equipment number of the inbound car.

Comments

00 Related T1, T2, and T3 segments have the same transit sequence number value in the first data element.

04 T304 is the station or city name at which carriers interchange shipments. T304 will contain the Association of American Railroads (AAR) Accounting Rule 260 junction rule.

T6 - Transit Inbound Rates

To identify the transit inbound prior origin point and waybill reference of movement to the point specified in T1 segment

TRANSACTION SETS USED IN
404 410 417 426

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M	N0	1/9
02	60	Freight Rate	1	X/Z	R	1/15
03	122	Rate/Value Qualifier	1	X	ID	2/2
04	19	City Name	1	O/Z	AN	2/30
05	60	Freight Rate	1	X/Z	R	1/15
06	122	Rate/Value Qualifier	1	X	ID	2/2
07	19	City Name	1	O	AN	2/30

Syntax Notes

02	P0203
05	P0506

Semantic Notes

02	T602 is the through-freight-rate that applies to the shipment from the point of origin of the inland movement to the point of destination of the current billing movement.
04	In T604, "City" is used for the combination through-rate city.
05	T605 is the paid-in-rate basis of the paid-in portion of the shipment.

Comments

01	T601 must contain the same number that is on the corresponding T1 segment.
07	In T607, "City" is used for the combination paid-in rate city.

T8 - Free-form Transit Data

To transmit information in a free-form format relating to a specified transit sequence number

TRANSACTION SETS USED IN
404 410 417 426

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M	N0	1/9
02	299	Transit Free-form Data	1	M	AN	1/80

Comments

01 T801 must contain the same transit sequence number that is on the corresponding T1.

TA - Tax Authority

To identify a jurisdiction's taxing authority

TRANSACTION SETS USED IN
158 245

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	955	Tax Jurisdiction Code Qualifier	1	X/Z	ID	2/2
02	956	Tax Jurisdiction Code	1	X	AN	1/10
03	352	Description	1	X/Z	AN	1/80
04	1721	Type of Taxing Authority Code	1	X	ID	2/2
05	352	Description	1	X/Z	AN	1/80
06	1719	Tax Service Payment Code	1	O	ID	1/1
07	546	Status Code	1	O/Z	ID	2/2

Syntax Notes

01	P0102
02	R0203
04	P0405

Semantic Notes

01	TA01 defines the source of the Tax Agency code. If TA01 is not equal to "MB," "VE," or "ST," then TA03, TA04 and TA05 are required.
03	TA03 contains the name of the tax agency.
05	TA05 contains the name of the tax agency type and defines the type of entity in TA04.
07	TA07 contains the status of the taxing authority.

TA1 - Interchange Acknowledgment

To report the status of the processing of an interchange header, trailer, and other interchange-level service request structures by the addressed receiver, or the non-delivery by a network provider. It may also be used to report an error processing the GS segment.

CONTROL SEGMENT

TRANSACTION SETS USED IN

None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	I12	Interchange Control Number	1	M	N0	9/9
02	I08	Interchange Date	1	M	DT	6/6
03	I09	Interchange Time	1	M	TM	4/4
04	I17	Interchange Acknowledgment Code	1	M	ID	1/1
05	I18	Interchange Note Code	1	M	ID	3/3

TA3 - Interchange Delivery Notice Segment

To provide a notice from the receiving service request handler to the sending service request handler that an interchange was delivered or not delivered to the interchange receiver's mailbox, or some other ancillary service was performed, and that the interchange receiver retrieved, refused, or purged the interchange; TA3 is exchanged only between service request handlers; use of the TA3 segment is optional

CONTROL SEGMENT

TRANSACTION SETS USED IN
None

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	I38	Service Request Handler ID Qualifier	1	M/Z	ID	2/2
02	I39	Service Request Handler ID	1	M	AN	1/15
03	I43	Error Reason Code	1	M	ID	3/3
04	I44	Reported Start Segment ID	1	M/Z	AN	2/3
05	I45	Reported Control Number	1	M	AN	1/14
06	I46	Reported Date	1	M	AN	1/8
07	I47	Reported Time	1	M	AN	1/8
08	I48	Reported Interchange Sender ID Qualifier	1	M	AN	1/4
09	I49	Reported Sender ID	1	M	AN	1/35
10	I50	Reported Interchange Receiver ID Qualifier	1	M	AN	1/4
11	I51	Reported Receiver ID	1	M	AN	1/35
12	I40	Interchange Action Code	1	M/Z	ID	2/2
13	I41	Interchange Action Date	1	M	DT	6/6
14	I42	Interchange Action Time	1	M	TM	4/6
15	I40	Interchange Action Code	1	O	ID	2/2
16	I41	Interchange Action Date	1	O	DT	6/6
17	I42	Interchange Action Time	1	O	TM	4/6
18	I52	First Reference ID Qualifier	1	O	AN	1/4
19	I53	First Reference ID	1	O	AN	1/14
20	I54	Second Reference ID Qualifier	1	O	AN	1/4
21	I55	Second Reference ID	1	O	AN	1/14
22	I56	Reference Code Qualifier	1	X/Z	ID	2/2
23	I57	Reference Code	1	X	AN	1/35
24	I56	Reference Code Qualifier	1	X	ID	2/2
25	I57	Reference Code	1	X	AN	1/35
26	I56	Reference Code Qualifier	1	X	ID	2/2
27	I57	Reference Code	1	X	AN	1/35

Syntax Notes

22	P2223
24	P2425
26	P2627

Semantic Notes

01 TA301 and TA302 identify the service request handlers processing the interchange being reported.

04 TA304 through TA311 and TA318 through TA321 are used to identify the interchange whose status is being reported.

12 TA312 through TA314 identify the action being reported and the date and time that action was performed. TA315 through TA317 provide a second set of interchange action code, date and time that can be included if a given TA3 is reporting on more than one event.

22 TA322 through TA327 contain optional information exchanged by service request handlers to supply additional information concerning actions taken upon the interchange being reported.

TAR - Target Market

To specify the intended geographic market for the product or service.

TRANSACTION SETS USED IN

897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	19	City Name	1	O	AN	2/30
02	1702	Postal Code-Formatted	1	O	AN	3/20
03	1715	Country Subdivision Code	1	O	ID	1/9
04	26	Country Code	1	O	ID	2/3
05	771	Market Area Code Qualifier	1	O	ID	1/3
06	767	Market Area Code Identifier	1	X	AN	1/13
07	352	Description	1	X	AN	1/80

Syntax Notes

05		L050607

TAX - Tax Reference

To provide data required for proper notification/determination of applicable taxes applying to the transaction or business described in the transaction

TRANSACTION SETS USED IN

154 830 838 840 843 850 851 855 860 865

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	325	Tax Identification Number	1	X	AN	1/20
02	309	Location Qualifier	1	X	ID	1/2
03	310	Location Identifier	1	X	AN	1/30
04	309	Location Qualifier	1	X	ID	1/2
05	310	Location Identifier	1	X	AN	1/30
06	309	Location Qualifier	1	X	ID	1/2
07	310	Location Identifier	1	X	AN	1/30
08	309	Location Qualifier	1	X	ID	1/2
09	310	Location Identifier	1	X	AN	1/30
10	309	Location Qualifier	1	X	ID	1/2
11	310	Location Identifier	1	X	AN	1/30
12	441	Tax Exempt Code	1	O	ID	1/1
13	1179	Customs Entry Type Group Code	1	O	ID	1/1

Syntax Notes

01	R0103
02	P0203
04	P0405
06	P0607
08	P0809
10	P1011

Comments

00	Tax ID number is, in many instances, referred to as a Tax Exemption Number. The paired (combined) use of data elements 309 and 310 provides for the designation of five taxing jurisdictions.
01	TAX01 is required if tax exemption is being claimed.

TBI - Trade Line Bureau Identifier

To identify the credit repository and the associated credit files or hit levels for a particular item

TRANSACTION SETS USED IN

200

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	67	Identification Code	1	O/Z	AN	2/80
02	127	Reference Identification	1	O/Z	AN	1/80
03	127	Reference Identification	1	O/Z	AN	1/80
04	127	Reference Identification	1	O	AN	1/80
05	127	Reference Identification	1	O	AN	1/80
06	127	Reference Identification	1	O	AN	1/80
07	127	Reference Identification	1	O	AN	1/80
08	127	Reference Identification	1	O	AN	1/80

Semantic Notes

01 TBI01 identifies the credit repository reporting the credit related information.

02 TBI02 identifies the repository subscriber number related to the information reported.

03 TBI03 through TBI08 identify the credit file identifiers or hit levels for the particular credit repository.

TBP - Frequency Basis

To specify a frequency period for a product or process in which a change may occur

TRANSACTION SETS USED IN

890

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	750	Product/Process Characteristic Code	1	M	ID	2/3
02	594	Frequency Code	1	X	ID	1/1
03	352	Description	1	X/Z	AN	1/80

Syntax Notes

02 R0203

Semantic Notes

03 TBP03 may be used to provide information about the period frequency.

TC2 - Commodity

To identify a commodity or a group of commodities or a tariff page commodity

TRANSACTION SETS USED IN

103 283 284 285 286 810 832 850 857 860 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	23	Commodity Code Qualifier	1	M	ID	1/2
02	22	Commodity Code	1	M	AN	1/30

TCD - Itemized Call Detail

To specify detail information for itemized calls

TRANSACTION SETS USED IN

811

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O	AN	1/20
02	373	Date	1	O	DT	8/8
03	337	Time	1	O	TM	4/8
04	309	Location Qualifier	1	X	ID	1/2
05	310	Location Identifier	1	X	AN	1/30
06	156	State or Province Code	1	O	ID	2/2
07	309	Location Qualifier	1	X	ID	1/2
08	310	Location Identifier	1	X	AN	1/30
09	156	State or Province Code	1	O	ID	2/2
10	739	Measurement Value	1	O	R	1/20
11	739	Measurement Value	1	O	R	1/20
12	782	Monetary Amount	1	O/Z	R	1/18
13	782	Monetary Amount	1	O/Z	R	1/18
14	782	Monetary Amount	1	O/Z	R	1/18
15	782	Monetary Amount	1	O/Z	R	1/18
16	662	Relationship Code	1	O/Z	ID	1/1

Syntax Notes

04	P0405
07	P0708

Semantic Notes

12	TCD12 is an undiscounted amount.
13	TCD13 is a net amount after the discount has been applied to the amount in TCD12.
14	TCD14 is an undiscounted amount.
15	TCD15 is a net amount after the discount has been applied to the amount in TCD14.
16	TCD16 is a code indicating the relationship of the price or amount to the associated segment.

Comments

01	TCD01 is the detail information.
02	TCD02 is the date of the call.
03	TCD03 is the connect time of the call.
04	TCD04, TCD05, and TCD06 are the 'to' location of the call.
07	TCD07, TCD08, and TCD09 are the 'from' location of the call.

10 TCD10 and TCD11 are the total duration of the call. TCD10 is the time measured in minutes or minutes and tenths of minutes. TCD11 is time measured in seconds or seconds and tenths of seconds.

TD1 - Carrier Details (Quantity and Weight)

To specify the transportation details relative to commodity, weight, and quantity

TRANSACTION SETS USED IN

180 325 754 830 832 840 843 850 855 856 857 860 861 862 865 870 888 944 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	103	Packaging Code	1	O	AN	3/5
02	80	Lading Quantity	1	X	N0	1/7
03	23	Commodity Code Qualifier	1	O	ID	1/2
04	22	Commodity Code	1	X	AN	1/30
05	79	Lading Description	1	O	AN	1/50
06	187	Weight Qualifier	1	O	ID	1/2
07	81	Weight	1	X	R	1/10
08	355	Unit or Basis for Measurement Code	1	X	ID	2/2
09	183	Volume	1	X	R	1/8
10	355	Unit or Basis for Measurement Code	1	X	ID	2/2

Syntax Notes

01	C0102
03	C0304
06	C0607
07	P0708
09	P0910

TD3 - Carrier Details (Equipment)

To specify transportation details relating to the equipment used by the carrier

TRANSACTION SETS USED IN

830 832 840 843 850 853 855 856 857 860 861 862 865 870 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	40	Equipment Description Code	1	X	ID	2/2
02	206	Equipment Initial	1	O	AN	1/4
03	207	Equipment Number	1	X	AN	1/15
04	187	Weight Qualifier	1	O	ID	1/2
05	81	Weight	1	X	R	1/10
06	355	Unit or Basis for Measurement Code	1	X	ID	2/2
07	102	Ownership Code	1	O	ID	1/1
08	407	Seal Status Code	1	O	ID	2/2
09	225	Seal Number	1	O	AN	1/15
10	24	Equipment Type Code	1	X	ID	4/4

Syntax Notes

01	E0110
02	C0203
04	C0405
05	P0506

TD4 - Carrier Details (Special Handling, or Hazardous Materials, or Both)

To specify transportation special handling requirements, or hazardous materials information, or both

TRANSACTION SETS USED IN

104 830 832 840 843 848 850 853 855 856 857 860 861 865 870 888 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	152	Special Handling Code	1	X	ID	2/3
02	208	Hazardous Material Code Qualifier	1	X	ID	1/1
03	209	Hazardous Material Class Code	1	X	AN	1/4
04	352	Description	1	X	AN	1/80
05	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
06	224	Hazardous Material Shipping Name	1	O	AN	1/25
07	228	Dangerous Goods Primary Classification Code	1	O	ID	1/6
08	C078	Composite Dangerous Goods Subsidiary Classification Codes	1	O		

Syntax Notes

01	R010204
02	C0203
08	C0807

Semantic Notes

05	TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not exist for this product.

Comments

07	The primary classification number is the first classification shown in column 3 of Schedule 1 of Transportation of Dangerous Goods Regulations (TDGR). Example: Primary Classification for Aerosols containing compressed oxygen is 2.2
08	When printed or displayed, the subsidiary code is shown in parenthesis (). Example: When UN Number 1950 Aerosols contain compressed oxygen, the primary code is 2.2 with the subsidiary code as (6.1).

TD5 - Carrier Details (Routing Sequence/Transit Time)

To specify the carrier and sequence of routing and provide transit time information

TRANSACTION SETS USED IN

180 286 317 830 832 838 840 843 850 852 853 855 856 857 860 861 862 865 870

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	133	Routing Sequence Code	1	O	ID	1/2
02	66	Identification Code Qualifier	1	X	ID	1/2
03	67	Identification Code	1	X	AN	2/80
04	91	Transportation Method/Type Code	1	X	ID	1/2
05	387	Routing	1	X	AN	1/35
06	368	Shipment/Order Status Code	1	X	ID	2/2
07	309	Location Qualifier	1	O	ID	1/2
08	310	Location Identifier	1	X	AN	1/30
09	731	Transit Direction Code	1	O	ID	2/2
10	732	Transit Time Direction Qualifier	1	O	ID	2/2
11	733	Transit Time	1	X	R	1/4
12	284	Service Level Code	1	X	ID	2/2
13	284	Service Level Code	1	X	ID	2/2
14	284	Service Level Code	1	O	ID	2/2
15	26	Country Code	1	O/Z	ID	2/3

Syntax Notes

02	R0204050612
02	C0203
07	C0708
10	C1011
13	C1312
14	C1413
15	C1512

Semantic Notes

15 TD515 is the country where the service is to be performed.

Comments

02 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

TDS - Total Monetary Value Summary

To specify the total invoice discounts and amounts

TRANSACTION SETS USED IN

141 142 149 187 304 810 811 819 857

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	610	Amount	1	M/Z	N2	1/15
02	610	Amount	1	O/Z	N2	1/15
03	610	Amount	1	O/Z	N2	1/15
04	610	Amount	1	O/Z	N2	1/15

Semantic Notes

01 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).

02 TDS02 indicates the amount upon which the terms discount amount is calculated.

03 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).

04 TDS04 indicates the total amount of terms discount.

Comments

02 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

TDT - Tax Delinquency Status

To specify the tax delinquency status on real property

TRANSACTION SETS USED IN

245

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1722	Real Estate Tax Delinquency Type Code	1	M	ID	1/2
02	127	Reference Identification	1	M/Z	AN	1/80
03	546	Status Code	1	O/Z	ID	2/2
04	306	Action Code	1	O/Z	ID	1/2

Semantic Notes

02 TDT02 is the original tax bill identification number.

03 TDT03 is the status of the delinquency.

04 TDT04 is the delinquency handling code.

TED - Technical Error Description

To identify the error and, if feasible, the erroneous segment, or data element, or both

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

824

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	647	Application Error Condition Code	1	M	ID	1/3
02	3	Free-form Message	1	O	AN	1/60
03	721	Segment ID Code	1	O	ID	2/3
04	719	Segment Position in Transaction Set	1	O	N0	1/10
05	C030	Position in Segment	1	O		
06	C999	Reference in Segment	1	O		
07	724	Copy of Bad Data Element	1	O	AN	1/99
08	961	Data Element New Content	1	O	AN	1/99

Comments

02	If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).

TEM - Pickup Totals

To provide minimal lading data relative to a pickup

TRANSACTION SETS USED IN
216

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	X/Z	R	1/15
02	380	Quantity	1	X/Z	R	1/15
03	188	Weight Unit Code	1	X	ID	1/1
04	81	Weight	1	X/Z	R	1/10
05	1703	Commodity Characteristic Codes	1	O/Z	ID	2/2

Syntax Notes

01	R0102
03	P0304

Semantic Notes

01	TEM01 is the quantity of handling units that are not unitized (for example cartons). When added to the quantity in TEM02, it is the total quantity of handling units to be tendered to the carrier at the time of pickup.
02	TEM02 is the quantity of handling units that are unitized (for example pallet, slip sheet). When added to the quantity in TEM01 it is the total quantity of handling units to be tendered to the carrier at the time of pickup.
04	TEM04 is the weight of the shipment.
05	TEM05 is used by the carrier to restrict the type of equipment provided at pickup.

TER - Territory

To specify a territory or country, and products or services, related to a specific class of trade

TRANSACTION SETS USED IN

155

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	687	Class of Trade Code	1	M	ID	2/2
02	1632	General Territory Code	1	X	ID	1/2
03	933	Free-form Message Text	1	X/Z	AN	1/264
04	26	Country Code	1	X	ID	2/3
05	954	Percentage as Decimal	1	O/Z	R	1/10
06	933	Free-form Message Text	1	O/Z	AN	1/264

Syntax Notes

02	R020304
02	E020304

Semantic Notes

03	TER03 contains a free-form description of the territory.
05	TER05 is the percentage of the total volume specified in TER01 made to or from the country or territory referenced in TER02, TER03 or TER04.
06	TER06 is used to provide a description of the products or services for the territory or country referenced in TER02, TER03 or TER04.

TF - Tariff Information

To identify agency tariff

TRANSACTION SETS USED IN

106

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	168	Tariff Agency Code	1	M	ID	1/4
02	171	Tariff Number	1	M	AN	1/7
03	493	Tariff Number Suffix	1	O	AN	1/2
04	173	Tariff Supplement Identifier	1	O	AN	1/4

TFR - Tariff Restrictions

To define tariff restrictions values such as charges, mileage and weight

TRANSACTION SETS USED IN

106

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	976	Tariff Restriction ID Code	1	M	ID	1/2
02	975	Tariff Restriction Description	1	O	AN	1/10
03	977	Tariff Restriction Value	1	O	R	1/9
04	977	Tariff Restriction Value	1	O	R	1/9

TFS - Tax Form

To indicate the tax form or the type of tax form being reported

TRANSACTION SETS USED IN

149 150 151 813 826

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	1	M/Z	ID	2/3
02	127	Reference Identification	1	M	AN	1/80
03	128	Reference Identification Qualifier	1	X/Z	ID	2/3
04	127	Reference Identification	1	X	AN	1/80
05	66	Identification Code Qualifier	1	X/Z	ID	1/2
06	67	Identification Code	1	X	AN	2/80
07	373	Date	1	O/Z	DT	8/8
08	818	Name Control Identifier	1	O	AN	1/4

Syntax Notes

03	P0304
05	P0506

Semantic Notes

01	TFS01 and TFS02 define the tax form.
03	TFS03 and TFS04 define the tax schedule.
05	TFS05 and TFS06 provide further identification of the tax form or schedule within the tax return filing.
07	TFS07 defines the tax period end date.

THE - Screen Theater Identification

To identify the theater and screen for accompanying detail

TRANSACTION SETS USED IN
159 170

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	67	Identification Code	1	M/Z	AN	2/80
02	93	Name	1	M/Z	AN	1/60
03	127	Reference Identification	1	X/Z	AN	1/80
04	380	Quantity	1	X/Z	R	1/15
05	380	Quantity	1	O/Z	R	1/15

Syntax Notes

03 R0304

Semantic Notes

01 THE01 is the identifier for the theater site.
02 THE02 is the exhibition site.
03 THE03 is the screen number being reported.
04 THE04 is the total number of screens being reported (combined).
05 THE05 is the total number of pictures being reported.

TI - Transport Information

To identify origin and destination carriers, equipment carrying shipment, date shipped, seal status, and equipment type

TRANSACTION SETS USED IN
928

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	O	ID	2/4
02	140	Standard Carrier Alpha Code	1	O	ID	2/4
03	206	Equipment Initial	1	O	AN	1/4
04	207	Equipment Number	1	O	AN	1/15
05	373	Date	1	O	DT	8/8
06	407	Seal Status Code	1	O	ID	2/2
07	301	Car Type Code	1	O	ID	1/4

Comments

05	TI05 is the railroad waybill date.

TIA - Tax Information and Amount

To specify the tax information and/or amount and to be used for tax information only as established by taxing authorities

TRANSACTION SETS USED IN

149 151 245 813 826

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C037	Tax Field Identification	1	M		
02	782	Monetary Amount	1	X	R	1/18
03	449	Fixed Format Information	1	X/Z	AN	1/80
04	380	Quantity	1	X	R	1/15
05	C001	Composite Unit of Measure	1	O		
06	954	Percentage as Decimal	1	X	R	1/10
07	782	Monetary Amount	1	X/Z	R	1/18

Syntax Notes

02	R0203040607
05	C0504
06	E0607

Semantic Notes

03	TIA03 is tax data as defined by taxing authorities established by the code in TIA01.
07	TIA07 is a tax rate expressed as a flat fee.

TID - Task Identification

To identify the work task and activity, what type of task it is, and related information

TRANSACTION SETS USED IN

806

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1173	Task ID Qualifier	1	M	ID	2/2
02	1174	Task Identifier	1	O	AN	1/20
03	1175	Relationship Task Identifier	1	O	AN	1/20
04	352	Description	1	O	AN	1/80
05	1297	Work Status Code	1	O	ID	1/2
06	306	Action Code	1	O	ID	1/2
07	127	Reference Identification	1	O/Z	AN	1/80
08	127	Reference Identification	1	O/Z	AN	1/80
09	1178	Reporting Structure Identifier	1	O	AN	1/3

Semantic Notes

07 TID07 is the calendar number identification.

08 TID08 is the shift number identification.

TII - Tax Installment Information

To provide the information on real estate taxes, including amounts

TRANSACTION SETS USED IN

245

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
02	380	Quantity	1	M/Z	R	1/15
03	782	Monetary Amount	1	M/Z	R	1/18
04	782	Monetary Amount	1	O/Z	R	1/18
05	1720	Tax Service Non-payment Code	1	O	ID	1/3

Semantic Notes

01 TII01 indicates if this installment information is for a delinquency. A "Y" indicates it is for a delinquency. A "N" indicates it is not a delinquency.

02 TII02 is the number of tax payment installments.

03 TII03 is the total tax amount due.

04 TII04 is the total tax discount amount.

TIS - Title Insurance Services

To provide the type, extent, and dates for title insurance service

TRANSACTION SETS USED IN
265

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1420	Title Insurance Services Code	1	M/Z	ID	2/2
02	373	Date	1	O/Z	DT	8/8
03	235	Product/Service ID Qualifier	1	X	ID	2/2
04	234	Product/Service ID	1	X/Z	AN	1/80

Syntax Notes

03 P0304

Semantic Notes

01 TIS01 defines the title services requested.
02 TIS02 defines the date by which the service is desired or required.
04 TIS04 identifies the title services requested.

TLN - Tradeline

To report specific details on a tradeline or credit-related item

TRANSACTION SETS USED IN

200

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	508	Account Number	1	M	AN	1/35
02	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
04	1187	Type of Account Code	1	O	ID	2/2
05	1187	Type of Account Code	1	O	ID	2/2
06	1189	Type of Credit Account Code	1	O	ID	1/1
07	1470	Number	1	O/Z	N0	1/9
08	1262	Loan Type Code	1	O	ID	1/2
09	263	Rating Code	1	O	ID	2/2
10	650	Rating Remarks Code	1	O	ID	2/2
11	261	Source of Disclosure Code	1	O	ID	1/1
12	1250	Date Time Period Format Qualifier	1	X	ID	2/3
13	1251	Date Time Period	1	X/Z	AN	1/35
14	782	Monetary Amount	1	O/Z	R	1/18
15	263	Rating Code	1	O	ID	2/2
16	1250	Date Time Period Format Qualifier	1	X	ID	2/3
17	1251	Date Time Period	1	X/Z	AN	1/35
18	782	Monetary Amount	1	O/Z	R	1/18
19	263	Rating Code	1	O	ID	2/2
20	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
21	1470	Number	1	O/Z	N0	1/9
22	352	Description	1	O/Z	AN	1/80

Syntax Notes

12 P1213

16 P1617

Semantic Notes

02 TLN02 indicates whether or not adverse information is included in the tradeline summary. A "Y" indicates adverse information is included; an "N" indicates adverse information is not included.

03 TLN03 indicates whether or not the minimum payment is estimated. A "Y" indicates that the minimum payment is estimated; an "N" indicates the payment is not estimated.

07 TLN07 is the number of months the account has been reviewed.

13 TLN13 is the last known past-due date.

14 TLN14 is the last known past-due amount.

17 TLN17 is the date of the highest delinquency.

18 TLN18 is the highest delinquency amount.

20 TLN20 indicates whether this is a primary tradeline. A "Y" indicates the tradeline is primary; an "N" indicates the tradeline is not primary.

21 TLN21 is the number of months in the original term of the tradeline.

22 TLN22 describes the term of the tradeline in text if a number is not available.

TMD - Test Method

To describe the nature of the test performed

TRANSACTION SETS USED IN
142 841 842 848 863

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	750	Product/Process Characteristic Code	1	O	ID	2/3
02	559	Agency Qualifier Code	1	X	ID	2/2
03	751	Product Description Code	1	X	AN	1/12
04	937	Test Administration Method Code	1	O	ID	2/2
05	938	Test Medium Code	1	O	ID	2/2
06	352	Description	1	O	AN	1/80
07	373	Date	1	O/Z	DT	8/8
08	127	Reference Identification	1	O/Z	AN	1/80
09	822	Source Subqualifier	1	O	AN	1/15

Syntax Notes

02 P0203
09 C0902

Semantic Notes

07 TMD07 is the date of the test method as assigned by the issuing organization.
08 TMD08 is the document revision number.

Comments

09 TMD09 specifies the individual code list of the agency specified in TMD02.

TOA - Type of Activity

To specify type of activity information

TRANSACTION SETS USED IN
186 267

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1591	Type of Activity Code	1	M	ID	2/2
02	1553	License Type Code	1	X	ID	2/2
03	546	Status Code	1	X/Z	ID	2/2
04	1592	Type of Rating Code	1	O/Z	ID	2/2
05	1592	Type of Rating Code	1	O/Z	ID	2/2

Syntax Notes

02 P0203

Semantic Notes

03 TOA03 describes the status of the license in TOA02.
04 TOA04 indicates the participant's level of activity.
05 TOA05 indicates the sanctioning body or organization of activity.

TOO - Tooth Identification

To identify a tooth by number and, if applicable, one or more tooth surfaces

TRANSACTION SETS USED IN

270 271 276 277 278 835 837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	X	ID	1/3
02	1271	Industry Code	1	X	AN	1/30
03	C005	Tooth Surface	1	O		

Syntax Notes

01	P0102

TOV - Vehicle Use Information

To report usage of a vehicle

TRANSACTION SETS USED IN
186 267

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1599	Hazardous Vehicle Type Code	1	M	ID	2/2
02	374	Date/Time Qualifier	1	X/Z	ID	3/3
03	1250	Date Time Period Format Qualifier	1	X	ID	2/3
04	1251	Date Time Period	1	X	AN	1/35
05	673	Quantity Qualifier	1	X/Z	ID	2/2
06	380	Quantity	1	X	R	1/15

Syntax Notes

02	P020304
05	P0506

Semantic Notes

02	TOV02, TOV03, and TOV04 represent a time span.
05	TOV05 and TOV06 represent the amount of activity in the time span above.

TPB - Business Professional Title

To identify title of an individual within a company

TRANSACTION SETS USED IN

105 113 148 155 179 274

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1634	Business Professional Title Code	1	X	ID	1/3
02	933	Free-form Message Text	1	X/Z	AN	1/264
03	559	Agency Qualifier Code	1	X	ID	2/2
04	822	Source Subqualifier	1	O	AN	1/15

Syntax Notes

01	R0102
03	C0301
04	C0403

Semantic Notes

02	TPB02 is free-form description of the title.

TPD - Trading Partner Detail

To describe attribute of a trading partner

TRANSACTION SETS USED IN

838

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	349	Item Description Type Code	1	M	ID	1/1
02	23	Commodity Code Qualifier	1	X	ID	1/2
03	22	Commodity Code	1	X	AN	1/30
04	352	Description	1	O	AN	1/80

Syntax Notes

02	P0203

TPP - Third Party Payment

To transmit data for third party payments, identifying the third party payer as well as the taxpayer on whose behalf the payment is being made. Third party payments include employment taxes paid by payroll service providers on behalf of employers, payments from employers in response to tax agency orders to garnish employee wages for tax liability, etc.

TRANSACTION SETS USED IN

820

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1049	Tax Payment Type Code	1	M/Z	ID	1/5
02	127	Reference Identification	1	M/Z	AN	1/80
03	373	Date	1	M/Z	DT	8/8
04	1051	Tax Amount	1	M/Z	N2	1/10
05	127	Reference Identification	1	M/Z	AN	1/80
06	93	Name	1	M/Z	AN	1/60
07	127	Reference Identification	1	O/Z	AN	1/80

Semantic Notes

01 TPP01 is the state assigned tax type, based on tax type code table maintained by the Federation of Tax Administrators, code source 153.

02 TPP02 is the identification or registration number of the third party originating the payment.

03 TPP03 is a date applicable to this payment, such as a payroll date, account debit date, or tax period end date.

04 TPP04 is the amount of the payment.

05 TPP05 is the identification number of the taxpayer on whose behalf the payment is being made.

06 TPP06 is the name of the taxpayer on whose behalf the payment is being made.

07 TPP07 is an optional second identification number for the taxpayer on whose behalf the payment is being made, such as a case number.

TRD - Trade Item Ingredient Details

To specify the ingredients, product strength and unit of measure information and specifies what type of substance or drug category the ingredients is identified with.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	738	Measurement Qualifier	1	M/Z	ID	1/3
02	128	Reference Identification Qualifier	1	O	ID	2/3
03	C068	Composite Ingredient Information	1	X/Z		
04	739	Measurement Value	1	X/Z	R	1/20
05	C001	Composite Unit of Measure	1	X		
06	1814	Precursor Status	1	O/Z	ID	2/2
07	559	Agency Qualifier Code	1	X	ID	2/2
08	751	Product Description Code	1	X	AN	1/12
09	739	Measurement Value	1	X	R	1/20
10	C001	Composite Unit of Measure	1	X		
11	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
12	739	Measurement Value	1	O/Z	R	1/20
13	1815	Controlled Drug	1	O/Z	ID	4/4
14	739	Measurement Value	1	X	R	1/20
15	C001	Composite Unit of Measure	1	X		
16	1816	Narcotic	1	O/Z	ID	4/4
17	739	Measurement Value	1	X	R	1/20
18	C001	Composite Unit of Measure	1	X		

Syntax Notes

03	P030405
07	P07080910
14	P1415
17	P1718

Semantic Notes

01	If TRD01 is PAA, PAB or PAC, then TRD03 is required
03	TRD03 is the name of the ingredient identified by TRD01
04	TRD04 is the common chemical name for the ingredient identified in TRD03. Only provided if different than TRD03.
06	If TRD06 equals PA or PB, TRD07 is required
11	When TRD11 equals Y the Drug Product Contains Targeted Substance, when TRD11 equals N the Drug Product DOES NOT Contain Targeted Substance
11	When TRD11 equals Y TRD12 is required
12	TRD12 measurement value is always the Pure Base Ratio with 4 digit decimal
13	When TRD13 equals CON1, CON2 or CON3 then TRD14 is required

16 When TRD16 equals NAR1, NAR2 or NAR3 then TRD17 is required

Comments

01 When TRD01 equals BQP Base Quantity Per Package, then TRD04 equals Ratio Value, and TRD05 equals grams

04 TRD04 is value of measure for the ingredient identified in TRD03

06 TRD06, TRD07, TRD08, TRD09 and TRD10 further describe the ingredient identified by TRD01

TRF - Rating Factors

To specify rating information used to calculate usage-sensitive charges

TRANSACTION SETS USED IN

811

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	673	Quantity Qualifier	1	M	ID	2/2
02	C001	Composite Unit of Measure	1	M		
03	380	Quantity	1	M	R	1/15
04	C001	Composite Unit of Measure	1	M		
05	380	Quantity	1	M	R	1/15

Comments

01	TRF01 defines the rating basis (e.g., acknowledged calls, minimum period, etc.) for the segment.
02	TRF02 and TRF03 define equivalent units per standard unit.
04	TRF04 and TRF05 define the standard unit.

TRL - Equipment Usage Information

To provide relevant data regarding equipment usage

TRANSACTION SETS USED IN
227

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	578	Equipment Status Code	1	M	ID	1/2
02	373	Date	1	X/Z	DT	8/8
03	337	Time	1	O/Z	TM	4/8
04	145	Shipment Identification Number	1	O	AN	1/30
05	901	Reject Reason Code	1	O	ID	2/2

Syntax Notes

03 C0302

Semantic Notes

02 TRL02 represents the date the status in TRL01 occurred .
03 TRL03 represents the time the status in TRL01 occurred.

TRN - Trace

To uniquely identify a transaction to an application

TRANSACTION SETS USED IN

103 202 205 261 262 269 270 271 274 275 276 277 278 500 521 813 820 821 823 827 829 831 835 926

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	481	Trace Type Code	1	M	ID	1/2
02	127	Reference Identification	1	M/Z	AN	1/80
03	509	Originating Company Identifier	1	O/Z	AN	10/10
04	127	Reference Identification	1	O/Z	AN	1/80

Semantic Notes

02 TRN02 provides unique identification for the transaction.

03 TRN03 identifies an organization.

04 TRN04 identifies a further subdivision within the organization.

TRP - Terpenes Information

To specify a product's terpenes information and related characteristics

TRANSACTION SETS USED IN

832

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1870	Terpenes Type	1	X	ID	3/3
02	C079	Composite Multiple Language Extended Text Information	1	X/Z		
03	C081	Composite Multi-UOM Range Minimum and Maximum	1	O/Z		

Syntax Notes

01 R0102

Semantic Notes

02 Specify the "other" terpene type

03 Specify the anticipated amount of all terpenes per 1g of product.

Comments

03 The anticipated total amount of all terpenes per 1g of product. Example: A Premium Milled Flower Cannabis product has terpenes minimum amount of 0.5 mg/g (5 %) and maximum amount of 1 mg/g (10%).

TRS - Tax Rate

To provide information for a change in filing requirements for a particular tax type

TRANSACTION SETS USED IN

150

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	306	Action Code	1	M	ID	1/2
02	369	Free-form Description	1	O	AN	1/45
03	954	Percentage as Decimal	1	O	R	1/10
04	1073	Yes/No Condition or Response Code	1	O	ID	1/1
05	1499	Rate Application Code	1	O	ID	2/2

Comments

02 TRS02 is used for class of goods or services.

03 TRS03 is used for the tax rate.

04 TRS04 is used to indicate that the tax rate applies within jurisdiction (resident) (Y) or outside of jurisdiction (non-resident) (N).

TRT - Trade Item Type

To identify and provide information about a healthcare regulated product including ingredients with measurement values.

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	687	Class of Trade Code	1	M	ID	2/2
02	128	Reference Identification Qualifier	1	M	ID	2/3
03	127	Reference Identification	1	M	AN	1/80
04	C068	Composite Ingredient Information	1	O/Z		
05	128	Reference Identification Qualifier	1	X	ID	2/3
06	127	Reference Identification	1	X	AN	1/80
07	739	Measurement Value	1	X/Z	R	1/20
08	C001	Composite Unit of Measure	1	X		

Syntax Notes

05 P0506

07 P0708

Semantic Notes

04 To identify and provide information about a healthcare regulated product including ingredients with measurement values.

07 The TRT07 is the strength/measurement value of the ingredient specified in TRT04 with the unit of measurement provided in TRT08. (Example: 500 mg)

Comments

02 If TRT02 is present with code DIN (Drug Identification Number), NPN (Natural Health Product Number), MDL (Medical Device License Number), TC2 must be used.

05 When TRT02 equals DIN or NPN TRT05 equals code AIG with TRT06 providing the Active Ingredient Group Number

TS - Tariff Section

To define the beginning of a section that contains specific tariff information; it will define tariff information that follows

TRANSACTION SETS USED IN

106

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	978	Tariff Section Identifier	1	O	AN	1/4
02	169	Tariff Item Number	1	O	AN	1/16
03	973	Tariff Item Suffix	1	O	AN	1/4
04	980	Tariff Section ID Code	1	O	ID	2/2
05	122	Rate/Value Qualifier	1	O	ID	2/2
06	40	Equipment Description Code	1	O	ID	2/2
07	352	Description	1	O/Z	AN	1/80

Semantic Notes

07 TS07 is the free-form description of tariff section information that follows.

TS2 - Transaction Supplemental Statistics

To provide supplemental summary control information by provider fiscal year and bill type

TRANSACTION SETS USED IN
835

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	782	Monetary Amount	1	O/Z	R	1/18
02	782	Monetary Amount	1	O/Z	R	1/18
03	782	Monetary Amount	1	O/Z	R	1/18
04	782	Monetary Amount	1	O/Z	R	1/18
05	782	Monetary Amount	1	O/Z	R	1/18
06	782	Monetary Amount	1	O/Z	R	1/18
07	380	Quantity	1	O/Z	R	1/15
08	782	Monetary Amount	1	O/Z	R	1/18
09	782	Monetary Amount	1	O/Z	R	1/18
10	380	Quantity	1	O/Z	R	1/15
11	380	Quantity	1	O/Z	R	1/15
12	380	Quantity	1	O/Z	R	1/15
13	380	Quantity	1	O/Z	R	1/15
14	380	Quantity	1	O/Z	R	1/15
15	782	Monetary Amount	1	O/Z	R	1/18
16	380	Quantity	1	O/Z	R	1/15
17	782	Monetary Amount	1	O/Z	R	1/18
18	782	Monetary Amount	1	O/Z	R	1/18
19	782	Monetary Amount	1	O/Z	R	1/18

Semantic Notes

01 TS201 is the total diagnosis related group (DRG) amount.
02 TS202 is the total federal specific amount.
03 TS203 is the total hospital specific amount.
04 TS204 is the total disproportionate share amount.
05 TS205 is the total capital amount.
06 TS206 is the total indirect medical education amount.
07 TS207 is the total number of outlier days.
08 TS208 is the total day outlier amount.
09 TS209 is the total cost outlier amount.
10 TS210 is the diagnosis related group (DRG) average length of stay.
11 TS211 is the total number of discharges.
12 TS212 is the total number of cost report days.
13 TS213 is the total number of covered days.
14 TS214 is total number of non-covered days.

15 TS215 is the total Medicare Secondary Payer (MSP) pass- through amount calculated for a non-Medicare payer.

16 TS216 is the average diagnosis-related group (DRG) weight.

17 TS217 is the total prospective payment system (PPS) capital, federal-specific portion, diagnosis-related group (DRG) amount.

18 TS218 is the total prospective payment system (PPS) capital, hospital-specific portion, diagnosis-related group (DRG) amount.

19 TS219 is the total prospective payment system (PPS) disproportionate share, hospital diagnosis-related group (DRG) amount.

TS3 - Transaction Statistics

To supply provider-level control information

TRANSACTION SETS USED IN
835

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	1331	Facility Code Value	1	M	AN	1/3
03	373	Date	1	M/Z	DT	8/8
04	380	Quantity	1	M/Z	R	1/15
05	782	Monetary Amount	1	M/Z	R	1/18
06	782	Monetary Amount	1	O/Z	R	1/18
07	782	Monetary Amount	1	O/Z	R	1/18
08	782	Monetary Amount	1	O/Z	R	1/18
09	782	Monetary Amount	1	O/Z	R	1/18
10	782	Monetary Amount	1	O/Z	R	1/18
11	782	Monetary Amount	1	O/Z	R	1/18
12	782	Monetary Amount	1	O/Z	R	1/18
13	782	Monetary Amount	1	O/Z	R	1/18
14	782	Monetary Amount	1	O/Z	R	1/18
15	782	Monetary Amount	1	O/Z	R	1/18
16	782	Monetary Amount	1	O/Z	R	1/18
17	782	Monetary Amount	1	O/Z	R	1/18
18	782	Monetary Amount	1	O/Z	R	1/18
19	782	Monetary Amount	1	O/Z	R	1/18
20	782	Monetary Amount	1	O/Z	R	1/18
21	782	Monetary Amount	1	O/Z	R	1/18
22	782	Monetary Amount	1	O/Z	R	1/18
23	380	Quantity	1	O/Z	R	1/15
24	782	Monetary Amount	1	O/Z	R	1/18

Semantic Notes

01 TS301 is the provider number.
03 TS303 is the last day of the provider's fiscal year.
04 TS304 is the total number of claims.
05 TS305 is the total of reported charges.
06 TS306 is the total of covered charges.
07 TS307 is the total of noncovered charges.
08 TS308 is the total of denied charges.
09 TS309 is the total provider payment.
10 TS310 is the total amount of interest paid.
11 TS311 is the total contractual adjustment.

TS312 is the total Gramm-Rudman Reduction.
TS313 is the total Medicare Secondary Payer (MSP) primary payer amount.
TS314 is the total blood deductible amount in dollars.
TS315 is the summary of non-lab charges.
TS316 is the total coinsurance amount.
TS317 is the Healthcare Common Procedure Coding System (HCPCS) reported charges.
TS318 is the total Healthcare Common Procedure Coding System (HCPCS) payable amount.
TS319 is the total deductible amount.
TS320 is the total professional component amount.
TS321 is the total Medicare Secondary Payer (MSP) patient liability met.
TS322 is the total patient reimbursement.
TS323 is the total periodic interim payment (PIP) number of claims.
TS324 is total periodic interim payment (PIP) adjustment.

TSD - Trailer Shipment Details

To specify details of shipments on a trailer

TRANSACTION SETS USED IN

212 856

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O/Z	AN	1/20
02	219	Position	1	O	AN	1/3

Semantic Notes

01 TSD01 indicates the loading sequence and relative shipment position on the trailer.

TSI - Automatic Equipment Tag Status Information

To indicate the status of an automatic equipment identification tag and associated information

TRANSACTION SETS USED IN

160

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1554	Tag Status Code	1	O	ID	1/1
02	1271	Industry Code	1	O/Z	AN	1/30
03	380	Quantity	1	O/Z	R	1/15
04	380	Quantity	1	O/Z	R	1/15

Semantic Notes

02 TSI02 is the Association of American Railroads Tag Type Code.

03 TSI03 is the number of handshakes on Antenna '0'.

04 TSI04 is the number of handshakes on Antenna '1'.

TSP - Test Period or Interval

To describe a specific period or interval at which tests are performed

TRANSACTION SETS USED IN
863

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1312	Test Period or Interval Qualifier	1	M	ID	2/2
02	350	Assigned Identification	1	O	AN	1/20
03	1313	Test Period or Interval Value	1	X	N0	1/6
04	344	Unit of Time Period or Interval Code	1	X	ID	2/2

Syntax Notes

03 P0304

Comments

02 TSP02 is used to further expand TSP01 as a qualifier.

TST - Test Score Record

To provide information about national, regional, state, or local tests that a student has taken

TRANSACTION SETS USED IN
130 138 189 252

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1155	Educational Test or Requirement Code	1	M	ID	1/3
02	93	Name	1	O	AN	1/60
03	1250	Date Time Period Format Qualifier	1	X	ID	2/3
04	1251	Date Time Period	1	X/Z	AN	1/35
05	127	Reference Identification	1	O/Z	AN	1/80
06	127	Reference Identification	1	O	AN	1/80
07	1131	Level of Individual, Test, or Course Code	1	O/Z	ID	2/2
08	1131	Level of Individual, Test, or Course Code	1	O/Z	ID	2/2
09	1251	Date Time Period	1	O/Z	AN	1/35
10	1156	Test Norm Type Code	1	O	ID	1/1
11	1157	Test Norming Period Code	1	O	ID	1/1
12	819	Language Code	1	O	ID	2/3
13	1251	Date Time Period	1	O/Z	AN	1/35
14	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
15	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
16	1159	Test Score Interpretation Code	1	O	ID	1/1
17	1558	Academic Summary Source Code	1	O	ID	1/1

Syntax Notes

03 P0304

Semantic Notes

04 TST04 refers to the date the test was administered.

05 TST05 and TST06 refer to the form and the level of the test, respectively.

07 TST07 refers to the grade level of the student at the time the test was taken.

08 TST08 refers to the typical grade level at which the test is given.

09 TST09 refers to the year the test was normed.

09 TST09 has the format CCYY.

13 TST13 has the format CCYY.

13 TST13 refers to the date associated with the test.

14 TST14 indicates whether the test information is revised. A "Y" indicates that the test information is revised; an "N" indicates that the test information is not revised.

15 TST15 indicates whether the test administration referred to is invalidated. A "Y" indicates that the test administration referred to is invalidated; an "N" indicates that the test administration is not invalidated.

TSU - Transaction Summary

To provide specific transaction summary information

TRANSACTION SETS USED IN

821

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	1	M	ID	1/3
02	1271	Industry Code	1	M	AN	1/30
03	782	Monetary Amount	1	M/Z	R	1/18
04	380	Quantity	1	O/Z	R	1/15
05	380	Quantity	1	O/Z	R	1/15
06	373	Date	1	O/Z	DT	8/8
07	337	Time	1	X	TM	4/8
08	623	Time Code	1	O	ID	2/2

Syntax Notes

08 C0807

Semantic Notes

03 TSU03 is a monetary amount which summarizes a group of detailed transactions.

04 TSU04 is the summary number of financial transactions identified in TSU02.

05 TSU05 allows for detailed identification of the number of transactions identified in TSU04. As an example, when summarizing a checklist which contains several batches of checks, TSU04 would contain the summary number of batches, and TSU05 would contain the detailed number of checks.

06 TSU06 is the date on which the group of detailed transactions was processed by the financial institution.

TT - Term Text

To specify general term text in a rate docket

TRANSACTION SETS USED IN

490

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	M	N0	1/9
02	449	Fixed Format Information	1	M	AN	1/80

Comments

01	TT01 is the number indicating the line sequence.

TTI - Texture and Thickness Information

To specify the textures, thickness, and test method of a product, for example, texture of food and thickness of drink

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1856	Product Texture and Thickness	1	M	ID	3/3
02	C080	Composite Multiple Language Textural Data Information 4096 Characters	1	M/Z		

Semantic Notes

02 Specify testing method by the brand owner as noted on the product packaging. Describe and confirm the flow or textural characteristics of a particular product at the time of testing.

TUD - Trade Union Data

To allow for the identification of trade union data related to a specific location or product line

TRANSACTION SETS USED IN

838

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	705	Trade Union Code	1	M	ID	2/2
02	66	Identification Code Qualifier	1	X	ID	1/2
03	67	Identification Code	1	X	AN	2/80

Syntax Notes

02	P0203

TXI - Tax Information

To specify tax information

TRANSACTION SETS USED IN

112 124 140 142 148 154 187 215 263 283 810 811 812 820 823 832 850 851 855 857 860 865 894 895

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	963	Tax Type Code	1	M	ID	2/2
02	782	Monetary Amount	1	X/Z	R	1/18
03	954	Percentage as Decimal	1	X/Z	R	1/10
04	955	Tax Jurisdiction Code Qualifier	1	X	ID	2/2
05	956	Tax Jurisdiction Code	1	X	AN	1/10
06	441	Tax Exempt Code	1	X	ID	1/1
07	662	Relationship Code	1	O/Z	ID	1/1
08	828	Dollar Basis For Percent	1	O	R	1/9
09	325	Tax Identification Number	1	O	AN	1/20
10	350	Assigned Identification	1	O	AN	1/20
11	352	Description	1	O/Z	AN	1/80
12	380	Quantity	1	O/Z	R	1/15
13	1035	Name Last or Organization Name	1	O/Z	AN	1/80

Syntax Notes

02 R020306
04 P0405
08 C0803

Semantic Notes

02 TXI02 is the monetary amount of the tax.
03 TXI03 is the tax percent expressed as a decimal.
07 TXI07 is a code indicating the relationship of the price or amount to the associated segment.
11 TXI11 describes the tax type listed in TXI01.
12 TXI12 is the quantity of trade items subject to the tax in TXI01.
13 TXI13 is the name of the taxing authority.

Comments

01 If the TXI01 code does not sufficiently describe the tax type, use of TXI11 is recommended.

TXN - Transaction Capabilities

To indicate EDI transaction capabilities

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

838

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	306	Action Code	1	M	ID	1/2
02	455	Responsible Agency Code	1	X	ID	1/2
03	143	Transaction Set Identifier Code	1	X	ID	3/3
04	480	Version / Release / Industry Identifier Code	1	X/Z	AN	1/12
05	306	Action Code	1	M	ID	1/2
06	124	Application Receiver's Code	1	O	AN	2/15
07	142	Application Sender's Code	1	O	AN	2/15
08	373	Date	1	O/Z	DT	8/8
09	337	Time	1	O	TM	4/8
10	C053	Standards Information	1	X		

Syntax Notes

02	P020304
04	E0410

Semantic Notes

04	Use either TXN04 or TXN10 to identify the EDI standard and implementation guideline for which a capability is being reported.
08	If used, TXN08 and TXN09 indicate the effective date and time.

TXP - Tax Payment

To identify tax payment data

TRANSACTION SETS USED IN
820 823

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	325	Tax Identification Number	1	M	AN	1/20
02	1049	Tax Payment Type Code	1	M	ID	1/5
03	373	Date	1	M	DT	8/8
04	817	Tax Information Identification Number	1	M	AN	1/30
05	1051	Tax Amount	1	M	N2	1/10
06	817	Tax Information Identification Number	1	X	AN	1/30
07	1051	Tax Amount	1	X	N2	1/10
08	817	Tax Information Identification Number	1	X	AN	1/30
09	1051	Tax Amount	1	X	N2	1/10
10	1050	Taxpayer Verification	1	O	AN	1/6

Syntax Notes

06 P0607
08 P0809

Comments

02 The tax type code TXP02 is a code from a code list maintained by the Federation of Tax Administrators (FTA).

UC - Underwriting Category

To identify the category of underwriting data being transmitted

TRANSACTION SETS USED IN
186 252 267

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1136	Code Category	1	M	ID	2/2
02	127	Reference Identification	1	O/Z	AN	1/80
03	127	Reference Identification	1	X/Z	AN	1/80
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

04 C0403

Semantic Notes

02 UC02 is the form number used by the information provider.

03 UC03 is the question number used by the information provider.

04 UC04 indicates the answer to the question defined in UC03. A "Y" indicates answer is a positive response; an "N" indicates a negative response.

UCS - Underwriting Considerations

To report personal health and medical history data

TRANSACTION SETS USED IN
186 267

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1136	Code Category	1	O	ID	2/2
02	352	Description	1	O/Z	AN	1/80
03	349	Item Description Type Code	1	X	ID	1/1
04	352	Description	1	X/Z	AN	1/80
05	235	Product/Service ID Qualifier	1	X	ID	2/2
06	234	Product/Service ID	1	X	AN	1/80
07	1470	Number	1	X/Z	N0	1/9
08	C001	Composite Unit of Measure	1	X		

Syntax Notes

03	P0304
05	P0506
07	P0708

Semantic Notes

02	UCS02 is the actual response regarding health details.
04	UCS04 describes the interpreted health details.
07	UCS07 is the age at onset of health condition.

UD - Underwriting Status

To identify and describe underwriting status of submitted applications

TRANSACTION SETS USED IN
186 267 273

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	546	Status Code	1	M	ID	2/2
02	546	Status Code	1	O	ID	2/2
03	1209	Underwriting Decision Code	1	O	ID	1/1
04	373	Date	1	O/Z	DT	8/8
05	352	Description	1	O/Z	AN	1/80
06	1123	Offer Basis Code	1	O	ID	2/3
07	554	Assigned Number	1	O/Z	N0	1/9
08	1123	Offer Basis Code	1	O	ID	2/3
09	554	Assigned Number	1	O	N0	1/9
10	352	Description	1	O/Z	AN	1/80
11	954	Percentage as Decimal	1	X/Z	R	1/10
12	610	Amount	1	X	N2	1/15
13	1470	Number	1	O/Z	N0	1/9
14	156	State or Province Code	1	O/Z	ID	2/2
15	26	Country Code	1	O	ID	2/3
16	156	State or Province Code	1	O/Z	ID	2/2
17	26	Country Code	1	O	ID	2/3

Syntax Notes

10 L101112

Semantic Notes

04 UD04 is the date of the underwriting decision.
05 UD05 is the reason for the underwriting decision.
07 UD07 and UD09 are used to indicate the underwriting level.
10 UD10 is used to describe the reason for the flat extra.
11 UD11 is used to describe the percentage of a rating.
13 UD13 describes the number of years special rating conditions are applicable.
14 UD14 and UD15 are used to indicate the place where the application was signed.
16 UD16 and UD17 are used to indicate the location of the delivery of the policy.

UDA - Underwriting Condition

To specify the condition under which insurance coverage is offered

TRANSACTION SETS USED IN

111 273

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1123	Offer Basis Code	1	M	ID	2/3
02	352	Description	1	O/Z	AN	1/80
03	673	Quantity Qualifier	1	X	ID	2/2
04	380	Quantity	1	X	R	1/15
05	355	Unit or Basis for Measurement Code	1	O/Z	ID	2/2
06	610	Amount	1	O/Z	N2	1/15
07	954	Percentage as Decimal	1	O/Z	R	1/10

Syntax Notes

03	P0304
05	C050304
06	C060304

Semantic Notes

02	UDA02 is the reason for the condition under which the coverage is offered.
05	UDA05 is the length of time, such as years, months, or days, for which the condition applies.
06	UDA06 is the amount of a flat extra rating.
07	UDA07 is a table rating expressed as a percentage.

UIT - Unit Detail

To specify item unit data

TRANSACTION SETS USED IN

325 830 841 844 845 846 849 862 863 866 867 883 888

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C001	Composite Unit of Measure	1	M		
02	212	Unit Price	1	X	R	1/17
03	639	Basis of Unit Price Code	1	O	ID	2/2

Syntax Notes

03		C0302

UM - Health Care Services Review Information

To specify health care services review information

TRANSACTION SETS USED IN

278

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1525	Request Category Code	1	M	ID	1/2
02	1322	Certification Type Code	1	O	ID	1/1
03	1271	Industry Code	1	O/Z	AN	1/30
04	C023	Health Care Service Location Information	1	O		
05	C024	Related Causes Information	1	O		
06	1338	Level of Service Code	1	O	ID	1/3
07	1213	Current Health Condition Code	1	O	ID	1/1
08	923	Prognosis Code	1	O	ID	1/1
09	1363	Release of Information Code	1	O	ID	1/1
10	1514	Delay Reason Code	1	O	ID	1/2

Semantic Notes

03 UM03 is the Service Type (Code Source 958).

UPI - Universal Product Identification

To specify trade item characteristic information.

TRANSACTION SETS USED IN

897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	1	O	AN	1/20
02	235	Product/Service ID Qualifier	1	M	ID	2/2
03	234	Product/Service ID	1	M	AN	1/80
04	355	Unit or Basis for Measurement Code	1	M/Z	ID	2/2
05	1800	Display Type Code	1	O	ID	3/3
06	C065	Product Unit Indicator	1	O		
07	1803	StockIndicator Code	1	O	ID	1/1
08	306	Action Code	1	O	ID	1/2
09	1802	Production Type	1	O	ID	2/2
10	380	Quantity	1	O/Z	R	1/15
11	1804	Life Cycle Status Code	1	O	ID	1/1
12	C066	Selling or Ordering Product Basis Code	1	O		

Semantic Notes

04	UPI04 describes the hierarchical level of the trade item. Examples: "CASE", "PALLET" etc.
10	UPI10 identifies the number of components in the "Case or Each" of UPI04.
10	The number of components when the product is a Kit identified in UPI06

UQS - Underwriting Question

To report information provider underwriting data in a question and answer format

TRANSACTION SETS USED IN
186 267

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	127	Reference Identification	1	M/Z	AN	1/80
02	127	Reference Identification	1	O/Z	AN	1/80
03	933	Free-form Message Text	1	O/Z	AN	1/264
04	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

01 UQS01 indicates the question number used by the information provider.

02 UQS02 is the form number used by the information provider.

03 UQS03 provides the text version of the answer.

04 UQS04 indicates the answer to the question defined in UQS01. A "Y" indicates a positive response; an "N" indicates a negative response.

UR - Peer Review Organization or Utilization Review

To specify the results of the utilization review

TRANSACTION SETS USED IN
837

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1318	Approval Code	1	M	ID	1/1
02	380	Quantity	1	O/Z	R	1/15

Semantic Notes

02 UR02 is the number of grace days.

USD - Usage-Sensitive Detail

To specify usage-sensitive details which qualify for discounts or are subject to special rates

TRANSACTION SETS USED IN
811

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	662	Relationship Code	1	M/Z	ID	1/1
02	350	Assigned Identification	1	O	AN	1/20
03	118	Rate	1	X/Z	R	1/9
04	954	Percentage as Decimal	1	X/Z	R	1/10
05	C001	Composite Unit of Measure	1	X		
06	380	Quantity	1	X/Z	R	1/15
07	380	Quantity	1	X/Z	R	1/15
08	782	Monetary Amount	1	X	R	1/18
09	610	Amount	1	X/Z	N2	1/15
10	C001	Composite Unit of Measure	1	X		
11	740	Range Minimum	1	X	R	1/20
12	741	Range Maximum	1	X	R	1/20

Syntax Notes

03	E0304
03	L03060708
04	L040809
05	P0506
07	C070506
10	L101112
11	C1110
12	C1210

Semantic Notes

01	USD01 is a code indicating the relationship of the price or amount to the associated segment.
03	USD03 is the allowance or charge rate per unit.
04	USD04 is the discount percentage.
06	USD06 is the quantity of usage.
07	USD07 is a quantity of usage different than the quantity in USD06. When USD07 is present, it is used in conjunction with USD06, and then the rate USD03 is applied.
09	USD09 is the total amount of terms discount.

Comments

03	If both USD03 and USD08 are present, then USD08 takes precedence.
11	If USD11 is present and USD12 is not present, then the range is open ended.
12	If USD12 is present and USD11 is not present, then the minimum is zero.

USI - Unitized Shipment Information

To specify the quantity, number of pallet spaces and stackability of unitized units

TRANSACTION SETS USED IN
753 888

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M	R	1/15
02	211	Packaging Form Code	1	M/Z	ID	3/3
03	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Semantic Notes

02 USI02 defines the quantity in USI01.

03 USI03 identifies whether the unitized handling units are stackable. A "Y" indicates the unitized handling units are stackable; an "N" indicates the unitized handling units are not stackable.

UWI - Underwriting Information

To identify the type of underwriting used to underwrite a mortgage loan

TRANSACTION SETS USED IN
202

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1627	Underwriting Method Code	1	M	ID	1/1
02	93	Name	1	O/Z	AN	1/60
03	611	Disposition Status Code	1	O	ID	2/2
04	127	Reference Identification	1	O/Z	AN	1/80

Semantic Notes

02 UWI02 names the automated underwriting system used.

04 UWI04 is used to identify the version of the underwriting system.

V1 - Vessel Identification

To provide vessel details and voyage number

TRANSACTION SETS USED IN

121 126 272 300 301 304 310 311 312 322 323 324 325 326 353 362 715 810 856

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	597	Vessel Code	1	X	ID	1/8
02	182	Vessel Name	1	X	AN	2/50
03	26	Country Code	1	O/Z	ID	2/3
04	55	Flight/Voyage Number	1	O	AN	2/30
05	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
06	249	Vessel Requirement Code	1	O	ID	1/1
07	854	Vessel Type Code	1	O	ID	2/2
08	897	Vessel Code Qualifier	1	O	ID	1/1
09	91	Transportation Method/Type Code	1	O	ID	1/2

Syntax Notes

01	R0102
08	C0801

Semantic Notes

03	V103 is the code identifying the country in which the ship (vessel) is registered.
05	V105 identifies the ocean carrier.

V2 - Vessel Information

To provide vessel details

TRANSACTION SETS USED IN
311 353

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	310	Location Identifier	1	O/Z	AN	1/30
02	127	Reference Identification	1	O	AN	1/80
03	81	Weight	1	X	R	1/10
04	188	Weight Unit Code	1	X	ID	1/1
05	81	Weight	1	X	R	1/10
06	188	Weight Unit Code	1	X	ID	1/1
07	81	Weight	1	X	R	1/10
08	188	Weight Unit Code	1	X	ID	1/1
09	81	Weight	1	X	R	1/10
10	188	Weight Unit Code	1	X	ID	1/1
11	81	Weight	1	X	R	1/10
12	188	Weight Unit Code	1	X	ID	1/1
13	93	Name	1	O	AN	1/60
14	82	Length	1	O	R	1/8
15	355	Unit or Basis for Measurement Code	1	O	ID	2/2
16	380	Quantity	1	O/Z	R	1/15
17	380	Quantity	1	O/Z	R	1/15

Syntax Notes

03 P0304
05 P0506
07 P0708
09 P0910
11 P1112

Semantic Notes

01 V201 is the place of vessel registry.
16 V216 is the number of crew members.
17 V217 is the number of passengers.

Comments

02 V202 is the vessel registry number.
03 V203 is the vessel net registry tonnage.
05 V205 is the vessel gross registry tonnage.
07 V207 is the vessel containerized cargo tonnage.
09 V209 is the vessel noncontainerized cargo tonnage.
11 V211 is the vessel summer dead weight tonnage.

13 V213 is the name of the master of the vessel.
14 V214 is the length of the vessel.

V3 - Vessel Schedule

To transmit vessel scheduling information

TRANSACTION SETS USED IN

304 311

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	318	Current Port of Loading	1	M	AN	2/24
02	373	Date	1	M/Z	DT	8/8
03	316	Next Port of Discharge	1	O	AN	2/24
04	373	Date	1	O/Z	DT	8/8

Semantic Notes

02 V302 is the date of departure of the vessel.

04 V304 is the estimated arrival date at the port of discharge.

V4 - Cargo Location Reference

To specify the cargo location on board the vessel

TRANSACTION SETS USED IN

310 322 324 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	877	Vessel Stowage Location	1	M	AN	1/12

V5 - Vessel Identification

To specify vessel code

TRANSACTION SETS USED IN

601 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	897	Vessel Code Qualifier	1	M	ID	1/1
02	597	Vessel Code	1	M	ID	1/8
03	26	Country Code	1	M	ID	2/3

V9 - Event Detail

To specify information about a specific event

TRANSACTION SETS USED IN

109 110 161 273 300 301 303 304 310 312 315 323 325 350 417 426 455 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	304	Event Code	1	M	ID	3/3
02	106	Event	1	O	AN	1/25
03	373	Date	1	O/Z	DT	8/8
04	337	Time	1	X/Z	TM	4/8
05	19	City Name	1	X	AN	2/30
06	156	State or Province Code	1	O	ID	2/2
07	26	Country Code	1	O	ID	2/3
08	641	Status Reason Code	1	O	ID	3/3
09	154	Standard Point Location Code	1	X/Z	ID	6/9
10	380	Quantity	1	X/Z	R	1/15
11	1274	Train Delay Reason Code	1	X	AN	2/3
12	61	Free-form Information	1	O	AN	1/30
13	623	Time Code	1	O/Z	ID	2/2
14	380	Quantity	1	O/Z	R	1/15
15	154	Standard Point Location Code	1	O/Z	ID	6/9
16	86	Total Equipment	1	O/Z	N0	1/3
17	86	Total Equipment	1	O/Z	N0	1/3
18	86	Total Equipment	1	O/Z	N0	1/3
19	81	Weight	1	O/Z	R	1/10
20	82	Length	1	O/Z	R	1/8

Syntax Notes

06 C0605
10 P1011
13 C1304
15 C1509

Semantic Notes

03 V903 is the event date.
04 V904 is the event time.
09 V909 is the Standard Point Location Code (SPLC) of the event shown in the V901.
10 V910 is the length of the time delay expressed in hours.
13 V913 reflects the time zone which the event time reflects.
14 V914 is the quantity of the fuel in gallons.
15 V915 is the Standard Point Location Code (SPLC) of the secondary point of the delay indicated in the V911.
16 V916 is the total number of rail cars associated with the event code in V901.

V917 is the total number of loaded cars associated with the event code in V901.

V918 is the total number of empty cars associated with the event code in V901.

V919 is the total Gross Tons of the cars identified in V916. Includes the gross weight of the loads and the tare weight of the empties.

V920 is the total outside foot length of the cars identified in V916, rounded off to the nearest foot.

VAD - Vehicle Advice Detail

To provide detail for vehicle application edit results

TRANSACTION SETS USED IN
126

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	539	Vehicle Identification Number	1	M	AN	1/30
02	76	Invoice Number	1	O	AN	1/22
03	782	Monetary Amount	1	O	R	1/18
04	118	Rate	1	O	R	1/9
05	838	Dealer Code	1	O	AN	2/9
06	127	Reference Identification	1	O/Z	AN	1/80
07	647	Application Error Condition Code	1	O	ID	1/3
08	647	Application Error Condition Code	1	O	ID	1/3
09	647	Application Error Condition Code	1	O	ID	1/3
10	374	Date/Time Qualifier	1	X	ID	3/3
11	373	Date	1	X	DT	8/8

Syntax Notes

10 P1011

Semantic Notes

06 VAD06 is the shipper's authorization number for nonstandard move.

Comments

08 Use VAD08 and VAD09 when more than one application error exists.

VAR - Credit File Variation

To identify variations discovered in credit items or tradelines

TRANSACTION SETS USED IN

200

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	67	Identification Code	1	M/Z	AN	2/80
02	127	Reference Identification	1	O/Z	AN	1/80
03	608	Credit File Variation Code	1	O	ID	2/2
04	608	Credit File Variation Code	1	O	ID	2/2
05	608	Credit File Variation Code	1	O	ID	2/2
06	608	Credit File Variation Code	1	O	ID	2/2
07	608	Credit File Variation Code	1	O	ID	2/2

Semantic Notes

01 VAR01 identifies the credit repository reporting the tradeline.

02 VAR02 identifies the credit file identifier or hit level for the particular credit repository.

VAT - Vehicle Attribute

Identifies attributes associated with a vehicle

TRANSACTION SETS USED IN
124 187 272

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1271	Industry Code	1	O/Z	AN	1/30
02	522	Amount Qualifier Code	1	X	ID	1/3
03	610	Amount	1	X	N2	1/15
04	100	Currency Code	1	O	ID	3/3
05	750	Product/Process Characteristic Code	1	X/Z	ID	2/3
06	559	Agency Qualifier Code	1	X	ID	2/2
07	822	Source Subqualifier	1	X	AN	1/15
08	1271	Industry Code	1	X/Z	AN	1/30
09	352	Description	1	O	AN	1/80
10	380	Quantity	1	X/Z	R	1/15
11	355	Unit or Basis for Measurement Code	1	O	ID	2/2
12	752	Surface/Layer/Position Code	1	O/Z	ID	2/2

Syntax Notes

02	P0203
06	P060708
08	C0805
11	C1110

Semantic Notes

01	VAT01 is used to specify the vehicle equipment type code.
05	VAT05 is used to identify the characteristic being defined.
08	VAT08 is the specific value that further identifies the product characteristic code.
10	VAT10 and VAT11 are used to further describe the equipment being identified.
10	VAT10 is used to indicate the number of units. (To specify six cylinders, VAT10 would specify a quantity of six and VAT11 would indicate cylinders.)
12	VAT12 is the location of the attribute on the vehicle.

VC - Motor Vehicle Control

To define motor vehicle identification and logistics

TRANSACTION SETS USED IN

120 121 125 127 309 326 355 404 410 417 426 456 858 859 928

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	539	Vehicle Identification Number	1	M	AN	1/30
02	836	Vehicle Deck Position Code	1	O	ID	2/2
03	837	Vehicle Type Code	1	O	ID	1/1
04	838	Dealer Code	1	O	AN	2/9
05	1	Route Code	1	O/Z	AN	1/13
06	839	Bay Location	1	O	AN	1/6
07	833	Automotive Manufacturers Code	1	O	ID	2/2
08	308	Damage Exception Indicator Code	1	O	ID	1/1
09	835	Supplemental Inspection Code	1	O	ID	1/1
10	583	Factory Car Order Number	1	O	AN	6/10
11	877	Vessel Stowage Location	1	O	AN	1/12
12	1543	Equipment Orientation Code	1	O/Z	ID	1/1
13	310	Location Identifier	1	O/Z	AN	1/30

Semantic Notes

05 VC05 is the automotive manufacturer route code.

12 VC12 is the direction the headlights of the vehicle point.

13 VC13 is the final destination ramp location as assigned by the manufacturer.

VC1 - Vehicle Detail

To define motor vehicle characteristics

TRANSACTION SETS USED IN

120 285

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	397	Color	1	O/Z	AN	1/10
02	397	Color	1	O/Z	AN	1/10
03	1110	Vehicle Dimension	1	O	AN	1/6
04	152	Special Handling Code	1	O	ID	2/3
05	100	Currency Code	1	X	ID	3/3
06	782	Monetary Amount	1	O/Z	R	1/18
07	188	Weight Unit Code	1	O	ID	1/1
08	81	Weight	1	O	R	1/10
09	90	Measurement Unit Qualifier	1	O	ID	1/1
10	65	Height	1	O	R	1/8
11	82	Length	1	O	R	1/8
12	189	Width	1	O	R	1/8
13	184	Volume Unit Qualifier	1	X	ID	1/1
14	183	Volume	1	X	R	1/8
15	310	Location Identifier	1	O/Z	AN	1/30

Syntax Notes

06	C0605
13	P1314

Semantic Notes

01	VC101 is the primary or upper color of the vehicle.
02	VC102 is the lower color of the vehicle.
06	VC106 is the vehicle invoice amount to be collected from consignee by carrier upon delivery.
15	VC115 indicates the location at which an in-transit vehicle will be tested for emissions.

VDI - Value Description or Information

To provide detailed description of a financial value

TRANSACTION SETS USED IN
205 872

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1136	Code Category	1	O	ID	2/2
02	C046	Composite Qualifier Identifier	1	X/Z		
03	380	Quantity	1	X	R	1/15
04	954	Percentage as Decimal	1	X	R	1/10
05	782	Monetary Amount	1	X	R	1/18
06	1470	Number	1	X/Z	N0	1/9
07	1470	Number	1	O/Z	N0	1/9
08	1250	Date Time Period Format Qualifier	1	X	ID	2/3
09	1251	Date Time Period	1	X/Z	AN	1/35
10	344	Unit of Time Period or Interval Code	1	O	ID	2/2
11	380	Quantity	1	X/Z	R	1/15
12	649	Multiplier	1	O/Z	R	1/10
13	1072	Rounding System Code	1	O	ID	1/1
14	1085	Loan Payment Type Code	1	O	ID	2/2
15	1085	Loan Payment Type Code	1	O	ID	2/2

Syntax Notes

02	L02030405
03	E0304
03	C0302
04	C0402
05	C0502
07	C0706
08	P0809
10	C1011

Semantic Notes

02	VDI02 describes the value detail that qualifies the quantity in VDI03, the percent value in VDI04, and the monetary amount in VDI05.
06	VDI06 indicates the sequential number of the payment at which a value detail option can occur or a value detail option period begins.
07	VDI07 indicates the sequential number of the payment at which a value detail option period ends.
09	VDI09 contains the date or time associated with the value detail.
11	VDI11 contains the term associated with the value detail.
12	VDI12 indicates the multiplier to be used in rounding the value.

VEH - Vehicle Information

To provide descriptions that identify a specific vehicle

TRANSACTION SETS USED IN

124 148 187 266 267 270 271 272 284 285 286 309 350 355 358 359 601 603 811 820

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	554	Assigned Number	1	O	N0	1/9
02	539	Vehicle Identification Number	1	X	AN	1/30
03	1095	Year	1	O	N0	4/4
04	559	Agency Qualifier Code	1	X/Z	ID	2/2
05	127	Reference Identification	1	X/Z	AN	1/80
06	127	Reference Identification	1	O/Z	AN	1/80
07	127	Reference Identification	1	X/Z	AN	1/80
08	82	Length	1	O/Z	R	1/8
09	127	Reference Identification	1	O/Z	AN	1/80
10	156	State or Province Code	1	X/Z	ID	2/2
11	310	Location Identifier	1	O/Z	AN	1/30
12	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
13	610	Amount	1	O/Z	N2	1/15
14	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
15	610	Amount	1	O/Z	N2	1/15
16	306	Action Code	1	O	ID	1/2
17	26	Country Code	1	X/Z	ID	2/3
18	93	Name	1	X/Z	AN	1/60
19	26	Country Code	1	X/Z	ID	2/3
20	40	Equipment Description Code	1	O	ID	2/2
21	127	Reference Identification	1	X	AN	1/80
22	128	Reference Identification Qualifier	1	X	ID	2/3
23	322	Load/Empty Status Code	1	O	ID	1/1
24	127	Reference Identification	1	O/Z	AN	1/80
25	127	Reference Identification	1	O/Z	AN	1/80
26	1715	Country Subdivision Code	1	X	ID	1/9

Syntax Notes

04	L040507
05	C0504
06	C060405
07	C0704
10	E1026
10	C1017
18	P1819
20	L200221

21 P2122
26 C2617

Semantic Notes

04 VEH04 applies to VEH05, VEH06, and VEH07.
05 VEH05 is the vehicle make.
06 VEH06 is the vehicle model.
07 VEH07 is the vehicle style.
08 VEH08 is the length of a vehicle measured in feet.
09 VEH09 is the vehicle reference number.
10 VEH10 is the vehicle registration state or province.
11 VEH11 is used to identify a territory as defined by trading partners.
12 VEH12 is the used car indicator. A "Y" indicates the vehicle is a used vehicle; an "N" indicates the vehicle is a new vehicle. A value of "U" indicating 'unknown' cannot be used.
13 VEH13 is the original cost of the vehicle when it was new (i.e., OCN - original cost new).
14 VEH14 is the vehicle altered indicator. A "Y" indicates the vehicle was altered; an "N" indicates the vehicle was not altered. A value of "U" indicating 'unknown' cannot be used.
15 VEH15 is the value of alterations for a vehicle.
17 VEH17 is the Country of the State in VEH10 or the country subdivision in VEH26.
18 VEH18 is the Name of the Vehicle Owner.
19 VEH19 is the Residence Country of the Vehicle Owner in VEH18.
24 VEH24 is the transponder number of the vehicle.
25 VEH25 is the Department of Transportation (DOT) Number of the vehicle.

VID - Conveyance Identification

To identify a conveyance and its attributes

TRANSACTION SETS USED IN
309 350 355 358 359 601

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	40	Equipment Description Code	1	M	ID	2/2
02	206	Equipment Initial	1	O	AN	1/4
03	207	Equipment Number	1	M	AN	1/15
04	225	Seal Number	1	O	AN	1/15
05	225	Seal Number	1	O	AN	1/15
06	567	Equipment Length	1	O	N0	4/5
07	65	Height	1	O	R	1/8
08	189	Width	1	O	R	1/8
09	24	Equipment Type Code	1	O	ID	4/4
10	322	Load/Empty Status Code	1	O	ID	1/1
11	56	Type of Service Code	1	O	ID	2/2
12	310	Location Identifier	1	O/Z	AN	1/30
13	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
14	127	Reference Identification	1	O/Z	AN	1/80
15	156	State or Province Code	1	X/Z	ID	2/2
16	26	Country Code	1	X/Z	ID	2/3
17	127	Reference Identification	1	O/Z	AN	1/80
18	1715	Country Subdivision Code	1	X/Z	ID	1/9
19	512	Import/Export Code	1	O	ID	1/1
20	761	Equipment Number Check Digit	1	O	N0	1/1

Syntax Notes

14	L141518
15	E1518
15	C1516
16	L161518
18	C1816

Semantic Notes

12	VID12 is the Census Schedule K code for the foreign port of loading on a vessel.
13	VID13 is the Standard Carrier Alpha Code (SCAC) of the Haulage Rights Carrier.
14	VID14 is the license plate of the equipment.
15	VID15 is the state or province of the license in the VID14.
16	VID16 is the country of the license in the VID15 or VID18.
17	VID17 is the ACE (Automated Commercial Environment) ID of the equipment identified in the VID03.
18	VID18 is the country subdivision of the license in the VID14.

VIT - Manufacturer Mineral, Vitamin, and Nutrient Declaration

Specifying the mineral, vitamin, nutrient, or other ingredient claims as declared on the product packaging

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1321	Condition Indicator Code	1	M	ID	2/3
02	738	Measurement Qualifier	1	M	ID	1/3

VR - Rate Origin

To provide rate-origin information

TRANSACTION SETS USED IN

129

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	353	Transaction Set Purpose Code	1	M	ID	2/2
02	171	Tariff Number	1	M	AN	1/7
03	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
04	66	Identification Code Qualifier	1	M	ID	1/2
05	67	Identification Code	1	M/Z	AN	2/80
06	100	Currency Code	1	M	ID	3/3
07	168	Tariff Agency Code	1	O	ID	1/4
08	173	Tariff Supplement Identifier	1	O	AN	1/4
09	46	Ex Parte	1	O	AN	4/4

Semantic Notes

03 VR03 is the rate owner.

05 VR05 is the origin location from which rates are based.

VRC - Vehicle Recovery

To provide information about the recovery of a vehicle

TRANSACTION SETS USED IN
272

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1250	Date Time Period Format Qualifier	1	X	ID	2/3
02	1251	Date Time Period	1	X/Z	AN	1/35
03	380	Quantity	1	O/Z	R	1/15
04	1426	Recovery Condition Code	1	O	ID	1/2
05	1425	Recovery Classification Code	1	O	ID	1/2

Syntax Notes

01 P0102

Semantic Notes

02 VRC02 is used to specify the date the item was recovered.
03 VRC03 is used to specify the mileage reading of the vehicle's odometer.

W01 - Line Item Detail - Warehouse

To transmit basic and most frequent shipment-related line-item data elements

TRANSACTION SETS USED IN
940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M/Z	R	1/15
02	355	Unit or Basis for Measurement Code	1	M	ID	2/2
03	438	U.P.C. Case Code	1	X	AN	12/12
04	235	Product/Service ID Qualifier	1	X	ID	2/2
05	234	Product/Service ID	1	X	AN	1/80
06	235	Product/Service ID Qualifier	1	X	ID	2/2
07	234	Product/Service ID	1	X	AN	1/80
08	59	Freight Class Code	1	O	AN	2/5
09	121	Rate Class Code	1	O	ID	1/3
10	23	Commodity Code Qualifier	1	X	ID	1/2
11	22	Commodity Code	1	X	AN	1/30
12	416	Pallet Block and Tiers	1	O	N0	6/6
13	451	Warehouse Lot Number	1	O	AN	1/12
14	286	Product/Service Condition Code	1	O	ID	2/2
15	235	Product/Service ID Qualifier	1	X	ID	2/2
16	234	Product/Service ID	1	X	AN	1/80
17	560	Special Services Code	1	O	ID	2/10

Syntax Notes

03	R0304
04	P0405
06	P0607
10	P1011
15	P1516

Semantic Notes

01	W0101 is quantity ordered.

W03 - Total Shipment Information (Warehouse)

To provide totals relating to the shipment

TRANSACTION SETS USED IN
943 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	382	Number of Units Shipped	1	M	R	1/10
02	81	Weight	1	X	R	1/10
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	183	Volume	1	X	R	1/8
05	355	Unit or Basis for Measurement Code	1	X	ID	2/2
06	80	Lading Quantity	1	X	N0	1/7
07	355	Unit or Basis for Measurement Code	1	X	ID	2/2

Syntax Notes

02	P0203
04	P0405
06	P0607

W04 - Item Detail Total

To designate those line items that were shipped

TRANSACTION SETS USED IN

943

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	382	Number of Units Shipped	1	M	R	1/10
02	355	Unit or Basis for Measurement Code	1	M	ID	2/2
03	438	U.P.C. Case Code	1	X	AN	12/12
04	235	Product/Service ID Qualifier	1	X	ID	2/2
05	234	Product/Service ID	1	X	AN	1/80
06	235	Product/Service ID Qualifier	1	X	ID	2/2
07	234	Product/Service ID	1	X	AN	1/80
08	59	Freight Class Code	1	O	AN	2/5
09	121	Rate Class Code	1	O	ID	1/3
10	23	Commodity Code Qualifier	1	X	ID	1/2
11	22	Commodity Code	1	X	AN	1/30
12	416	Pallet Block and Tiers	1	O	N0	6/6
13	844	Inbound Condition Hold Code	1	O	ID	2/2
14	235	Product/Service ID Qualifier	1	X	ID	2/2
15	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

03	R0304
04	P0405
06	P0607
10	P1011
14	P1415

W05 - Shipping Order Identification

To transmit identifying numbers and other basic data for this transaction set

TRANSACTION SETS USED IN

940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	473	Order Status Code	1	M	ID	1/1
02	285	Depositor Order Number	1	M	AN	1/22
03	324	Purchase Order Number	1	O	AN	1/22
04	472	Link Sequence Number	1	X	N0	6/6
05	474	Master Reference (Link) Number	1	X	AN	1/22
06	640	Transaction Type Code	1	O	ID	2/2
07	306	Action Code	1	O	ID	1/2
08	92	Purchase Order Type Code	1	O	ID	2/2

Syntax Notes

04	P	0405

W06 - Warehouse Shipment Identification

To provide identifying numbers, dates, and other basic data for this transaction set

TRANSACTION SETS USED IN
943 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	514	Reporting Code	1	M	ID	1/1
02	285	Depositor Order Number	1	O	AN	1/22
03	373	Date	1	O/Z	DT	8/8
04	145	Shipment Identification Number	1	O	AN	1/30
05	531	Agent Shipment ID Number	1	O	AN	1/12
06	324	Purchase Order Number	1	O	AN	1/22
07	474	Master Reference (Link) Number	1	X	AN	1/22
08	472	Link Sequence Number	1	X	N0	6/6
09	152	Special Handling Code	1	O	ID	2/3
10	891	Shipping Date Change Reason Code	1	O	ID	2/2
11	640	Transaction Type Code	1	O	ID	2/2
12	306	Action Code	1	O	ID	1/2

Syntax Notes

07 P0708

Semantic Notes

03 W0603 is the actual date on which shipment was made.

W07 - Item Detail For Stock Receipt

To indicate quantity and condition of product received

TRANSACTION SETS USED IN

944

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M/Z	R	1/15
02	355	Unit or Basis for Measurement Code	1	M	ID	2/2
03	438	U.P.C. Case Code	1	X	AN	12/12
04	235	Product/Service ID Qualifier	1	X	ID	2/2
05	234	Product/Service ID	1	X	AN	1/80
06	235	Product/Service ID Qualifier	1	X	ID	2/2
07	234	Product/Service ID	1	X	AN	1/80
08	451	Warehouse Lot Number	1	O	AN	1/12
09	893	Warehouse Detail Adjustment Identifier Code	1	O	ID	1/1
10	235	Product/Service ID Qualifier	1	X	ID	2/2
11	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

03	R0304
04	P0405
06	P0607
10	P1011

Semantic Notes

01	Quantity received.

W08 - Receipt Carrier Information

To identify carrier equipment and condition

TRANSACTION SETS USED IN

944

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	91	Transportation Method/Type Code	1	M/Z	ID	1/2
02	140	Standard Carrier Alpha Code	1	X	ID	2/4
03	387	Routing	1	O	AN	1/35
04	206	Equipment Initial	1	X/Z	AN	1/4
05	207	Equipment Number	1	X	AN	1/15
06	225	Seal Number	1	O	AN	1/15
07	225	Seal Number	1	O	AN	1/15
08	407	Seal Status Code	1	O	ID	2/2
09	400	Unit Load Option Code	1	O	ID	2/2

Syntax Notes

02 R0204

04 P0405

Semantic Notes

01 If W0801 equals "B", "E", "H", "I", "K", "L", "M", "P", or "T", then W0802 must be present.

04 W0804 is required when W0801 equals "G" or "R".

Comments

02 W0802 is required for motor shipments, and W0803 and W0804 are required for rail shipments.

W09 - Equipment and Temperature

To relate equipment type and required temperatures

TRANSACTION SETS USED IN

300 301 304 310 312 322 324 325 940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	40	Equipment Description Code	1	M	ID	2/2
02	408	Temperature	1	X/Z	R	1/4
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	408	Temperature	1	X/Z	R	1/4
05	355	Unit or Basis for Measurement Code	1	X	ID	2/2
06	3	Free-form Message	1	O/Z	AN	1/60
07	1122	Vent Setting Code	1	O	ID	1/1
08	488	Percent, Integer Format	1	O/Z	N0	1/3
09	380	Quantity	1	O/Z	R	1/15

Syntax Notes

02	P0203
04	P0405

Semantic Notes

02	W0902 is the minimum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0903).
04	W0904 is the maximum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0905).
06	W0906 is used to describe the environment required within an ocean-type, refrigerated container when other than normal air is required.
08	W0908 is the humidity percentage.
09	W0909 is the number of air exchanges per hour.

W1 - Block Identification

To identify the block identification of a specific cut of cars relating to this interchange report

TRANSACTION SETS USED IN

418

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	42	Block Identifier	1	M	AN	1/12

W10 - Warehouse Additional Carrier Information

To transmit shipping information and requirements

TRANSACTION SETS USED IN
943 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	400	Unit Load Option Code	1	O	ID	2/2
02	406	Quantity of Pallets Shipped	1	O	N0	1/3
03	399	Pallet Exchange Code	1	O	ID	1/1
04	225	Seal Number	1	O	AN	1/15
05	225	Seal Number	1	O	AN	1/15
06	408	Temperature	1	X/Z	R	1/4
07	355	Unit or Basis for Measurement Code	1	X	ID	2/2
08	408	Temperature	1	X/Z	R	1/4
09	355	Unit or Basis for Measurement Code	1	X	ID	2/2

Syntax Notes

06 P0607
08 P0809

Semantic Notes

06 W1006 is the minimum allowable temperature condition for shipment (degrees Fahrenheit).
08 W1008 is the maximum allowable temperature condition for shipment (degrees Fahrenheit).

W12 - Warehouse Item Detail

To designate those line items that were shipped

TRANSACTION SETS USED IN

945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	368	Shipment/Order Status Code	1	M/Z	ID	2/2
02	380	Quantity	1	O/Z	R	1/15
03	382	Number of Units Shipped	1	O	R	1/10
04	383	Quantity Difference	1	O	R	1/9
05	355	Unit or Basis for Measurement Code	1	O	ID	2/2
06	438	U.P.C. Case Code	1	X	AN	12/12
07	235	Product/Service ID Qualifier	1	X	ID	2/2
08	234	Product/Service ID	1	X	AN	1/80
09	451	Warehouse Lot Number	1	O	AN	1/12
10	81	Weight	1	X	R	1/10
11	187	Weight Qualifier	1	X	ID	1/2
12	188	Weight Unit Code	1	X	ID	1/1
13	81	Weight	1	X	R	1/10
14	187	Weight Qualifier	1	X	ID	1/2
15	188	Weight Unit Code	1	X	ID	1/1
16	438	U.P.C. Case Code	1	O	AN	12/12
17	235	Product/Service ID Qualifier	1	X	ID	2/2
18	234	Product/Service ID	1	X	AN	1/80
19	892	Line Item Change Reason Code	1	O	ID	2/2
20	893	Warehouse Detail Adjustment Identifier Code	1	O	ID	1/1
21	235	Product/Service ID Qualifier	1	X	ID	2/2
22	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

06	R0607
07	P0708
10	P101112
13	P131415
17	P1718
21	P2122

Semantic Notes

01	Whenever W1201 contains "IS", W1216, W1217, and W1218 refer to the original item ordered.
02	W1202 is quantity ordered.

W13 - Item Detail Exception

To indicate exceptions to quantities and receiving condition for a specific product

TRANSACTION SETS USED IN

944

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M	R	1/15
02	355	Unit or Basis for Measurement Code	1	M	ID	2/2
03	412	Receiving Condition Code	1	M	ID	2/2
04	451	Warehouse Lot Number	1	O	AN	1/12
05	853	Damage Reason Code	1	O/Z	ID	2/2

Semantic Notes

05 W1305 is required when W1303 equals "01" indicating damaged product.

W14 - Total Receipt Information

To indicate total received quantity

TRANSACTION SETS USED IN

944

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M/Z	R	1/15
02	380	Quantity	1	O/Z	R	1/15
03	380	Quantity	1	O/Z	R	1/15
04	380	Quantity	1	O/Z	R	1/15
05	380	Quantity	1	O/Z	R	1/15

Semantic Notes

01	Quantity received.
02	Number of units shipped.
03	Quantity damaged/On-Hold.
04	Lading quantity received.
05	Lading quantity.

W15 - Warehouse Adjustment Identification

To provide identifying numbers and dates and other basic data for this transaction set

TRANSACTION SETS USED IN

947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	373	Date	1	M	DT	8/8
02	31	Adjustment Number	1	X/Z	AN	1/22
03	31	Adjustment Number	1	X/Z	AN	1/22
04	353	Transaction Set Purpose Code	1	O	ID	2/2
05	640	Transaction Type Code	1	O	ID	2/2
06	306	Action Code	1	O	ID	1/2

Syntax Notes

02	R0203

Semantic Notes

02	W1502 is the identification assigned to an inventory level or status adjustment by the warehouse.
03	W1503 is the identification assigned to an inventory level or status adjustment by the depositor.

W17 - Warehouse Receipt Identification

To provide identifying numbers and date

TRANSACTION SETS USED IN

944

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	514	Reporting Code	1	M	ID	1/1
02	373	Date	1	M/Z	DT	8/8
03	394	Warehouse Receipt Number	1	M	AN	1/12
04	285	Depositor Order Number	1	O	AN	1/22
05	145	Shipment Identification Number	1	O	AN	1/30
06	176	Time Qualifier	1	X	ID	1/2
07	337	Time	1	X	TM	4/8
08	474	Master Reference (Link) Number	1	X	AN	1/22
09	472	Link Sequence Number	1	X	N0	6/6

Syntax Notes

06	P0607
08	P0809

Semantic Notes

02	W1702 is the date indicating the receipt of a delivery.

W18 - Probe Temperatures

To indicate receipt temperature by location

TRANSACTION SETS USED IN

944

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	456	Temperature Probe Location Code	1	M	ID	2/2
02	408	Temperature	1	M/Z	R	1/4
03	355	Unit or Basis for Measurement Code	1	O	ID	2/2

Semantic Notes

02 W1802 is the temperature of shipment at receipt.

W19 - Warehouse Adjustment Item Detail

To designate those items that were adjusted

TRANSACTION SETS USED IN

947

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	181	Quantity or Status Adjustment Reason Code	1	M	ID	2/2
02	477	Credit/Debit Quantity	1	M	R	1/10
03	355	Unit or Basis for Measurement Code	1	M	ID	2/2
04	438	U.P.C. Case Code	1	X	AN	12/12
05	235	Product/Service ID Qualifier	1	X	ID	2/2
06	234	Product/Service ID	1	X	AN	1/80
07	235	Product/Service ID Qualifier	1	X	ID	2/2
08	234	Product/Service ID	1	X	AN	1/80
09	451	Warehouse Lot Number	1	O	AN	1/12
10	81	Weight	1	O	R	1/10
11	187	Weight Qualifier	1	X	ID	1/2
12	188	Weight Unit Code	1	X	ID	1/1
13	81	Weight	1	O	R	1/10
14	187	Weight Qualifier	1	X	ID	1/2
15	188	Weight Unit Code	1	X	ID	1/1
16	529	Inventory Transaction Type Code	1	O	ID	1/2
17	235	Product/Service ID Qualifier	1	X	ID	2/2
18	234	Product/Service ID	1	X	AN	1/80

Syntax Notes

04	R0405
05	P0506
07	P0708
10	C101112
13	C131415
17	P1718

W2 - Equipment Identification

To identify equipment and the commodity being carried

TRANSACTION SETS USED IN
228 322 418

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	206	Equipment Initial	1	M	AN	1/4
02	207	Equipment Number	1	M	AN	1/15
03	22	Commodity Code	1	O/Z	AN	1/30
04	40	Equipment Description Code	1	M	ID	2/2
05	578	Equipment Status Code	1	M	ID	1/2
06	577	Net Tons	1	O	N0	1/3
07	177	Intermodal Service Code	1	O	ID	1/2
08	240	Car Service Order Code	1	O	ID	3/5
09	373	Date	1	X/Z	DT	8/8
10	502	Type of Locomotive Maintenance Code	1	X	AN	2/2
11	206	Equipment Initial	1	X	AN	1/4
12	207	Equipment Number	1	X/Z	AN	1/15
13	761	Equipment Number Check Digit	1	O	N0	1/1
14	219	Position	1	O	AN	1/3
15	301	Car Type Code	1	O	ID	1/4
16	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1
17	1554	Tag Status Code	1	O	ID	1/1
18	1543	Equipment Orientation Code	1	O	ID	1/1

Syntax Notes

09 P0910
11 P1112

Semantic Notes

03 Commodity code (W203) is STCC.
09 W209 is the event date.
12 W212 (when available) is the chassis number if W204 equals "CC".
16 W216 indicates if equipment needs repair. A "Y" indicates equipment needs repair; an "N" indicates equipment does not need repair.

Comments

08 W208 is to contain the proper code when an empty car is being returned per ex parte 346, sub. 8. If proper code is unknown, default to 34617.
11 W211 (when available) is the chassis initial if W204 equals "CC". If unknown, use NONZ for chassis initial.

W20 - Line Item Detail - Packing

To specify packing details of the items shipped

TRANSACTION SETS USED IN

940 943 944

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	356	Pack	1	O	N0	1/6
02	357	Size	1	X	R	1/8
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	81	Weight	1	X	R	1/10
05	187	Weight Qualifier	1	X	ID	1/2
06	188	Weight Unit Code	1	X	ID	1/1
07	395	Unit Weight	1	O	R	1/8
08	183	Volume	1	X	R	1/8
09	355	Unit or Basis for Measurement Code	1	X	ID	2/2
10	397	Color	1	O	AN	1/10

Syntax Notes

02	P0203
04	P040506
08	P0809

W27 - Carrier Details (Warehouse)

To specify details of the transportation equipment and carrier routing details

TRANSACTION SETS USED IN
943 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	91	Transportation Method/Type Code	1	M	ID	1/2
02	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
03	387	Routing	1	X	AN	1/35
04	146	Shipment Method of Payment Code	1	O	ID	2/2
05	40	Equipment Description Code	1	O	ID	2/2
06	206	Equipment Initial	1	O/Z	AN	1/4
07	207	Equipment Number	1	O	AN	1/15
08	368	Shipment/Order Status Code	1	O	ID	2/2
09	152	Special Handling Code	1	O	ID	2/3
10	890	Carrier/Route Change Reason Code	1	O	ID	2/2

Syntax Notes

02 R0203

Semantic Notes

02 W2702 is required when W2701 equals "B", "E", "H", "I", "K", "L", "M", "P" or "T".

06 W2706 is required when W2701 equals "R".

Comments

00 Shipment/Order Status Code is used at the total-invoice level only when differences cannot be provided at the line-item level or when the entire order has been shipped complete.

W28 - Consolidation Information

To transmit freight consolidation information

TRANSACTION SETS USED IN
943 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	604	Consolidation Code	1	M	ID	1/1
02	81	Weight	1	X	R	1/10
03	187	Weight Qualifier	1	X	ID	1/2
04	188	Weight Unit Code	1	X	ID	1/1
05	466	Total Stop-offs	1	O	N0	1/2
06	310	Location Identifier	1	X	AN	1/30
07	309	Location Qualifier	1	X	ID	1/2
08	598	Bill of Lading/Waybill Number	1	O/Z	AN	1/50

Syntax Notes

02	P020304
06	P0607

Semantic Notes

08	W2808 is the master bill of lading number, the identification number assigned to a consolidated shipment of orders by the consolidator.

W3 - Consignee Information

To provide sufficient waybill information for delivery of shipment

TRANSACTION SETS USED IN
418 419

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	186	Waybill Number	1	X	N0	1/6
02	373	Date	1	X	DT	8/8
03	576	Abbreviated Customer Name	1	O	AN	2/12
04	19	City Name	1	X	AN	2/30
05	156	State or Province Code	1	X	ID	2/2
06	575	City Name Qualifier Code	1	O	ID	1/1

Syntax Notes

01	P0102
04	P0405
06	C0604

Comments

02	W302 is the waybill date.

W4 - Consignor Information

To provide sufficient information to identify the origin of shipment

TRANSACTION SETS USED IN

418

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	576	Abbreviated Customer Name	1	O	AN	2/12
02	140	Standard Carrier Alpha Code	1	X	ID	2/4
03	573	Freight Station Accounting Code	1	X	ID	1/5
04	19	City Name	1	X	AN	2/30
05	156	State or Province Code	1	X	ID	2/2

Syntax Notes

02	P0203
02	R0204
04	P0405

Comments

04	W404 and W405 are not required if W402 and W403 are supplied.

W5 - Carrier and Route Information

To specify carrier and routing sequences and details

TRANSACTION SETS USED IN
418 419

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M	ID	2/4
02	19	City Name	1	O	AN	2/30
03	140	Standard Carrier Alpha Code	1	O	ID	2/4
04	19	City Name	1	O	AN	2/30
05	140	Standard Carrier Alpha Code	1	O	ID	2/4
06	19	City Name	1	O	AN	2/30

Comments

02	W502, W504, and W506 is the station or city name at which carriers interchange shipments.

W6 - Special Handling Information

To provide special handling information that may be necessary for safe handling of shipment

TRANSACTION SETS USED IN

418 897 940 945

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	152	Special Handling Code	1	M	ID	2/3
02	152	Special Handling Code	1	O	ID	2/3
03	152	Special Handling Code	1	O	ID	2/3
04	152	Special Handling Code	1	O	ID	2/3

W66 - Warehouse Carrier Information

To specify transportation instructions relating to shipment

TRANSACTION SETS USED IN

940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	146	Shipment Method of Payment Code	1	M	ID	2/2
02	91	Transportation Method/Type Code	1	M	ID	1/2
03	399	Pallet Exchange Code	1	O	ID	1/1
04	400	Unit Load Option Code	1	O	ID	2/2
05	387	Routing	1	O	AN	1/35
06	433	F.O.B. Point Code	1	O	ID	2/2
07	434	F.O.B. Point	1	O	AN	1/30
08	625	COD Method of Payment Code	1	X	ID	1/1
09	610	Amount	1	X/Z	N2	1/15
10	140	Standard Carrier Alpha Code	1	O	ID	2/4

Syntax Notes

08 P0809

Semantic Notes

09 W6609 is the monetary amount of the charges to be collected on delivery of order.

W76 - Total Shipping Order

To specify summary details of total items shipped in terms of quantity, weight, and volume

TRANSACTION SETS USED IN

940

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	380	Quantity	1	M/Z	R	1/15
02	81	Weight	1	X	R	1/10
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	183	Volume	1	X	R	1/8
05	355	Unit or Basis for Measurement Code	1	X	ID	2/2
06	398	Order Sizing Factor	1	O	R	1/10

Syntax Notes

02 P0203
04 P0405
06 C0603

Semantic Notes

01 W7601 is quantity ordered.

Comments

01 Quantity ordered (W7601) is a hash total and the unit of measure is not required.

WIN - Wine Information

To specify wine composition and related characteristics

TRANSACTION SETS USED IN
832 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	C073	Composite Grape Varietal Sequence	1	O		
02	1825	Color	1	O/Z	ID	2/3
03	C074	Composite Date Time Period	1	O/Z		
04	1831	Wine Quality Designation	1	O	ID	2/3

Semantic Notes

02 WIN02 indicates the color of the wine

03 WIN03 indicates one or more grape harvest years, as part of a particular wine composition

WLD - Workload Detail

To provide information on a workload task

TRANSACTION SETS USED IN
132

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	66	Identification Code Qualifier	1	X/Z	ID	1/2
02	67	Identification Code	1	X	AN	2/80
03	1142	Academic Grade or Course Level Code	1	O	ID	1/2
04	1131	Level of Individual, Test, or Course Code	10	O	ID	2/2
05	609	Count	1	O/Z	N0	1/9
06	1430	Day Rotation	1	O/Z	AN	1/7
07	609	Count	5	O/Z	N0	1/9
08	93	Name	1	O/Z	AN	1/60
09	1132	Instructional Setting Code	1	O	ID	1/2
10	954	Percentage as Decimal	1	O/Z	R	1/10

Syntax Notes

01	P0102

Semantic Notes

01	WLD01 and WLD02 identify the workload task, e.g. a course, assignment, or other activity.
05	WLD05 indicates the period occurrence number for the workload task.
06	WLD06 indicates the days of the week on which the workload task is performed.
07	WLD07 indicates the weeks of the month in which the workload task is performed. Positionality of occurrences of WLD07 is not significant.
08	WLD08 indicates the name of the workload task.
10	WLD10 indicates the percent of time spent on the workload task.

WS - Work Schedule

To specify an individual's work schedule

TRANSACTION SETS USED IN
148 274

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	678	Ship/Delivery or Calendar Pattern Code	1	M/Z	ID	1/2
02	337	Time	1	O/Z	TM	4/8
03	337	Time	1	O/Z	TM	4/8

Semantic Notes

01 WS01 is the work schedule day(s) of week.
02 WS02 is the work start time using local time zone of the work place.
03 WS03 is the work end time using local time zone of the work place.

X01 - Automated Manifest Archive Status Details

To specify the automated manifest in the U.S. Customs and Border Protection (CBP) system that is pending archive or actually archived

TRANSACTION SETS USED IN
354

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	309	Location Qualifier	1	M	ID	1/2
03	310	Location Identifier	1	M/Z	AN	1/30
04	897	Vessel Code Qualifier	1	X	ID	1/1
05	597	Vessel Code	1	X	ID	1/8
06	182	Vessel Name	1	O	AN	2/50
07	55	Flight/Voyage Number	1	O	AN	2/30
08	374	Date/Time Qualifier	1	O	ID	3/3
09	373	Date	1	O	DT	8/8
10	380	Quantity	1	O/Z	R	1/15

Syntax Notes

04 P0405

Semantic Notes

01 X0101 is the carrier's Standard Carrier Alpha Code (SCAC) code

03 X0103 is used for Customs District port of unlading

10 X0110 is the number of open bills remaining on the manifest

Comments

08 When X0108 is "162" it designates the pending archive date. When X0108 is "163" it designates the actual date archived.

09 X0109 use pending archive date or actual date archived

X02 - Automated Manifest Bills Eligible/Overdue Archive Details

To specify bills of lading overdue archive

TRANSACTION SETS USED IN

354

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
02	140	Standard Carrier Alpha Code	1	M/Z	ID	2/4
03	598	Bill of Lading/Waybill Number	1	M/Z	AN	1/50
04	140	Standard Carrier Alpha Code	1	X/Z	ID	2/4
05	598	Bill of Lading/Waybill Number	1	X/Z	AN	1/50

Syntax Notes

04 P0405

Semantic Notes

01 X0201 is the carrier's Standard Carrier Alpha Code (SCAC).
02 X0202 is the unique bill of lading issuer code.
03 X0203 is the unique bill of lading number.
04 X0204 is the issuer code for the consolidated shipment.
05 X0205 is the consolidated bill number.

X1 - Export License

To transmit information contained on an export license

TRANSACTION SETS USED IN

104 215 304 309 310 311 355 358 404 417 601 841 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	83	Code For Licensing, Certification, Registration, or Accreditation Agency	1	O	ID	1/2
02	50	Export License Number	1	O	AN	6/35
03	51	Export License Status Code	1	O	ID	1/1
04	373	Date	1	O/Z	DT	8/8
05	52	Export License Symbol Code	1	O	ID	1/2
06	48	Export License Control Code	1	O	ID	1/1
07	26	Country Code	1	O	ID	2/3
08	141	Schedule B Code	1	O	ID	7/10
09	210	International/Domestic Code	1	O	ID	1/1
10	80	Lading Quantity	1	O	N0	1/7
11	148	Lading Value	1	O	R	2/9
12	47	Export Filing Key Code	1	O	ID	1/1
13	355	Unit or Basis for Measurement Code	1	O	ID	2/2
14	212	Unit Price	1	O	R	1/17
15	1306	U.S. Government License Type	1	O	AN	1/1
16	67	Identification Code	1	O/Z	AN	2/80
17	310	Location Identifier	1	O/Z	AN	1/30

Semantic Notes

04 X104 is the export license expiration date.

16 X116 is the export classification code number (ECCN).

17 X117 is the Schedule D designation for the central location where the Shipper Export Declarations (SEDs) have been batch filed.

X2 - Import License

To transmit import license number and effective dates

TRANSACTION SETS USED IN
104 215 304 310 311 841 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	70	Import License Number	1	M	AN	6/30
02	373	Date	1	O/Z	DT	8/8
03	373	Date	1	O/Z	DT	8/8
04	70	Import License Number	1	X	AN	6/30
05	373	Date	1	O/Z	DT	8/8
06	373	Date	1	O/Z	DT	8/8

Syntax Notes

05 C0504
06 C0604

Semantic Notes

02 X202 is the date the import license was issued.
03 X203 is the date the import license expires.
05 X205 is the date the import license was issued.
06 X206 is the date the import license expires.

Comments

04 X204 through X206 are used to transmit letter of credit amendment or addendum information.

X4 - Customs Release Information

To identify items for release

TRANSACTION SETS USED IN
350

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	598	Bill of Lading/Waybill Number	1	O/Z	AN	1/50
02	380	Quantity	1	O/Z	R	1/15
03	581	Customs Entry Type Code	1	X	ID	2/3
04	601	Customs Entry Number	1	X	AN	1/50
05	373	Date	1	M/Z	DT	8/8
06	337	Time	1	X/Z	TM	4/8
07	35	Bill of Lading Disposition Code	1	M	ID	2/3
08	598	Bill of Lading/Waybill Number	1	X	AN	1/50
09	140	Standard Carrier Alpha Code	1	M	ID	2/4
10	140	Standard Carrier Alpha Code	1	X	ID	2/4
11	206	Equipment Initial	1	O	AN	1/4
12	207	Equipment Number	1	O	AN	1/15
13	310	Location Identifier	1	O	AN	1/30
14	310	Location Identifier	1	O/Z	AN	1/30
15	128	Reference Identification Qualifier	1	X	ID	2/3
16	127	Reference Identification	1	X	AN	1/80
17	623	Time Code	1	O/Z	ID	2/2
18	310	Location Identifier	1	O/Z	AN	1/30
19	310	Location Identifier	1	O/Z	AN	1/30
20	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

03	P0304
08	P0810
15	P1516
17	C1706
18	C1803
19	C1903

Semantic Notes

01	X401 is the unique bill of lading number.
02	X402 is used for quantity released.
05	X405 is the date that the disposition code was posted to Customs file.
06	X406 is the time for the disposition specified in X407.
14	X414 is the U.S. Customs and Border Protection (CBP) Facilities Information and Resource Management System (FIRMS) code or the Canadian Customs Sub-Location code.
17	X417 reflects the time zone which the time reflects.

18 X418 is the Customs port of final destination.

19 X419 is the first foreign port of destination.

20 X420 is the disposition code re-sent indicator. A 'Y' value indicates the disposition code is being resent due to a Port of Discharge or Vessel Name change. An 'N' value indicates there was no disposition code re-send required.

Comments

08 X408 is the unique bill of lading number for consolidated shipments.

09 X409 is the unique bill of lading issuer code.

10 X410 is the issuer code for the consolidated shipment.

13 X413 is the Customs district port of transaction.

18 X418 is a 4 digit numeric Census Schedule D. It is the port of destination if X403 is 61. It is the port of export if X403 is 62 or 63.

19 X419 is a 5 digit numeric Census Schedule K if X403 is 62 or 63.

X7 - Customs Information

To indicate customs information

TRANSACTION SETS USED IN

404 410 417 841

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	61	Free-form Information	1	M	AN	1/30
02	61	Free-form Information	1	O	AN	1/30

XD - Placement/Pull Data

To define the status and positioning of cars within the location

TRANSACTION SETS USED IN
423 433

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	617	Switch Type Code	1	O	ID	2/2
02	310	Location Identifier	1	O/Z	AN	1/30
03	310	Location Identifier	1	O/Z	AN	1/30
04	322	Load/Empty Status Code	1	O	ID	1/1
05	901	Reject Reason Code	1	O	ID	2/2

Semantic Notes

02 XD02 is the Zone, Track, Spot (ZTS) number for the FROM location of the move.

03 XD03 is the Zone, Track, Spot (ZTS) number for the TO location of the move.

XH - Pro Forma - B13 Information

To specify a pro forma invoice and B13 Canada Customs Export Declaration information, required by U.S. Customs and Border Protection (CBP) and Canada Customs

TRANSACTION SETS USED IN
404 417 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	100	Currency Code	1	M	ID	3/3
02	645	Related Company Indication Code	1	O	ID	1/1
03	150	Special Charge or Allowance Code	1	O	ID	3/3
04	610	Amount	1	O/Z	N2	1/15
05	503	Block 20 Code	1	O	ID	1/1
06	504	Chemical Analysis Percentage	1	O/Z	N2	2/9
07	212	Unit Price	1	O/Z	R	1/17

Semantic Notes

04 XH04 for a line item: is the freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified.

06 XH06 will contain percentage of a component of a product which is required by customs to be reported.

07 XH07 will contain unit price of the item being shipped.

Comments

00 This segment is to be used for shipments originating in Canada only.

XPO - Preassigned Purchase Order Numbers

To transmit preassigned purchase order numbers

TRANSACTION SETS USED IN

830 852

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	324	Purchase Order Number	1	M/Z	AN	1/22
02	324	Purchase Order Number	1	O	AN	1/22
03	66	Identification Code Qualifier	1	X	ID	1/2
04	67	Identification Code	1	X	AN	2/80

Syntax Notes

03 P0304

Semantic Notes

01 XPO01 is the preassigned purchase order number. If a range of purchase order numbers is to be transmitted, use XPO01 for the first number and XPO02 as the ending number.

Comments

03 XPO03 and XPO04 specify the location to which the purchase order numbers apply.

XQ - Reporting Date/Action

To specify reporting dates, actions to be taken and an identifying number

TRANSACTION SETS USED IN

852

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	305	Transaction Handling Code	1	M	ID	1/2
02	373	Date	1	M/Z	DT	8/8
03	373	Date	1	O	DT	8/8
04	127	Reference Identification	1	O/Z	AN	1/80
05	353	Transaction Set Purpose Code	1	O	ID	2/2

Semantic Notes

02 XQ02 is the reporting date. If reporting a date range, then XQ02 is the start date and XQ03 is the end date.

04 XQ04 is a unique report identifier assigned by the sender.

Y1 - Space Reservation Request

To specify information used to make a reservation for space on an ocean vessel

TRANSACTION SETS USED IN

300

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	135	Sailing/Flight Date Estimated	1	O	DT	8/8
02	373	Date	1	X/Z	DT	8/8
03	140	Standard Carrier Alpha Code	1	O	ID	2/4
04	91	Transportation Method/Type Code	1	O	ID	1/2
05	98	Entity Identifier Code	1	O	ID	2/3
06	19	City Name	1	O	AN	2/30
07	156	State or Province Code	1	O	ID	2/2
08	375	Tariff Service Code	1	O	ID	2/2
09	374	Date/Time Qualifier	1	X	ID	3/3

Syntax Notes

02 P0209

Semantic Notes

02 Y102 is the date the shipment for which space reservation is requested to be available at the origin.

Y2 - Container Details

To specify container information and transportation service to be used

TRANSACTION SETS USED IN

300 304 310 311

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	95	Number of Containers	1	M	N0	1/4
02	78	Container Type Request Code	1	O	ID	1/1
03	56	Type of Service Code	1	O	ID	2/2
04	24	Equipment Type Code	1	M	ID	4/4
05	91	Transportation Method/Type Code	1	O	ID	1/2
06	177	Intermodal Service Code	1	O	ID	1/2
07	140	Standard Carrier Alpha Code	1	O	ID	2/4
08	464	Container Terms Code	1	O	ID	3/3
09	465	Container Terms Code Qualifier	1	O	ID	1/1
10	466	Total Stop-offs	1	O	N0	1/2

Y3 - Space Confirmation

To specify confirmation information for space booking including numbers, dates, and load time

TRANSACTION SETS USED IN

301

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	13	Booking Number	1	M	AN	1/17
02	140	Standard Carrier Alpha Code	1	O	ID	2/4
03	373	Date	1	O/Z	DT	8/8
04	373	Date	1	O/Z	DT	8/8
05	154	Standard Point Location Code	1	O	ID	6/9
06	112	Pier Name	1	O	AN	2/14
07	373	Date	1	O/Z	DT	8/8
08	337	Time	1	X/Z	TM	4/8
09	91	Transportation Method/Type Code	1	O	ID	1/2
10	375	Tariff Service Code	1	O	ID	2/2
11	623	Time Code	1	O/Z	ID	2/2

Syntax Notes

11 C1108

Semantic Notes

03 Y303 is the date of departure of the vessel.

04 Y304 is the estimated arrival date at the port of discharge.

07 Y307 is the required pier date.

08 Y308 is the load time.

11 Y311 is the time zone which the time reflects.

Comments

01 If space is available, all of the conditional data elements in segment Y3 are required. If the requested space is not available, Y301 is the booking number 'decline'.

Y4 - Container Release

To transmit information relative to containers available for release

TRANSACTION SETS USED IN

301

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	13	Booking Number	1	O/Z	AN	1/17
02	13	Booking Number	1	O	AN	1/17
03	373	Date	1	O/Z	DT	8/8
04	154	Standard Point Location Code	1	O/Z	ID	6/9
05	95	Number of Containers	1	O	N0	1/4
06	24	Equipment Type Code	1	O	ID	4/4
07	140	Standard Carrier Alpha Code	1	O/Z	ID	2/4
08	309	Location Qualifier	1	X	ID	1/2
09	310	Location Identifier	1	X	AN	1/30
10	56	Type of Service Code	1	O	ID	2/2

Syntax Notes

08 P0809

Semantic Notes

01 Y401 is used for the first booking number and Y402 for the last booking number in a range of numbers. If only one booking number is used, Y402 is omitted.

03 Y403 is the date of container availability for pickup.

04 Y404 is the Standard Point Location Code (SPLC) of the container pickup location.

07 Y407 identifies the carrier to whom containers will be released, if known.

Y5 - Space Booking Cancellation

To specify booking number for cancellation

TRANSACTION SETS USED IN

303

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	13	Booking Number	1	M	AN	1/17

Y6 - Authentication

To specify the authority for authorizing an action and the date authentication is made

TRANSACTION SETS USED IN

135 300 301 303 304 310 311 312 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	313	Authority Identifier Code	1	O	ID	2/2
02	151	Authority	1	M	AN	1/20
03	275	Authorization Date	1	M	DT	8/8

Y7 - Cargo Booking Priority

To assign a priority to a booking which would increase the possibility that this cargo would be booked on said voyage and not be shut out

TRANSACTION SETS USED IN

300 322 858 859

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	467	Priority	1	O	N0	1/1
02	470	Priority Code	1	X	N0	1/1
03	471	Priority Code Qualifier	1	X	AN	1/1
04	468	Port Call File Number	1	O	N0	4/4
05	373	Date	1	O/Z	DT	8/8

Syntax Notes

02 P0203

Semantic Notes

05 Y705 is the date specified by the shipper indicating when the shipment is required at the consignee's location.

YNQ - Yes/No Question

To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

TRANSACTION SETS USED IN

103 124 132 133 135 155 160 179 186 191 194 198 199 200 201 202 203 205 206 252 255 261 262 264 267 272 274 283 284 285 286 304 422 423 540 601 603 625 650 753 810 811 826 832 833 842 850 855 856 872 897

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	1321	Condition Indicator Code	1	X	ID	2/3
02	1073	Yes/No Condition or Response Code	1	M/Z	ID	1/1
03	1250	Date Time Period Format Qualifier	1	X	ID	2/3
04	1251	Date Time Period	1	X	AN	1/35
05	933	Free-form Message Text	1	O	AN	1/264
06	933	Free-form Message Text	1	O	AN	1/264
07	933	Free-form Message Text	1	O	AN	1/264
08	1270	Code List Qualifier Code	1	X	ID	1/3
09	1271	Industry Code	1	X	AN	1/30
10	933	Free-form Message Text	1	X/Z	AN	1/264

Syntax Notes

01	E010910
03	P0304
09	C0908

Semantic Notes

02	YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.
10	YNQ10 contains a free-form question when codified questions are not available.

ZA - Product Activity Reporting

To provide activity details concerning product being reported

TRANSACTION SETS USED IN
852

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	859	Activity Code	1	M	ID	2/2
02	380	Quantity	1	X	R	1/15
03	355	Unit or Basis for Measurement Code	1	X	ID	2/2
04	374	Date/Time Qualifier	1	X	ID	3/3
05	373	Date	1	X	DT	8/8
06	128	Reference Identification Qualifier	1	X	ID	2/3
07	127	Reference Identification	1	X	AN	1/80
08	1073	Yes/No Condition or Response Code	1	O/Z	ID	1/1

Syntax Notes

02	P0203
04	P0405
06	P0607

Semantic Notes

08 ZA08 determines if the product activity code in ZA01 refers to a product that is categorized as In-bond merchandise. A "Y" indicates that the activity code applies to a product that is In-bond; an "N" indicates that the activity code does not refer to a product that is In-bond.

ZC1 - Beginning Segment for Data Correction or Change

To transmit identifying numbers, dates, and other basic data relating to the transaction set

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN
322 404 417 858

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	145	Shipment Identification Number	1	O	AN	1/30
02	206	Equipment Initial	1	O	AN	1/4
03	207	Equipment Number	1	M	AN	1/15
04	244	Transaction Reference Number	1	M	AN	1/50
05	243	Transaction Reference Date	1	M	DT	8/8
06	202	Correction Indicator Code	1	M	ID	2/2
07	140	Standard Carrier Alpha Code	1	M	ID	2/4
08	91	Transportation Method/Type Code	1	M/Z	ID	1/2
09	761	Equipment Number Check Digit	1	O/Z	N0	1/1

Semantic Notes

08 If ZC108 is "R" (Rail), then ZC102 is required.

09 ZC109 is the equipment check digit for the equipment number in ZC103.

Comments

02 For any rail shipment, ZC102 is required.

ZD - Transaction Set Deletion - ID, Reason, and Source

This segment is used to specify the transaction set to be canceled

MANAGEMENT SEGMENT

TRANSACTION SETS USED IN

998

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	143	Transaction Set Identifier Code	1	M	ID	3/3
02	145	Shipment Identification Number	1	O	AN	1/30
03	206	Equipment Initial	1	M	AN	1/4
04	207	Equipment Number	1	M	AN	1/15
05	244	Transaction Reference Number	1	O	AN	1/50
06	243	Transaction Reference Date	1	O	DT	8/8
07	202	Correction Indicator Code	1	M	ID	2/2
08	140	Standard Carrier Alpha Code	1	O	ID	2/4
09	761	Equipment Number Check Digit	1	O/Z	N0	1/1

Semantic Notes

09 ZD09 is the equipment check digit for the equipment number in ZD04.

ZR - Waybill Reference Identification

To transmit identity and reference information of the waybill

TRANSACTION SETS USED IN
426

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	762	Waybill Response Code	1	M	ID	1/1
02	206	Equipment Initial	1	M	AN	1/4
03	207	Equipment Number	1	M	AN	1/15
04	186	Waybill Number	1	X	N0	1/6
05	373	Date	1	X/Z	DT	8/8
06	3	Free-form Message	1	O	AN	1/60
07	140	Standard Carrier Alpha Code	1	O	ID	2/4
08	373	Date	1	O	DT	8/8
09	1127	Interline Settlement System Status Action or Dispute Code	1	O	ID	2/2
10	1127	Interline Settlement System Status Action or Dispute Code	1	O	ID	2/2
11	127	Reference Identification	1	O/Z	AN	1/80
12	127	Reference Identification	1	O/Z	AN	1/80
13	202	Correction Indicator Code	1	O	ID	2/2
14	761	Equipment Number CheckDigit	1	O/Z	N0	1/1
15	206	Equipment Initial	1	X/Z	AN	1/4
16	207	Equipment Number	1	X/Z	AN	1/15

Syntax Notes

04 P0405
15 P1516

Semantic Notes

05 ZR05 is waybill date for the number in ZR04.
11 ZR11 is the Unique Revenue Reference Waybill Identification Number (URRWIN).
12 ZR12 is the Unique Revenue Reference Waybill Identification Number (URRWIN) Version Number.
14 ZR14 is the equipment checkdigit for the equipment number in ZR03.
15 ZR15 is the car initial of the lead car of a multi-car waybill.
16 ZR16 is the car number of the lead car of a multi-car waybill.

ZT - Waybill Request Information

To transmit identity and reference information of the waybill being requested

TRANSACTION SETS USED IN
425

REF	ID	NAME	REPEAT	REQ	TYPE	MIN/MAX
01	214	Waybill Request Code	1	M	ID	1/1
02	206	Equipment Initial	1	M	AN	1/4
03	207	Equipment Number	1	M	AN	1/15
04	186	Waybill Number	1	X	N0	1/6
05	373	Date	1	X/Z	DT	8/8
06	761	Equipment Number CheckDigit	1	O	N0	1/1

Syntax Notes

04 P0405

Semantic Notes

05 ZT05 is waybill date for the number in ZT04.

Introduction to Composite Data Structures

This introduction is not part of this standard and is provided for information only.

Scope

This section provides the specifications of the composite data structures used in the construction of the segments that comprise the transaction sets developed by ASC X12.

Terms and Definitions

X12.6 Application Control Structure contains the formal definitions of terms related to electronic data interchange and ASC X12 Standards. The following definitions are consistent with those formal definitions and are provided in shortened form to aid in the understanding of this section.

Composite Data Structure

A composite data structure consists of two or more logically related component data elements in a defined sequence.

Composite Data Structure Identifier

Each composite data structure has a unique four-character reference identifier, used to locate it in the composite data structure directory. The first character is a "C" and the remaining characters contain digits.

Composite Data Structure Name

This section specifies each composite data structure's name.

Composite Data Structure Description

Each composite data structure is named and defined in a description statement that specifies the purpose of the composite. Where reference is made to a Figures Appendix, refer to the Figures section of this publication.

Used In Reference

The segments in which the composite data structure is used are listed under the heading "Segments Used In," referenced by segment ID. The transaction sets in which the composite data structure is used is listed under the heading "Transaction Sets Used In," referenced by transaction set ID.

Component Data Elements

When component data elements are combined to form a composite data structure, their relationship to the composite data structure is defined by a component data element sequence and a component data element condition designator.

Component Data Element Sequence Number

The sequence number ("C001-01," "C001-02," and so on.) indicates a component data element's position in the composite data structure.

Component Data Element Condition Designator

A component data element is assigned one of three condition designators ("M", "O", or "X") specifying its need to appear within the segment. Relational conditions may also exist between component data elements. See the introduction to Segment Directory for the definitions of these condition designators and relational conditions.

Notes and Comments

Notes and comments are provided to clarify or aid in understanding the intended use of the composite data structure. Notes are part of the standard. Comments are not part of the standard. Comments that are general in nature are identified by the number "00" to the left of the comment.

Deletions

Composite data structures approved for deletion effective for this release appear as flagged entities until the next annual release and will subsequently be removed at that version release.

Composite Data Structures

C001 - Composite Unit of Measure
C002 - Actions Indicated
C003 - Composite Medical Procedure Identifier
C005 - Tooth Surface
C006 - Oral Cavity Designation
C007 - Amount Qualifying Description
C022 - Health Care Code Information
C023 - Health Care Service Location Information
C024 - Related Causes Information
C028 - Assurance Token Parameters
C030 - Position in Segment
C031 - Encryption Key Information
C032 - Encryption Service Information
C033 - Security Token Value
C034 - Computation Methods
C035 - Provider Specialty Information
C036 - Index Identification
C037 - Tax Field Identification
C040 - Reference Identifier
C042 - Adjustment Identifier
C043 - Health Care Claim Status
C045 - Conditions Indicated
C046 - Composite Qualifier Identifier
C047 - Composite Type of Real Estate Asset Code
C048 - Composite Use of Proceeds
C050 - Certificate Look-up Information

C052 - Medicare Status Code
C053 - Standards Information
C055 - Tax Service Non-payment Exception Code
C056 - Composite Race or Ethnicity Information
C057 - Communication Number Component
C058 - Adjustment Reason
C059 - Drug Use Review (DUR)
C060 - Question and Answer
C061 - Member Health and Treatment Information
C062 - Tax Advantage Account Information
C063 - Change Quantities
C064 - Service Type
C065 - Product Unit Indicator
C066 - Selling or Ordering Product Basis Code
C067 - Composite Product Weight Basis
C068 - Composite Ingredient Information
C069 - Composite State or Province Code
C070 - Composite Channel of Distribution
C071 - Composite Multiple Language Text Information
C073 - Composite Grape Varietal Sequence
C074 - Composite Date Time Period
C075 - Composite Added Flavor
C076 - Composite Identification Codes
C077 - Composite Currency
C078 - Composite Dangerous Goods Subsidiary Classification Codes
C079 - Composite Multiple Language Extended Text Information
C080 - Composite Multiple Language Textural Data Information 4096 Characters

C081 - Composite Multi-UOM Range Minimum and Maximum.....
C082 - Sexual Orientation.....
C083 - Gender Identity Information.....
C084 - Pronoun Information.....
C085 - Recorded Sex or Gender.....
C998 - Context Identification.....
C999 - Reference in Segment.....

C001 - Composite Unit of Measure

To identify a composite unit of measure

(See X12 EDI Standard Figures, https://figures.x12.org, for examples of use)

SEGMENTS USED IN

ATR ATV BCS CBS CFT CRT CSF CSS CST CSU CTB CTP EA FAA GDP III INC JID K3 LOC LTR MEA MIC MIR
N12 NCA OPS PAM PD PDE PEX PL POC PRC PSC PSD PTF QTY RCD REA REC RLT RPA SII SIN SLN SPS STA
TIA TRD TRF TRT UCS UIT USD

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 130 131 132 133 135 138 139 140 141 142 143 148 149 150 151 152 153
154 155 159 160 175 176 179 180 185 186 187 188 189 194 195 196 197 198 199 200 201 202 203 204
205 206 215 219 220 228 242 245 249 251 252 255 256 259 260 261 262 263 264 265 266 267 268 270
271 272 273 274 277 280 283 284 285 286 288 290 300 301 304 310 312 325 353 355 362 404 410 412
417 422 423 424 426 432 436 470 500 501 503 511 517 521 527 536 540 561 568 603 620 625 650 754
805 806 810 811 813 814 816 819 820 821 822 823 824 826 829 830 831 832 833 834 835 836 837 838
839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 855 856 857 858 859 860 861 862 863
865 866 867 868 869 870 872 873 874 875 876 878 880 881 883 884 886 887 888 889 890 892 894 897
940 945 996

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	355	Unit or Basis for Measurement Code	M	ID	2/2
02	1018	Exponent	O	R	1/15
03	649	Multiplier	O	R	1/10
04	355	Unit or Basis for Measurement Code	O	ID	2/2
05	1018	Exponent	O	R	1/15
06	649	Multiplier	O	R	1/10
07	355	Unit or Basis for Measurement Code	O	ID	2/2
08	1018	Exponent	O	R	1/15
09	649	Multiplier	O	R	1/10
10	355	Unit or Basis for Measurement Code	O	ID	2/2
11	1018	Exponent	O	R	1/15
12	649	Multiplier	O	R	1/10
13	355	Unit or Basis for Measurement Code	O	ID	2/2
14	1018	Exponent	O	R	1/15
15	649	Multiplier	O	R	1/10

Comments

02	If C001-02 is not used, its value is to be interpreted as 1.
03	If C001-03 is not used, its value is to be interpreted as 1.
05	If C001-05 is not used, its value is to be interpreted as 1.
06	If C001-06 is not used, its value is to be interpreted as 1.
08	If C001-08 is not used, its value is to be interpreted as 1.
09	If C001-09 is not used, its value is to be interpreted as 1.
11	If C001-11 is not used, its value is to be interpreted as 1.

12 If C001-12 is not used, its value is to be interpreted as 1.
14 If C001-14 is not used, its value is to be interpreted as 1.
15 If C001-15 is not used, its value is to be interpreted as 1.

C002 - Actions Indicated

Actions to be performed on the piece of paperwork identified

SEGMENTS USED IN

PWK

TRANSACTION SETS USED IN

105 113 143 147 161 179 186 194 195 198 202 206 252 255 261 262 265 267 272 277 278 280 284 304 310 500 511 536 810 830 832 833 836 837 840 841 842 843 850 855 856 860 865 867 870

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	704	Paperwork/Report Action Code	M	ID	1/2
02	704	Paperwork/Report Action Code	O	ID	1/2
03	704	Paperwork/Report Action Code	O	ID	1/2
04	704	Paperwork/Report Action Code	O	ID	1/2
05	704	Paperwork/Report Action Code	O	ID	1/2

C003 - Composite Medical Procedure Identifier

To identify a medical procedure by its standardized codes and applicable modifiers

SEGMENTS USED IN

DRA EB EQ SV1 SV2 SV3 SV4 SV5 SV6 SVC SVD

TRANSACTION SETS USED IN

269 270 271 275 276 277 278 835 837

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	235	Product/Service ID Qualifier	M/Z	ID	2/2
02	234	Product/Service ID	M/Z	AN	1/80
03	1339	Procedure Modifier	O/Z	AN	2/2
04	1339	Procedure Modifier	O/Z	AN	2/2
05	1339	Procedure Modifier	O/Z	AN	2/2
06	1339	Procedure Modifier	O/Z	AN	2/2
07	352	Description	O/Z	AN	1/80
08	234	Product/Service ID	O/Z	AN	1/80
09	1339	Procedure Modifier	O/Z	AN	2/2
10	1339	Procedure Modifier	O/Z	AN	2/2
11	1339	Procedure Modifier	O/Z	AN	2/2
12	1339	Procedure Modifier	O/Z	AN	2/2

Semantic Notes

01	C003-01 qualifies C003-02 and C003-08.
02	If C003-08 is used, then C003-02 represents the beginning value in the range in which the code occurs.
03	C003-03 modifies the value in C003-02 and C003-08.
04	C003-04 modifies the value in C003-02 and C003-08.
05	C003-05 modifies the value in C003-02 and C003-08.
06	C003-06 modifies the value in C003-02 and C003-08.
07	C003-07 is the description of the procedure identified in C003-02.
08	C003-08 represents the ending value in the range in which the code occurs.
09	C003-09 modifies the value in C003-02 and C003-08.
10	C003-10 modifies the value in C003-02 and C003-08.
11	C003-11 modifies the value in C003-02 and C003-08.
12	C003-12 modifies the value in C003-02 and C003-08.

C005 - Tooth Surface

To identify one or more tooth surface codes

SEGMENTS USED IN

TOO

TRANSACTION SETS USED IN

270 271 276 277 278 835 837

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1369	Tooth Surface Code	M	ID	1/2
02	1369	Tooth Surface Code	O	ID	1/2
03	1369	Tooth Surface Code	O	ID	1/2
04	1369	Tooth Surface Code	O	ID	1/2
05	1369	Tooth Surface Code	O	ID	1/2

C006 - Oral Cavity Designation

To identify one or more areas of the oral cavity

SEGMENTS USED IN

SV3

TRANSACTION SETS USED IN

278 837

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1361	Oral Cavity Designation Code	M	ID	1/3
02	1361	Oral Cavity Designation Code	O	ID	1/3
03	1361	Oral Cavity Designation Code	O	ID	1/3
04	1361	Oral Cavity Designation Code	O	ID	1/3
05	1361	Oral Cavity Designation Code	O	ID	1/3

C007 - Amount Qualifying Description

To qualify an amount

SEGMENTS USED IN
ASO AWD

TRANSACTION SETS USED IN
113 155 259 814

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	522	Amount Qualifier Code	M/Z	ID	1/3
02	522	Amount Qualifier Code	O/Z	ID	1/3
03	1638	Value Detail Code	O/Z	ID	1/1
04	935	Measurement Significance Code	O/Z	ID	2/2
05	344	Unit of Time Period or Interval Code	O/Z	ID	2/2
06	1637	Net/Gross Code	O/Z	ID	1/1
07	935	Measurement Significance Code	O/Z	ID	2/2
08	352	Description	O/Z	AN	1/80
09	1271	Industry Code	X/Z	AN	1/30
10	1270	Code List Qualifier Code	X	ID	1/3

Syntax Notes

09 P0910

Semantic Notes

01 C007-01 is the primary Amount Qualifier Code.

02 C007-02 is used when a compound Amount Qualifier Code is required.

03 C007-03 qualifies the Amount Qualifier Code referenced in C007-01 and C007-02.

04 C007-04 qualifies the Amount Qualifier Code referenced in C007-01 and C007-02.

05 C007-05 defines the time period of the Amount Qualifier Code referenced in C007-01 and C007-02.

06 C007-06 specifies whether the Amount Qualifier Code referenced in C007-01 and C007-02 is net or gross.

07 C007-07 qualifies the amount when an exact amount is not available.

08 C007-08 is used for free-form description of an amount.

09 C007-09 is an industry code from the code list identified in C007-10 that further provides additional information related to the Amount Qualifier Code referenced in C007-01 and C007-02.

Comments

00 This composite data element can be used to break apart the Amount Qualifier Code into its individual components.

08 C007-08 is only used when C007-01 is "FK" (other).

C022 - Health Care Code Information

To send health care codes and their associated dates, amounts and quantities

SEGMENTS USED IN
CLP EB HI

TRANSACTION SETS USED IN
269 270 271 275 278 834 835 837

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1270	Code List Qualifier Code	M/Z	ID	1/3
02	1271	Industry Code	M/Z	AN	1/30
03	1250	Date Time Period Format Qualifier	X/Z	ID	2/3
04	1251	Date Time Period	X	AN	1/35
05	782	Monetary Amount	O	R	1/18
06	380	Quantity	O	R	1/15
07	799	Version Identifier	O/Z	AN	1/30
08	1271	Industry Code	X/Z	AN	1/30
09	1271	Industry Code	X/Z	AN	1/30
10	1271	Industry Code	O/Z	AN	1/30

Syntax Notes

03	P0304
08	E0809

Semantic Notes

01	C022-01 qualifies C022-02, C022-04, C022-05, C022-06, C022-08 and C022-10.
02	If C022-08 is used, then C022-02 represents the beginning value in a range of codes.
03	C022-03 is the date format that will appear in C022-04.
07	C022-07 qualifies C022-01.
08	C022-08 represents the ending value in a range of codes.
09	C022-09 is a value from Code Source 959 for the Present on Admission Indicator.
10	C022-10 is the attribute of the code in C022-02 from the same code list.

Comments

09	C022-09 would only need to be reported when C022-02 is a Diagnosis Code and range of diagnosis codes were NOT given in C022-08.

C023 - Health Care Service Location Information

To provide information that identifies the place of service or the type of bill related to the location at which a health care service was rendered

SEGMENTS USED IN

CLM UM

TRANSACTION SETS USED IN

278 837

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1331	Facility Code Value	M/Z	AN	1/3
02	1332	Facility Code Qualifier	M/Z	ID	1/2
03	1325	Claim Frequency Type Code	O	ID	1/1

Semantic Notes

01 C023-01 does not contain the last position of the Uniform Bill Type Code (the Claim Frequency Code).

02 C023-02 qualifies C023-01.

C024 - Related Causes Information

To identify one or more related causes and associated state or country information

SEGMENTS USED IN

CLM UM

TRANSACTION SETS USED IN

278 837

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1362	Related-Causes Code	M	ID	2/3
02	1362	Related-Causes Code	O	ID	2/3
03	1362	Related-Causes Code	O	ID	2/3
04	156	State or Province Code	O	ID	2/2
05	26	Country Code	O	ID	2/3

Comments

04	C024-04 and C024-05 apply only to auto accidents when C024-01, C024-02, or C024-03 is equal to "AA".

C028 - Assurance Token Parameters

Parameters needed to calculate the Assurance Token

RESTRICTED: NOT TO BE USED IN BUSINESS APPLICATIONS

SEGMENTS USED IN
S3A S4A

TRANSACTION SETS USED IN
993

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1439	Assurance Token Parameter Code	M	ID	2/2
02	1442	Assurance Token Parameter Value	M	AN	1/64
03	1439	Assurance Token Parameter Code	X	ID	2/2
04	1442	Assurance Token Parameter Value	O	AN	1/64
05	1439	Assurance Token Parameter Code	X	ID	2/2
06	1442	Assurance Token Parameter Value	O	AN	1/64
07	1439	Assurance Token Parameter Code	X	ID	2/2
08	1442	Assurance Token Parameter Value	O	AN	1/64
09	1439	Assurance Token Parameter Code	X	ID	2/2
10	1442	Assurance Token Parameter Value	O	AN	1/64
11	1439	Assurance Token Parameter Code	X	ID	2/2
12	1442	Assurance Token Parameter Value	O	AN	1/64
13	1439	Assurance Token Parameter Code	X	ID	2/2
14	1442	Assurance Token Parameter Value	O	AN	1/64
15	1439	Assurance Token Parameter Code	X	ID	2/2
16	1442	Assurance Token Parameter Value	O	AN	1/64
17	1439	Assurance Token Parameter Code	X	ID	2/2
18	1442	Assurance Token Parameter Value	O	AN	1/64
19	1439	Assurance Token Parameter Code	X	ID	2/2
20	1442	Assurance Token Parameter Value	O	AN	1/64

Syntax Notes

04	C0403
06	C0605
08	C0807
10	C1009
12	C1211
14	C1413
16	C1615
18	C1817
20	C2019

C030 - Position in Segment

Code indicating the relative position of the simple data element or composite data structure in error within a segment, count beginning with 1 for the position immediately following the segment ID; additionally indicating the relative position of a repeating structure in error, count beginning with 1 for the position immediately following the preceding data element separator; additionally indicating the relative position of a component of a composite data structure in error, count beginning with 1 for the position following the preceding data element or repetition separator

RESTRICTED: NOT TO BE USED IN BUSINESS APPLICATIONS

SEGMENTS USED IN

AK4 CTX IK4 TED

TRANSACTION SETS USED IN

824 997 999

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	722	Data Element Position in Segment	M	N0	1/2
02	1528	Component Data Element Position in Composite	O	N0	1/2
03	1686	Repeating Data Element Position	O	N0	1/4

C031 - Encryption Key Information

To provide information needed to identify or obtain the encryption key

RESTRICTED: NOT TO BE USED IN BUSINESS APPLICATIONS

SEGMENTS USED IN

S3S S4S

TRANSACTION SETS USED IN

None

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	993	Encryption Key Name	M	AN	1/64
02	1564	Protocol ID Code	O	ID	3/3
03	1566	Keying Material	O	AN	1/512
04	1567	One-time Encryption Key	O	AN	1/512

C032 - Encryption Service Information

Information required by the encryption operation

RESTRICTED: NOT TO BE USED IN BUSINESS APPLICATIONS

SEGMENTS USED IN

S3S S4S

TRANSACTION SETS USED IN

None

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	994	Encryption Service Code	M	ID	1/3
02	1568	Algorithm ID Code	O	ID	3/3
03	1569	Algorithm Mode of Operation Code	O	ID	3/3
04	1570	Filter ID Code	X	ID	3/3
05	799	Version Identifier	X	AN	1/30
06	1571	Compression ID Code	X	ID	3/3
07	799	Version Identifier	X	AN	1/30
08	1704	Length of Initialization Vector	O	N	1/3

Syntax Notes

04	P0405
06	P0607

C033 - Security Token Value

Value of the Security Token

RESTRICTED: NOT TO BE USED IN BUSINESS APPLICATIONS

SEGMENTS USED IN

CSC SVA

TRANSACTION SETS USED IN

815 993

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1572	Security Value Qualifier	M	ID	3/3
02	1573	Encoded Security Value	M	AN	1/9999999999999999

C034 - Computation Methods

Algorithms used to calculate an assurance

RESTRICTED: NOT TO BE USED IN BUSINESS APPLICATIONS

SEGMENTS USED IN

S3A S4A

TRANSACTION SETS USED IN

993

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1574	Assurance Algorithm Code	M	ID	3/3
02	1575	Hashing Algorithm Code	M	ID	3/3

C035 - Provider Specialty Information

To provide provider specialty information

SEGMENTS USED IN

PRV

TRANSACTION SETS USED IN

270 271 275 278 834 837

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1222	Provider Specialty Code	M	AN	1/3
02	559	Agency Qualifier Code	O/Z	ID	2/2
03	1073	Yes/No Condition or Response Code	O/Z	ID	1/1

Semantic Notes

02 C035-02 qualifies C035-01.

03 C035-03 is the provider specialty certification indicator. A "Y" value indicates the provider is certified in the specialty indicated. An "N" value indicates the provider is not certified in the specialty indicated. A "U" value indicates that it is unknown whether the provider is certified in the specialty indicated.

C036 - Index Identification

To identify an index

SEGMENTS USED IN
INX

TRANSACTION SETS USED IN
194

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1395	Configuration Type Code	O	ID	1/1
02	127	Reference Identification	X/Z	AN	1/80
03	127	Reference Identification	X/Z	AN	1/80
04	863	X-Peg	X	R	1/6
05	864	Y-Peg	X	R	1/6

Syntax Notes

02 P0203
02 R0204
04 P0405

Semantic Notes

02 C036-02 is the beginning range sequence number. It is the first cell included in either an absolute or relative load pattern.

03 C036-03 is the ending range sequence number. It is the last cell in an array identified by an absolute load pattern. In a relative load pattern, it is the count of the number of cells included in the array range inclusive of the beginning range sequence number.

Comments

01 Use C036-01 to identify the array loading sequence or pattern.

02 Use C036-02 and C036-03 to express a range of array cell identifiers for which data is to be loaded to the array in an absolute reference or the beginning and total number of cells, inclusive, in a relative load pattern.

04 Use C036-04 and C036-05 to express the cell coordinates for an individual array cell value to be loaded to the array.

C037 - Tax Field Identification

To identify a data field and to indicate the field status

SEGMENTS USED IN

TIA

TRANSACTION SETS USED IN

149 151 245 813 826

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	817	Tax Information Identification Number	M	AN	1/30
02	647	Application Error Condition Code	O	ID	1/3

C040 - Reference Identifier

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

SEGMENTS USED IN

CSC EXI LN2 N9 PDS RDM REF

TRANSACTION SETS USED IN

100 101 102 103 104 105 109 110 111 112 113 120 121 124 130 131 132 133 135 138 140 141 142 143
144 146 147 148 149 151 152 153 154 155 157 159 160 161 170 175 176 179 180 185 186 187 188 189
191 194 195 196 197 198 199 200 201 202 203 205 206 213 228 242 245 248 249 251 252 255 256 259
260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286
288 300 301 304 309 310 311 312 313 315 317 322 324 325 326 350 355 357 358 359 362 404 410 412
414 417 418 421 422 423 426 431 432 435 452 455 456 470 500 501 503 504 511 517 521 527 536 540
561 567 568 601 603 620 625 650 715 754 805 806 810 811 812 813 814 815 816 818 819 820 821 823
824 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848
849 850 851 852 853 855 856 857 858 859 860 861 862 863 864 865 866 867 869 870 872 873 874 875
876 879 880 881 882 884 885 887 888 889 890 891 892 893 894 896 897 940 943 944 945 947

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	128	Reference Identification Qualifier	M	ID	2/3
02	127	Reference Identification	M	AN	1/80
03	128	Reference Identification Qualifier	X	ID	2/3
04	127	Reference Identification	X	AN	1/80
05	128	Reference Identification Qualifier	X	ID	2/3
06	127	Reference Identification	X	AN	1/80

Syntax Notes

03	P0304
05	P0506

C042 - Adjustment Identifier

To provide the category and identifying reference information for an adjustment

SEGMENTS USED IN
PLB

TRANSACTION SETS USED IN
835

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1271	Industry Code	M/Z	AN	1/30
02	127	Reference Identification	O	AN	1/80

Semantic Notes

01 C042-01 identifies the reason for the credit or debit adjustment. See Code Source 967.

C043 - Health Care Claim Status

Used to convey status of the entire claim or a specific service line

SEGMENTS USED IN

STC

TRANSACTION SETS USED IN

248 275 277

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1271	Industry Code	M/Z	AN	1/30
02	1271	Industry Code	M/Z	AN	1/30
03	98	Entity Identifier Code	O/Z	ID	2/3
04	1270	Code List Qualifier Code	O/Z	ID	1/3

Semantic Notes

01 C043-01 (Claim Status Category Codes, Code Source 507) is used to specify the logical groupings of codes used in C043-02.

02 C043-02 is used to identify the status of an entire claim or a service line. Code Source 508 is referenced unless qualified by C043-04.

03 C043-03 identifies the entity associated with the Health Care Claim Status Code.

04 C043-04 is used to identify the Code Source referenced in C043-02.

C045 - Conditions Indicated

To identify one or more conditions qualifying an option or event

SEGMENTS USED IN

CDI

TRANSACTION SETS USED IN

205 872

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1321	Condition Indicator Code	M	ID	2/3
02	1321	Condition Indicator Code	O	ID	2/3
03	1321	Condition Indicator Code	O	ID	2/3
04	1321	Condition Indicator Code	O	ID	2/3
05	1321	Condition Indicator Code	O	ID	2/3

C046 - Composite Qualifier Identifier

To identify one or more qualifiers describing a rate or value

SEGMENTS USED IN

VDI

TRANSACTION SETS USED IN

205 872

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	122	Rate/Value Qualifier	M	ID	2/2
02	122	Rate/Value Qualifier	O	ID	2/2
03	122	Rate/Value Qualifier	O	ID	2/2
04	122	Rate/Value Qualifier	O	ID	2/2
05	122	Rate/Value Qualifier	O	ID	2/2

C047 - Composite Type of Real Estate Asset Code

To identify one or more real estate asset attributes

SEGMENTS USED IN

REA

TRANSACTION SETS USED IN

201 202 206 261 262 833 872

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1074	Type of Real Estate Asset Code	M/Z	ID	2/2
02	1074	Type of Real Estate Asset Code	O/Z	ID	2/2
03	1074	Type of Real Estate Asset Code	O/Z	ID	2/2
04	1074	Type of Real Estate Asset Code	X/Z	ID	2/2
05	1074	Type of Real Estate Asset Code	O/Z	ID	2/2

Syntax Notes

05 C0504

Semantic Notes

01 C047-01 is used to identify the type of property structure (i.e., Attached, Detached) or a summary level type of real estate description.

02 C047-02 is used to identify the type of property construction (i.e., Site Built, Manufactured, Mobile Home).

03 C047-03 is used to further describe property structure, the unit relationship to the structure, or its site or other structures (i.e., High Rise, Zero Lot Line, Stacked).

04 C047-04 is used to describe the real estate development project.

05 C047-05 is used to describe the master or umbrella real estate development project if any.

C048 - Composite Use of Proceeds

To identify one or more uses of loan proceeds

SEGMENTS USED IN

LRQ LUC

TRANSACTION SETS USED IN

199 201 202 265 833 872

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1082	Use of Proceeds Code	M	ID	2/2
02	1680	Refinance Type Code	O	ID	2/2
03	1082	Use of Proceeds Code	O	ID	2/2
04	1073	Yes/No Condition or Response Code	O/Z	ID	1/1

Semantic Notes

04 C048-04 determines whether or not the subordinate mortgage will be paid off. A "Y" indicates the subordinate mortgage will be paid off and rolled into the new first mortgage. A "N" indicates the subordinate mortgage will not be paid off.

C050 - Certificate Look-up Information

Conveys the information related to or used for certificate identification

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SEGMENTS USED IN

CSC S3A S3S S4A S4S

TRANSACTION SETS USED IN

815 993

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1675	Look-up Value Protocol Code	M	ID	2/2
02	1570	Filter ID Code	M	ID	3/3
03	799	Version Identifier	M	AN	1/30
04	1565	Look-up Value	M	AN	1/4096
05	1675	Look-up Value Protocol Code	X	ID	2/2
06	1570	Filter ID Code	X	ID	3/3
07	799	Version Identifier	X	AN	1/30
08	1565	Look-up Value	X	AN	1/4096
09	1675	Look-up Value Protocol Code	X	ID	2/2
10	1570	Filter ID Code	X	ID	3/3
11	799	Version Identifier	X	AN	1/30
12	1565	Look-up Value	X	AN	1/4096

Syntax Notes

05	P05060708
09	P09101112

C052 - Medicare Status Code

To provide Medicare coverage and associated reason for Medicare eligibility

SEGMENTS USED IN

INS

TRANSACTION SETS USED IN

270 271 278 820 834

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1218	Medicare Plan Code	M	ID	1/1
02	1701	Eligibility Reason Code	O	ID	1/1
03	1701	Eligibility Reason Code	O	ID	1/1
04	1701	Eligibility Reason Code	O	ID	1/1

C053 - Standards Information

To identify the EDI standard, version, release and any applicable industry guideline

SEGMENTS USED IN

TXN

TRANSACTION SETS USED IN

838

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	922	Electronic Form Standards Type Code	M	ID	1/1
02	1707	Electronic Form Standards Identifier	M	AN	1/15
03	1705	Implementation Convention Reference	M	AN	1/35
04	799	Version Identifier	O	AN	1/30
05	796	Revision Value	O	AN	1/30

C055 - Tax Service Non-payment Exception Code

To identify one or more non-payment exceptions as specified in the tax data information

SEGMENTS USED IN

MLA

TRANSACTION SETS USED IN

245

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1720	Tax Service Non-payment Code	M	ID	1/3
02	1720	Tax Service Non-payment Code	O	ID	1/3
03	1720	Tax Service Non-payment Code	O	ID	1/3
04	1720	Tax Service Non-payment Code	O	ID	1/3
05	1720	Tax Service Non-payment Code	O	ID	1/3
06	1720	Tax Service Non-payment Code	O	ID	1/3
07	1720	Tax Service Non-payment Code	O	ID	1/3
08	1720	Tax Service Non-payment Code	O	ID	1/3

C056 - Composite Race or Ethnicity Information

To send general and detailed information on race or ethnicity

SEGMENTS USED IN

DMG ENM ISI

TRANSACTION SETS USED IN

111 130 132 133 135 138 144 146 148 155 175 186 187 189 190 191 194 200 201 202 248 252 255 256 265 267 268 270 271 273 274 275 276 277 278 284 285 309 355 358 359 418 500 810 811 820 833 834 837 838 872

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1109	Race or Ethnicity Code	O	ID	1/1
02	1270	Code List Qualifier Code	X/Z	ID	1/3
03	1271	Industry Code	X	AN	1/30

Syntax Notes

02 P0203

Semantic Notes

02 C056-02 and C056-03 are used to specify detailed information about race or ethnicity.

C057 - Communication Number Component

To provide information on a component of a communication address

SEGMENTS USED IN

COM

TRANSACTION SETS USED IN

100 101 111 132 133 138 155 189 244 252 267 650 832 892 897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	365	Communication Number Qualifier	X	ID	2/2
02	364	Communication Number	X	AN	1/2048

Syntax Notes

01	P0102

C058 - Adjustment Reason

To provide a reason and related explanation for a Health Care Claim or Service change in payment versus the original submitted charges

SEGMENTS USED IN
RAS

TRANSACTION SETS USED IN
835 837

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1034	Claim Adjustment Reason Code	M	ID	1/5
02	1270	Code List Qualifier Code	X/Z	ID	1/3
03	1271	Industry Code	X	AN	1/30
04	1271	Industry Code	X	AN	1/30
05	1271	Industry Code	X	AN	1/30
06	1271	Industry Code	X	AN	1/30
07	1271	Industry Code	O	AN	1/30

Syntax Notes

02	P0203
04	C0403
05	C0504
06	C0605
07	C0706

Semantic Notes

02	C05802 qualifies C05803, C05804, C05805, C05806 and C05807.

C059 - Drug Use Review (DUR)

To identify the components of a Drug Use Review (DUR) alert

SEGMENTS USED IN
SV7

TRANSACTION SETS USED IN
837

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1738	Reason for Service Code	M/Z	ID	2/2
02	1739	Professional Service Code	M/Z	ID	2/2
03	1740	Result of Service Code	M/Z	ID	2/2

Semantic Notes

01 C059-01 is a code identifying the type of utilization conflict detected.

02 C059-02 is a code identifying the intervention when a conflict code has been identified.

03 C059-03 is a code identifying the action taken in response to a conflict.

C060 - Question and Answer

Used to supply the answers to pre-defined questions

SEGMENTS USED IN

DRA

TRANSACTION SETS USED IN

278

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	M/Z	AN	1/20
02	1073	Yes/No Condition or Response Code	M/Z	ID	1/1

Semantic Notes

01 C060-01 is the question number from a pre-defined questionnaire.

02 C060-02 is the answer to the pre-defined question. A "Y" value indicates the answer to the question is yes. A "N" value indicates the answer to the question is no.

C061 - Member Health and Treatment Information

To identify member health and treatment information

SEGMENTS USED IN
HLH

TRANSACTION SETS USED IN
834

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1212	Health-Related Code	O	ID	1/1
02	1073	Yes/No Condition or Response Code	O	ID	1/1
03	374	Date/Time Qualifier	X	ID	3/3
04	373	Date	X/Z	DT	8/8
05	373	Date	X/Z	DT	8/8

Syntax Notes

03	L030405
04	C0403
05	C0503

Semantic Notes

04	C061-04 is the beginning date related to the type of date identified in C061-03.
05	C061-05 is the end date related to the type of date identified in C061-03.

C062 - Tax Advantage Account Information

To identify the type of Healthcare Tax Advantage Account and the related account number

SEGMENTS USED IN

FSA

TRANSACTION SETS USED IN

834

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1636	Account Relationship Code	M	ID	1/2
02	508	Account Number	O	AN	1/35

C063 - Change Quantities

To identify updated quantities pertaining to an order

SEGMENTS USED IN
POC

TRANSACTION SETS USED IN
860 865

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	380	Quantity	O/Z	R	1/15
02	380	Quantity	X/Z	R	1/15
03	380	Quantity	X/Z	R	1/15
04	380	Quantity	O/Z	R	1/15
05	380	Quantity	O/Z	R	1/15
06	380	Quantity	O/Z	R	1/15

Syntax Notes

02 E0203

Semantic Notes

01 C063-01 is the Original Order Quantity.
02 C063-02 is the Quantity (+) Increase.
02 When C063-02 or C063-03 are used, only POC02 value QC may be used.
03 C063-03 is the Quantity (-) Decrease.
04 C063-04 is the Revised Order Quantity.
05 C063-05 is the Quantity Received.
06 C063-06 is the Quantity Left to Receive.

Comments

01 The Original Order Quantity is the original purchase order quantity ordered.
02 The Quantity Increase identifies an addition to the Current Order Quantity - (POC03).
03 The Quantity Decrease identifies a reduction to the Current Order Quantity (POC03).
04 The Revised Order Quantity is either (1) the Original Order Quantity including all Quantity Increases and Quantity Decreases or (2) the Current Order Quantity including the Quantity Increase or Quantity Decrease in this segment.
05 The Quantity Received is the quantity of product received to date.
06 The Quantity Left to Receive is based on the Current Order Quantity before any quantity changes are applied.

C064 - Service Type

To specify a service type and, optionally, a service type descriptor.

SEGMENTS USED IN

EB EQ

TRANSACTION SETS USED IN

270 271

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1271	Industry Code	M/Z	AN	1/30
02	1271	Industry Code	O/Z	AN	1/30

Semantic Notes

01 C064-01 is the Service Type (Code Source 958).

02 C064-02 is the Service Type Descriptor (Code Source 981).

C065 - Product Unit Indicator

Identifies various logistical or operational features of the product.

SEGMENTS USED IN
UPI

TRANSACTION SETS USED IN
897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1073	Yes/No Condition or Response Code	O/Z	ID	1/1
02	1073	Yes/No Condition or Response Code	O/Z	ID	1/1
03	1073	Yes/No Condition or Response Code	O/Z	ID	1/1
04	1073	Yes/No Condition or Response Code	O/Z	ID	1/1
05	1073	Yes/No Condition or Response Code	O/Z	ID	1/1
06	1073	Yes/No Condition or Response Code	O/Z	ID	1/1
07	1073	Yes/No Condition or Response Code	O/Z	ID	1/1
08	1073	Yes/No Condition or Response Code	O/Z	ID	1/1
09	1073	Yes/No Condition or Response Code	O/Z	ID	1/1
10	1073	Yes/No Condition or Response Code	O/Z	ID	1/1

Semantic Notes

01 C065-01 identifies the trade item as the Base Unit.
02 C065-02 identifies the trade item as the Consumer Unit.
03 C065-03 identifies the trade item as the Orderable Unit.
04 C065-04 identifies the trade item as the Shipping Unit.
05 C065-05 identifies the trade item as the Invoice Unit.
06 C065-06 identifies the trade item as the Variable Measure Unit.
07 C065-07 identifies the trade item as the non-physical.
08 C065-08 identifies the trade item is a service.
09 C065-09 identifies the trade item is made up of multiple components.
10 C065-10 identifies the trade item is a kit.

Comments

01 Identifies the bottom or base unit of a product which is the lowest level of the item hierarchy intended or labelled for individual retail sale.
02 Identifies an item which is either consumable or usable by a patient or consumer.
03 The product a supplier identifies as a purchasable unit such as a case or pallet.
04 Identifies a logistic unit that is transported from one trading partner to another.
05 Identifies the product that is billed or invoiced.
06 A trade item that is sold by a non-fixed measure or dimension. Examples: Meat sold by the pound or a chain can be measured by the meter etc.
07 An indicator that the trade item is not a physical item and as such has no dimensional manifestation. For example a computer download of software, movies or music, a service agreement, or prepaid cellular time.

08	An indicator that the trade item is a service. Examples: A receipt that can be used for upgrading a pre-paid phone balance, an entrance ticket to an amusement park, sporting event, theatre, service maintenance, installation service, repairs.

C066 - Selling or Ordering Product Basis Code

Identifies the product's selling, ordering or invoicing basis between the trading partners.

SEGMENTS USED IN
UPI

TRANSACTION SETS USED IN
897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1813	Product Procurement Basis Code	M	ID	1/1
02	355	Unit or Basis for Measurement Code	M/Z	ID	2/2
03	1813	Product Procurement Basis Code	X	ID	1/1
04	355	Unit or Basis for Measurement Code	X	ID	2/2
05	1813	Product Procurement Basis Code	X	ID	1/1
06	355	Unit or Basis for Measurement Code	X	ID	2/2

Syntax Notes

03	P0304
05	P0506

Semantic Notes

02	When C066-01 equals 9, C066-02 equals "EA"

Comments

00	This composite is used to inform the trading partner about the selling unit, ordering unit and invoicing unit product basis.

C067 - Composite Product Weight Basis

Provides multiple weight measurement types of a product.

SEGMENTS USED IN
P05 P06 P07 P08

TRANSACTION SETS USED IN
897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	395	Unit Weight	M	R	1/8
02	187	Weight Qualifier	M	ID	1/2
03	188	Weight Unit Code	M	ID	1/1
04	395	Unit Weight	X	R	1/8
05	187	Weight Qualifier	X	ID	1/2
06	188	Weight Unit Code	X	ID	1/1
07	395	Unit Weight	X	R	1/8
08	187	Weight Qualifier	X	ID	1/2
09	188	Weight Unit Code	X	ID	1/1
10	395	Unit Weight	X	R	1/8
11	187	Weight Qualifier	X	ID	1/2
12	188	Weight Unit Code	X	ID	1/1

Syntax Notes

04	P040506
07	P070809
10	P101112

Comments

00	C067 allows for multiple weight types using multiple measurement systems eg: net and gross weights presented in metric and imperial measurements. Example: A Product weighs 3.561 KG Gross Weight Metric = 7.850 LB Gross Weight Imperial; 3 KG Net Weight Metric = 6.613 LB Net Weight Imperial

C068 - Composite Ingredient Information

To identify the name of a single ingredient. A single ingredient may be conveyed in one or more languages.

SEGMENTS USED IN
ING PDH TRD TRT

TRANSACTION SETS USED IN
832 897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	933	Free-form Message Text	M/Z	AN	1/264
02	819	Language Code	M/Z	ID	2/3
03	933	Free-form Message Text	X	AN	1/264
04	819	Language Code	X	ID	2/3
05	933	Free-form Message Text	X	AN	1/264
06	819	Language Code	X	ID	2/3
07	933	Free-form Message Text	X	AN	1/264
08	819	Language Code	X	ID	2/3
09	933	Free-form Message Text	X	AN	1/264
10	819	Language Code	X	ID	2/3
11	933	Free-form Message Text	X	AN	1/264
12	819	Language Code	X	ID	2/3
13	933	Free-form Message Text	X	AN	1/264
14	819	Language Code	X	ID	2/3
15	933	Free-form Message Text	X	AN	1/264
16	819	Language Code	X	ID	2/3

Syntax Notes

03	P0304
05	P0506
07	P0708
09	P0910
11	P1112
13	P1314
15	P1516

Semantic Notes

01	Identifies the ingredient name in all occurrences of Data Element 933
02	Identifies the language of the ingredient in all occurrences of Data Element 819

C069 - Composite State or Province Code

Code specifying the Standard Nation, State or Province as defined by appropriate government agency

SEGMENTS USED IN

REG

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	156	State or Province Code	M	ID	2/2
02	156	State or Province Code	O	ID	2/2
03	156	State or Province Code	O	ID	2/2
04	156	State or Province Code	O	ID	2/2
05	156	State or Province Code	O	ID	2/2
06	156	State or Province Code	O	ID	2/2
07	156	State or Province Code	O	ID	2/2
08	156	State or Province Code	O	ID	2/2
09	156	State or Province Code	O	ID	2/2
10	156	State or Province Code	O	ID	2/2
11	156	State or Province Code	O	ID	2/2
12	156	State or Province Code	O	ID	2/2
13	156	State or Province Code	O	ID	2/2
14	156	State or Province Code	O	ID	2/2
15	156	State or Province Code	O	ID	2/2

C070 - Composite Channel of Distribution

Identifies the distribution channels to which the product is assigned and communicated to the trading partners.

SEGMENTS USED IN

COD

TRANSACTION SETS USED IN

897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1801	Channel of Distribution	M	ID	2/2
02	1801	Channel of Distribution	O	ID	2/2
03	1801	Channel of Distribution	O	ID	2/2
04	1801	Channel of Distribution	O	ID	2/2
05	1801	Channel of Distribution	O	ID	2/2

C071 - Composite Multiple Language Text Information

To provide text in one language or multiple languages

SEGMENTS USED IN

CNP NF2 NF3 NF5 NFD NFE

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	933	Free-form Message Text	M	AN	1/264
02	819	Language Code	M	ID	2/3
03	933	Free-form Message Text	X	AN	1/264
04	819	Language Code	X	ID	2/3
05	933	Free-form Message Text	X	AN	1/264
06	819	Language Code	X	ID	2/3
07	933	Free-form Message Text	X	AN	1/264
08	819	Language Code	X	ID	2/3

Syntax Notes

03	P0304
05	P0506
07	P0708

C073 - Composite Grape Varietal Sequence

Provides the sequence of grapes in the wine, including the varietal name and percentage. The sequence is from highest to lowest percentage.

SEGMENTS USED IN
WIN

TRANSACTION SETS USED IN
832 897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	350	Assigned Identification	M/Z	AN	1/20
02	1833	Grape Varietal Code	X/Z	ID	2/3
03	739	Measurement Value	X/Z	R	1/20
04	350	Assigned Identification	X	AN	1/20
05	1833	Grape Varietal Code	X	ID	2/3
06	739	Measurement Value	X	R	1/20
07	350	Assigned Identification	X	AN	1/20
08	1833	Grape Varietal Code	X	ID	2/3
09	739	Measurement Value	X	R	1/20
10	350	Assigned Identification	X	AN	1/20
11	1833	Grape Varietal Code	X	ID	2/3
12	739	Measurement Value	X	R	1/20
13	350	Assigned Identification	X	AN	1/20
14	1833	Grape Varietal Code	X	ID	2/3
15	739	Measurement Value	X	R	1/20
16	350	Assigned Identification	X	AN	1/20
17	1833	Grape Varietal Code	X	ID	2/3
18	739	Measurement Value	X	R	1/20
19	350	Assigned Identification	X	AN	1/20
20	1833	Grape Varietal Code	X	ID	2/3
21	739	Measurement Value	X	R	1/20
22	350	Assigned Identification	X	AN	1/20
23	1833	Grape Varietal Code	X	ID	2/3
24	739	Measurement Value	X	R	1/20
25	350	Assigned Identification	X	AN	1/20
26	1833	Grape Varietal Code	X	ID	2/3
27	739	Measurement Value	X	R	1/20
28	350	Assigned Identification	X	AN	1/20
29	1833	Grape Varietal Code	X	ID	2/3
30	739	Measurement Value	X	R	1/20

Syntax Notes

01 P010203

04 P040506
07 P070809
10 P101112
13 P131415
16 P161718
19 P192021
22 P222324
25 P252627
28 P282930

Semantic Notes

01 Identifies the sequence of the grape varietal in all occurrences of Data Element 350
02 Identifies the grape varietal name in all occurrences of Data Element 1833
03 Identifies the grape varietal percentage in all occurrences of Data Element 739

C074 - Composite Date Time Period

To specify one or more years that pertain to the product or service

SEGMENTS USED IN

WIN

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1251	Date Time Period	M/Z	AN	1/35
02	1251	Date Time Period	X/Z	AN	1/35
03	1251	Date Time Period	X/Z	AN	1/35
04	1251	Date Time Period	X/Z	AN	1/35
05	1251	Date Time Period	O/Z	AN	1/35

Syntax Notes

03	C0302
04	C0403
05	C0504

Semantic Notes

01	C074-01 Date is expressed as CCYY
02	C074-02 Date is expressed as CCYY
03	C074-03 Date is expressed as CCYY
04	C074-04 Date is expressed as CCYY
05	C074-05 Date is expressed as CCYY

C075 - Composite Added Flavor

To specify one or more added flavor to the product

SEGMENTS USED IN

SPT

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1827	Added Flavor	M/Z	ID	2/3
02	1827	Added Flavor	X/Z	ID	2/3
03	1827	Added Flavor	O/Z	ID	2/3

Syntax Notes

03 C0302

Semantic Notes

01 C075-01 Identifies the first added flavor to the product

02 C075-02 Identifies the second added flavor to the product

03 C075-03 Identifies the third added flavor to the product

C076 - Composite Identification Codes

Provides for multiple methods of code structure used with identification code (data element 67)

SEGMENTS USED IN

N1

TRANSACTION SETS USED IN

100 101 103 104 106 107 108 110 113 120 128 130 131 132 133 135 138 140 141 142 143 146 147 149 150 152 153 154 155 157 158 159 163 170 179 180 185 186 187 188 189 190 194 195 196 197 198 199 200 201 202 203 204 206 210 211 212 213 214 215 216 217 219 220 222 223 227 228 240 242 244 249 250 251 252 256 259 260 261 263 264 265 266 267 268 269 274 277 280 283 288 290 300 301 304 309 310 311 312 313 317 322 325 355 357 361 362 404 410 412 417 418 421 422 423 424 426 431 433 434 452 453 455 456 470 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 753 754 805 806 810 811 812 813 814 816 819 820 821 822 823 824 826 828 830 832 833 834 835 836 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 869 870 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 896 897 920 940 943 944 945 947

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	66	Identification Code Qualifier	M	ID	1/2
02	67	Identification Code	M	AN	2/80
03	66	Identification Code Qualifier	X	ID	1/2
04	67	Identification Code	X	AN	2/80
05	66	Identification Code Qualifier	X	ID	1/2
06	67	Identification Code	X	AN	2/80

Syntax Notes

03	P0304
05	P0506
05	C0503

C077 - Composite Currency

Used to establish a proposed value for a trade item for marketing purposes

SEGMENTS USED IN

CTP

TRANSACTION SETS USED IN

124 206 271 304 536 810 821 822 830 832 836 837 840 843 845 846 847 850 851 852 855 857 860 865 878 886 897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	212	Unit Price	M	R	1/17
02	100	Currency Code	M	ID	3/3
03	212	Unit Price	X	R	1/17
04	100	Currency Code	X	ID	3/3
05	212	Unit Price	X	R	1/17
06	100	Currency Code	X	ID	3/3

C078 - Composite Dangerous Goods Subsidiary Classification Codes

Provide subsidiary classification codes of a dangerous goods trade item.

SEGMENTS USED IN
TD4

TRANSACTION SETS USED IN
104 830 832 840 843 848 850 853 855 856 857 860 861 865 870 888 897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1836	Subsidiary Classification Code	M	ID2	1/4
02	1836	Subsidiary Classification Code	O	ID2	1/4
03	1836	Subsidiary Classification Code	X	ID2	1/4

Syntax Notes

03	C0302

C079 - Composite Multiple Language Extended Text Information

To provide extended text to 500 characters in one or more languages

SEGMENTS USED IN

CHI CNP CTI DAY FPI FSH MAP TRP

TRANSACTION SETS USED IN

832 897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1854	Free-form Extended Text 500 characters	M	AN	1/500
02	819	Language Code	M	ID	2/3
03	1854	Free-form Extended Text 500 characters	X	AN	1/500
04	819	Language Code	X	ID	2/3
05	1854	Free-form Extended Text 500 characters	X	AN	1/500
06	819	Language Code	X	ID	2/3
07	1854	Free-form Extended Text 500 characters	X	AN	1/500
08	819	Language Code	X	ID	2/3
09	1854	Free-form Extended Text 500 characters	X	AN	1/500
10	819	Language Code	X	ID	2/3

Syntax Notes

03	P0304
05	P0506
07	P0708
09	P0910

C080 - Composite Multiple Language Textural Data Information 4096 Characters

To provide 4096 characters of textural data in one or more languages.

SEGMENTS USED IN
PO4 TTI

TRANSACTION SETS USED IN
219 220 284 304 527 810 812 830 832 840 843 850 852 855 856 857 860 861 862 863 865 867 897

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1551	Textual Data	M	AN	1/4096
02	819	Language Code	M	ID	2/3
03	1551	Textual Data	X	AN	1/4096
04	819	Language Code	X	ID	2/3
05	1551	Textual Data	X	AN	1/4096
06	819	Language Code	X	ID	2/3
07	1551	Textual Data	X	AN	1/4096
08	819	Language Code	X	ID	2/3
09	1551	Textual Data	X	AN	1/4096
10	819	Language Code	X	ID	2/3

Syntax Notes

03	P0304
05	P0506
07	P0708
09	P0910

C081 - Composite Multi-UOM Range Minimum and Maximum

To provide minimum and maximum range amounts with multiple unit of measures.

SEGMENTS USED IN

CTI TRP

TRANSACTION SETS USED IN

832

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	738	Measurement Qualifier	M	ID	1/3
02	740	Range Minimum	M	R	1/20
03	741	Range Maximum	M	R	1/20
04	355	Unit or Basis for Measurement Code	M	ID	2/2
05	740	Range Minimum	X	R	1/20
06	741	Range Maximum	X	R	1/20
07	355	Unit or Basis for Measurement Code	X	ID	2/2
08	740	Range Minimum	X	R	1/20
09	741	Range Maximum	X	R	1/20
10	355	Unit or Basis for Measurement Code	X	ID	2/2
11	740	Range Minimum	X	R	1/20
12	741	Range Maximum	X	R	1/20
13	355	Unit or Basis for Measurement Code	X	ID	2/2

Syntax Notes

05	P050607
08	P080910
11	P111213

C082 - Sexual Orientation

Conveys an individual's sexual orientation in relation to the pattern of emotional, sexual, and romantic attraction

SEGMENTS USED IN

DMH

TRANSACTION SETS USED IN

111 148 186 187 252 255 256 267 268 270 271 273 274 275 276 277 278 500 820 834 837

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1877	Sexual Orientation Code	M/Z	ID	1/80
02	1250	Date Time Period Format Qualifier	X/Z	ID	2/3
03	1251	Date Time Period	X/Z	AN	1/35

Syntax Notes

02	P0203

Semantic Notes

01	C082-01 is a code that represents an individual's sexual orientation in relation to the pattern of emotional, sexual, and romantic attraction.
02	C082-02 indicates the format of the date that appears in C082-03.
03	C082-03 is the date or date range noting the period that an individual identified with the sexual orientation code specified in C082-01.

C083 - Gender Identity Information

Conveys an individual's personal sense of being a man, woman, boy, girl, nonbinary, or something else

SEGMENTS USED IN

DMH

TRANSACTION SETS USED IN

111 148 186 187 252 255 256 267 268 270 271 273 274 275 276 277 278 500 820 834 837

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1878	Gender Identity Code	M/Z	ID	1/80
02	1250	Date Time Period Format Qualifier	X/Z	ID	2/3
03	1251	Date Time Period	X/Z	AN	1/35

Syntax Notes

02	P0203

Semantic Notes

01	C083-01 is a code that represents an individual's gender identity which is a personal sense of being a man, woman, boy, girl, nonbinary, or something else.
02	C083-02 indicates the format of the date that appears in C083-03.
03	C083-03 is the date or date range noting the period that an individual identified with the gender identity code specified in C083-01.

C084 - Pronoun Information

Conveys an individual's preferred pronouns

SEGMENTS USED IN

DMH

TRANSACTION SETS USED IN

111 148 186 187 252 255 256 267 268 270 271 273 274 275 276 277 278 500 820 834 837

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1879	Pronoun Code Set	M/Z	ID	1/80
02	1250	Date Time Period Format Qualifier	X/Z	ID	2/3
03	1251	Date Time Period	X/Z	AN	1/35

Syntax Notes

02 P0203

Semantic Notes

01 C084-01 is a code that represents an individual's preferred pronouns.

02 C084-02 indicates the format of the date that appears in C084-03.

03 C084-03 is the date or date range noting the period that an individual identified with the pronoun code specified in C084-01.

C085 - Recorded Sex or Gender

Conveys an individual's recorded sex or gender and associated attribute

SEGMENTS USED IN

DMH

TRANSACTION SETS USED IN

111 148 186 187 252 255 256 267 268 270 271 273 274 275 276 277 278 500 820 834 837

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	1880	Recorded Sex or Gender Code	M/Z	ID	1/80
02	1881	Source Document Code	X/Z	ID	1/80
03	1882	Issuer Code	X/Z	ID	1/80
04	1250	Date Time Period Format Qualifier	X/Z	ID	2/3
05	1251	Date Time Period	X/Z	AN	1/35

Syntax Notes

02	P0203
04	P0405

Semantic Notes

01	C085-01 is a code that represents an individual's sex or gender as recorded on the document identified in C085-02.
02	C085-02 is a code identifying the source document that recorded the value in C085-01.
03	C085-03 is a code identifying the issuer of the document that recorded the value in C085-01.
04	C085-04 indicates the format of the date that appears in C085-05.
05	C085-05 is a date or date range noting when the code identified in C085-01 was recorded or effective.

C998 - Context Identification

Holds information to identify a context

MANAGEMENT COMPOSITE DATA STRUCTURE - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN

CTX

TRANSACTION SETS USED IN

824 999

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	9999	Context Name	M	AN	1/35
02	9998	Context Reference	O	AN	1/50

C999 - Reference in Segment

To hold the reference number of a data element and optionally a component data element within a composite

MANAGEMENT COMPOSITE DATA STRUCTURE - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN

CTX TED

TRANSACTION SETS USED IN

824 999

REF	ID	NAME	REQ	TYPE	MIN/MAX
01	725	Data Element Reference Code	M/Z	AN	1/4
02	725	Data Element Reference Code	O/Z	AN	1/4

Semantic Notes

01 This data element holds the reference number of the simple or composite data element at segment level.

02 This data element holds the reference number of the simple data element within a composite.

Introduction to Simple Data Elements

This introduction is not part of this standard and is provided for information only.

Scope

This section provides the specifications of the data elements used in the construction of the segments that comprise the transaction sets developed by ASC X12.

Terms and Definitions

X12.6 Application Control Structure contains the formal definitions of terms related to electronic data interchange and ASC X12 Standards. The following definitions are consistent with those formal definitions and are provided in shortened form to aid in the understanding of this section.

Data Element

A data element can represent a qualifier, a value, or text, such as a description. Each data element is assigned an identifier used for reference.

Data Element Identifier

Each data element has a unique identifier composed of a combination of one to four digits for simple data elements as assigned in this section. If the identifier begins with a "C," this indicates that the data element is a composite data structure.

Data Element Name

This section specifies each data element's name.

Data Element Description

Each data element is defined in a description statement that specifies the purpose of the data element. Where reference is made to a Figures Appendix, refer to the Figures section of this publication.

Data Element Type

A data element may be one of seven types: numeric, decimal, identifier, string, date, time, binary. The symbols used to designate the data element types are as follows.

1. Numeric (Nn)

The numeric type of data element is symbolized by the two-position representation Nn. N indicates a numeric, and n indicates the decimal places to the right of a fixed, implied decimal point. The decimal point is not transmitted in the character stream. For negative values, the leading minus sign (-) is used. Absence of a sign indicates a positive value. The plus sign (+) should not be transmitted.

Leading zeros should be suppressed unless necessary to satisfy a minimum length requirement. The length of the data element is the number of digits used. The minus sign (-) is not counted when determining the length of the data element value.

2. Decimal Number (R)

The decimal type of data element is symbolized by the representation R. The decimal point is optional for integer values, but required for fractional values. For negative values the leading minus (-) sign is used. Absence of a sign indicates a positive value. The plus sign (+) should not be transmitted. Leading zeros should be suppressed unless necessary to satisfy a minimum length requirement. The minus sign and the decimal point are not counted when determining the length of the data element value.

3. Identifier (ID)

The identifier type of data element is symbolized by the representation ID. An identifier data element must always contain a value from a predefined list of values that is maintained by ASC X12 or by other bodies that are recognized by ASC X12 and identified by reference in the Code Source Directory .

For any code maintained by ASC X12, the Data Element Dictionary provides the code and its description. An "extended code description" (additional information to help explain the meaning of the code) may also be supplied; if so, it is displayed in italics following the code description. Extended code descriptions are not considered to be part of the standard.

The intent of the identifier type of data element is to allow the use of computer tables to validate data element values. Where mutually defined codes such as "ZZ" are allowed in accordance with this standard, interchange partners shall agree on the meaning of this code prior to the interchange. Mutually defined codes are intended only for temporary use pending assignment of a specific code value by ASC X12. ASC X12-approved codes appear following the definition of each data element of this type.

The code source appendix contains sources for code lists not maintained by ASC X12. Sources are numbered for reference purposes. References to this appendix are provided either under the heading "Code Sources," where it applies to the data element, or under the individual code definition where it applies to a specific code. For convenience, code sources are listed alphabetically by name in an index at the end of the code source section. The index also shows the page number where the code source can be found.

4. String (AN)

The string type of data element is symbolized by the representation AN. Contents of string-type data elements are a sequence of any letters, digits, spaces, and/or special characters.

5. Date (DT)

The date type of data element is symbolized by the representation DT. Format for the date type is either YYMMDD or CCYYMMDD in which CC is the first two digits of the calendar year, YY is the last two digits of calendar year, MM is the month (01 to 12), and DD is the day in the month (01 to 31).

6. Time (TM)

The time type of data element is symbolized by the representation TM. Format for this type is expressed in 24-hour clock format, HHMMSSd..d. HH is the numeric expression of the hour (00-23), MM is the numeric expression of the minute (00-59), SS is the numeric expression of the second (00-59), and d..d is the numeric expression of decimal seconds.

7. Binary (B)

The binary type of data element is symbolized by the representation B. The binary type is any sequence of octets ranging in value from binary 00000000 to binary 11111111. This data element type has no defined maximum length; actual length is specified by the immediately preceding data element. The B type may only exist in the BIN or BDS segments.

Data Element Length

This is the range, minimum to maximum, of the number of character positions available to represent the data element value. A data element may be of variable length with range from minimum to maximum, or it may be of fixed length in which the minimum is equal to the maximum. The range length is shown in the standard as MIN and MAX (minimum and maximum, respectively). Length may be defined differently for different types of data elements.

Restricted Data Elements

Restricted data elements are used for managing electronic data interchange and are not used in business application transaction sets. These data elements are indicated in this section by a shaded notation identifying them as "Restricted" and not be used in business applications.

Deletions

Data elements approved for deletion effective for this release, appear as flagged entities until the next annual release and will subsequently be removed at that version release.

Simple Data Elements

1 - Route Code
2 - Number of Accepted Transaction Sets
3 - Free-form Message
4 - Air Carrier Code
5 - Airport Code
7 - Bank Account Number
8 - Bank Client Code
9 - Late Reason Code
11 - Billing Code
12 - Payment Pattern
13 - Booking Number
14 - Carriage Value
16 - Charge Method of Payment Code
19 - City Name
20 - Client Bank Number
21 - Number of Shipments
22 - Commodity Code
23 - Commodity Code Qualifier
24 - Equipment Type Code
26 - Country Code
28 - Group Control Number
31 - Adjustment Number
32 - Delivery Date
33 - Lading Exception Code
34 - Service Standard
35 - Bill of Lading Disposition Code

39 - Entitlement Code
40 - Equipment Description Code
41 - Interchange Train Identification
42 - Block Identifier
46 - Ex Parte
47 - Export Filing Key Code
48 - Export License Control Code
50 - Export License Number
51 - Export License Status Code
52 - Export License Symbol Code
54 - Risk of Loss Code
55 - Flight/Voyage Number
56 - Type of Service Code
58 - Amount Charged
59 - Freight Class Code
60 - Freight Rate
61 - Free-form Information
62 - Hazardous Material Code
63 - Hazardous Material Contact
64 - Hazardous Material Description
65 - Height
66 - Identification Code Qualifier
67 - Identification Code
70 - Import License Number
71 - Inquiry Request Number
72 - Type of Service Offered Code
73 - Compensation Qualifier

74 - Declared Value
76 - Invoice Number
77 - Flashpoint Temperature
78 - Container Type Request Code
79 - Lading Description
80 - Lading Quantity
81 - Weight
82 - Length
83 - Code For Licensing, Certification, Registration, or Accreditation Agency
86 - Total Equipment
87 - Marks and Numbers
88 - Marks and Numbers Qualifier
90 - Measurement Unit Qualifier
91 - Transportation Method/Type Code
92 - Purchase Order Type Code
93 - Name
95 - Number of Containers
96 - Number of Included Segments
97 - Number of Transaction Sets Included
98 - Entity Identifier Code
100 - Currency Code
102 - Ownership Code
103 - Packaging Code
104 - Type of Bankruptcy Code
106 - Event
107 - Payment Method Type Code
108 - Pickup or Delivery Code

109 - Pickup Date
110 - Application Acknowledgment Code
111 - Pickup Time
112 - Pier Name
113 - Pier Number
114 - Port Name
115 - Port or Terminal Function Code
116 - Postal Code
117 - Prepaid Amount
118 - Rate
119 - Rate Basis Number
120 - Rate Combination Point Code
121 - Rate Class Code
122 - Rate/Value Qualifier
123 - Number of Received Transaction Sets
124 - Application Receiver's Code
125 - Security Holding Type Code
127 - Reference Identification
128 - Reference Identification Qualifier
129 - Referenced Pattern Identifier
132 - Release Code
133 - Routing Sequence Code
135 - Sailing/Flight Date Estimated
136 - Sales Comment
137 - Sales Reference Date
138 - Sales Reference Number
139 - Sales Terms Code

140 - Standard Carrier Alpha Code
141 - Schedule B Code
142 - Application Sender's Code
143 - Transaction Set Identifier Code
145 - Shipment Identification Number
146 - Shipment Method of Payment Code
147 - Shipment Qualifier
148 - Lading Value
150 - Special Charge or Allowance Code
151 - Authority
152 - Special Handling Code
153 - Special Handling Description
154 - Standard Point Location Code
156 - State or Province Code
157 - Shipment Status Code
159 - Status Location
160 - Status Report Request Code
163 - Stop Reason Code
165 - Stop Sequence Number
166 - Address Information
167 - Tare Weight
168 - Tariff Agency Code
169 - Tariff Item Number
170 - Tariff Item Part
171 - Tariff Number
172 - Tariff Section Number
173 - Tariff Supplement Identifier

174 - Terminal Name
176 - Time Qualifier
177 - Intermodal Service Code
181 - Quantity or Status Adjustment Reason Code
182 - Vessel Name
183 - Volume
184 - Volume Unit Qualifier
186 - Waybill Number
187 - Weight Qualifier
188 - Weight Unit Code
189 - Width
190 - Accomplish Code
191 - Advances
192 - Agent/Shipper Routing Code
193 - Net Amount Due
195 - Capacity Load Code
196 - Mortgagor Response Code
197 - Mortgagee Information Status Code
199 - Confidential Billing Request Code
200 - Hazardous Materials Page
201 - Business Transaction Status Code
202 - Correction Indicator Code
203 - Cubic Capacity
204 - Direct Store Delivery Sequence Number
205 - Dunnage
206 - Equipment Initial
207 - Equipment Number

208 - Hazardous Material Code Qualifier
209 - Hazardous Material Class Code
210 - International/Domestic Code
211 - Packaging Form Code
212 - Unit Price
213 - Lading Line Item Number
214 - Waybill Request Code
215 - Hazardous Classification Code
216 - Metric Qualifier
218 - Hazardous Placard Notation Code
219 - Position
220 - Billed/Rated-as Quantity
221 - Billed/Rated-as Qualifier
222 - Hazardous Endorsement Code
223 - Repetitive Pattern Number
224 - Hazardous Material Shipping Name
225 - Seal Number
226 - Section Seven Code
227 - Tariff Column
228 - Dangerous Goods Primary Classification Code
229 - Transit Registration Number
230 - Subsidiary Classification Code
231 - Cross Reference Type Code
232 - Weight Allowance
233 - Weight Capacity
234 - Product/Service ID
235 - Product/Service ID Qualifier

236 - Price Identifier Code
237 - Item List Cost
238 - Emergency Response Plan Number
240 - Car Service Order Code
241 - Protective Service Code
242 - Vent Instruction Code
243 - Transaction Reference Date
244 - Transaction Reference Number
246 - Certification/Clause Code
247 - Certification/Clause Text
248 - Allowance or Charge Indicator Code
249 - Vessel Requirement Code
250 - Letter of Credit Number
253 - Automobile Ramp Facility Code
254 - Packing Group Code
256 - Manifest Type Code
257 - Tariff Application Code
258 - Quantity Cost
259 - Change Type Code
260 - Group Title
261 - Source of Disclosure Code
262 - Geography Qualifier Code
263 - Rating Code
267 - Net Explosive Quantity
271 - Subsidiary Risk Indicator Code
272 - Hazardous Certification Code
273 - Hazardous Certification Declaration

274 - Hazardous Material Classification
275 - Authorization Date
276 - Special Charge Description
277 - UN/NA Identification Code
280 - Exchange Rate
281 - Carrier Restriction Code
282 - Terms Start Date
283 - Terms Due Date Qualifier
284 - Service Level Code
285 - Depositor Order Number
286 - Product/Service Condition Code
287 - Authorize/ De-Authorize Code
288 - Pre-priced Option Code
289 - Multiple Price Quantity
290 - Price Condition Code
291 - Price Condition Applies Code
292 - Quantity Basis Code
293 - Promotion Condition Qualifier
294 - Tariff Distance
295 - Distance Qualifier
296 - Intermediate Switch Carrier Code
298 - Origin EDI Carrier Code
299 - Transit Free-form Data
301 - Car Type Code
302 - Location on Equipment Code
303 - Type of Damage Code
304 - Event Code

305 - Transaction Handling Code
306 - Action Code
308 - Damage Exception Indicator Code
309 - Location Qualifier
310 - Location Identifier
311 - Shipment Type Code
312 - Special Indicator Code
313 - Authority Identifier Code
315 - Compensation Paid
316 - Next Port of Discharge
317 - Total Compensation Amount
318 - Current Port of Loading
319 - Temperature Control
320 - Scale
321 - Intermodal Facility Code
322 - Load/Empty Status Code
323 - Purchase Order Date
324 - Purchase Order Number
325 - Tax Identification Number
326 - Request Reference Number
327 - Change Order Sequence Number
328 - Release Number
329 - Transaction Set Control Number
331 - Allowance or Charge Method of Handling Code
332 - Percent, Decimal Format
333 - Terms Basis Date Code
334 - Transportation Terms Qualifier Code

335 - Transportation Terms Code
336 - Terms Type Code
337 - Time
338 - Terms Discount Percent
339 - Allowance or Charge Quantity
340 - Allowance or Charge Code
341 - Allowance or Charge Number
342 - Percent of Invoice Payable
343 - Installment Total Invoice Amount Due
344 - Unit of Time Period or Interval Code
345 - Lead Time Code
346 - Application Type Code
347 - Hash Total
348 - Jurisdiction Code
349 - Item Description Type Code
350 - Assigned Identification
351 - Terms Discount Days Due
352 - Description
353 - Transaction Set Purpose Code
354 - Number of Line Items
355 - Unit or Basis for Measurement Code
356 - Pack
357 - Size
358 - Quantity Invoiced
359 - Allowance or Charge Rate
360 - Allowance or Charge Total Amount
361 - Total Invoice Amount

362 - Terms Discount Amount
363 - Note Reference Code
364 - Communication Number
365 - Communication Number Qualifier
366 - Contact Function Code
367 - Contract Number
368 - Shipment/Order Status Code
369 - Free-form Description
370 - Terms Discount Due Date
371 - Change Reason Code
372 - Lading Liability Code
373 - Date
374 - Date/Time Qualifier
375 - Tariff Service Code
376 - Test Indicator Code
377 - Rounding Rule Code
378 - Allowance/Charge Percent Qualifier
379 - Bid Type Response Code
380 - Quantity
381 - Price Reason Code
382 - Number of Units Shipped
383 - Quantity Difference
384 - Gross Weight per Pack
385 - Gross Volume per Pack
386 - Terms Net Days
387 - Routing
388 - Terms Deferred Due Date

389 - Deferred Amount Due
390 - Amount Subject to Terms Discount
391 - Discounted Amount Due
392 - Bill of Lading Status Code
393 - Amendment Code
394 - Warehouse Receipt Number
395 - Unit Weight
396 - Shipment Identification
397 - Color
398 - Order Sizing Factor
399 - Pallet Exchange Code
400 - Unit Load Option Code
402 - Communications ID
404 - Transmission Control Number
405 - Switching Settlement Code
406 - Quantity of Pallets Shipped
407 - Seal Status Code
408 - Temperature
409 - Quantity of Pallets Received
410 - Quantity of Pallets Returned
411 - Quantity Contested
412 - Receiving Condition Code
413 - Quantity Received
416 - Pallet Block and Tiers
417 - Price Bracket Identifier
418 - Item List Cost - New
419 - Item List Cost - Old

420 - Price New, Suggested Retail
421 - Price Old, Suggested Retail
422 - Promotion Condition Code
423 - Promotion Status Code
424 - Vendor Order Number
426 - Adjustment Reason Code
427 - Unit Price Difference
429 - Check Number
432 - Date Qualifier
433 - F.O.B. Point Code
434 - F.O.B. Point
436 - Primary Publication Authority Code
437 - Rate Maintenance Authority Code
438 - U.P.C. Case Code
439 - Price List Number
440 - Price List Issue Number
441 - Tax Exempt Code
442 - MICR Number
443 - Contact Inquiry Reference
444 - Purchase Order Instruction Code
445 - Terms Exception Code
446 - Terms Net Due Date
447 - Loop Identifier Code
448 - Property Damage Code
449 - Fixed Format Information
451 - Warehouse Lot Number
455 - Responsible Agency Code

456 - Temperature Probe Location Code
458 - Dunnage Description
460 - Shipment Weight Code
461 - Transit Level Code
462 - Through Surcharge Percent
463 - Paid-In Surcharge Percent
464 - Container Terms Code
465 - Container Terms Code Qualifier
466 - Total Stop-offs
467 - Priority
468 - Port Call File Number
470 - Priority Code
471 - Priority Code Qualifier
472 - Link Sequence Number
473 - Order Status Code
474 - Master Reference (Link) Number
475 - Credit/Debit Adjustment Number
477 - Credit/Debit Quantity
478 - Credit/Debit Flag Code
479 - Functional Identifier Code
480 - Version / Release / Industry Identifier Code
481 - Trace Type Code
482 - Payment Action Code
483 - Counseling Status Code
484 - Evaluation Rating Code
485 - Results Code
486 - Product Transfer Movement Type Code

487 - Maintenance Operation Code
488 - Percent, Integer Format
489 - Loop Level Number
490 - Note Identification Number
491 - Data Element Usage Type Code
493 - Tariff Number Suffix
495 - Condition Segment Logical Connector
496 - Docket Level Number
497 - Sub Level
498 - Condition Code
499 - Condition Value
500 - Rate Level
501 - Customs Documentation Handling Code
502 - Type of Locomotive Maintenance Code
503 - Block 20 Code
504 - Chemical Analysis Percentage
505 - Partition Indicator
506 - (DFI) ID Number Qualifier
507 - (DFI) Identification Number
508 - Account Number
509 - Originating Company Identifier
510 - Originating Company Supplemental Code
511 - Rail Car Plate Size Code
512 - Import/Export Code
514 - Reporting Code
515 - Number of Transaction Sets Totaled
516 - Total Qualifier

517 - Data Element Totaled
518 - Total
519 - Time Period Unit Qualifier
521 - Product Transfer Type Code
522 - Amount Qualifier Code
529 - Inventory Transaction Type Code
531 - Agent Shipment ID Number
533 - Water Movement Code
534 - Inland Transportation Code
535 - Rail Retirement Activity Code
536 - Nature of Claim Code
537 - Employment Code
538 - Charge/Allowance Qualifier
539 - Vehicle Identification Number
540 - Damage Type Code
541 - Damage Severity Code
542 - Labor Hours
543 - Labor Rate
544 - Supporting Evidence Code
545 - Unemployed Reason Code
546 - Status Code
547 - Interest Type Code
548 - Decline/Amend Reason Code
550 - Total Labor Cost
551 - Total Miscellaneous Costs
552 - Total Repair Cost
553 - Authorization Identification

554 - Assigned Number
555 - Labor Operation Identifier
556 - Damage Area Code
557 - Part Name
558 - Reservation Action Code
559 - Agency Qualifier Code
560 - Special Services Code
561 - Service Marks and Numbers
562 - Rate or Value Type Code
563 - Sales Requirement Code
566 - Product/Service Substitution Code
567 - Equipment Length
568 - Electronic Form Note Reference Code
569 - Account Number Qualifier
570 - Scale Type Code
571 - Tare Qualifier Code
572 - Weight Allowance Type Code
573 - Freight Station Accounting Code
574 - Claim Profile
575 - City Name Qualifier Code
576 - Abbreviated Customer Name
577 - Net Tons
578 - Equipment Status Code
579 - Type of Consist Code
580 - Amendment Type Code
581 - Customs Entry Type Code
582 - Bill of Lading Type Code

583 - Factory Car Order Number
584 - Employment Status Code
585 - Payroll Status Code
586 - Request for Quote Reference Number
587 - Acknowledgment Type Code
589 - Position in Set
590 - Wages Paid Code
591 - Payment Method Code
592 - Lading Description Qualifier
594 - Frequency Code
595 - Compartment ID Code
597 - Vessel Code
598 - Bill of Lading/Waybill Number
599 - Manifest Unit Code
600 - Place of Receipt by Pre-carrier
601 - Customs Entry Number
602 - Customs Shipment Value
603 - In-bond Control Number
604 - Consolidation Code
605 - Deficiency Judgment Code
607 - Number of Days
608 - Credit File Variation Code
609 - Count
610 - Amount
611 - Disposition Status Code
612 - Credit Report Merge Type Code
613 - Statement Number

614 - Store Number
615 - Time Period Qualifier
616 - Number of Periods
617 - Switch Type Code
618 - Implementation Transaction Set Syntax Error Code
619 - Zone
620 - Implementation Segment Syntax Error Code
621 - Implementation Data Element Syntax Error Code
622 - Number of Loads
623 - Time Code
625 - COD Method of Payment Code
626 - Excess Transportation Reason Code
627 - Excess Transportation Responsibility Code
628 - Hierarchical ID Number
629 - Alternation Precedence Code
630 - Minimum/Weight Logic
631 - Number of Rates
632 - Rate Application Type Code
633 - Loading Restriction
634 - Factor Amount
635 - Rate Request/Response Code
637 - Unit Conversion Factor
638 - Rule 260 Junction Code
639 - Basis of Unit Price Code
640 - Transaction Type Code
641 - Status Reason Code
642 - Week

643 - Lading Percentage
644 - Lading Percent Qualifier
645 - Related Company Indication Code
646 - Quantity Shipped to Date
647 - Application Error Condition Code
648 - Price Multiplier Qualifier
649 - Multiplier
650 - Rating Remarks Code
653 - Discount Terms Type Code
654 - Discount Base Qualifier
655 - Discount Base Value
656 - Discount Control Limit Qualifier
657 - Discount Control Limit
659 - Basis of Verification Code
660 - Contract Suffix
662 - Relationship Code
663 - Quantity Units Received or Accepted
664 - Quantity Units Returned
665 - Residue Indicator Code
666 - Division Type Code
667 - Quantity in Question
668 - Line Item Status Code
669 - Currency Market/Exchange Code
670 - Change or Response Type Code
671 - Quantity Left to Receive
672 - Resource Authorization Code
673 - Quantity Qualifier

674 - Reciprocal Switch Code
675 - Schedule Type Qualifier
676 - Schedule Quantity Qualifier
677 - Item Depth
678 - Ship/Delivery or Calendar Pattern Code
679 - Ship/Delivery Pattern Time Code
680 - Forecast Qualifier
681 - Timing Qualifier
682 - Part Release Status Code
683 - Catalog Purpose Code
684 - Catalog Number
685 - Catalog Version Number
686 - Catalog Revision Number
687 - Class of Trade Code
688 - Restrictions/Conditions Qualifier
689 - Occupancy Code
690 - Docket Identification
691 - Revision Number
692 - Conveyance Code
693 - Docket Type Code
694 - Percentage Division
695 - Independence Code
697 - Docket Control Number
698 - Rate Distribution Code
699 - Commodity/Geographic Logical Connector Code
701 - Information Type Code
703 - Financial Information Type Code

704 - Paperwork/Report Action Code
705 - Trade Union Code
706 - Entity Relationship Code
707 - Rating Category Code
708 - Rating Summary Value Code
709 - Communications Environment Code
712 - Category Reference Code
713 - Installment Group Indicator
714 - Goods and Services Tax Reason Code
715 - Functional Group Acknowledge Code
716 - Functional Group Syntax Error Code
717 - Transaction Set Acknowledgment Code
718 - Transaction Set Syntax Error Code
719 - Segment Position in Transaction Set
720 - Segment Syntax Error Code
721 - Segment ID Code
722 - Data Element Position in Segment
723 - Data Element Syntax Error Code
724 - Copy of Bad Data Element
725 - Data Element Reference Code
726 - Real Estate Property Condition Code
728 - Returnable Container Load Make-Up Code
729 - Category
730 - Subcategory
731 - Transit Direction Code
732 - Transit Time Direction Qualifier
733 - Transit Time

734 - Hierarchical Parent ID Number
735 - Hierarchical Level Code
736 - Hierarchical Child Code
737 - Measurement Reference ID Code
738 - Measurement Qualifier
739 - Measurement Value
740 - Range Minimum
741 - Range Maximum
742 - Route Description
743 - Returnable Container Freight Payment Responsibility Code
744 - Print Option Code
745 - Pre-Cooled (Rule 710) Code
746 - Protective Service Rule Code
747 - Rebill Reason Code
748 - Movement Authority Code
749 - Supplementary Information Qualifier
750 - Product/Process Characteristic Code
751 - Product Description Code
752 - Surface/Layer/Position Code
753 - Packaging Characteristic Code
754 - Packaging Description Code
755 - Report Type Code
756 - Report Transmission Code
757 - Report Copies Needed
758 - Hazardous Mnemonic Code
759 - Reportable Quantity Code
760 - Limited Quantity Indication Code

761 - Equipment Number Check Digit
762 - Waybill Response Code
765 - Day of Month
766 - U.P.C./EAN Consumer Package Code
767 - Market Area Code Identifier
768 - Quantity Must Purchase
769 - Exception Number
770 - Option Number
771 - Market Area Code Qualifier
772 - Interchange Agreement Status Code
773 - Quantity Free
781 - Statement Format Code
782 - Monetary Amount
783 - Planning Schedule Type Code
784 - Length of Binary Data
785 - Binary Data
786 - Security Level Code
787 - Record Length
788 - Block Length
789 - Drawing Sheet Size Code
790 - Entity Title
791 - Entity Purpose
792 - Entity Status Code
795 - Revision Level Code
796 - Revision Value
797 - Security Technique Code
799 - Version Identifier

800 - Compression Technique
801 - Interchange Format
802 - Program Identifier
803 - File Name
804 - Block Type
805 - Canadian Hazardous Notation
806 - EPA Waste Stream Number Code
807 - Waste Characteristics Code
808 - Hazardous Material Shipment Information Qualifier
809 - Hazardous Material Shipment Information
810 - Inner Pack
811 - Obligation Type Code
812 - Payment Format Code
813 - Station Type Code
814 - Nesting Code
815 - Property Inspection Qualifier
816 - Occupancy Verification Code
817 - Tax Information Identification Number
818 - Name Control Identifier
819 - Language Code
820 - Report Section Name Code
821 - Safety Characteristic/Hazard Code
822 - Source Subqualifier
824 - Security Originator Name
825 - Security Recipient Name
826 - Owners Share
828 - Dollar Basis For Percent

829 - Fuel Type Code
831 - Inspection Location Type Code
832 - Ramp Identification
833 - Automotive Manufacturers Code
834 - Inspector Identity Code
835 - Supplemental Inspection Code
836 - Vehicle Deck Position Code
837 - Vehicle Type Code
838 - Dealer Code
839 - Bay Location
844 - Inbound Condition Hold Code
845 - Chassis Type Code
846 - Contract Status Code
847 - Order/Item Code
848 - Product/Date Code
849 - Location Code
850 - Status Report Code
851 - Nesting
852 - Address Type Code
853 - Damage Reason Code
854 - Vessel Type Code
855 - Peg Code
856 - Rate Level Qualifier Code
857 - Pre-Price Quantity Designator
858 - Retail Pre-Price
859 - Activity Code
860 - D-U-N-S Number Code

861 - Supplier's Delivery/Return Number
862 - Receiver's Location Number
863 - X-Peg
864 - Y-Peg
865 - Total Deposit Dollar Amount
866 - Integrity Check Value
867 - Signature
868 - Initiator Code
869 - Adjustment Sequence Number
870 - Receiver Delivery/Return Number
871 - Supplier's Location Number
872 - Physical Delivery or Return Date
873 - Product Ownership Transfer Date
874 - Space Management Reference Code
875 - Maintenance Type Code
876 - Alternate Tiers per Pallet
877 - Vessel Stowage Location
878 - Cash Register Item Description
879 - Coupon Family Code
880 - Dated Product Number of Days
881 - Deposit Value
883 - Pallet Type Code
884 - Pallet Tiers
885 - Pallet Blocks
886 - Nonconformance Report Status Code
887 - Nonconformance Resultant Response Code
888 - Nonconformance Determination Code

889 - Follow-up Action Code
890 - Carrier/Route Change Reason Code
891 - Shipping Date Change Reason Code
892 - Line Item Change Reason Code
893 - Warehouse Detail Adjustment Identifier Code
894 - Batch Type Code
895 - Availability
897 - Vessel Code Qualifier
899 - Unload Terminal Elevator Code
901 - Reject Reason Code
902 - Section Designator Code
903 - Envelope Indicator Code
904 - Requirement Designator Code
905 - Maximum Use
906 - Level Number Code
909 - Loop Name
910 - Loop Repeat Count
911 - Position in Segment or Composite
912 - Relation Code
913 - Data Element Data Type Code
914 - Minimum Length
915 - Maximum Length
916 - Code List Reference
918 - Code Value
921 - Discipline Type Code
922 - Electronic Form Standards Type Code
923 - Prognosis Code

924 - Full or Partial Indicator Code
926 - Data Maintenance Number
927 - Damage Code Qualifier
930 - Regulatory Agency Code
931 - Page Width
932 - Page Length Lines
933 - Free-form Message Text
934 - Printer Carriage Control Code
935 - Measurement Significance Code
936 - Measurement Attribute Code
937 - Test Administration Method Code
938 - Test Medium Code
939 - Sample Process Status Code
940 - Sample Selection Method Code
942 - Sample Frequency Value per Unit of Measurement Code
943 - Sample Description Code
944 - Sample Direction Code
945 - Position Code
949 - Confidence Limit
950 - Statistic Code
951 - Balance Type Code
952 - Adjustment Application Code
953 - Interest Rate
954 - Percentage as Decimal
955 - Tax Jurisdiction Code Qualifier
956 - Tax Jurisdiction Code
959 - Payment Cancellation Type Code

960 - Request for Quote Type Code
961 - Data Element New Content
962 - Receiving Advice or Acceptance Certificate Type Code
963 - Tax Type Code
964 - Cost Code
965 - Issuing Carrier Identifier
967 - Tray Count
969 - Rate Basis Qualifier
970 - Tariff Add-On Factor
972 - Tariff Class Adjustment Reference
973 - Tariff Item Suffix
974 - Tariff Reference Flag Code
975 - Tariff Restriction Description
976 - Tariff Restriction ID Code
977 - Tariff Restriction Value
978 - Tariff Section Identifier
980 - Tariff Section ID Code
981 - Tariff Value Code
982 - Data Source Code
983 - Hazardous Class Qualifier
984 - Hazardous Material Shipping Name Qualifier
985 - N.O.S. Indicator Code
986 - Special Commodity Indicator Code
987 - Cryptographic Service Message (CSM) Message Class Code
988 - Cryptographic Service Message (CSM) Field Tag Code
989 - Cryptographic Service Message (CSM) Field Contents
990 - Security Type Code

991 - Authentication Key Name
992 - Authentication Service Code
993 - Encryption Key Name
994 - Encryption Service Code
995 - Length of Data
997 - Hash or Authentication Code
998 - Delayed Repayment Qualifier Code
999 - Scope of Power of Attorney Identification Code
1000 - Service Characteristics Qualifier
1002 - Car Hire Detail/Summary Code
1003 - Account Type Code
1004 - Percent Qualifier
1005 - Hierarchical Structure Code
1006 - Account Description Code
1007 - Rate Source Code
1008 - Case Type Code
1009 - Administration of Justice Organization Type Code
1010 - Cycle Month Hours
1011 - Association of American Railroads (AAR) Pool Code
1012 - Administration of Justice Event Type Code
1013 - Notice Type Code
1014 - Car Type Group Code
1015 - Mileage Settlement Code
1016 - Penalty Code
1017 - Claim Type Code
1018 - Exponent
1019 - Invoice Type Code

1020 - Sampling Sequence Qualifier
1021 - Sampling Sequence Value
1023 - Hazard Zone Code
1024 - Number of Tank Compartments
1025 - Loading or Discharge Location Code
1026 - Vessel Material Code
1028 - Claim Submitter's Identifier
1029 - Claim Status Code
1030 - Gasket Type Code
1031 - Trailer Lining Type Code
1032 - Claim Filing Indicator Code
1034 - Claim Adjustment Reason Code
1035 - Name Last or Organization Name
1036 - Name First
1037 - Name Middle
1038 - Name Prefix
1039 - Name Suffix
1041 - Sequence Value
1042 - Load or Device Code
1043 - Diameter
1044 - Hose Type Code
1045 - Inlet or Outlet Material Type Code
1046 - Inlet or Outlet Fitting Type Code
1047 - Miscellaneous Equipment Code
1048 - Business Function Code
1049 - Tax Payment Type Code
1050 - Taxpayer Verification

1051 - Tax Amount
1053 - Market Exchange Identifier Code
1054 - Commodity Identification Code
1056 - Vehicle Production Status
1062 - Vehicle Service Code
1065 - Entity Type Qualifier
1066 - Citizenship Status Code
1067 - Marital Status Code
1068 - Gender Code
1069 - Individual Relationship Code
1070 - Type of Residence Code
1071 - General Expense Qualifier
1072 - Rounding System Code
1073 - Yes/No Condition or Response Code
1074 - Type of Real Estate Asset Code
1075 - Status of Plans for Real Estate Asset Code
1076 - Real Estate Loan Security Instrument Code
1077 - Property Value Estimate Type Code
1078 - Property Ownership Rights Code
1079 - Contact Method Code
1080 - Assumption Terms Code
1081 - Loan Purpose Code
1082 - Use of Proceeds Code
1083 - Type of Funds Code
1084 - Loan Buydown Type Code
1085 - Loan Payment Type Code
1086 - Loan Rate Type Code

1089 - Index Identity Code
1090 - Improvement Status Code
1091 - Source of Funds Code
1093 - Real Estate Loan Type Code
1094 - Vehicle Status
1095 - Year
1096 - County Designator Code
1097 - Mortgage Insurance Application Type Code
1098 - Mortgage Insurance Premium Type Code
1099 - Mortgage Insurance Certificate Type Code
1100 - Mortgage Insurance Coverage Type Code
1101 - Lien Priority Code
1102 - Mortgage Insurance Renewal Option Code
1103 - Loan Documentation Type Code
1104 - Name Component Qualifier
1105 - Mortgage Insurance Duration Code
1106 - Address Component Qualifier
1107 - Name Type Code
1108 - Month of the Year Code
1109 - Race or Ethnicity Code
1110 - Vehicle Dimension
1113 - Coupon Distribution Media Code
1122 - Vent Setting Code
1123 - Offer Basis Code
1126 - Academic Degree Code
1127 - Interline Settlement System Status Action or Dispute Code
1129 - Adjustment Reason Code Characteristic

1130 - Primary or Contingent Code
1131 - Level of Individual, Test, or Course Code
1132 - Instructional Setting Code
1133 - Program Participation and Services Code
1134 - Institutional Governance or Funding Source Level Code
1135 - Placement Criteria Code
1136 - Code Category
1137 - Medical Code Value
1138 - Payer Responsibility Sequence Number Code
1139 - Session Code
1140 - Floor Type Code
1141 - Academic Credit Type Code
1142 - Academic Grade or Course Level Code
1143 - Coordination of Benefits Code
1144 - Academic Grade Point Average
1145 - Class Rank
1146 - Disability Type Code
1147 - Basis for Academic Credit or Award of Credential Code
1148 - Academic Grade Qualifier
1149 - Occupation Code
1150 - Course Repeat or No Count Indicator Code
1152 - Override Academic Course Source Code
1153 - Academic Field of Study Level or Type Code
1154 - Work Intensity Code
1155 - Educational Test or Requirement Code
1156 - Test Norm Type Code
1157 - Test Norming Period Code

1158 - Subtest Code
1159 - Test Score Interpretation Code
1160 - Test Score Qualifier Code
1161 - Product Option Code
1162 - Show Code
1163 - Ticket Category Code
1164 - Network or Schedule Data Type Code
1165 - Confidentiality Code
1166 - Contract Type Code
1167 - Sample Selection Modulus
1168 - Door Type Code
1171 - Milestone Number Identification
1172 - Claim Response Reason Code
1173 - Task ID Qualifier
1174 - Task Identifier
1175 - Relationship Task Identifier
1176 - Employment Class Code
1178 - Reporting Structure Identifier
1179 - Customs Entry Type Group Code
1180 - Resource Code (or Identifier)
1181 - Resource Type Code
1185 - Public Record or Obligation Code
1186 - Type of Income Code
1187 - Type of Account Code
1188 - Type of Personal or Business Asset Code
1189 - Type of Credit Account Code
1193 - Program Type Code

1195 - Financial Information Code
1196 - Breakdown Structure Detail Code
1197 - Financial Transaction Status Code
1198 - Contracting Funding Code
1199 - Appropriation Code
1201 - Information Status Code
1202 - Flexible Spending Account Selection Code
1203 - Maintenance Reason Code
1204 - Plan Coverage Description
1205 - Insurance Line Code
1207 - Coverage Level Code
1209 - Underwriting Decision Code
1211 - Drug House Code
1212 - Health-Related Code
1213 - Current Health Condition Code
1214 - Salary Grade
1215 - Identification Card Type Code
1216 - Benefit Status Code
1218 - Medicare Plan Code
1219 - Consolidated Omnibus Budget Reconciliation Act (COBRA) Qualifying Event Code
1220 - Student Status Code
1221 - Provider Code
1222 - Provider Specialty Code
1223 - Provider Organization Code
1224 - Contribution Code
1225 - Disposition Code
1226 - Repair Action Code

1227 - Repair Complexity Code
1228 - Causal Part Condition Code
1229 - Complaint Code
1230 - Type of Product Service Code
1231 - Operation Environment Code
1232 - Purchase Category Code
1233 - Service Classification Code
1234 - Severity Condition Code
1236 - Payment Type Code
1237 - Move Type Code
1238 - Bay Type Code
1239 - Capacity Qualifier
1240 - Facility Characteristic Code
1241 - Facility Characteristic Code Qualifier
1242 - Demand Area
1243 - Financial Status
1244 - National Motor Freight Transportation Association Location Name
1245 - Vehicle Identification Number (VIN) Plant Code
1246 - Special Rate Code
1250 - Date Time Period Format Qualifier
1251 - Date Time Period
1254 - Immunization Status Code
1257 - Special Program Category Code
1258 - Academic Grade
1260 - Reported Data ID Code
1261 - Reported Data Response
1262 - Loan Type Code

1264 - Delayed Repayment Reason Code
1265 - Interest Payment Code
1266 - Major Course of Study Code
1267 - Dependency Status Code
1268 - Applicant Type Code
1270 - Code List Qualifier Code
1271 - Industry Code
1272 - Horsepower
1273 - Direction Facing Code
1274 - Train Delay Reason Code
1275 - Fumigated/Cleaned Indicator Code
1276 - Machine Separable Indicator Code
1277 - Canadian Wheat Board (CWB) Marketing Class Code
1278 - Canadian Wheat Board (CWB) Marketing Class Type Code
1280 - Direction Identifier Code
1292 - Returns Disposition Code
1293 - Return Request Reason Code
1294 - Return Response Reason Code
1295 - Participant Status Code
1296 - Special Processing Type
1297 - Work Status Code
1300 - Service, Promotion, Allowance, or Charge Code
1301 - Agency Service, Promotion, Allowance, or Charge Code
1302 - Shipper's Export Declaration Requirements
1303 - Use of Language Indicator Code
1304 - Mark Code Type
1306 - U.S. Government License Type

1307 - Loan Status Code
1308 - Contract Action Code
1309 - Acquisition Data Code
1310 - Financing Type Code
1311 - Calculation Operation Code
1312 - Test Period or Interval Qualifier
1313 - Test Period or Interval Value
1314 - Point of Origin for Admission or Visit
1315 - Priority (Type) of Admission or Visit
1316 - Ambulance Transport Code
1317 - Ambulance Transport Reason Code
1318 - Approval Code
1319 - Basis of Cost Determination Code
1320 - Basis of Days Supply Determination Code
1321 - Condition Indicator Code
1322 - Certification Type Code
1325 - Claim Frequency Type Code
1327 - Copay Status Code
1328 - Diagnosis Code Pointer
1329 - Dispense as Written Code
1330 - Dosage Form Code
1331 - Facility Code Value
1332 - Facility Code Qualifier
1333 - Record Format Code
1334 - Health Care Professional Shortage Area Code
1335 - Insulin Dependent Code
1336 - Insurance Type Code

1337 - Level of Care Code
1338 - Level of Service Code
1339 - Procedure Modifier
1340 - Multiple Procedure Code
1341 - National or Local Assigned Review Value
1342 - Nature of Condition Code
1343 - Non-Institutional Claim Type Code
1344 - Non-Visit Code
1345 - Nursing Home Residential Status Code
1346 - Nutrient Administration Method Code
1347 - Nutrient Administration Technique Code
1348 - Oxygen Equipment Type Code
1349 - Oxygen Test Condition Code
1350 - Oxygen Test Findings Code
1351 - Patient Signature Source Code
1352 - Patient Discharge Status
1354 - Diagnosis Related Group (DRG) Code
1355 - Prescription Denial Override Code
1356 - Prescription Origin Code
1357 - Prior Authorization Type Code
1358 - Prosthesis, Crown or Inlay Code
1359 - Provider Accept Assignment Code
1360 - Provider Agreement Code
1361 - Oral Cavity Designation Code
1362 - Related-Causes Code
1363 - Release of Information Code
1364 - Review Code

1365 - Service Type Code
1366 - Special Program Code
1367 - Subluxation Level Code
1368 - Tooth Status Code
1369 - Tooth Surface Code
1370 - Unit Dose Code
1371 - Unit Rate
1373 - Measurement Method or Device Code
1375 - Interim Hazardous Material Regulatory Number
1376 - Investor Reporting Action Code
1378 - Waybill Cross-Reference Code
1379 - Loan Verification Code
1382 - Oxygen Delivery System Code
1383 - Claim Submission Reason Code
1384 - Patient Location Code
1387 - Rate Qualifier Code
1390 - Eligibility or Benefit Information Code
1392 - Market Profile
1393 - Media Type Identifier Code
1395 - Configuration Type Code
1396 - Equipment Use Code
1397 - Inquiry Response Code
1398 - Inquiry Selection Code
1400 - Hierarchy Code
1401 - Proposal Data Detail Identifier Code
1402 - Equipment Attribute Code
1403 - Implant Type Code

1404 - Implant Status Code
1407 - Investor Ownership Type Code
1408 - Remittance Type Code
1413 - Usage Indicator Code
1415 - Specimen Kit Type Code
1420 - Title Insurance Services Code
1422 - Damage Status Code
1423 - License Plate Type Code
1425 - Recovery Classification Code
1426 - Recovery Condition Code
1428 - Master In-bond Type Code
1429 - Construction Type Code
1430 - Day Rotation
1431 - Preference Code
1432 - Business Purpose of Assurance Code
1434 - Domain of Computation of Assurance Code
1435 - Assurance Originator
1436 - Assurance Recipient
1437 - Date Time Stamp
1438 - Assurance Text
1439 - Assurance Token Parameter Code
1442 - Assurance Token Parameter Value
1443 - Assurance Reference Number
1460 - Part of Body Code
1465 - Proximity Code
1466 - Location Type Code
1468 - Reason Stopped Work Code

1469 - Affected Area or Section Code
1470 - Number
1472 - Report Section Number
1473 - Pricing Methodology Code
1476 - Language Proficiency Indicator Code
1482 - Mechanical Car Code
1484 - Problem Log Reason Code
1485 - Service Commitment Type Code
1487 - Retrip Reason Code
1488 - Bad Order Reason Code
1489 - Hold Reason Code
1490 - Association of American Railroads Car Grade Code
1491 - Parameter Trace Registration Type Code
1492 - Parameter Trace Type Code
1493 - Output Event Selection Code
1494 - Transportation Condition Code
1496 - Property Description Qualifier
1497 - Notification Entity Qualifier
1499 - Rate Application Code
1511 - Type of Deduction Code
1514 - Delay Reason Code
1520 - Display Type Code
1521 - Marketing Type Code
1522 - Coupon Type Code
1523 - Labor Activity Code
1525 - Request Category Code
1526 - Policy Compliance Code

1527 - Exception Code
1528 - Component Data Element Position in Composite
1540 - Net Cost Code
1543 - Equipment Orientation Code
1546 - Preferential Duty Criteria Code
1549 - Convertibility Rate Type Code
1550 - Index Qualifier
1551 - Textual Data
1552 - Option Type Code
1553 - License Type Code
1554 - Tag Status Code
1555 - Automatic Equipment Identification Consist Confidence Level Code
1556 - Train Termination Status Code
1557 - Movement Type Code
1558 - Academic Summary Source Code
1559 - Automatic Equipment Identification Site Status Code
1560 - Interchange Type Code
1561 - Rail Junction Settlement Role Code
1564 - Protocol ID Code
1565 - Look-up Value
1566 - Keying Material
1567 - One-time Encryption Key
1568 - Algorithm ID Code
1569 - Algorithm Mode of Operation Code
1570 - Filter ID Code
1571 - Compression ID Code
1572 - Security Value Qualifier

1573 - Encoded Security Value
1574 - Assurance Algorithm Code
1575 - Hashing Algorithm Code
1576 - Inspected/Weighed Indicator Code
1577 - Hazardous Material Regulations Exception Code
1578 - Export Exception Code
1579 - Accrual Rate Method Code
1585 - Shape Code
1588 - Political Party Affiliation Code
1589 - Harbor Maintenance Fee (HMF) Exemption Code
1590 - Asset Liability Type Code
1591 - Type of Activity Code
1592 - Type of Rating Code
1594 - Controlled Substance Type Code
1595 - Government Service Affiliation Code
1596 - Military Service Rank Code
1599 - Hazardous Vehicle Type Code
1600 - Freight Rate Qualifier
1601 - Rated-as Qualifier
1602 - Bill of Lading Charge Code
1603 - Route of Administration
1606 - Animal Disposition Code
1607 - Test Type Code
1608 - Non-Numeric Test Value
1609 - Related Data Identification Code
1610 - International Dutiable Status Code
1611 - Observation Type Code

1612 - Tissue or Specimen Disposition Code
1614 - Sub-Location
1615 - Observation Distribution
1616 - Observation Severity
1617 - Neoplasm Code
1618 - Linkage Identifier
1619 - Parturition Status Code
1620 - Offspring Count Code
1621 - Security Version/Release Identifier Code
1622 - Offspring/Fetus Status Code
1626 - Interest Rate Calculation Method Code
1627 - Underwriting Method Code
1629 - Information Request Result Code
1630 - Thoroughfare Type Qualifier
1631 - Thoroughfare Type Code
1632 - General Territory Code
1633 - Financial Statement Format Code
1634 - Business Professional Title Code
1635 - General Property Ownership Code
1636 - Account Relationship Code
1637 - Net/Gross Code
1638 - Value Detail Code
1642 - Cryptographic Management Purpose Code
1644 - Service Request Code
1650 - Shipment Status Indicator Code
1651 - Shipment Status or Appointment Reason Code
1652 - Shipment Appointment Status Code

1654 - Longitude Code
1655 - Latitude Code
1656 - Premium Rate Pattern Code
1657 - Premium Source Entity Code
1658 - Shipment or Work Assignment Decline Reason Code
1661 - Mileage Source Code
1662 - Rate Request ID
1663 - Rate Response Suffix
1664 - Lane Ranking
1675 - Look-up Value Protocol Code
1678 - Insurer Guarantor Type Code
1679 - Insurer Coverage Indicator Code
1680 - Refinance Type Code
1681 - Primary Source of Index Code
1684 - Attendance Type Code
1685 - Tax Treatment Code
1686 - Repeating Data Element Position
1687 - Earnings Rate of Pay
1688 - Deduction Type Code
1690 - Associated Object Reference Identification
1691 - Object Type Qualifier
1692 - Object Attribute Identification
1693 - Controlling Agency Code
1694 - Object Identification Group
1698 - Settlement Type Code
1699 - Pallet Structure Code
1700 - Transformed Data

1701 - Eligibility Reason Code
1702 - Postal Code-Formatted
1703 - Commodity Characteristic Codes
1704 - Length of Initialization Vector
1705 - Implementation Convention Reference
1706 - Real Estate Sales Price Change Code
1707 - Electronic Form Standards Identifier
1713 - Guarantee Amount Reduction Code
1714 - Security or Assurance Protocol Error Code
1715 - Country Subdivision Code
1719 - Tax Service Payment Code
1720 - Tax Service Non-payment Code
1721 - Type of Taxing Authority Code
1722 - Real Estate Tax Delinquency Type Code
1727 - Item Distribution Code
1729 - Credential Type Code
1730 - Credential Requirement Code
1731 - Credential Category Code
1732 - Source of Payment Typology Code
1734 - Submission Clarification Code
1735 - Additional Drug Coverage Code
1736 - Compound Route of Administration Code
1737 - Submitted Drug Tax Code
1738 - Reason for Service Code
1739 - Professional Service Code
1740 - Result of Service Code
1741 - Equipment Component Code

1762 - Contract Date Basis Code
1763 - Spend Type Code
1764 - Payment Handling Code
1765 - Program Basis Type Code
1766 - Product Name
1767 - Brand Name
1768 - Product Label
1770 - Co-Product Type Code
1771 - Contract Level Code
1772 - Frequency Pattern Code
1774 - Claim Authorization Exception Code
1776 - Out of Stock Determination Method Code
1777 - Delivery Time Measurement Type Code
1778 - Appointment Time Basis Code
1779 - Forecast Purpose Code
1780 - Forecast Type Code
1781 - Demand Estimation Type Code
1782 - Item Selection Type Code
1783 - Location Scope Parameter Type Code
1784 - Location Scope Type Code
1785 - Claim Adjustment Group Code
1787 - Error Reason Code
1788 - Insurance Product Code
1790 - Tier identifier
1791 - Network Indicator Code
1792 - Changed Identifying Information Code
1793 - Provider Network Status Information Code

1794 - Longitude, Decimal Format
1795 - Latitude, Decimal Format
1796 - Health Care Services Review Requirement Code
1797 - Allergen Type Code
1798 - Diet Type Code
1799 - Nutrition Facts Table (NFT) Format Type
1800 - Display Type Code
1801 - Channel of Distribution
1802 - Production Type
1803 - Stock Indicator Code
1804 - Life Cycle Status Code
1805 - Route of Administration for Pharmaceutical Drugs
1806 - Dosage Form for Pharmaceutical Drugs
1807 - Biomedical Hazard
1808 - Trade Item Drug Branding Type
1809 - Unmarked Number of Inner Pack Layers
1810 - Unmarked Number of Inner Packs Per Layer
1811 - Unmarked Number of Inner Packs
1812 - Regulatory Type
1813 - Product Procurement Basis Code
1814 - Precursor Status
1815 - Controlled Drug
1816 - Narcotic
1819 - Closure Type
1820 - Beverage Category
1821 - Cider Type
1822 - Pre-Mix Drink Code

1823 - Spirit Type Code
1824 - Spirit Style
1825 - Color
1826 - Liqueur Flavor
1827 - Added Flavor
1828 - Distilled From Spirit Type
1829 - Whiskey Production Type
1830 - Container Material Color
1831 - Wine Quality Designation
1832 - Beer Style
1833 - Grape Varietal Code
1834 - Primary Classification Code
1835 - Marine Catch Zone
1836 - Subsidiary Classification Code
1837 - Copy of Data Element
1838 - Dairy and non-Dairy Alternative Category
1839 - Dairy Source - Animal Type
1840 - Non-Dairy Plant-Based Type
1841 - Preservation Technique
1842 - Cheese Type
1843 - Relative Firmness of Cheese
1844 - Surface of Cheese at End of Ripening
1845 - Cheese Ripening Process
1846 - Fish, Seafood, and Marine Life Source
1847 - Salt and Moisture Content
1848 - Fish Size Code Designation
1849 - Product Packed In

1850 - Made From
1851 - Animal Species
1852 - Type of Nuts
1853 - Manufacturer Preparation Type Code
1854 - Free-form Extended Text 500 characters
1855 - Fish Class and Grade
1856 - Product Texture and Thickness
1857 - Insurance Policy Additions and Perils Type Code
1858 - Insurance Policy Coverage Type Code
1859 - Insurance Line of Business Code
1860 - Policy Cancellation Reason Code
1861 - Cannabis Plant Type
1862 - Carrier Medium
1863 - Extraction Process
1864 - Cannabinoid Type
1865 - Growing Method
1866 - Growing Medium
1867 - Growing Light Condition
1868 - Flowering Trigger
1869 - Drying Method
1870 - Terpenes Type
1871 - Attachment Format Identifier
1872 - Event Inquiry Reason Indicator
1873 - Occurrence/Encounter Reference Identification
1874 - Birth Sex
1875 - Sex
1876 - Preferred Name to Use

1877 - Sexual Orientation Code
1878 - Gender Identity Code
1879 - Pronoun Code Set
1880 - Recorded Sex or Gender Code
1881 - Source Document Code
1882 - Issuer Code
1883 - Clinical Care Parameter Qualifier
1884 - Clinical Care Parameter Code
1885 - Special Packaging Indicator Code
9998 - Context Reference
9999 - Context Name
I01 - Authorization Information Qualifier
I02 - Authorization Information
I03 - Security Information Qualifier
I04 - Security Information
I05 - Interchange ID Qualifier
I06 - Interchange Sender ID
I07 - Interchange Receiver ID
I08 - Interchange Date
I09 - Interchange Time
I11 - Interchange Control Version Number Code
I12 - Interchange Control Number
I13 - Acknowledgment Requested Code
I14 - Interchange Usage Indicator Code
I15 - Component Data Element Separator
I16 - Number of Included Functional Groups
I17 - Interchange Acknowledgment Code

I18 - Interchange Note Code
I19 - Interconnect Mailbag Version Number Code
I20 - Interconnect Mailbag Logon ID
I21 - Interconnect Mailbag Password
I22 - Interconnect Mailbag ID Qualifier Code
I23 - Interconnect Mailbag Sender ID
I24 - Interconnect Mailbag Receiver ID
I25 - Interconnect Mailbag Date
I26 - Interconnect Mailbag Time
I27 - Interconnect Mailbag Time Code
I28 - Interconnect Mailbag Control Number
I29 - Interconnect Mailbag Test Indicator Code
I30 - Interconnect Mailbag Acknowledgment Count
I31 - Interconnect Mailbag Interchange Count
I32 - Interconnect Mailbag Acknowledgment Action Code
I33 - Interconnect Mailbag Error Code
I34 - Grade of Service Code
I35 - Interchange Delivery Date
I36 - Interchange Delivery Time
I37 - Interchange Delivery Time Code
I38 - Service Request Handler ID Qualifier
I39 - Service Request Handler ID
I40 - Interchange Action Code
I41 - Interchange Action Date
I42 - Interchange Action Time
I43 - Error Reason Code
I44 - Reported Start Segment ID

I45 - Reported Control Number
I46 - Reported Date
I47 - Reported Time
I48 - Reported Interchange Sender ID Qualifier
I49 - Reported Sender ID
I50 - Reported Interchange Receiver ID Qualifier
I51 - Reported Receiver ID
I52 - First Reference ID Qualifier
I53 - First Reference ID
I54 - Second Reference ID Qualifier
I55 - Second Reference ID
I56 - Reference Code Qualifier
I57 - Reference Code
I58 - Interchange Report Type Code
I59 - Interchange Report Identifier
I60 - Interchange Report Incremental Indicator Code
I61 - Interchange Message Direction Code
I62 - Interchange Report Status Level Code
I63 - Interchange Report Level of Detail Code
I64 - Reported Group or Transaction Identifier
I65 - Repetition Separator
I66 - Exchange Block Sequence
I67 - Exchange Block Type Identifier Code
I68 - Exchange Block Length
I69 - Release Character
I70 - Character Encoding
I71 - Overriding X12 Version / Release Code

I72 - Industry Identifier

1 - Route Code

Mutually defined route code

TYPE=**AN** MIN=**1** MAX=**13**

SEGMENTS USED IN (AS SIMPLE)

PR2 R2A R9 RA VC

TRANSACTION SETS USED IN

120 121 125 127 128 300 301 304 309 310 326 355 404 410 417 426 456 460 466 475 485 494 858 859 928

2 - Number of Accepted Transaction Sets

Number of accepted Transaction Sets in a Functional Group TYPE=**N0** MIN=**1** MAX=**6**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK9

TRANSACTION SETS USED IN

997 999

3 - Free-form Message

Free-form text TYPE=**AN** MIN=**1** MAX=**60**

SEGMENTS USED IN (AS SIMPLE)

G22 G23 REC SCM SR SUP TED W09 ZR

TRANSACTION SETS USED IN

112 124 187 200 202 206 255 260 261 262 264 300 301 304 310 312 322 324 325 426 453 810 824 872 875 876 878 879 880 882 888 889 894 895 940

4 - Air Carrier Code

Code specifying the IATA code for the air carrier TYPE=**ID** MIN=**3** MAX=**3**

Code Sources

2

SEGMENTS USED IN (AS SIMPLE)

R1

TRANSACTION SETS USED IN

110 272 362 858 859

5 - Airport Code

Code specifying the IATA code for the airport TYPE=**ID** MIN=**3** MAX=**5**

Code Sources

3

SEGMENTS USED IN (AS SIMPLE)

R1

TRANSACTION SETS USED IN

110 272 362 858 859

7 - Bank Account Number

ID number assigned by bankto its client TYPE=**AN** MIN=**6** MAX=**17**

SEGMENTS USED IN (AS SIMPLE)

C2

TRANSACTION SETS USED IN

110 210 304 310

8 - Bank Client Code

Code identifying payee or payer

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

C2

TRANSACTION SETS USED IN

110 210 304 310

CODE	DEFINITION & EXPLANATION
E	Payee
R	Payer

9 - Late Reason Code

Code identifying the reason for tardiness TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
AD1 CFI CRI

TRANSACTION SETS USED IN
148 187 521 811 834

CODE	DEFINITION & EXPLANATION
C1	Coverage Lack of Information
D1	Dispute Concerning Coverage
D2	Dispute Concerning Compensability in Whole
D3	Dispute Concerning Compensability in Part
D4	Dispute Concerning Disability in Whole
D5	Dispute Concerning Disability in Part
D6	Dispute Concerning Impairment
E1	Wrongful Determination of No Coverage
E2	Error(s) from Employer
E3	Error(s) from Employee
E4	Error(s) from State
E5	Error(s) from Health Care Provider
E6	Error(s) from Other Claim Administrator, Independent Adjuster or Third Party Administrator
L1	Late No Excuse
L2	Late Notification, Employer
L3	Late Notification, Employee
L4	Late Notification, State
L5	Late Notification, Health Care Provider
L6	Late Notification, Assigned Risk
L7	Late Investigation
L8	Technical Processing Delay or Computer Failure
L9	Manual Processing Delay
LA	Intermittent Lost Time Prior to First Payment
LB	Awaiting Wage Amount Verification

11 - Billing Code

Code indicating type of Bill TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
BNX BSW DM

TRANSACTION SETS USED IN
404 417 424 426 492 858 940

CODE	DEFINITION & EXPLANATION
A	Temporarily Articulated Load
B	Straight Plan
C	Average Agreement
D	Switch Bill
E	Storage
F	Detention
G	Store in Transit
H	For Furtherance of Transit
J	Flat Car Composite Billing
M	Multiple Shipment Billing
P	Paired Trailer Shipment
Q	Multi-car Transit
R	Rule 24 Lead and Trailer Equipment on Single Revenue Bill
S	Single Shipment Billing
T	Transit Billing
U	Unit Train Billing
V	Normal Bill of Lading
W	Negotiable Bill of Lading
X	Straight Consignment Bill of Lading
Y	Route Code Bill of Lading

12 - Payment Pattern

To identify a monthly payment pattern over time

TYPE=**AN** MIN=**1** MAX=**84**

SEGMENTS USED IN (AS SIMPLE)

PPD

TRANSACTION SETS USED IN

200 202

13 - Booking Number

Number assigned by the carrier for space reservation TYPE=**AN** MIN=**1** MAX=**17**

SEGMENTS USED IN (AS SIMPLE)

CM Y3 Y4 Y5

TRANSACTION SETS USED IN

301 303 353 404 410 417 858 859

14 - Carriage Value

Carriage value expressed in whole units of the standard monetary denomination for the currency specified

TYPE=**N0** MIN=**2** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

M1

TRANSACTION SETS USED IN

104 197 273 304 310 404 858 859

16 - Charge Method of Payment Code

Code specifying method of payment TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
L1 L8

TRANSACTION SETS USED IN
104 110 210 220 223 300 301 304 310 312 325 404 410 417 426 858 859

CODE	DEFINITION & EXPLANATION
A	Prepaid Cash
B	Prepaid Credit
C	Collect Cash
D	Collect Credit
E	Collect
P	Prepaid

19 - City Name

Free-form text for city name

TYPE=**AN** MIN=**2** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

BIX BJF BL CIV D9 DMA DMI E4 E5 E6 F9 FK G4 GR2 GR4 GY H5 IND INS IS2 ISC L7 M15 MS1
MS3 N4 N8 N8A PS Q5 R2 R3 S9 SMA SMR T1 T2 T3 T6 TAR V9 W3 W4 W5 Y1

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 109 110 111 112 113 120 124 126 128 130 132 133 135 138 140 141 142
143 144 146 147 148 149 150 152 153 154 155 157 159 161 163 175 176 179 180 185 186 187 188 189
190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219
220 222 223 227 228 240 245 248 249 250 251 252 255 256 259 260 261 262 264 265 266 267 268 269
270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 303 304 309 310 311 312
315 317 322 323 325 350 353 355 358 359 404 410 412 417 418 419 420 421 422 423 424 425 426 431
434 437 440 453 455 456 460 470 485 490 494 500 501 503 504 511 517 521 527 536 540 561 567 568
601 603 620 625 650 715 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822 823 824 826
827 828 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852
853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 873 874 875 876 878 879
880 881 882 885 887 888 889 890 892 893 896 897 920 928 940 943 944 945 947

20 - Client Bank Number

Federal Reserve Routing Code TYPE=**AN** MIN=**3** MAX=**9**

Code Sources

4

SEGMENTS USED IN (AS SIMPLE)

C2

TRANSACTION SETS USED IN

110 210 304 310

21 - Number of Shipments

Total number of shipments on this transaction TYPE=**N0** MIN=**1** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

B3A LC1 P1

TRANSACTION SETS USED IN

104 106 108 110 223 859

22 - Commodity Code

Code describing a commodity or group of commodities TYPE=**AN** MIN=**1** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

AT2 CMC E6 ED FX2 G5 GA L13 L5 LH1 N10 PDP PR PR1 PRM SCR SID SL1 TC2 TD1 TPD W01 W04 W2

TRANSACTION SETS USED IN

103 104 106 107 110 180 187 200 201 204 210 211 215 219 222 228 270 271 272 283 284 285 286 300
301 304 309 310 311 312 317 322 324 325 355 362 404 410 417 418 419 420 421 422 423 424 426 433
435 437 440 451 453 455 456 460 466 470 490 494 601 753 754 810 830 832 833 838 840 843 850 855
856 857 858 859 860 861 862 865 870 872 888 890 897 940 943 944 945

23 - Commodity Code Qualifier

Code identifying the commodity coding system used for Commodity Code

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

FX2 L13 L5 N10 PDP PR PR1 SID TC2 TD1 TPD W01 W04

TRANSACTION SETS USED IN

103 104 106 107 110 180 187 200 201 204 210 215 270 271 272 283 284 285 286 300 301 304 309 310 311 312 317 322 325 355 362 404 410 417 421 423 426 433 435 437 453 456 460 466 470 490 494 601 754 810 830 832 833 838 840 843 850 855 856 857 858 859 860 861 862 865 870 872 888 890 897 940 943 944 945

CODE	DEFINITION & EXPLANATION
0	National Association of Convenience Stores SEE CODE SOURCE 850
1	Global Product Classification Code (GPC) SEE CODE SOURCE 41 SEE CODE SOURCE 961
2	Dun's SIC 2+2, Dun & Bradstreet SEE CODE SOURCE 117
3	Empty Non-hazardous Last Contained (HMRC) Code SEE CODE SOURCE 13
4	Chemical Abstract Service Registry Number SEE CODE SOURCE 69
5	National Drug Code SEE CODE SOURCE 134
6	Universal Descriptor Exchange Code (UDEX) SEE CODE SOURCE 960
7	International Foodservice Distributors Association (IFDA) SEE CODE SOURCE 962
8	Manufacturer Code
9	Contractee Code
A	Harmonized Tariff Schedule of the United States Annotated *Classification of imported merchandise for rate of duty and statistical purposes* SEE CODE SOURCE 6
B	U.S. Foreign Trade Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States SEE CODE SOURCE 7
C	Canadian Freight Classification SEE CODE SOURCE 8
D	Department of Defense Unique Codes
E	Coordinated Motor Freight Classification SEE CODE SOURCE 9
F	National Stock Number SEE CODE SOURCE 27
G	Canadian Wheat Board, Grain Code for Terminal Elevator Accounting
H	Brussels Nomenclature SEE CODE SOURCE 10

I Milstamp AITC or Water Commodity Code
SEE CODE SOURCE 350

J Harmonized System-Based Schedule B
Classification of exported merchandise
SEE CODE SOURCE 75

K Federal Supply Classification
SEE CODE SOURCE 27

L Last Contained Contents STCC
SEE CODE SOURCE 13

M Dun & Bradstreet Standard Product and Service Code
SEE CODE SOURCE 572

N National Motor Freight Classification (NMFC)
SEE CODE SOURCE 11

P Bulk Petroleum Codes
SEE CODE SOURCE 261

Q Quota Category
SEE CODE SOURCE 146

R North American Industrial Classification System (NAICS) Code
SEE CODE SOURCE 672

S Standard International Trade Classification (SITC)
SEE CODE SOURCE 12

T Standard Transportation Commodity Code (STCC)
SEE CODE SOURCE 13

U Uniform Freight Classification (UFC)
SEE CODE SOURCE 25

V Standard Industrial Classification (SIC) Code
SEE CODE SOURCE 113

W Department of Defense Commodities and Services Code
SEE CODE SOURCE 879

X Contractor Code

Y Canadian Export Classification
Also known as the Harmonized Code System (Canada)
SEE CODE SOURCE 116

Z Mutually defined

AH American Hospital Formulary System (AHFS) Classification Code

AT Anatomical Therapeutic Chemical (ATC)

EN ECCnet Classification Code
SEE CODE SOURCE 972

ET ETIM Technical Information Model (ETIM International)

UN UNSPSC - United Nations Standard Products and Services Code
SEE CODE SOURCE 849

24 - Equipment Type Code

Code identifying equipment type

TYPE=**ID** MIN=**4** MAX=**4**

Code Sources

14

SEGMENTS USED IN (AS SIMPLE)

B12 B4 CD1 LP N21 N7 TD3 VID Y2 Y4

TRANSACTION SETS USED IN

109 121 125 163 204 210 219 220 222 223 227 300 301 304 309 310 311 312 313 315 319 322 324 325 326 350 355 358 359 404 410 417 422 423 426 436 456 470 601 603 715 830 832 840 843 850 853 855 856 857 858 859 860 861 862 865 870 940

26 - Country Code

Code identifying the country TYPE=**ID** MIN=**2** MAX=**3**

Code Sources

5

COMPOSITE DATA STRUCTURES USED IN

C024

SEGMENTS USED IN (AS COMPONENT)

CLM UM

SEGMENTS USED IN (AS SIMPLE)

BA1 BJF BL BMS CD3 CM CRD D9 DMA DMG DMI DVI E4 EM F9 FBB GR2 GR4 IND INS M1 M10 MS1 MSS
N10 N4 Q2 Q5 R4 RDI REG S9 SD1 TAR TD5 TER UD V1 V5 V9 VEH VID X1

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 109 110 111 112 113 120 121 124 126 128 130 132 133 135 138 140 141
142 143 144 146 147 148 149 150 152 153 154 155 157 159 161 163 175 176 179 180 185 186 187 188
189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217
219 220 222 223 227 228 240 245 248 249 250 251 252 255 256 259 260 261 262 264 265 266 267 268
269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 303 304 309 310 311
312 315 317 322 323 324 325 326 350 352 353 354 355 356 357 358 359 362 404 410 412 417 418 421
422 423 424 425 426 431 434 437 455 456 460 470 490 494 500 501 503 504 511 517 521 527 536 540
561 567 568 601 603 620 625 650 715 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822
823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849
850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 872 873 874
875 876 878 879 880 881 882 885 887 888 889 890 892 893 896 897 920 940 943 944 945 947

28 - Group Control Number

Assigned number originated and maintained by the sender TYPE=**N0** MIN=**1** MAX=**9**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK1 GE GS OTI

TRANSACTION SETS USED IN

824 993 997 999

31 - Adjustment Number

Identification assigned to an inventory level or status adjustment TYPE=**AN** MIN=**1** MAX=**22**

SEGMENTS USED IN (AS SIMPLE)

W15

TRANSACTION SETS USED IN

947

32 - Delivery Date

Date for delivery of cargo to final consignee or to next mode expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

TYPE=**DT** MIN=**8** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

B3 M2 P2

TRANSACTION SETS USED IN

110 210 304 310 312 858 859

33 - Lading Exception Code

Code indicating the condition of the shipment TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

Q7 Q8

TRANSACTION SETS USED IN

212 214 240 854 920

CODE	DEFINITION & EXPLANATION
0	Partial Short, Location Unknown
A	All Short
D	Damaged
E	Entire Shipment Refused
O	Overage
P	Partial Shipment
W	Wrong Product

34 - Service Standard

To report the time period of carrier's standard service for the shipment TYPE=**N1** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

CD3 SV

TRANSACTION SETS USED IN

106 107 210 215 217 240

35 - Bill of Lading Disposition Code

Code indicating to a carrier or port authority about postings to a bill of lading

TYPE=**ID** MIN=**2** MAX=**3**

Code Sources

110

SEGMENTS USED IN (AS SIMPLE)

CD1 SG X4

TRANSACTION SETS USED IN

109 315 319 350

39 - Entitlement Code

Code identifying entitlement party

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

L1

TRANSACTION SETS USED IN

104 110 210 223 300 301 304 310 312 404 410 417 426 858 859

CODE	DEFINITION & EXPLANATION
A	Agent
B	Broker
C	Consignee
D	Destination Carrier
E	Forwarder or Agent
I	Issuing Carrier
S	Shipper
Z	Mutually Defined

40 - Equipment Description Code

Code identifying type of equipment used for shipment TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

AEI BVA FAC GR4 IS1 LET MS2 N21 N5 N7 R12 RT1 TD3 TS VEH VID W09 W2 W27

TRANSACTION SETS USED IN

106 107 121 124 125 126 129 148 160 161 163 187 204 210 211 212 214 219 220 222 223 227 228 240 266 267 270 271 272 284 285 286 300 301 304 309 310 312 322 324 325 326 350 355 358 359 404 410 412 417 418 421 422 423 426 436 456 470 601 603 715 811 820 830 832 840 843 850 853 855 856 857 858 859 860 861 862 865 870 940 943 945

CODE	DEFINITION & EXPLANATION
20	20 ft. IL Container (Open Top)
2B	20 ft. IL Container (Closed Top)
2C	Cut-in Robot Distributed Power Unit (DPU)
2D	Control Unit
2E	Head-end Helper Unit
2F	Roadrailer
2G	Cut-in Helper
2H	Rear-end Helper Unit
2R	Rear-end Robot Distributed Power Unit (DPU)
40	40 ft. IL Container (Open Top)
45	45 ft. IL Container (Open Top)
48	48 ft. IL Container (Open Top)
4B	40 ft. IL Container (Closed Top)
4C	45 ft. IL Container (Closed Top)
4D	48 ft. IL Container (Closed Top)
5A	53 ft. IL Container (Open Top)
5B	53 ft. IL Container (Closed Top)
60	60 ft. IL Container (Open Top)
6B	60 ft. IL Container (Closed Top)
AA	Air Ride Van
AC	Closed Container
AD	Flatbed Sliding Tandem
AF	Air Freight (Break Bulk)
AL	Container, Aluminum *Container must be made of aluminum*
AP	Aircraft
AT	Closed Container (Controlled Temperature)
BC	Covered Barge
BE	Bilevel Railcar Fully Open
BF	Bilevel Railcar Fully Enclosed
BG	Bogie

BH Bilevel Railcar Screened With Roof
BJ Bilevel Railcar Screened, No Roof
BK Container, Bulk
BO Barge Open
BR Barge
BU Buffer Car
BX Boxcar
CA Caboose
CB Chassis, Gooseneck
CC Container resting on a Chassis
CD Container with Bag Hangers
Rings or bars located in upper part of container walls to suspend bulk bags within the ocean container
CG Container, Tank (Gas)
CH Chassis
CI Container, Insulated
CJ Container, Insulated/Ventilated
CK Container, Heated/Insulated/Ventilated
CL Container (Closed Top - Length Unspecified)
CM Container, Open-Sided
CN Container
CP Coil Car Open
CQ Container, Tank (Food Grade-Liquid)
CR Coil-Car Covered
CS Container-Low Side Open Top
CT Container-High Side Open Top
CU Container (Open Top - Length Unspecified)
CV Closed Van
CW Container, Tank (Chemicals)
CX Container, Tank
CZ Refrigerated Container
DD Double-Drop Trailer
A flatbed with two drop decks
DF Container with Flush Doors
Container doors must be flush with the inside walls of the ocean-type containers
DT Drop Back Trailer
DX Boxcar, Damage Free Equipped
ET End of Train Device
FF Frozen Food Trailer
FH Flat Bed Trailer with Headboards
FN Flat Bed Trailer with No Headboards
FP Flatcar With Pedestal
FR Flat Bed Trailer - Removable Sides

FS Container with Floor Securing Rings
Appliances at floor level that can be used to secure cargo

FT Flat Bed Trailer

FX Boxcar Cushion Under Frame OF

GS Generator Set

HB Container with Hangar Bars
Container must be equipped with hangar beams/bars for garment shipments

HC Hopper Car (Covered)

HO Hopper Car (Open)

HP Hopper Car (Covered; Pneumatic Discharge)

HT Head of Train Device

HV High Cube Van

HY Hydrant-Cart
Used at large airports with installed distribution systems to make into-plane deliveries; distinguished from other types of fueling vehicles

ID Idler Car

IX Boxcar (Insulated)

LO Locomotive

LS Half Height Flat Rack

LU Load/unload Device on Equipment

M1 Motorcycle

NC Non Containerized Equipment

NX Boxcar (Interior Bulkheads)

OB Ocean Vessel (Break Bulk)

OT Open-top/flatbed trailer

OV Open Top Van

PL Container, Platform

PM Flat Bed Trailer, Pneumatic

PP Power Pack
A container holding a motor, generator, and fuel tank, used to provide power for refrigerated containers on a double stack train

PT Protected Trailer

PU Pickup Truck

RA Fixed-Rack, Flat-Bed Trailer
A flatbed trailer with an A-frame

RC Refrigerated (Reefer) Car

RD Fixed-Rack, Double Drop Trailer
A double-drop, flatbed with an A-frame

RE Flat Car (End Bulkheads)

RF Flat Car

RG Gondola Covered

RI Gondola Car (Covered - Interior Bulkheads)

RO Gondola Car (Open)

RR Rail Car

RS Fixed-Rack, Single-Drop Trailer
A single-drop, flatbed with an A-frame

RT Controlled Temperature Trailer (Reefer)

SA Saddle
Device to stack containers on a rail car

SC Service Car

SD Single-Drop Trailer
A flatbed trailer with one drop deck

SK Stack Car

SL Container, Steel
Container must be made of steel

SR STAK-RAK
A device upon which empty chassis may be stacked for movement "en bloc" on a railcar, stacktrain, trailer, or water-borne vessel

SS Container with Smooth Sides
Walls in ocean container must be flat/smooth

ST Removable Side Trailer

SV Van - Special Inside Length, Width or Height Requirements

TA Trailer, Heated/Insulated/Ventilated

TB Trailer, Boat

TC Trailer, Car

TD Tender Car

TF Trailer, Dry Freight

TG Trailer, Tank (Gas)

TH Truck, Open Top High Side

TI Trailer, Insulated

TJ Trailer, Tank (Chemicals)

TK Trailer, Tank (Food Grade-Liquid)

TL Trailer (not otherwise specified)

TM Trailer, Insulated/Ventilated

TN Tank Car

TO Truck, Open Top

TP Trailer, Pneumatic
A specialized trailer with a pneumatic device for loading or unloading

TQ Trailer, Electric Heat
A trailer with electric heat to keep product from freezing

TR Tractor

TT Telescoping Trailer

TU Truck, Open Top Low Side

TV Truck, Van

TW Trailer, Refrigerated
A refrigerated trailer capable of keeping product cold. Different from a temperature controlled trailer which is able to keep product at a constant temperature

UA Trilevel Railcar 20 Feet

UB Trilevel Railcar Screened, Fully Enclosed

UC Trilevel Railcar Screened, With Roof
UD Trilevel Railcar Screened, No Roof
UE Trilevel Railcar Screened, With Doors, No Roof
UL Unit Load Device (ULD)
UP Container, Upgraded
Container must be upgraded for higher weights
V1 Small Van
V2 Medium Van
V3 Long Wheelbase Van
V4 Extra Long Wheelbase Van
V5 Luton Van
V6 7.5 Ton Vehicle
V7 17.5 Ton Vehicle
VA Container, Vented
Dry container must have vent openings for air exchange
VE Vessel, Ocean
VL Vessel, Lake
VR Vessel, Ocean, Rollon-Rolloff
VS Vessel, Ocean, Lash
VT Vessel, Ocean, Containership
WR Container with Wavy or Ripple Sides
Walls must be wavy or ripple type
WY Railroad Maintenance of Way Car

41 - Interchange Train Identification

Train identification (free-form) TYPE=**AN** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

BAX BGP BTS ER G5 GR2 IS2 ISC LFI

TRANSACTION SETS USED IN

160 161 418 421 436 440 451 452 453 456 715

42 - Block Identifier

Identifier for a block of cars TYPE=**AN** MIN=**1** MAX=**12**

SEGMENTS USED IN (AS SIMPLE)

E8 IS2 ISC W1

TRANSACTION SETS USED IN

418 420 421 453 456

46 - Ex Parte

Level of rates as published in the tariff TYPE=**AN** MIN=**4** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

L7 VR

TRANSACTION SETS USED IN

126 129 210 304 310 312 810 858 859

47 - Export Filing Key Code

Code indicating the type of communications with customs TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
X1

TRANSACTION SETS USED IN
104 215 304 309 310 311 355 358 404 417 601 841 858 859

CODE	DEFINITION & EXPLANATION
A	Automatic (Machine Readable)
M	Manual (Forms)

48 - Export License Control Code

Code indicating the type of control applicable to the export license TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
X1

TRANSACTION SETS USED IN
104 215 304 309 310 311 355 358 404 417 601 841 858 859

CODE	DEFINITION & EXPLANATION
1	Statement 1, General Division
2	Statement 2, Distribution or Resale
3	Statement 3, Soviet Bloc and Other Specified Countries
4	Export Control Clause to South Africa

50 - Export License Number

Government assigned identification number for exporter TYPE=**AN** MIN=**6** MAX=**35**

SEGMENTS USED IN (AS SIMPLE)

X1

TRANSACTION SETS USED IN

104 215 304 309 310 311 355 358 404 417 601 841 858 859

51 - Export License Status Code

Code specifying whether the shipment completes the terms of the license, or the shipment is only a partial delivery relative to the license terms

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

X1

TRANSACTION SETS USED IN

104 215 304 309 310 311 355 358 404 417 601 841 858 859

CODE	DEFINITION & EXPLANATION
C	Complete
P	Partial

52 - Export License Symbol Code

Code specifying the export symbol marked on a shipment TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
X1

TRANSACTION SETS USED IN
104 215 304 309 310 311 355 358 404 417 601 841 858 859

CODE	DEFINITION & EXPLANATION
1	G-Dest - Shipments of Commodities to Destination Not Requiring a Validated License
2	GLV - Shipments of Limited Value
3	GIT - In-transit Shipments
4	GUS - Shipments to Personnel and Agencies of the U.S. Government
5	GLC - Exports of Commercial Vehicles by Certain Civil Airlines and by Private Common Carrier
6	GTF-US - Goods Imported for Display at U.S. Exhibitions or Trade Fairs
7	GLR - Return or Replacement of Certain Commodities
8	GIFT - Shipment of Gift Parcels
9	GATS - Aircraft on Temporary Sojourn
G	General Export License Required
V	Validated Export License Required
10	GMS - Shipments Under the Mutual Security Act
11	GTD & GTDR - Technical Data
12	State *Shipment under validated State Department license*
13	General License Non-naval Reserve (G-NNR) *Shipments of certain non-naval reserve petroleum*
14	General License Cooperating Governments (GCG) *Shipments to agencies of cooperating countries*
15	Registered Carrier Stores (RCS) *Shipments to U.S. or Canadian vessels, planes, and air installations or agents*
16	General License - Temporary (G-Temp) *Temporary exports*
17	General License Free World (GFW) *Low-level exports to certain countries*
CN	Automated Export System (AES) Ultimate Destination Canada
DP	Automated Export System (AES) Diplomatic Pouches
GS	Automated Export System (AES) Shipments to U. S. Agencies
HH	Automated Export System (AES) Household Shipment
HR	Automated Export System (AES) Human Remains
MS	Automated Export System (AES) U. S. Military Supplies
PP	Automated Export System (AES) Personal Property
UP	Automated Export System (AES) Shipments between US Possessions except Virgin Islands
UR	Automated Export System (AES) Unreported Low Value Shipment

54 - Risk of Loss Code

Code specifying where responsibility for risk of loss passes TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)

FOB LUC

TRANSACTION SETS USED IN

104 202 250 503 754 810 812 830 832 836 838 840 843 850 852 855 856 857 859 860 861 862 865 866

CODE	DEFINITION & EXPLANATION
BY	Risk of Loss in Transit to Destination is Buyer's
FE	Risk of Loss in Transit to Freight Equalization Point is Seller's
IM	Shared Risk and Investor Markets
IR	Investor Risk
LR	Lender Risk
PP	Risk of Loss in Transit to Pool Point is Seller's
SE	Risk of Loss in Transit to Destination is Seller's
SR	Shared Risk and Lender Markets
ZZ	Mutually Defined

55 - Flight/Voyage Number

Identifying designator for the particular flight or voyage on which the cargo travels

TYPE=**AN** MIN=**2** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

BA2 BVA CM M10 Q2 V1 X01

TRANSACTION SETS USED IN

109 121 126 272 300 301 304 309 310 311 312 315 319 322 323 324 325 326 350 352 353 354 355 356 357 358 362 404 410 417 715 810 856 858 859

56 - Type of Service Code

Code specifying extent of transportation service requested TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)

CD1 L0 MBL N7 R2 R2A VID Y2 Y4

TRANSACTION SETS USED IN

104 110 121 125 163 204 210 219 220 222 223 227 300 301 304 309 310 311 312 317 319 322 324 325 326 350 355 358 359 404 410 417 421 422 423 426 436 453 456 470 601 715 858 859 940

CODE	DEFINITION & EXPLANATION
02	Instrument of International Trade
AA	Airport-to-Airport
AD	Airport-to-Door
AE	Automated Export
AI	Transport Mode Change
BB	Breakbulk
CS	Container Station
CY	Container Yard
DA	Door-to-Airport of Debarkation
DD	Door to Door
DR	Door to Ramp
HA	Haulage *Contractual arrangement between carriers to provide service*
HH	House-to-house
HL	Headload or Devanning
HP	House-to-pier
LT	Less than Trailer/Container Load
MC	Multi-country Consolidation
MD	Mixed Delivery
NC	Non-containerized cargo
PH	Pier-to-house
PP	Pier-to-pier
RD	Ramp to Door
RE	Ramp to Ramp
RR	Roll-on Roll-off

58 - Amount Charged

For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified

TYPE=**N2** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

AT3 CD3 CGS CSD L1 L3 SWC SWR

TRANSACTION SETS USED IN

104 110 121 204 210 211 215 219 220 222 223 240 300 301 304 310 311 312 322 325 404 410 417 424 426 433 858 859

59 - Freight Class Code

Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.

TYPE=**AN** MIN=**2** MAX=**5**

Code Sources

8 9 11 25

SEGMENTS USED IN (AS SIMPLE)

AT2 CMC L7 W01 W04

TRANSACTION SETS USED IN

126 210 211 304 310 312 753 810 858 859 940 943

60 - Freight Rate

Rate that applies to the specific commodity TYPE=**R** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

AT3 G5 L1 L3 L8 LC1 MS5 RD RT1 RTT T2 T6

TRANSACTION SETS USED IN

104 106 108 110 129 204 210 211 215 219 220 222 223 300 301 304 310 311 312 322 325 404 410 417 426 440 460 494 858 859

61 - Free-form Information

Free-form information TYPE=**AN** MIN=**1** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

AP1 AWD FDA ITC K1 LOD M1 QTY V9 X7

TRANSACTION SETS USED IN

100 103 104 105 109 110 111 112 113 124 128 131 132 133 135 139 140 141 142 143 148 150 151 152
155 159 160 161 175 176 179 180 185 186 187 189 194 195 196 197 198 199 200 201 202 203 205 206
210 211 214 242 251 256 259 261 262 264 266 267 272 273 274 277 283 284 285 286 288 290 300 301
303 304 310 311 312 315 322 323 325 350 352 353 355 361 362 404 410 417 422 423 426 432 455 468
500 501 503 511 517 527 536 568 625 650 754 806 810 811 814 816 819 820 823 824 829 830 831 832
833 834 835 836 837 839 840 841 842 843 844 845 846 847 849 850 852 854 855 858 859 860 862 863
865 866 867 868 869 870 873 875 876 880 881 883 884 886 887 888 889 890 897 940 945

62 - Hazardous Material Code

Code relating to hazardous material code qualifier for regulated hazardous materials

TYPE=**AN** MIN=**4** MAX=**10**

Code Sources

15 29 30 31 32 52 53

SEGMENTS USED IN (AS SIMPLE)

H1

TRANSACTION SETS USED IN

104 210 284 285 286 300 301 304 309 310 312 317 322 324 325 355 859 888

63 - Hazardous Material Contact

Phone number and name of person or department to contact in case of emergency

TYPE=**AN** MIN=**1** MAX=**24**

SEGMENTS USED IN (AS SIMPLE)

H1

TRANSACTION SETS USED IN

104 210 284 285 286 300 301 304 309 310 312 317 322 324 325 355 859 888

64 - Hazardous Material Description

Material name, special instructions, and phone number if any TYPE=**AN** MIN=**2** MAX=**30**

Code Sources

15 29 30 31 32 52 53

SEGMENTS USED IN (AS SIMPLE)

H1 H2

TRANSACTION SETS USED IN

104 210 284 285 286 300 301 304 309 310 312 317 322 324 325 355 859 888

65 - Height

Vertical dimension of an object measured when the object is in the upright position

TYPE=**R** MIN=**1** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

AT9 CR4 DMA FU3 G39 G55 HLH ID1 ID3 L4 LCT MS4 N21 N5 N7 PAL PKL PO4 PO5 PO6 PO7 PO8 SCR VC1 VID

TRANSACTION SETS USED IN

104 106 107 110 120 121 125 135 163 186 187 191 204 210 211 212 215 219 220 222 223 227 252 255 267 273 278 284 285 300 301 304 309 310 311 312 322 324 326 350 355 358 359 404 410 417 418 422 423 426 436 456 470 527 601 603 715 754 810 812 830 832 834 837 840 843 850 852 855 856 857 858 859 860 861 862 863 865 867 888 890 893 896 897 940 944 945

66 - Identification Code Qualifier

Code specifying the system/method of code structure used for Identification Code (67)

TYPE=**ID** MIN=**1** MAX=**2**

COMPOSITE DATA STRUCTURES USED IN

C076

SEGMENTS USED IN (AS COMPONENT)

N1

SEGMENTS USED IN (AS SIMPLE)

ACT B11 BIX BR BTI BVA BVB BVP BVS C2 CDS CER CI CLR CPM CQ CRS CSE DEL E1 EMS ENE ENT ERI F01 F6X FBB FOS FU2 IND LCD LSC LUI M13 N1 NM1 OPS PCL PPR PR2 PSA PT PWK RT RYL S1 SDQ SES SPK TD5 TFS TUD VR WLD XPO

TRANSACTION SETS USED IN

100 101 103 104 105 106 107 108 110 111 112 113 120 121 124 126 127 128 129 130 131 132 133 135 138 139 140 141 142 143 144 146 147 148 149 150 151 152 153 154 155 157 158 159 161 163 170 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 227 228 240 242 244 245 248 249 250 251 252 255 256 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310 311 312 313 317 322 325 350 355 357 358 359 361 362 404 410 412 417 418 421 422 423 424 426 431 433 434 451 452 453 455 456 460 466 470 490 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822 823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 869 870 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 896 897 920 924 928 940 943 944 945 947

CODE	DEFINITION & EXPLANATION
0	Petroleum Industry Exchange (PETROEX) Number
1	D-U-N-S Number, Dun & Bradstreet SEE CODE SOURCE 16
2	Standard Carrier Alpha Code (SCAC) SEE CODE SOURCE 17
3	Federal Maritime Commission (Ocean) (FMC) SEE CODE SOURCE 18
4	International Air Transport Association (IATA) SEE CODE SOURCE 2
6	Plant Code
7	Loading Dock
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix SEE CODE SOURCE 16
A	U.S. Customs and Border Protection (CBP) Carrier Identification SEE CODE SOURCE 512
C	Insured's Changed Unique Identification Number
D	Census Schedule D SEE CODE SOURCE 54
E	Hazard Insurance Policy Number
F	Document Custodian Identification Number
G	Payee Identification Number

I Secondary Marketing Investor Assigned Number
J Mortgage Electronic Registration System Organization Identifier
K Census Schedule K
SEE CODE SOURCE 55
L Investor Assigned Identification Number
M Certificate Number
N Insured's Unique Identification Number
S Title Insurance Policy Number
U United Nations Location Code (UNLOCODE) Number
SEE CODE SOURCE 202
10 Department of Defense Activity Address Code (DODAAC)
SEE CODE SOURCE 350
11 Drug Enforcement Administration (DEA)
SEE CODE SOURCE 73
12 Telephone Number (Phone)
13 Federal Reserve Routing Code (FRRC)
SEE CODE SOURCE 4
15 Standard Address Number (SAN)
SEE CODE SOURCE 42
16 ZIP Code
SEE CODE SOURCE 51
17 Automated Broker Interface (ABI) Routing Code
19 FIPS-55 (Named Populated Places)
SEE CODE SOURCE 43
20 Standard Point Location Code (SPLC)
SEE CODE SOURCE 21
21 Health Industry Number (HIN)
SEE CODE SOURCE 121
22 Council of Petroleum Accounting Societies code (COPAS)
SEE CODE SOURCE 61
23 Journal of Commerce (JOC)
SEE CODE SOURCE 74
24 Employer's Identification Number
25 Carrier's Customer Code
26 Petroleum Accountants Society of Canada Company Code
SEE CODE SOURCE 86
27 Government Bill Of Lading Office Code (GBLOC)
28 American Paper Institute
SEE CODE SOURCE 62
29 Grid Location and Facility Code
SEE CODE SOURCE 150
30 American Petroleum Institute Location Code
31 Bank Identification Code
Number assigned to a bankwithin a country (non-USA); also called a BankSort Code
32 Assigned by Property Operator
33 Commercial and Government Entity (CAGE)
SEE CODE SOURCE 1
34 Social Security Number
35 Electronic Mail Internal System Address Code

36 Customs House Broker License Number
SEE CODE SOURCE 155

37 United Nations Vendor Code
SEE CODE SOURCE 553

38 Country Code
SEE CODE SOURCE 5

39 Local Union Number

40 Electronic Mail User Code
Identifies the Electronic Mail User locally defined and maintained between trading partners

41 Telecommunications Carrier Identification Code
Identifies the Interexchange carrier for the charges being billed
SEE CODE SOURCE 719

42 Telecommunications Pseudo Carrier Identification Code
A code similar to the standard Carrier Identification Code which is used to identify the local exchange service providers
SEE CODE SOURCE 46

43 Alternate Social Security Number
The social security number attributed to the secondary taxpayer

44 Return Sequence Number
A unique 16-digit number that is assigned by the transmitter to each return within a transmission

45 Declaration Control Number
A unique 14-digit number assigned to each taxpayer's Form 8453 (Individual Income Tax Declaration for Electronic Filing) which is used to match this form to the filed return

46 Electronic Transmitter Identification Number (ETIN)
A unique number assigned to each transmitter and software developer

47 Tax Authority Identification

48 Electronic Filer Identification Number (EFIN)
A unique number assigned to each firm, organization, or individual who is authorized to electronically file tax returns

49 State Identification Number
A unique number that a state taxing authority assigns an organization, firm, or individual

50 Business License Number

51 Fuel Inventory Adjustment Identification
SEE CODE SOURCE 681

53 Building

54 Warehouse

55 Post Office Box

56 Division

57 Department

58 Originating Company Number

59 Receiving Company Number

61 Holding Mortgagee Number

62 Servicing Mortgagee Number

63 Servicer-holder Mortgagee Number

64 One Call Agency
SEE CODE SOURCE 567

71 Integrated Postsecondary Education Data System (IPEDS) set of codes maintained by the U.S. Department of Education's National Center of Education Statistics, Washington, D.C.

72 The College Board's Admission Testing Program (ATP), administered by the Educational Testing Service (ETS), 4-digit list of postsecondary educational institutions.

73 Federal Interagency Commission on Education (FICE) number. Available from the United States Department of Education, National Center for Education Statistics.

74 American College Testing (ACT) list of postsecondary educational institutions.

75 State or Province Assigned Number

76 Local School District or Jurisdiction Number

77 National Center for Education Statistics (NCES) Common Core of Data (CCD) number for PreK - 12 institutions

78 The College Board and ACT 6 digit code list of secondary educational institutions

81 Classification of Instructional Programs (CIP) coding structure maintained by the U.S. Department of Education's National Center for Education Statistics

82 Higher Education General Information Survey (HEGIS) maintained by the U.S. Department of Education's National Center for Education Statistics

83 Congressional District

90 California Ethnic Subgroups Code Table
SEE CODE SOURCE 37

91 Assigned by Seller or Seller's Agent

92 Assigned by Buyer or Buyer's Agent

93 Code assigned by the organization originating the transaction set

94 Code assigned by the organization that is the ultimate destination of the transaction set

95 Assigned By Transporter
SEE CODE SOURCE 188

96 Assigned By Pipeline Operator

97 Receiver's Code
Derived from the entries in the Military Assistance Program Address Directory (MAPAD) or the Department of Defense Active Address Code (DoDAAC). Represents the location of the ultimate consignee

98 Purchasing Office
Purchasing Office (location and address) identified by a unique number found in Appendix N of the Defense Federal Acquisition Regulation Supplement

99 Office of Workers Compensation Programs (OWCP) Agency Code
SEE CODE SOURCE 486

A1 Approver ID

A2 Military Assistance Program Address Code (MAPAC)
Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity
SEE CODE SOURCE 350

A3 Assigned by Third Party

A4 Assigned by Clearinghouse

A5 Committee on Uniform Security Identification Procedures (CUSIP) Number

A6 Financial Identification Numbering System (FINS) Number

A7 Automated Commercial Environment Identification Code (ACEID)

AA Postal Service Code
SEE CODE SOURCE 93

AB US Environmental Protection Agency (EPA) Identification Number

AC Attachment Control Number
Means of associating electronic claim with documentation forwarded by other means

AD Blue Cross Blue Shield Association Plan Code
Unique 3-digit number assigned to independent Blue Cross or Blue Shield plans by Blue Cross/Blue Shield Association

AE Alberta Energy Resources Conservation Board
SEE CODE SOURCE 207

AF Rental Location Identifier

AI Automotive Identifier for Canada Border Services Agency

AL Anesthesia License Number
License number issued by Board of Anesthesiologist

AP Alberta Petroleum Marketing Commission
SEE CODE SOURCE 208

AY Activity Code
SEE CODE SOURCE 350

BC British Columbia Ministry of Energy Mines and Petroleum Resources
SEE CODE SOURCE 209

BD Blue Cross Provider Number
Number assigned by Blue Cross Plan to a provider of services

BE Common Language Location Identification (CLLI)
The standard address location code for a specific equipment location as used in the telephone industry
SEE CODE SOURCE 138

BF Broker Filer ID

BG Badge Number

BN Canada Revenue Agency (CRA) Business Number

BP Benefit Plan

BS Blue Shield Provider Number
Number assigned by Blue Shield Plan to a provider of services

C1 Insured or Subscriber

C2 Health Maintenance Organization (HMO) Provider Number

C4 Department of Defense Communication Routing Identifier (COMMRI)
A code that identifies the originating information system within a specific location.

C5 Customer Identification File
SEE CODE SOURCE 579

CA Statistics Canada Canadian College Student Information System Course Codes
SEE CODE SOURCE 323

CB Statistics Canada Canadian College Student Information System Institution Codes
SEE CODE SOURCE 324

CC Statistics Canada University Student Information System Curriculum Codes
SEE CODE SOURCE 296

CD Contract Division

CE Bureau of the Census Filer Identification Code
SEE CODE SOURCE 97

CF Canadian Financial Institution Routing Number
SEE CODE SOURCE 91

CI TRICARE
Identification Number issued by TRICARE organization to a unique provider of services

CL Corrected Loan Number
A new or corrected number used to identify a loan

CM U.S. Customs and Border Protection (CBP) Manufacturer Identifier (MID)
An identification code for a manufacturer which is constructed according to U.S. Customs and Border Protection (CBP) Directive 3500-55

CN National Center for Education Statistics (NCES) Course Classification System for Secondary Schools

CP Canadian Petroleum Association
SEE CODE SOURCE 210

CR Credit Repository

CS Statistics Canada University Student Information System University Codes
SEE CODE SOURCE 300

CT Court Identification Code

CU U.S. Customs and Border Protection (CBP) Assigned Importer Number

CW U.S. Customs and Border Protection (CBP) Assigned Consignee Number

DG United States Department of Education Guarantor Identification Code
SEE CODE SOURCE 172

DL United States Department of Education Lender Identification Code
SEE CODE SOURCE 172

DN Dentist License Number
License number issued by American Dental Association

DO Door

DP Data Processing Point

DR Gas Industry Standards Board (GISB) Data Reference Number (DRN)
SEE CODE SOURCE 293

DS United States Department of Education School Identification Code
SEE CODE SOURCE 173

EC ARI Electronic Commerce Location ID Code
SEE CODE SOURCE 538

EH Theatre Number
Number assigned by the exhibition company

EI Employee Identification Number

EL Elevator

EP U.S. Environmental Protection Agency (EPA)
SEE CODE SOURCE 109

EQ Insurance Company Assigned Identification Number

ER Mortgagee Assigned Identification Number

ES Automated Export System (AES) Filer Identification Code
SEE CODE SOURCE 97

ET Educational Testing Service List of International Postsecondary Institutions
SEE CODE SOURCE 855

FA Facility Identification

FB Field Code
A code assigned by regulatory agencies to a surface area

FC Federal Court Jurisdiction Identifier
SEE CODE SOURCE 36

FD Federal Court Divisional Office Number

FE Facility Federal Identification Number

FI Federal Taxpayer's Identification Number

FJ Federal Jurisdiction
SEE CODE SOURCE 282

FL Floor

FN U.S. Environmental Protection Agency (EPA) Laboratory Certification Identification
SEE CODE SOURCE 109

FR Facilities Information and Resources Management System (FIRMS) Code

FT Free and Secure Trade (FAST) ID

GA Primary Agent Identification

GC GAS*CODE
SEE CODE SOURCE 301

GS Global Service Relation Number
A GS1 key used to identify a service relationship between a business and a client

HC Centers for Medicare and Medicaid Services
SEE CODE SOURCE 158

HI HCIdea Number
The uniquely assigned number from The National Council for Prescription Drug Programs, Inc. (NCPDP) for health care professionals who are licensed to write prescriptions.
SEE CODE SOURCE 938

HN Health Insurance Claim (HIC) Number
Unique number assigned to individual for submitting claims covered by Medicare benefits

HS House (Canadian Grain Elevator)

ID UCC EDI Communications ID (Comm ID)

II Standard Unique Health Identifier for each Individual in the United States

IN Changed Unique Identification Number

IP U.S. Customs and Border Protection (CBP) Carrier Initiative Program (CIP) Participant Identification Number

LC Agency Location Code (U.S. Government)

LD NISO Z39.53 Language Codes
SEE CODE SOURCE 457

LE ISO 639 Language Codes
SEE CODE SOURCE 102

LI Labeler Identification Code (LIC)
SEE CODE SOURCE 243

LN Loan Number
A unique number used to identify a loan on a property, entity, or location at a financial institution or mortgage broker

M3 Disbursing Station
DOD Disbursing Offices (location and address) can be identified by a unique number found in departmental regulations
SEE CODE SOURCE 199

M4 Department of Defense Routing Identifier Code (RIC)
An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions
SEE CODE SOURCE 350

M5 Jurisdiction Code

M6 Division Office Code

MA Mail Stop

MB Medical Information Bureau
SEE CODE SOURCE 280

MC Medicaid Provider Number
Number assigned to a health care provider for submitting claims covered by Medicaid benefits

MD Manitoba Department of Mines and Resources
SEE CODE SOURCE 211

MI Member Identification Number

MK Market

ML Multiple Listing Service Vendor - Multiple Listing Service Identification

MN Mortgage Identification Number

MO Major Organizational Entity
SEE CODE SOURCE 925

MP Medicare Provider Number
Number assigned to a health care provider for submitting claims covered by Medicare benefits

MR Medicaid Recipient Identification Number
Unique identification number assigned to each member covered under a subscriber's contract

NA National Association of Realtors - Multiple Listing Service Identification

ND Mode Designator
SEE CODE SOURCE 17

NI National Association of Insurance Commissioners (NAIC) Identification

NO National Criminal Information Center Originating Agency

NR Non Resident Alien Registration Number

OC Occupation Code
Identifies individual's occupation
SEE CODE SOURCE 156

OE Healthcare Other Entity ID (OEID)
Number defined in 45 CFR part 162.524 Other entity identifier and enumerated by the system defined in 162.508 Enumeration System
SEE CODE SOURCE 540

OP On-line Payment and Collection

PA Secondary Agent Identification

PB Public Identification

PC Provider Commercial Number
Unique number assigned to the provider for submitting claims to commercial insurance carriers

PI Payer Identification

PN Passport Identification Number

PP Pharmacy Processor Number
Unique number assigned to each pharmacy for submitting claims

PR Pier

PY Proximity Card Number

RA Regulatory Agency Number
A number assigned to a regulatory jurisdiction

RB Real Estate Agent

RC Real Estate Company

RD Real Estate Broker Identification

RE Real Estate License Number
RI Office of Regulatory Information Systems (ORIS) Code
RP Ramp
RT Railroad Track
SA Tertiary Agent Identification
SB Social Insurance Number
SD Saskatchewan Department of Energy Mines and Resources
SEE CODE SOURCE 212
SF Suffix Code
A code assigned by a regulatory agency to operator numbers
SI Standard Industry Code (SIC)
SJ State or Province Jurisdiction
SEE CODE SOURCE 22
SK State/Provincial Lottery License Number
SL State License Number
Number uniquely issued to provider by state licensing board
SM SAMMI -- System for Award Management Managed Identifier
SP Specialty License Number
License number issued to identify providers unique area of practice
ST State/Province License Tag
SV Service Provider Number
SW Society for Worldwide Interbank Financial Telecommunications (SWIFT) Address
SX U.S. Customs and Border Protection (CBP) Shipper Identifier (SID)
TA Taxpayer ID Number
TC Internal Revenue Service Terminal Code
SEE CODE SOURCE 409
TI Individual Taxpayer's Identification Number (ITIN)
TL Transport4 Location Code
SEE CODE SOURCE 841
TS Transport4 Shipper Code
SEE CODE SOURCE 841
TZ Department Code
UC Consumer Credit Identification Number
UE Unique Entity Identifier
A code in the General Services Administration (GSA) System for Award Management used to uniquely identify organizations or individuals applying for financial assistance, contract awards, loans, grants, or who need to register to do business with the Federal Government
UI Unit Identification Code
SEE CODE SOURCE 878
UL Global Location Number (GLN)
A globally unique 13 digit code used for the identification of any physical or legal location that needs to be uniquely identified for use in the supply chain. A GS1 identification key
SEE CODE SOURCE 583
UM GS1 Global Location Number with Extension Component
A globally unique 13-digit code with a one to twenty character extension component used, for the identification of a legal or physical location
SEE CODE SOURCE 583

UP Unique Physician Identification Number (UPIN)
Number assigned to the provider by the National Registry for Medicare identification purposes

UR Uniform Resource Locator (URL)

US Unique Supplier Identification Number (USIN)

UT Unit

WR Wine Region Code
SEE CODE SOURCE 320

WS Education Language Codes
SEE CODE SOURCE 845

X1 National Center for Education Statistics Unit Identification Number

XV Standard Unique Health Plan Identifier (HPID)
SEE CODE SOURCE 540

XX Standard Unique Health Identifier for Health Care Providers (NPI)
SEE CODE SOURCE 537

XY District Assigned Number

ZB U.S. Customs and Border Protection (CBP) Encrypted Consignee Identification

ZC Contractor Establishment Code
SEE CODE SOURCE 442

ZN Zone

ZY Temporary Identification Number
A temporary ID to be used until a permanent ID is processed

ZZ Mutually Defined

67 - Identification Code

Code identifying a party or other code

TYPE=**AN** MIN=**2** MAX=**80**

COMPOSITE DATA STRUCTURES USED IN

C076

SEGMENTS USED IN (AS COMPONENT)

N1

SEGMENTS USED IN (AS SIMPLE)

ACT B11 BIX BR BRR BTC BTI BVA BVB BVP BVS C2 CCI CDS CER CI CLR CPM CQ CRS CSE DEL E1 EDF EMS EMT ENE ENT ERI F01 F6X FBB FOS FU2 IND LCD LSC LUI M13 N1 NM1 OPS PCL PPR PR2 PSA PT PWK RT RYL S1 SDQ SES SMS SPK SSC TBI TD5 TFS THE TUD VAR VR WLD X1 XPO

TRANSACTION SETS USED IN

100 101 103 104 105 106 107 108 110 111 112 113 120 121 124 126 127 128 129 130 131 132 133 135 138 139 140 141 142 143 144 146 147 148 149 150 151 152 153 154 155 157 158 159 161 163 170 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 227 228 240 242 244 245 248 249 250 251 252 255 256 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310 311 312 313 317 322 325 350 355 357 358 359 361 362 404 410 412 417 418 421 422 423 424 426 431 433 434 451 452 453 455 456 460 466 470 490 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822 823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 869 870 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 896 897 920 924 928 940 943 944 945 947

70 - Import License Number

Government assigned identification number for importer of foreign shipments

TYPE=**AN** MIN=**6** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

X2

TRANSACTION SETS USED IN

104 215 304 310 311 841 858 859

71 - Inquiry Request Number

Identifying number assigned by inquirer

TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

B10 B4

TRANSACTION SETS USED IN

109 214 223 313 315

72 - Type of Service Offered Code

Code indicating type of service offered by carrier TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
SV

TRANSACTION SETS USED IN
106 107 217

CODE	DEFINITION & EXPLANATION
D	Direct Service
I	Interline with Connecting Line
N	No Service

73 - Compensation Qualifier

Code indicating type of compensation TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
G3

TRANSACTION SETS USED IN
304 310

CODE	DEFINITION & EXPLANATION
A	Agency Fees
B	Brokerage
F	Freight Forwarder

74 - Declared Value

Monetary assigned value expressed in the standard monetary denomination for the currency specified

TYPE=**N2** MIN=**2** MAX=**12**

SEGMENTS USED IN (AS SIMPLE)

ID4 L1 L3 M1 MS5

TRANSACTION SETS USED IN

104 107 110 197 204 210 215 219 220 223 273 300 301 304 310 311 312 322 325 404 410 417 426 858 859

76 - Invoice Number

Identifying number assigned by issuer TYPE=**AN** MIN=**1** MAX=**22**

SEGMENTS USED IN (AS SIMPLE)

B3 B3B BCD BDD BIG BVA BVS CF2 DEL F6X G01 G48 R11 R2 R3 SWD VAD

TRANSACTION SETS USED IN

110 121 126 210 224 304 310 312 404 410 412 417 421 422 423 424 426 453 456 470 810 811 812 854 858 859 880 881 882 924 940

77 - Flashpoint Temperature

The flashpoint temperature for hazardous material TYPE=**N** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

H1

TRANSACTION SETS USED IN

104 210 284 285 286 300 301 304 309 310 312 317 322 324 325 355 859 888

78 - Container Type Request Code

Code indicating type of container equipment requested TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
Y2

TRANSACTION SETS USED IN
300 304 310 311

CODE	DEFINITION & EXPLANATION
C	Containers with Chassis
R	Containers Only
S	Shipper To Provide - None Requested
W	Chassis Only

79 - Lading Description

Description of an item as required for rating and billing purposes TYPE=**AN** MIN=**1** MAX=**50**

SEGMENTS USED IN (AS SIMPLE)

AT4 ED F09 L5 LAD Q8 T2 TD1

TRANSACTION SETS USED IN

104 110 180 204 210 211 215 219 220 222 300 301 304 310 311 312 317 322 324 325 362 404 410 417 421 423 424 426 451 455 456 470 754 830 832 840 843 850 854 855 856 857 858 859 860 861 862 865 870 888 920 944 945

80 - Lading Quantity

Number of units (pieces) of the lading commodity TYPE=**N0** MIN=**1** MAX=**7**

SEGMENTS USED IN (AS SIMPLE)

AT2 AT8 G05 L0 L3 LAD LH1 MBL Q2 Q7 Q8 TD1 W03 X1

TRANSACTION SETS USED IN

104 109 110 163 180 204 210 211 212 214 215 219 220 222 223 240 250 300 301 304 309 310 311 312 315 317 322 325 326 355 358 404 410 417 418 421 423 426 601 753 754 830 832 840 841 843 850 854 855 856 857 858 859 860 861 862 865 870 888 920 940 943 944 945

81 - Weight

Numeric value of weight

TYPE=**R** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

AT2 AT8 AT9 AXL BTS CD3 CF2 CR1 CR4 CTT DMA EM F04 G05 G20 G31 G5 G76 H6 HLH ID1 ID3 ID4 ISS
L0 L10 L13 L3 L8 LAD M11 MS6 N10 N21 N7 OID PAT PLD PS Q2 S5 SHD SMO SWD T2 TD1 TD3 TEM
V2 V9 VC1 W03 W12 W19 W20 W28 W76

TRANSACTION SETS USED IN

104 106 107 109 110 120 121 125 135 161 163 180 186 187 191 200 201 202 204 205 210 211 212 213
214 215 216 219 220 222 223 224 227 240 250 252 255 267 271 272 273 276 277 278 284 285 300 301
303 304 309 310 311 312 315 317 322 323 324 325 326 350 353 355 358 359 404 410 417 418 421 422
423 424 426 431 436 440 455 456 470 500 561 568 601 603 715 753 754 810 811 812 819 828 830 832
833 834 837 840 843 844 845 846 847 849 850 851 852 853 855 856 857 858 859 860 861 862 865 866
867 869 870 872 875 876 879 880 882 888 896 897 920 940 943 944 945 947

82 - Length

Largest horizontal dimension of an object measured when the object is in the upright position

TYPE=**R** MIN=**1** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

AXL BTS G12 G18 G39 G55 L4 LCT MS4 N7A PAL PO4 PO5 PO6 PO7 PO8 V2 V9 VC1 VEH

TRANSACTION SETS USED IN

104 109 110 120 124 148 161 187 204 210 211 215 219 220 266 267 270 271 272 273 284 285 286 300 301 303 304 309 310 311 312 315 323 325 350 353 355 358 359 417 426 455 470 527 601 603 754 810 811 812 820 830 832 840 843 850 852 855 856 857 858 859 860 861 862 863 865 867 885 887 888 893 897 940 944 945

83 - Code For Licensing, Certification, Registration, or Accreditation Agency

Code identifying a licensing, certification, registration, or accreditation agency.

TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)

DMA HPL SLA X1

TRANSACTION SETS USED IN

104 133 135 186 187 191 215 252 255 267 273 274 284 285 304 309 310 311 355 358 359 404 417 418 601 841 858 859

CODE	DEFINITION & EXPLANATION
1	Middle States Association of Colleges and Schools, Commission on Higher Education
2	Middle States Association of Colleges and Schools, Commission on Secondary Schools
3	New England Association of Schools and Colleges, Commission on Institutions of Higher Education
4	New England Association of Schools and Colleges, Commission on Vocational, Technical, Career Institutions
5	North Central Association of Colleges and Schools, Commission on Institutions of Higher Education
6	North Central Association of Colleges and Schools, Commission on Schools
7	Northwest Association of Schools and Colleges, Commission on Colleges
8	Southern Association of Colleges and Schools, Commission on Colleges
9	Western Association of Schools and Colleges, Accrediting Commission for Community and unior Colleges
A	Commission for Accreditation for Rehabilitation Facilities (CARF)
B	oint Commission on Accreditation of Health Organizations (CAHO)
C	Commercial - Motor Vehicle
D	Driver License - Motor Vehicle
E	Office of Export Administration
F	Federal Aviation Administration (FAA)
G	Department of Agriculture - Tobacco, Seeds & Plants
H	National Committee for Quality Assurance (NCQA)
I	Department of the Interior - U.S. Endangered Native Fish and Wildlife and Migratory Birds
J	Department of ustice - Narcotics and Dangerous Drugs
K	Utilization Review Accreditation Commission (URAC)
L	U.S. Customs and Border Protection (CBP) - Automated Export System
M	Maritime Administration - Watercraft (Other Than Vessels of War), Vessels Exported for Scrapping, Dismantling, Dismembering, or Destroying the Hulls Thereof (Also Controlled by Office of Export Administration)
N	Nuclear Regulatory Commission - Commodities Subject to the Atomic Energy Act
P	Federal Power Commission - Natural Gas and Electric Energy
S	Department of State - Arms, Ammunition, Implements of War; Vessels of War

T Department of Treasury - Gold
10 Western Association of Schools and Colleges, Accrediting Commission for Schools
11 Western Association of Schools and Colleges, Accrediting Commission for Senior Colleges and Universities

86 - Total Equipment

Total pieces of equipment TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

B2 BTS V9

TRANSACTION SETS USED IN

109 110 161 204 273 300 301 303 304 310 312 315 323 325 350 417 426 455 859

87 - Marks and Numbers

Marks and numbers used to identify a shipment or parts of a shipment TYPE=**AN** MIN=**1** MAX=**80**

SEGMENTS USED IN (AS SIMPLE)

L5 MAN N10

TRANSACTION SETS USED IN

104 110 200 201 204 210 211 212 214 215 219 220 240 284 300 301 304 309 310 311 312 317 322 325 355 362 404 410 417 421 423 426 456 470 511 601 754 830 833 840 843 846 850 855 856 857 858 859 860 861 865 867 872 920 940 944 945

88 - Marks and Numbers Qualifier

Code specifying the application or source of Marks and Numbers (87) TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
L5 MAN

TRANSACTION SETS USED IN
104 110 204 210 211 212 214 215 219 220 240 284 300 301 304 309 310 311 312 317 322 325 362 404 410 417 421 423 426 456 470 511 601 754 830 840 843 846 850 855 856 857 858 859 860 861 865 867 920 940 944 945

CODE	DEFINITION & EXPLANATION
L	Line Item Only
R	Originator Assigned *Information originated by the initiator of the transaction*
S	Entire Shipment
W	Pallet Number
X	Pallet Configuration Number
AA	EAN.UCC Serial Shipping Container Code (SSCC) SEE CODE SOURCE 98
AI	UCC/EAN-128 Application Identifier (AI) and Data
CA	Shipper-Assigned Case Number *Number identifying unit shipped*
CP	Carrier-Assigned Package ID Number
DZ	Receiver Assigned Drop Zone
E1	Electronic Product Code (ePC) Serial Shipping Container Code (SSCC) *Trade Item with ePC tag marked with SSCC value*
E2	Electronic Product Code (ePC) and Bar Code Serial Shipping Container Code (SSCC) *Trade Item with dual marking for barcode and ePC, with SSCC value*
E3	Electronic Product Code (ePC) and Bar Code Serial Shipping Container Code (SSCC) with Application Identifier (AI) *Trade Item with dual marking for barcode and ePC, with SSCC and AI value*
E4	Electronic Product Code (ePC) Serialized Global Trade Item Number (SGTIN) *Trade Item with ePC tag marked with SGTIN*
E5	Electronic Product Code (ePC) with Bar Code Serialized Global Trade Item Number (SGTIN) *Trade Item with dual marking for barcode and ePC, with SGTIN. Serial Number is in ePC tag only*
GI	Global Individual Asset Identifier *A globally unique GS1 System identification number used to identify a physical asset*
GM	EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier SEE CODE SOURCE 98
GR	Global Returnable Asset Identifier (GRAI) *The globally unique GS1 System identification number for a reusable package or transport equipment of a certain value, such as a beer keg, gas cylinder, or pallet. The GRAI enables returnable assets to be identified by type or individually for tracking or sorting purposes.*
GS	Serialized Global Returnable Asset Identifier (GRAI) *The globally unique GS1 System identification number for a reusable package or transport*

equipment of a certain value, such as a beer keg, gas cylinder or pallet. The identifier includes a 1 to 16 character serial number. The serialized GRAI enables returnable assets to be identified by type or individually for tracking or sorting purposes

MC Master Carton Number
The identification number of the outermost (external) container in a shipment leaving the supplier's dock

MT Marked Ticket Price

PB Premarked by Buyer

S1 Serialized Number
Serial number for trade item

SI Self-Identifying Container via Radio Frequency ID Device
Inbound containers that do not need manual routing

SM Shipper Assigned

SR Shipper Assigned Roll Number

SS Shipper Assigned Skid Number

UC U.P.C. Shipping Container Code
SEE CODE SOURCE 41

UI Department of Defense Unique Item Identifier
An identifier used to uniquely identify an individual item

UP U.P.C. Consumer Package Code (1-5-5-1)
SEE CODE SOURCE 41

ZZ Mutually Defined

90 - Measurement Unit Qualifier

Code specifying the linear dimensional unit TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

AXL DMA L4 LCT MS4 VC1

TRANSACTION SETS USED IN

104 110 120 135 186 187 191 204 210 211 215 219 220 252 255 267 273 284 285 300 301 304 309 311 312 358 359 418 470 858

CODE	DEFINITION & EXPLANATION
C	Centimeters
E	Feet
N	Inches
X	Meters

91 - Transportation Method/Type Code

Code specifying the method or type of transportation for the shipment TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)

B3B BA1 BOR BX CAD CM FK G66 G93 IV1 LC1 M10 M11 M12 M15 MS3 R2 R2A R3 RT1 SHD SPK TD5 V1
W08 W27 W66 Y1 Y2 Y3 ZC1

TRANSACTION SETS USED IN

106 107 108 121 126 129 180 186 204 210 211 214 219 220 272 286 300 301 304 309 310 311 312 317
322 323 324 325 326 350 352 353 354 355 356 357 358 362 404 410 417 421 422 423 426 453 456 460
470 485 527 601 715 810 811 812 830 832 838 840 843 850 852 853 855 856 857 858 859 860 861 862
865 870 875 876 879 880 888 897 940 943 944 945

CODE	DEFINITION & EXPLANATION
6	Military Official Mail
7	Mail *Type of transportation provided by the U.S. Postal Service*
A	Air
B	Barge
C	Consolidation
D	Parcel Post
E	Expedited Truck
F	Flyaway *When an aircraft is sold to a customer, the delivery flight (non-revenue) includes goods and products (such as spare parts) as part of the contract*
G	Consignee Option
H	Customer Pickup
I	Common Irregular Carrier
J	Motor
K	Backhaul
L	Contract Carrier
M	Motor (Common Carrier)
N	Private Vessel
O	Containerized Ocean
P	Private Carrier
Q	Conventional Ocean
R	Rail
S	Ocean
T	Best Way (Shippers Option)
U	Private Parcel Service
W	Inland Waterway
X	Intermodal (Piggyback)
Y	Military Intratheater Airlift Service *Method of movement of material from a point in a theater to another point within the same theater by military controlled aircraft*

AC Air Charter

AE Air Express

AF Air Freight

AH Air Taxi
FAA approved carrier utilizing a 1 or 2 engine aircraft for on demand service

AP Air (Package Carrier)

AR Armed Forces Courier Service (ARFCOS)
A military organization whose mission involves the receipt, movement, and delivery of special categories of material

BB Breakbulk Ocean

BP Book Postal

BU Bus

CC Commingled Ocean

CE Customer Pickup / Customer's Expense

DA Driveaway Service
Movement of wheeled vehicle, wheeled equipment, or wheeled chassis of which is powered by a self-contained power unit (includes tractor/trailer combination)

DW Driveaway, Truckaway, Towaway
DoD policy includes all three terms in one. They mean collectively , a transportation method whereby a vehicle is moved under its own power by a driver, or loaded into or upon a carrier's equipment, or towed by carrier's equipment

ED Air Mobility Command (AMC) Channel and Special Assignment Airlift Mission

FA Air Freight Forwarder
A firm other than a railroad, motor, or water carrier, which represents itself as a common carrier and undertakes to assemble and consolidate shipments or provide for same and assumes responsibility for the air transportation of such property from point of receipt to its destination. Delivery is "Held in Bond"

FL Motor (Flatbed)

GG Geographic Receiving/Shipping
A collection of shipments that involve multiple origins, multiple destinations, and a single trailer, and are paid under a single freight bill

GR Geographic Receiving
A collection of shipments that involve a single origin, multiple destinations, and a single trailer, and are paid under a single freight bill

GS Geographic Shipping
A collection of shipments that involve multiple origins, a single destination, and a single trailer, and are paid under a single freight bill

HH Household Goods Truck

IP Intermodal (Personal Property)

LA Military Air

LD Local Delivery

LT Less Than Trailer Load (LTL)

MB Motor (Bulk Carrier)

MP Motor (Package Carrier)

MS Military Sealift Command (MSC)

PA Pooled Air
Outbound shipment from an airport consolidation point to a final destination via an air mover

PG Pooled Piggyback
Outbound shipment consisting of a trailer on a railcar from a consolidation point to a final destination in a rail move

PL Pipeline

PP Pool to Pool
Shipment moves from one consolidation point to another consolidation point before final delivery

PR Pooled Rail

PT Pooled Truck

RC Rail, Less than Carload
Movement by rail of a quantity of freight less than that required for the application of a carload rate

RO Ocean (Roll on - Roll off)

RR Roadrailer
Used for shipments that travel by roadrailer, i.e., a multimodal rail/highway trailer

SB Shipper Agent
Agent for piggyback code consolidation

SC Shipper Agent (Truck)
Motor carrier agent for piggyback trailer consolidators

SD Shipper Association
Non-profit cooperative consolidator or distributors of shipments by member firms

SE Sea/Air

SF Surface Freight Forwarder

SR Supplier Truck

SS Steamship

ST Stack Train

TA Towaway Service
Movement of shipper owned trailers or semi-trailers loaded and/or pulled by carrier furnished power unit

TC Cab (Taxi)

TT Tank Truck

VA Motor (Van)

VE Vessel, Ocean

VL Vessel, Lake

WP Water or Pipeline Intermodal Movement
A water move by barge or tanker followed by a pipeline move to the destination

XE Intermodal Expedited

Y1 Ocean Conference Carrier

Y2 Ocean Non-Conference Carrier

ZZ Mutually defined

92 - Purchase Order Type Code

Code specifying the type of Purchase Order TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
BCA BCH BEG BQT G50 PRF W05

TRANSACTION SETS USED IN
180 216 250 325 840 850 856 857 860 861 865 867 869 870 875 940

CODE	DEFINITION & EXPLANATION
AB	Assortment Against Blanket
AC	AOG (Aircraft on Ground) Critical
AO	AOG (Aircraft on Ground) Service
BD	Bidding
BE	Blanket Order/Estimated Quantities (Not firm Commitment)
BH	Bill and Hold
BK	Blanket Order (Quantity Firm)
BL	Bailment
BO	Bill Only *The consignment product ordered is to be billed only and not replenished*
BQ	Budgetary Quote
BR	Bill & Replace *The consignment product ordered is to be billed and replenished*
BY	Buying
CA	Contract Award Notification
CB	Cooperative Agreement
CC	Change to Contract
CD	Assistance Award Loan
CE	Undefinitized Contract Action
CF	Confirmation
CG	Formula Funds Assistance Award
CN	Consigned Order
CO	Catalog Order
CP	Change to Purchase Order
CR	Change to Release
DN	Donation Order
DO	Domestic Order
DR	Direct Ship *Vendor ships directly to customer*
DS	Dropship
DT	Ship to Distribution Center/Mark for Store
DU	Ship to Store/Mark for Consumer
DV	Ship to Distribution Center/Mark for Consumer

EO Emergency Order
Acquires what is needed no matter what the cost; different from a rush order in that rush utilizes the normal channels as quickly as possible

EP Export Order

FF Formula Funds

FH Fabricate and Hold

FS Firesale Order - Damaged or Distressed Merchandise

IN Information Copy

JL Job Lot

KA Agreement

KB Blanket Purchase Agreement
A charge account established with qualified sources of supply to satisfy repetitive requirements

KC Contract
A legally binding document wherein one party agrees to provide supplies or services and another party agrees to provide compensation for the supplies or services

KD Basic Agreement
A written instrument of understanding that contemplates separate future contracts

KE Basic Ordering Agreement
A document which contains terms and conditions, a description of supplies or services to be provided and methods of pricing, issuing, and delivering orders under this agreement

KG Grant

KI Indefinite Delivery Indefinite Quantity
A contract that provides for a minimum quantity and an indefinite maximum quantity within stated limits

KN Purchase Order
Procurement instrument within the small purchasing threshold

KO Close Out

KP Authority to Proceed
An authorization that permits the selling party to incur costs for the eventual delivery of supplies or services prior to the formal execution of a contract

KQ Indefinite Delivery Definite Quantity
A contract that provides for delivery of a specified quantity over a fixed period of time to unspecified locations

KR Requirements
A contract to provide all specified requirements of designated organizations for a fixed period of time

KS Letter Contract

KT Task Order

LB Lease (Blanket Agreement)

LN Loan

LS Lease

NA Novation Agreement

NE New Order

NO Not for Sale

NP New Product Introduction

NS New Store Opening

OS Special Order
PD Production Order
PR Promotion
RA Release Against Assortment
RC Retailer Pre-commitment
RE Reorder
RL Release or Delivery Order
An order for goods and services placed against a pre-existing contract or blanket order
RN Renewal Order
RO Rush Order
RR Repair and Return
RT Rental
RU Record Update Service
Service orders for customer-requested changes to the service provider's records that do not require installation or movement of equipment
RW Resume Work Order
SA Stand-alone Order
SO Shipped Order
SP Sample
SS Supply or Service Order
ST Standing Order
SW Stop Work
TC Toll Conversion Order
TM Time & Materials
TR Termination
UD Unit Down
Critical unit is down. This is the highest priority
UE Unit Exchange
US Urgent Service Request
WO Warranty Order
WT Warehouse Transfer Order
ZZ Mutually Defined

93 - Name

Free-form name TYPE=**AN** MIN=**1** MAX=**60**

SEGMENTS USED IN (AS SIMPLE)

ACT BAU CAI CI CII CIV CPM CRS CSE CSU DED DMI DVI E1 FU3 FU5 G3 G4 G61 G86 GID ID2 IN2 JL
LH6 LN2 LT M7A MCD N1 N2 OBI PD PER PIN PL POD PPR PRJ PT RAP RC RDM RT RU1 S1 SA SBR
SBT SCH SES SHI SP THE TPP TST UWI V2 VEH WLD

TRANSACTION SETS USED IN

100 101 103 104 105 106 107 108 110 111 112 113 120 124 128 129 130 131 132 133 135 138 139 140
141 142 143 144 146 147 148 149 150 152 153 154 155 157 158 159 161 163 170 175 176 179 180 185
186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214
215 216 217 219 220 222 223 227 228 240 242 244 245 248 249 250 251 252 255 256 259 260 261 262
263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300
301 304 309 310 311 312 313 317 322 325 350 353 355 357 358 359 361 362 404 410 412 417 418 421
422 423 424 426 429 431 433 434 440 452 453 455 456 460 468 470 475 485 486 490 494 500 501 503
504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 753 754 805 806 810 811 812 813 814
816 819 820 821 822 823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842 843 844
845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868
869 870 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893
894 895 896 897 920 940 943 944 945 947

95 - Number of Containers

Number of shipping containers TYPE=**N0** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

Y2 Y4

TRANSACTION SETS USED IN

300 301 304 310 311

96 - Number of Included Segments

Total number of segments included in a transaction set including ST and SE segments

TYPE=**N0** MIN=**1** MAX=**10**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

SE

TRANSACTION SETS USED IN

100 101 102 103 104 105 106 107 108 109 110 111 112 113 120 121 124 125 126 127 128 129 130 131 132 133 135 138 139 140 141 142 143 144 146 147 148 149 150 151 152 153 154 155 157 158 159 160 161 163 170 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 224 225 227 228 240 242 244 245 248 249 250 251 252 255 256 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 303 304 309 310 311 312 313 315 317 319 322 323 324 325 326 350 352 353 354 355 356 357 358 359 361 362 404 410 412 414 417 418 419 420 421 422 423 424 425 426 429 431 432 433 434 435 436 437 440 451 452 453 455 456 460 463 466 468 470 475 485 486 490 492 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 753 754 805 806 810 811 812 813 814 815 816 818 819 820 821 822 823 824 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 920 924 925 926 928 940 943 944 945 947 980 990 993 996 997 998 999

97 - Number of Transaction Sets Included

Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

TYPE=**N0** MIN=**1** MAX=**6**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK9 GE

TRANSACTION SETS USED IN

997 999

98 - Entity Identifier Code

Code identifying an organizational entity, a physical location, property or an individual

TYPE=**ID** MIN=**2** MAX=**3**

COMPOSITE DATA STRUCTURES USED IN
C043

SEGMENTS USED IN (AS COMPONENT)
STC

SEGMENTS USED IN (AS SIMPLE)
CHB CLI CPL CTH CUR DOS ENT FU3 FU5 G18 IN1 LCD LIE M1 M7 M7A MRC N1 NM1 NX1 PEX PLA PPI PPR PSC PT PTF PWK R2A RDI SCH Y1

TRANSACTION SETS USED IN
100 101 103 104 105 106 107 108 110 111 112 113 120 124 128 130 131 132 133 135 138 139 140 141 142 143 144 146 147 148 149 150 152 153 154 155 157 158 159 161 163 170 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 227 228 240 242 244 245 248 249 250 251 252 255 256 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310 311 312 313 317 322 324 325 350 353 355 357 358 359 361 362 404 410 412 414 417 418 421 422 423 424 426 431 433 434 452 453 455 456 460 470 490 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822 823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 869 870 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 896 897 920 940 943 944 945 947

CODE	DEFINITION & EXPLANATION
00	Alternate Insurer
01	Loan Applicant
02	Loan Broker
03	Dependent
04	Asset Account Holder
05	Tenant
06	Recipient of Civil or Legal Liability Payment
07	Titleholder
08	Non-Mortgage Liability Account Holder
09	Note Co-Signer
0A	Comparable Rentals
0B	Interim Funding Organization
0D	Non-occupant Co-borrower
0E	List Owner
0F	List Mailer
0G	Primary Electronic Business Contact
0H	State Division
0I	Alternate Electronic Business Contact
0J	Primary Practice Location

0P Party to Declare Goods
10 Conduit
11 Party to be billed (AAR Accounting Rule 11)
12 Regional Office
13 Contracted Service Provider
14 Wholly-Owned Subsidiary
15 Accounts Payable Office
16 Plant
17 Consultant's Office
18 Production
19 Non-Production Supplier
1A Subgroup
1B Applicant
1C Group Purchasing Organization (GPO)
1D Co-operative
1E Health Maintenance Organization (HMO)
1F Alliance
1G Oncology Center
1H Kidney Dialysis Unit
1I Preferred Provider Organization (PPO)
1J Connection
The name of pipeline company to which a well, lease or field is connected
1K Franchisor
1L Franchisee
1M Previous Group
1N Shareholder
1O Acute Care Hospital
1P Provider
1Q Military Facility
1R University, College or School
1S Outpatient Surgicenter
1T Physician, Clinic or Group Practice
1U Long Term Care Facility
1V Extended Care Facility
1W Psychiatric Health Facility
1X Laboratory
1Y Retail Pharmacy
1Z Home Health Care
20 Foreign Supplier
21 Small Business
22 Minority-Owned Business, Small
23 Minority-Owned Business, Large
24 Woman-Owned Business, Small

25 Woman-Owned Business, Large
26 Socially Disadvantaged Business
27 Small Disadvantaged Business
28 Subcontractor
29 Prototype Supplier
2A Federal, State, County or City Facility
2B Third-Party Administrator
2C Co-Participant
2D Miscellaneous Health Care Facility
2E Non-Health Care Miscellaneous Facility
2F State
2G Assigner
2H Hospital District or Authority
2I Church Operated Facility
2J Individual
2K Partnership
2L Corporation
2M Air Force Facility
2N Army Facility
2O Navy Facility
2P Public Health Service Facility
2Q Veterans Administration Facility
2R Federal Facility
2S Public Health Service Indian Service Facility
2T Department of Justice Facility
2U Other Not-for-profit Facility
2V Individual for-profit Facility
2W Partnership for-profit Facility
2X Corporation for-profit Facility
2Y General Medical and Surgical Facility
2Z Hospital Unit of an Institution (prison hospital, college infirmary, etc.)
30 Service Supplier
31 Postal Mailing Address
32 Party to Receive Material Release
33 Inquiry Address
34 Material Change Notice Address
35 Electronic Data Interchange (EDI) Coordinator Point Address
36 Employer
37 Previous Debt Holder
38 Mortgage Liability Account Holder
39 Appraisal Company
3A Hospital Unit Within an Institution for the Mentally Retarded
3B Psychiatric Facility

3C Tuberculosis and Other Respiratory Diseases Facility
3D Obstetrics and Gynecology Facility
3E Eye, Ear, Nose and Throat Facility
3F Rehabilitation Facility
3G Orthopedic Facility
3H Chronic Disease Facility
3I Other Specialty Facility
3J Children's General Facility
3K Children's Hospital Unit of an Institution
3L Children's Psychiatric Facility
3M Children's Tuberculosis and Other Respiratory Diseases Facility
3N Children's Eye, Ear, Nose and Throat Facility
3O Children's Rehabilitation Facility
3P Children's Orthopedic Facility
3Q Children's Chronic Disease Facility
3R Children's Other Specialty Facility
3S Institution for Mental Retardation
3T Alcoholism and Other Chemical Dependency Facility
3U General Inpatient Care for AIDS/ARC Facility
3V AIDS/ARC Unit
3W Specialized Outpatient Program for AIDS/ARC
3X Alcohol/Drug Abuse or Dependency Inpatient Unit
3Y Alcohol/Drug Abuse or Dependency Outpatient Services
3Z Arthritis Treatment Center
40 Receiver
Entity to accept transmission
41 Submitter
Entity transmitting transaction set
42 Component Manufacturer
Provider of a proprietary designed and manufactured subassembly that meets defined customer specifications
43 Claimant Authorized Representative
44 Data Processing Service Bureau
45 Drop-off Location
46 Invoicing Dealer
Source with whom monetary transactions for component manufacturer extended service coverages will occur
47 Estimator
48 In-service Source
Source placing product into service
49 Initial Dealer
The dealer who initially attempted the repair
4A Birthing Room/LDRP Room
4B Burn Care Unit
4C Cardiac Catheterization Laboratory

4D Open-Heart Surgery Facility
4E Cardiac Intensive Care Unit
4F Angioplasty Facility
4G Chronic Obstructive Pulmonary Disease Service Facility
4H Emergency Department
4I Trauma Center (Certified)
4J Extracorporeal Shock-Wave Lithotripter (ESWL) Unit
4K Fitness Center
4L Genetic Counseling/Screening Services
4M Adult Day Care Program Facility
4N Alzheimer's Diagnostic/Assessment Services
4O Comprehensive Geriatric Assessment Facility
4P Emergency Response (Geriatric) Unit
4Q Geriatric Acute Care Unit
4R Geriatric Clinics
4S Respite Care Facility
4T Senior Membership Program
4U Patient Education Unit
4V Community Health Promotion Facility
4W Worksite Health Promotion Facility
4X Hemodialysis Facility
4Y Home Health Services
4Z Hospice
50 Manufacturer's Representative
51 Parts Distributor
52 Part Remanufacturer
53 Registered Owner
Unique code of entity owning the equipment
54 Order Writer
Individual who receives the product from the customer and prepares the repair order describing work to be performed
55 Service Manager
Person responsible for service department
56 Servicing Dealer
57 Servicing Organization
58 Store Manager
59 Party to Approve Specification
5A Medical Surgical or Other Intensive Care Unit
5B Histopathology Laboratory
5C Blood Bank
5D Neonatal Intensive Care Unit
5E Obstetrics Unit
5F Occupational Health Services
5G Organized Outpatient Services

5H Pediatric Acute Inpatient Unit
5I Psychiatric Child/Adolescent Services
5J Psychiatric Consultation-Liaison Services
5K Psychiatric Education Services
5L Psychiatric Emergency Services
5M Psychiatric Geriatric Services
5N Psychiatric Inpatient Unit
5O Psychiatric Outpatient Services
5P Psychiatric Partial Hospitalization Program
5Q Megavoltage Radiation Therapy Unit
5R Radioactive Implants Unit
5S Therapeutic Radioisotope Facility
5T X-Ray Radiation Therapy Unit
5U CT Scanner Unit
5V Diagnostic Radioisotope Facility
5W Magnetic Resonance Imaging (MRI) Facility
5X Ultrasound Unit
5Y Rehabilitation Inpatient Unit
5Z Rehabilitation Outpatient Services
60 Salesperson
Identification of individual that sold the product e.g. SSN, salesperson id, etc.
61 Performed At
The facility where work was performed
62 Applicant's Employer
63 Reference's Employer
64 Cosigner's Employer
65 Applicant's Reference
A person identified on the loan application as a secondary contact for the borrower
66 Applicant's Cosigner
A person who signs the promissory note in addition to the borrower and is responsible for the obligation if the borrower does not pay
67 Applicant's Comaker
One of two individuals who are joint borrowers on a loan and who are equally liable for repayment of the loan
68 Owner's Representative
Individual operating or responsible for the vehicle/equipment
69 Repairing Outlet
Party completing the repair
6A Reproductive Health Services
6B Skilled Nursing or Other Long-Term Care Unit
6C Single Photon Emission Computerized Tomography (SPECT) Unit
6D Organized Social Work Service Facility
6E Outpatient Social Work Services
6F Emergency Department Social Work Services
6G Sports Medicine Clinic/Services

6H Hospital Auxiliary Unit
6I Patient Representative Services
6J Volunteer Services Department
6K Outpatient Surgery Services
6L Organ/Tissue Transplant Unit
6M Orthopedic Surgery Facility
6N Occupational Therapy Services
6O Physical Therapy Services
6P Recreational Therapy Services
6Q Respiratory Therapy Services
6R Speech Therapy Services
6S Women's Health Center/Services
6T Health Sciences Library
6U Cardiac Rehabilitation Program Facility
6V Non-Invasive Cardiac Assessment Services
6W Emergency Medical Technician
6X Disciplinary Contact
6Y Case Manager
6Z Advisor
70 Prior Incorrect Insured
71 Attending Physician
Physician present when medical services are performed
72 Operating Physician
Doctor who performs a surgical procedure
73 Other Physician
Physician not one of the other specified choices
74 Corrected Insured
75 Participant
76 Secondary Warranter
77 Service Location
78 Service Requester
79 Warranter
7A Premises
7B Bottler
7C Place of Occurrence
7D Contracting Officer Representative
7E Party Authorized to Definitize Contract Action
7F Filing Address
7G Hazardous Material Office
7H Government Furnished Property FOB Point
7I Project Name
7J Codefendant
7K Co-occupant
7L Preliminary Inspection Location

7M Inspection and Acceptance Location
7N Party to Receive Proposal
7O Federally Chartered Facility
7P Transportation Office
7Q Party to Whom Protest Submitted
7R Birthplace
Location where individual was born; may be the country or a more complete address
7S Pipeline Segment
7T Home State Name
Name filed by a business in the state where it is incorporated when this name is used by another business in the state where it is registering to do business
7U Liquidator
7V Petitioning Creditor's Attorney
7W Merged Name
Name of survivor company resulting from a merger
7X Party Represented
7Y Professional Organization
7Z Referee
80 Hospital
An institution where the ill or injured may receive medical treatment
81 Part Source
Identifies vendor who supplied casual part
82 Rendering Provider
83 Subscriber's School
84 Subscriber's Employer
85 Billing Provider
86 Conductor
87 Pay-to Provider
88 Approver
Manufacturer's representative approving claim for payment
89 Investor
8A Vacation Home
8B Primary Residence
8C Second Home
8D Permit Holder
8E Minority Institution
8F Bailment Warehouse
A warehouse property that is owned by an organization, but the inventory contained in the warehouse belongs to the supplier until the organization owning the warehouse legally purchases the goods
8G First Appraiser
8H Tax Exempt Organization
8I Service Organization
8J Emerging Small Business
8K Surplus Dealer

8L Polling Site
8M Socially Disadvantaged Individual
8N Economically Disadvantaged Individual
8O Disabled Individual
8P Producer
8Q Public or Private Organization for the Disabled
8R Consumer Service Provider (CSP) Customer
8S Consumer Service Provider (CSP)
8T Voter
8U Native Hawaiian Organization
8V Primary Intra-LATA (Local Access Transport Area) Carrier
8W Payment Address
8X Oil and Gas Custodian
8Y Registered Office
Address where legal correspondence should be sent
90 Previous Business Partner
91 Action Party
The organization responsible for investigation and resolution
92 Support Party
The organization supporting the resolution of an investigation
93 Insurance Institute
94 New Supply Source
95 Research Institute
96 Debtor Company
97 Party Waiving Requirements
98 Freight Management Facilitator
Organization and/or individual responsible for the monitoring and management of freight services
99 Outer Continental Shelf (OCS) Area Location
9A Debtor Individual
9B Country of Export
9C Country of Destination
9D New Service Provider
9E Sub-servicer
9F Loss Payee
9G Nickname
9H Assignee
9I Registered Principal
9J Additional Debtor
9K Key Person
9L Incorporated By
9N Party to Lease
9O Party to Contract
9P Investigator

9Q Last Supplier
9R Downstream First Supplier
9S Co-Investigator
9T Telephone Answering Service Bureau
9U Author
9V First Supplier
9W Ultimate Parent Company
9X Contractual Receipt Meter
9Y Contractual Delivery Meter
9Z Co-debtor
A person or entity that is also liable on a debt listed by the debtor in a bankruptcy case, excluding the spouse in a joint case, but including guarantors and co-signers
A1 Adjuster
Investigates a claim and estimates the value of the damage: the information gathered by an adjuster is used in settling the insurance claim.
A2 Woman-Owned Business
A business (not defined as large or small) that is owned by a woman
A3 Labor Surplus Area Firm
A business that has an identified surplus of labor in the geographic area where it is located
A4 Other Disadvantaged Business
A business which qualifies as a disadvantaged business for another, unspecified reason
A5 Veteran-Owned Business
A business owned by a veteran
A6 Section 8(a) Program Participant Firm
A firm participating in a program (under Section 8 (a) of the Small Business Act (15 U.S.C. 637 (a)), in which the Small Business Administration enters into contracts on behalf of, and then subcontracts with, the participating firm, certifying the firm's competence and responsibility
A7 Sheltered Workshop
A business entity which provides work for a special category of worker
A8 Nonprofit Institution
A business that by operation of policy or law does not choose (or is not allowed) to make a profit from the efforts of its enterprise
A9 Sales Office
A business entity whose main activity is, or a location at which, the sale of goods or services takes place
AA Authority For Shipment
AB Additional Pickup Address
AC Air Cargo Company
AD Party to be advised (Written orders)
AE Additional Delivery Address
AF Authorized Accepting Official
AG Agent/Agency
AH Advertiser
AI Airline
AJ Alleged Debtor

AK Party to Whom Acknowledgment Should Be Sent
AL Allotment Customer
AM Assistant U.S. Trustee
AN Authorized From
AO Account Of
AP Account of (Origin Party)
AQ Account of (Destination Party)
AR Armed Services Location Designation
AS Postsecondary Education Sender
AT Postsecondary Education Recipient
AU Party Authorizing Disposition
AV Authorized To
AW Accountant
AX Plaintiff
AY Clearinghouse
AZ Previous Name
B1 Construction Firm
A business entity whose main activity is construction
B2 Other Unlisted Type of Organizational Entity
An organization, e.g., a business, the description of which cannot be accomplished using the existing code list and for which the trading partners have not mutually agreed to a definition for it
B3 Previous Name of Firm
A name by which a business entity was previously known
B4 Parent Company
The organizational entity which, by virtue of organization, ownership, and/or management, exercises control over a subordinate but separate business entity
B5 Affiliated Company
An organizational entity that shares a business affiliation with another business entity
B6 Registering Parent Party
An organizational entity (which is also a parent company) that is registering, for a program, e.g. to become a registered bidder
B7 Registering Nonparent Party
An organizational entity (which is not a parent company) that is registering, for a program, e.g. to become a registered bidder
B8 Regular Dealer
A business entity that regularly deals in a commodity or service being quoted on; use of the term "regular dealer" is consistent with its application to the Walsh-Healey Act
B9 Large Business
A business entity that cannot be classified as a small business for purposes of receiving preferential treatment in the award of contracts
BA Battery
That portion of the surface of land, other than a wellsite or roadway, required for access to and to accommodate all equipment, including above ground pressure maintenance facilities that are necessary to measure, separate or store prior to shipping to market or disposal, or necessary to produce the fluids, minerals and water or any of them from wells
BB Business Partner

BC Broadcaster

BD Bill-to Party for Diversion Charges
Charges associated with a diversion or reconsignment of a railcar

BE Beneficiary

BF Billed From

BG Buying Group

BH Interim Trustee

BI Trustee's Attorney

BJ Co-Counsel

BK Bank

BL Party to Receive Bill of Lading

BM Brakeman

BN Beneficial Owner

BO Broker or Sales Office

BP Special Counsel

BQ Attorney for Defendant Private

BR Broker

BS Bill and Ship To

BT Bill-to-Party

BU Place of Business

BV Billing Service
Entity that provides statement of charges for medical services or supplies

BW Borrower

BX Attorney for Plaintiff

BY Buying Party (Purchaser)

BZ Business Associate

C0 Assistant Conductor

C1 In Care Of Party no. 1

C2 In Care Of Party no. 2

C3 Circuit Location Identifier
Identifies the address information as that which is assigned to a circuit location address

C4 Contract Administration Office
Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area

C5 Party Submitting Quote
A business entity submitting a quote; this entity may be the party who ultimately performs if an order is received, or the entity may be submitting the quote on behalf of another entity who will perform if an order is received

C6 Municipality

C7 County

C8 City

C9 Contract Holder

CA Carrier

CB Customs Broker
CC Claimant
CD Consignee (To Receive Mail and Small Parcels)
CE Consignee (To receive large parcels and freight)
CF Subsidiary/Division
CG Carnet Issuer
CH Chassis Provider
CI Consignor
CJ Automated Data Processing (ADP) Point
A qualifier for an address of a location providing ADP support to an entity that is the intended recipient of a transmission, but that entity does not have its own organic capability to receive the transmission directly, relying instead on the support provided by the ADP point
CK Pharmacist
CL Container Location
CM Customs
CN Consignee
CO Ocean Tariff Conference
CP Party to Receive Cert. of Compliance
CQ Corporate Office
CR Container Return Company
CS Consolidator
CT Country of Origin
CU Coating or Paint Supplier
CV Converter
CW Accounting Station
A qualifier for an address of a location providing Automated Data Processing (ADP) support to an entity that is the intended recipient of a transmission, but that entity does not have its own organic capability to receive the transmission directly, relying instead on the support provided by the ADP point
CX Claim Administrator
CY Country
CZ Admitting Surgeon
D0 Admitting Physician
D1 Driver
D2 Commercial Insurer
D3 Defendant
D4 Debtor
D5 Debtor-In-Possession
D6 Consolidated Debtor
D7 Petitioning Creditor
D8 Dispatcher
D9 Creditor's Attorney
DA Delivery Address
DB Distributor Branch
DC Destination Carrier

DD Assistant Surgeon
DE Depositor
DF Material Disposition Authorization Location
DG Design Engineering
Identifies the design engineer or office of the design engineer who will receive design specifications
DH Doing Business As
DI Different Premise Address (DPA)
Provides the different premise address when the associated equipment, or services, or both, are located at an address different from the main address
DJ Consulting Physician
DK Ordering Physician
DL Dealer
DM Destination Mail Facility
DN Referring Provider
DO Dependent Name
DP Party to Provide Discount
DQ Supervising Physician
DR Destination Drayman
DS Distributor
DT Destination Terminal
DU Resale Dealer
DV Division
DW Downstream Party
DX Distiller
An entity that manufactures an alcoholic product using Bureau of Alcohol, Tobacco and Firearms approved methods and formulas
DY Default/Foreclosure Specialist
The Federal Home Loan Mortgage Corporation (FHLMC) representative that processes the default monitoring and foreclosure reports
DZ Delivery Zone
Area where the product was delivered
E0 Assistant Engineer
E1 Person or Other Entity Legally Responsible for a Child
E2 Person or Other Entity With Whom a Child Resides
E3 Person or Other Entity Legally Responsible for and With Whom a Child Resides
E4 Other Person or Entity Associated with Student
E5 Examiner
E6 Engineering
E7 Previous Employer
E8 Inquiring Party
E9 Participating Laboratory
EA Study Submitter
EB Eligible Party To The Contract
EC Exchanger

ED Excluded Party
EE Location of Goods for Customs Examination Before Clearance
EF Electronic Filer
The firm, organization, or individual who converts the paper return into a machine-readable form
EG Engineer
EH Exhibitor
EI Executor of Estate
EJ Principal Person
EK Animal Source
EL Established Location
EM Party to Receive Electronic Memo of Invoice
EN End User
EO Limited Liability Partnership
EP Eligible Party to the Rate
EQ Old Debtor
ER New Debtor
ET Plan Administrator
EU Old Secured Party
EV Selling Agent
EW Servicing Broker
EX Exporter
EY Employee Name
EZ New Secured Party
F1 Company - Owned Oil Field
F2 Energy Information Administration (Department of Energy) - Owned Oil Field
F3 Specialized Mobile Radio Service (SMRS) Licensee
F4 Former Residence
F5 Radio Control Station Location
F6 Small Control Station Location
F7 Small Base Station Location
F8 Antenna Site
F9 Area of Operation
FA Facility
FB First Break Terminal
FC Customer Identification File (CIF) Customer Identifier
FD Physical Address
FE Mail Address
FF Foreign Language Synonym
FG Trade Name Synonym
FH Party to Receive Limitations of Heavy Elements Report
FI Name Variation Synonym
FJ First Contact
FL Primary Control Point Location

FM Fireman
FN Filer Name
FO Field or Branch Office
Remote location of the payer responsible for administering the plan of benefits
FP Name on Credit Card
FQ Pier Name
FR Message From
FS Final Scheduled Destination
Customs duties, excise taxes, and use of bonded fuels are dependent on whether an aircraft flight originated or is destined for an international location, these codes would be used to note those occurrences
FT New Assignee
FU Old Assignee
FV Vessel Name
FW Forwarder
FX Closed Door Pharmacy
FY Veterinary Hospital
FZ Children's Day Care Center
G0 Dependent Insured
G1 Bankruptcy Trustee
G2 Annuitant
G3 Clinic
G5 Contingent Beneficiary
G6 Entity Holding the Information
G7 Entity Providing the Service
G8 Entity Responsible for Follow-up
G9 Family Member
GA Gas Plant
GB Other Insured
GC Previous Credit Grantor
GD Guardian
GE General Agency
GF Inspection Company
GG Intermediary
A company which acts as a reinsurance broker for a direct writing company or a reinsurer
GH Motor Vehicle Report Provider Company
A company which performs the services of obtaining motor vehicle records
GI Paramedic
GJ Paramedical Company
A company which performs physical examination services
GK Previous Insured
GL Previous Residence
The residence where the entity lived before moving to their present address
GM Spouse Insured
GN Garnishee

GO Primary Beneficiary
GP Gateway Provider
Identifies a gateway access provider
GQ Proposed Insured
GR Reinsurer
GS Garaged Location
GT Credit Grantor
GU Guarantee Agency
GV Gas Transaction Ending Point
GW Group
GX Retrocessionaire
A company which acts as a reinsurer for a reinsurance company
GY Treatment Facility
GZ Grandparent
H1 Representative
H2 Sub-Office
H3 District
H5 Paying Agent
H6 School District
H7 Group Affiliate
H9 Designer
HA Owner
HB Historically Black College or University
An educational institution of higher learning with a historical black student population.
HC Joint Annuitant
HD Contingent Annuitant
HE Contingent Owner
HF Healthcare Professional Shortage Area (HPSA) Facility
Facility recognized by the Centers for Medicare & Medicaid Services as existing in an area of the country lacking in health care establishments and services
HG Broker Opinion or Analysis Requester
HH Home Health Agency
HI Listing Company
HJ Automated Underwriting System
HK Subscriber
HL Document Custodian
HM Competitive Property Listing
HN Competing Property
HO Comparable Property Listing
HP Closed Sale
HQ Source Party of Information
HR Subject of Inquiry
HS High School
HT State Chartered Facility

HU Subsidiary
HV Tax Address
Address used for tax purposes
HW Designated Hazardous Waste Facility
HX Transporter of Hazardous Waste
HY Charity
HZ Hazardous Waste Generator
I1 Interested Party
I3 Independent Physicians Association (IPA)
I4 Intellectual Property Owner
This is the party who claims to be the owner of any intellectual property contained here
I9 Interviewer
IA Installed At
IB Industry Bureau
IC Intermediate Consignee
ID Issuer of Debit or Credit Memo
Party that will issue any credit or debit memo
IE Other Individual Disability Carrier
IF International Freight Forwarder
IG Insolvent Insurer
II Issuer of Invoice
IJ Injection Point
IK Intermediate Carrier
IL Insured or Subscriber
IM Importer
IN Insurer
IO Inspector
IP Independent Adjuster
IQ In-patient Pharmacy
IR Self Insured
IS Party to Receive Certified Inspection Report
IT Installation on Site
IU Issuer
IV Renter
J1 Associate General Agent
J2 Authorized Entity
J3 Broker's Assistant
J4 Custodian
J5 Irrevocable Beneficiary
J6 Power of Attorney
J7 Trust Officer
J8 Broker Dealer
J9 Community Agent
JA Dairy Department

JB Delicatessen Department
JC Dry Grocery Department
JD Judge
JE Frozen Department
JF General Merchandise Department
JG Health & Beauty Department
JH Alcohol Beverage Department
JI Meat Department
JJ Produce Department
JK Bakery Department
JL Video Department
JM Candy and Confections Department
JN Cigarettes and Tobacco Department
JO In-Store Bakery Department
JP Floral Department
JQ Pharmacy Department
JR Bidder
JS Joint Debtor Attorney
JT Joint Debtor
JU Jurisdiction
JV Joint Owner
JW Joint Venture
JX Closing Agent
JY Financial Planner
JZ Managing General Agent
K1 Contractor Cognizant Security Office
K2 Subcontractor Cognizant Security Office
K3 Place of Performance Cognizant Security Office
K4 Party Authorizing Release of Security Information
K5 Party To Receive Contract Security Classification Specification
K6 Policy Writing Agent
K7 Radio Station
K8 Filing Location
K9 Previous Distributor
KA Item Manager
The address of the person responsible for the management of an item of supply
KB Customer for Whom Same or Similar Work Was Performed
The party for whom the proposing entity performed the same or similar work
KC Party That Received Disclosure Statement
The office to which the Cost Accounting Standards Board (CASB) disclosure statement was sent
KD Proposer
The party submitting the proposal to the proposal soliciting entity
KE Contact Office

KF Audit Office
The office performing the audit

KG Project Manager
The address of the person responsible for the management of a designated project

KH Organization Having Source Control
Organization controlling the design and manufacturing process of a product

KI United States Overseas Security Administration Office

KJ Qualifying Officer

KK Registering Party
The party requesting registration into a system

KL Clerk of Court

KM Coordinator

KN Former Address

KO Plant Clearance Officer

KP Name Under Which Filed

KQ Licensee

KR Pre-kindergarten to Grade 12 Recipient

KS Pre-kindergarten to Grade 12 Sender

KT Court

KU Receiver Site

KV Disbursing Officer

KW Bid Opening Location

KX Free on Board Point

KY Technical Office

KZ Acceptance Location

L1 Inspection Location
Place where the item was viewed or inspected

L2 Location of Principal Assets

L3 Loan Correspondent

L4 Location of Container Stuffing
Location where transport container was filled. Conforms to US Customs International Security Filing 10+2 informational requirements

L5 Contact

L8 Head Office

L9 Information Provider

LA Attorney

LB Last Break Terminal

LC Location of Spot for Storage
Name of the location at which a trailer is spotted for storage, i.e., the party to receive equipment

LD Liability Holder

LE Lessor

LF Limited Partner

LG Location of Goods

LH Pipeline

LI Independent Lab
Outside laboratory which provides test results for entity providing medical services
LJ Limited Liability Company
LK Juvenile Owner
LL Location of Load Exchange (Export)
Name of the location at which load (trailer) is exchanged with another motor carrier for export
LM Lending Institution
LN Lender
LO Loan Originator
LP Loading Party
LQ Law Firm
LR Legal Representative
LS Lessee
LT Long-term Disability Carrier
LU Master Agent
LV Loan Servicer
LW Customer
LY Labeler
LZ Local Chain
M1 Source Meter Location
M2 Receipt Location
M3 Upstream Meter Location
M4 Downstream Meter Location
M5 Migrant Health Clinic
M6 Landlord
M7 Foreclosing Lender
M8 Educational Institution
M9 Manufacturing
MA Party for whom Item is Ultimately Intended
MB Company Interviewer Works For
MC Motor Carrier
MD Veterans Administration Loan Guaranty Authority
ME Veterans Administration Loan Authorized Supplier
MF Manufacturer of Goods
MG Government Loan Agency Sponsor or Agent
MH Mortgage Insurer
MI Planning Schedule/Material Release Issuer
MJ Financial Institution
MK Loan Holder for Real Estate Asset
ML Consumer Credit Account Company
MM Mortgage Company
A business entity that is responsible for originating and servicing mortgage loans
MN Authorized Marketer

MO Release Drayman
MP Manufacturing Plant
MQ Delivery Location
MR Medical Insurance Carrier
MS Bureau of Land Management (Minerals Management Service) Property Unit
MT Material
MU Meeting Location
MV Mainline
MW Marine Surveyor
MX Juvenile Witness
MY Master General Agent
MZ Minister
N1 Notify Party no. 1
N2 Notify Party no. 2
N3 Ineligible Party
N4 Price Administration
N5 Party Who Signed the Delivery Receipt
N6 Nonemployment Income Source
N7 Previous Neighbor
N8 Relative
N9 Neighborhood
NB Neighbor
NC Cross-Town Switch
Local Rail Movement
ND Next Destination
NE Newspaper
NF Owner Annuitant
NG Administrator
NH Association
NI Non-insured
NJ Trust or Estate
NK National Chain
NL Non-railroad Entity
NM Physician - Specialists
NN Network Name
Identifies the name of the telecommunications network, e.g., Envoy
NP Notify Party for Shipper's Order
NQ Pipeline Segment Boundary
NR Gas Transaction Starting Point
NS Non-Temporary Storage Facility
NT Magistrate Judge
NU Formerly Known As
NV Formerly Doing Business As
NW Maiden Name

NX Primary Owner
NY Birth Name
NZ Primary Physician
O1 Originating Bank
O2 Originating Company
O3 Receiving Company
O4 Factor
O5 Merchant Banker
Banker who invests in commercial enterprises only
O6 Non Registered Business Name
Name used by a business which is not registered with governmental authorities
O7 Registered Business Name
Name used by a business which is registered with governmental authorities
O8 Registrar
OA Electronic Return Originator
A firm, organization, or individual who collects a prepared tax return for the purpose of having an electronic return produced and who obtains the taxpayer's signature for electronic filing
OB Ordered By
OC Origin Carrier
OD Doctor of Optometry
OE Booking Office
OF Offset Operator
The company operating a property adjacent to the property being reported
OG Co-owner
OH Other Departments
OI Outside Inspection Agency
OL Officer
OM Origin Mail Facility
ON Product Position Holder
OO Order Of (Shippers Orders) - (Transportation)
OP Operator of property or unit
OR Origin Drayman
OS Override Institution; this is not the institution sending the record, but another institution the student previously attended or is currently attending
OT Origin Terminal
OU Outside Processor
A resource extraneous to primary material provider that performs additional material processing prior to delivery of the material to the primary provider's customer
OV Owner of Vessel
OW Owner of Property or Unit
OX Oxygen Therapy Facility
Building in which oxygen treatment is provided for medical disorder
OY Owner of Vehicle

OZ Outside Testing Agency
A company or organization which performs testing for a manufacturer but is not owned by that manufacturer

P0 Patient Facility
Facility where patient resides

P1 Preparer
The firm, organization, or individual who determines the tax liability from information supplied by the taxpayer

P2 Primary Insured or Subscriber
A primary insured or subscriber is a person who elects the benefits and is affiliated with the employer or the insurer

P3 Primary Care Provider
Physician that is selected by the insured to provide medical care

P4 Prior Insurance Carrier

P5 Plan Sponsor

P6 Third Party Reviewing Preferred Provider Organization (PPO)

P7 Third Party Repricing Preferred Provider Organization (PPO)

P8 Personnel Office

P9 Primary Interexchange Carrier (PIC)
Identifies the carrier who will handle the interexchange calls

PA Party to Receive Inspection Report

PB Paying Bank

PC Party to Receive Cert. of Conformance (C.A.A.)

PD Purchaser's Department Buyer

PE Payee

PF Party to Receive Freight Bill

PG Prime Contractor

PH Printer

PI Publisher

PJ Party to Receive Correspondence

PK Party to Receive Copy

PL Party to Receive Purchase Order

PM Party to receive paper Memo of Invoice

PN Party to Receive Shipping Notice

PO Party to Receive Invoice for Goods or Services

PP Property

PQ Party to Receive Invoice for Lease Payments

PR Payer

PS Previous Station

PT Party to Receive Test Report

PU Party at Pickup Location

PV Party performing certification

PW Pickup Address

PX Party Performing Count

PY Party to File Personal Property Tax

PZ Party to Receive Equipment
Name a party to receive the transfer of equipment
Q1 Conductor Pilot
Q2 Engineer Pilot
Q3 Retail Account
Q4 Cooperative Buying Group
Q5 Advertising Group
Q6 Interpreter
Q7 Partner
Q8 Base Period Employer
Q9 Last Employer
QA Pharmacy
Establishment responsible for preparing and dispensing drugs and medicines
QB Purchase Service Provider
Entity from which medical supplies may be bought
QC Patient
Individual receiving medical care
QD Responsible Party
Person responsible for the affairs of the person having services rendered
QE Policyholder
QF Passenger
QG Pedestrian
QH Physician
QI Party in Possession
QJ Most Recent Employer (Chargeable)
QK Managed Care
QL Chiropractor
QM Dialysis Centers
QN Dentist
QO Doctor of Osteopathy
QP Principal Borrower
QQ Quality Control
QR Buyer's Quality Review Board
QS Podiatrist
QT Psychiatrist
QU Veterinarian
QV Group Practice
QW Government
QX Home Health Corporation
Organization primarily engaged in providing skilled nursing or other therapeutic services
QY Medical Doctor
An individual trained and licensed to practice as a Medical Doctor (M.D.)
QZ Co-borrower
R0 Royalty Owner

R1 Party to Receive Scale Ticket
Party receiving document containing weight information from scale
R2 Reporting Officer
R3 Next Scheduled Destination
R4 Regulatory (State) District
R5 Regulatory (State) Entity
R6 Requester
R7 Consumer Referral Contact
R8 Credit Reporting Agency
R9 Requested Lender
RA Alternate Return Address
RB Receiving Bank
RC Receiving Location
RD Destination Intermodal Ramp
RF Refinery
RG Responsible Installation, Origin
RH Responsible Installation, Destination
RI Remit To
RJ Residence or Domicile
RK Refinery Operator
RL Reporting Location
RM Party that remits payment
RN Repair or Refurbish Location
Location to ship goods for repair or refurbishment
RO Original Intermodal Ramp
RP Receiving Point for Customer Samples
RQ Resale Customer
RR Railroad
RS Receiving Facility Scheduler
RT Returned to
Location to which goods have or will be returned
RU Receiving Sub-Location
Sometimes in aircraft fueling operations additional fueling charges may apply due to an unusual fueling location within the airport boundaries, this code would be used in those instances to note the location and reason for the special charge
RV Reservoir
RW Rural Health Clinic
RX Responsible Exhibitor
RY Specified Repository
RZ Receipt Zone
Area where the product was received
S0 Sole Proprietor
S1 Parent
S2 Student
S3 Custodial Parent

S4 Skilled Nursing Facility
S5 Secured Party
S6 Agency Granting Security Clearance
S7 Secured Party Company
S8 Secured Party Individual
S9 Sibling
SA Salvage Carrier
SB Storage Area
SC Store Class
SD Sold To and Ship To
SE Selling Party
SF Ship From
SG Store Group
SH Shipper
SI Shipping Schedule Issuer
SJ Service Provider
Identifies name and address information as pertaining to a service provider for which billing is being rendered
SK Secondary Location Address (SLA)
Identifies a physical address location in which a telecommunications circuit terminates; this address is in addition to a main service address
SL Origin Sublocation
The origin of product for accounting and operations purposes
SM Party to Receive Shipping Manifest
SN Store
SO Sold To If Different From Bill To
SP Party filling Shipper's Order
SQ Service Bureau
A business entity that is responsible for providing computer resources to other firms that do not have computer resources of their own
SR Samples to be Returned To
SS Steamship Company
ST Ship To
SU Supplier/Manufacturer
SV Service Performance Site
When services are contracted for, this describes the organization for whom or location address at which those services will be performed
SW Sealing Company
SX School-based Service Provider
SY Secondary Taxpayer
Taxpayer who is filing jointly with the primary taxpayer
SZ Supervisor
T1 Operator of the Transfer Point
T2 Operator of the Source Transfer Point

T3 Terminal Location
A geographic location where a motor or rail or air or water terminal is located
T4 Transfer Point
A geographic location where a shipment is transferred or diverted to a new destination
T6 Terminal Operator
T8 Previous Title Company
T9 Prior Title Evidence Holder
TA Title Insurance Services Provider
TB Tooling
TC Tool Source
TD Tooling Design
TE Theatre
TF Tank Farm
TG Tooling Fabrication
TH Theater Circuit
TI Tariff Issuer
TJ Cosigner
TK Test Sponsor
Organization sponsoring a test to be run for certification
TL Testing Laboratory
TM Transmitter
A firm, organization, or individual who transmits returns electronically to a taxing authority
TN Tradename
TO Message To
TP Primary Taxpayer
Taxpayer whose social security number or employer identification number is used as the primary identification number for the filing
TQ Third Party Reviewing Organization (TPO)
TR Terminal
TS Party to Receive Certified Test Results
TT Transfer To
TU Third Party Repricing Organization (TPO)
TV Third Party Administrator (TPA)
TW Transit Authority
TX Tax Authority
TY Trustee
TZ Significant Other
U1 Gas Transaction Point 1
U2 Gas Transaction Point 2
U3 Servicing Agent
U4 Team
U5 Underwriter
U6 Title Underwriter
U7 Psychologist

U8 Reference
U9 Non-Registered Investment Advisor
UA Place of Bottling
UB Place of Distilling
UC Ultimate Consignee
UD Region
UE Testing Service
UF Health Miscellaneous
Health related entities that are not otherwise classified
UG Nursing Home Chain
UH Nursing Home
UI Registered Investment Advisor
UJ Sales Assistant
UK System
UL Special Account
UM Current Employer (Primary)
UN Union
UO Current Employer (Secondary)
UP Unloading Party
UQ Subsequent Owner
UR Surgeon
US Upstream Party
UT U.S. Trustee
UU Annuitant Payer
UW Unassigned Agent
UX Base Jurisdiction
UY Vehicle
UZ Signer
V1 Surety
V2 Grantor
V3 Well Pad Construction Contractor
V4 Oil and Gas Regulatory Agency
V5 Surface Discharge Agency
V6 Well Casing Depth Authority
V8 Market Timer
V9 Owner Annuitant Payer
VA Second Contact
VB Candidate
VC Vehicle Custodian
VD Multiple Listing Service
VE Board of Realtors
VF Selling Office
VG Listing Agent

VH Showing Agent
VI Contact Person
VJ Owner Joint Annuitant Payer
VK Property or Building Manager
VL Builder Name
VM Occupant
VN Vendor
VO Elementary School
VP Party with Power to Vote Securities
VQ Middle School
VR Junior High School
VS Vehicle Salvage Assignment
VT Listing Office
VU Second Contact Organization
VV Owner Payer
VW Winner
VX Production Manager
VY Organization Completing Configuration Change
W1 Work Team
W2 Supplier Work Team
W3 Third Party Investment Advisor
W4 Trust
W8 Interline Service Commitment Customer
W9 Sampling Location
WA Writing Agent
WB Appraiser Name
WC Comparable Property
WD Storage Facility at Destination
A storage facility located in the geographic vicinity of a destination location
WE Subject Property
WF Tank Farm Owner
WG Wage Earner
WH Warehouse
WI Witness
WJ Supervisory Appraiser Name
WL Wholesaler
WN Company Assigned Well
WO Storage Facility at Origin
A storage facility located in the geographic vicinity of an origin location
WP Witness for Plaintiff
WR Withdrawal Point
WS Water System
WT Witness for Defendant
WU Primary Support Organization

WV Preliminary Maintenance Period Designating Organization
WW Preliminary Maintenance Organization
WX Preliminary Referred To Organization
WY Final Maintenance Period Designating Organization
WZ Final Maintenance Organization
X1 Mail to
An address to which a specified item is to be mailed
X2 Party to Perform Packaging
A party responsible for packaging an item after it has been produced
X3 Utilization Management Organization
X4 Spouse
X5 Durable Medical Equipment Supplier
X6 International Organization
X7 Inventor
X8 Hispanic Service Institute
XA Creditor
XB In-land Mexican Broker
XC Debtor's Attorney
XD Alias
Other Names Used
XE Claim Recipient
XF Auctioneer
XG Event Location
XH Final Referred To Organization
XI Original Claimant
XJ Actual Referred By Organization
XK Actual Referred To Organization
XL Borrower's Employer
XM Maintenance Organization Used for Estimate
XN Planning/Maintenance Organization
XO Preliminary Customer Organization
XP Party to Receive Solicitation
XQ Canadian Customs Broker
XR Mexican Customs Broker
XS S Corporation
An "S" corporation is a corporation type designation given by the Internal Revenue Service to a corporation meeting certain tests of ownership and profit distribution
XT Final Customer Organization
XU United States Customs Broker
XV Cross Claimant
XW Counter Claimant
XX Business Area
XY Tribal Government
XZ American Indian-Owned Business

Y2 Managed Care Organization
YA Affiant
Person bringing forward a court case
YB Arbitrator
YC Bail Payer
YD District Justice
YE Third Party
YF Witness for Prosecution
YG Expert Witness
YH Crime Victim
YI Juvenile Victim
YJ Juvenile Defendant
YK Bondsman
YL Court Appointed Attorney
YM Complainant's Attorney
YN District Attorney
YO Attorney for Defendant, Public
YP Pro Bono Attorney
Counsel provided without charge
YQ Pro Se Counsel
Proceeding without counsel
YR Party to Appear Before
YS Appellant
YT Appellee
YU Arresting Officer
YV Hostile Witness
YW Discharge Point
YX Flood Certifier
YY Flood Determination Provider
YZ Electronic Registration Utility
Z1 Party to Receive Status
An organization that will receive information about a transaction
Z2 Unserviceable Material Consignee
An organization that will receive unserviceable material
Z3 Potential Source of Supply
An organization that might stock the needed material
Z4 Owning Inventory Control Point
An inventory control organization responsible for management of a particular item
Z5 Management Control Activity
Department of Defense organization that oversees contractor requests for government-owned material to be supplied for use in support of government contracts
Z6 Transferring Party
An organization that is sending material
Z7 Mark-for Party

Z8 Last Known Source of Supply
The last organization known to hold a transaction for the needed material

Z9 Banker

ZA Corrected Address
The organization to which information should have been sent

ZB Party to Receive Credit
The organization to which credit will be granted

ZC Rent Payer

ZD Party to Receive Reports
The organization designated to receive reports

ZE End Item Manufacturer
Manufacturer of the end item associated with the required material

ZF Break Bulk Point

ZG Present Address

ZH Child

ZJ Branch

ZK Reporter

ZL Party Passing the Transaction
The party forwarding a transaction

ZM Lease Location

ZN Losing Inventory Manager
The organization losing management responsibility for an individual item of supply

ZO Minimum Royalty Payer

ZP Gaining Inventory Manager
The organization assuming management responsibility for an individual item of supply

ZQ Screening Point

ZR Validating Party
Party to affirm the validity of a requirement

ZS Monitoring Party
Party to oversee and track the status of a requirement

ZT Participating Area

ZU Formation

ZV Allowable Recipient

ZW Field

ZX Attorney of Record

ZY Amicus Curiae
Friend of the Court

ZZ Mutually Defined

001 Pumper

002 Surface Management Entity

003 Application Party

004 Site Operator

005 Construction Contractor

006 Drilling Contractor

007 Spud Contractor
Contractor responsible for initiating the drilling of an oil or gas well
008 Lien Holder
AA1 Chief Executive Officer (CEO)
AA2 Financial Aid Office
AA3 Respondent
AA4 Admission Office
AA5 Multi-Campus Administrative Unit
AA6 Headmaster
AA7 Business Officer
AA8 Superintendent
AA9 School Principal
AAA Sub-account
AAB Management Non-Officer
A manager who is not an officer of a company
AAC Incorporated Location
Location where a company is officially incorporated
AAD Name not to be Confused with
Entity with a similar name that should not be confused with
AAE Lot
AAF Previous Occupant
AAG Ground Ambulance Services
AAH Air Ambulance Services
AAI Water Ambulance Services
AAJ Admitting Services
AAK Primary Surgeon
AAL Medical Nurse
AAM Cardiac Rehabilitation Services
AAN Skilled Nursing Services
AAO Observation Room Services
AAP Employee
AAQ Anesthesiology Services
AAS Prior Base Jurisdiction
AAT Incorporation Jurisdiction
AAU Marker Owner
Identifies railroad, company or municipal owner of a property marker
AAV Reclamation Center
AAW Party Providing Financing
AB1 Private School System
AB2 State Operated School System
AB3 Vocational Regions School System
AB4 Chartered School District
AB5 Schooling of Indian Children School System
AB6 Unorganized Territories School System

AB7 State Administered District
AB8 Towns in Unions School System
AB9 Agent Towns School System
ABB Master Property
ABC Project Property
ABD Unit Property
ABE Additional Address
ABF Society of Property Information Compilers and Analysts
SEE CODE SOURCE 573
ABG Organization
ABH Joint Owner Annuitant
ABI Joint Annuitant Owner
ABJ Joint Owner Annuitant Payer
ABK Joint Owner Joint Annuitant
ABL Joint Owner Joint Annuitant Payer
ABM Joint Owner Payer
ABN Acronym
ABO New Address
ABP Chairperson
ABQ Decision Maker
ABR Former President
ABS Founder
ABT Imported from Location
ABU Literally Translated Name
A literal translation from another language when no official English name exists
ABV Original Location
ABW President
ABX Rating Organization
AC1 Regional Center
AC2 Local Education Agency (LEA)
AC3 State Education Agency
ACB Initial Medical Provider
ACC Concurrent Employer
ACE Routing Point
ACF Border Crossing
ACG Bobtail Service Point
ACH Auditor
ACI Insured Location
ACJ Referral Provider
Name of the second level referral
ACK Affiliate
ACL Allied Health Professional
ACM Emergency Provider
ACN Federal Government

ACO Fellowship Institution

ACP Government - Combined Control
Organization with combined control including government and voluntary (i.e.: Charitable organization)

ACQ Government - Federal - Military

ACR Government - Federal - Other
Federal government organization that is neither military nor veteran

ACS Government - Federal - Veterans

ACT Government - Local

ACU Group Affiliation

ACV Information Source

ACW Internship Entity

ACX Medical School

ACY National Organization

ACZ Non-Profit Health Care Provider See U.S. Internal Revenue Code Chapter 1, Subchapter F, Part 1, Section 501(c)

ADA Not for Profit Health Care Provider See U.S. Internal Revenue Code Chapter 1, Subchapter F, Part 1, Section 501(c)

ADB For Profit Health Care Provider

ADC Office Manager

ADD On-call Provider

ADE Physician Hospital Organization (PHO)

ADF Point of Service (POS)

ADH Residency Institution

ADI Additional Insured

ADJ Shared Service

ADK Supporting Personnel

ADL Training Institution

ADM Public School

ADN Private School

ADO Public Pre-K Education

ADP Private Pre-K Education

ADQ Pre-K Day Care

ADR Charter School

ADS Home School

ADT Public Alternative School

ADU Neglected/Delinquent Institution

ADV Post-Secondary Institution

ADW Food Service Operator

ADX Future Address

ADY Former Registered Address

ADZ Top Parent Company in Same Country

AEA Second Level Parent Company

AEB Airport Authority

AEC Council of Governments
AED Foundation
AEE Port Authority
AEF Planning Commission
AEG Car Rental Location
AEI Lodging Facility
AEJ Party to Receive Transportation Credit
AEK Party to Receive Packing, Crating, and Handling Credit
AEL Primary International Telecom Carrier
AGG Aggregator
A company that collects insurance documents from various sources and provides them to lenders or trackers.
AHM Agency Hazardous Material Information System Location
ALA Alternative Addressee
ALO Activity Location
APR Activity Provider
ATA Alternate Tax Authority
AUO Authorizing Official
BAL Bailiff
BKP Booking Party
BKR Bookkeeper
BLD Building
BLT Structure
BOW Body of Water
BRA National Account
BRB Customer Segment
BRN Brand Name
BRO Brand Owner
BUS Business
C4A Secondary Contract Administration Office
CEH Certificate Holder
CHA Changed Address
CLS Correct Loan Servicer
CLT Building Cluster
Defines a grouping of buildings that are attached by common or party walls
CMW Company Merged With
CNP Confirming Party
CNR Confirmation Requester
CNS Confirmation Service Identifier Code
CNT Contractee
COD Co-Driver
COL Collateral Assignee
COM Complainant
COP Corrected Patient

COR Corrected Name
COS Corrected Subscriber
CRW Crew Member
CTR Contractor
DAM Damaged By
DBG Distributor Buying Group
DCC Chief Deputy Clerk of Court
DIR Distribution Recipient
DPR Port of Discharge
EAA Assistant
EAB Campaign Manager
EAD Client
EAE Commissioner
EAF Committee
EAG Contestant
EAH Contributor
EAI Deputy Chairperson
EAJ Deputy Treasurer
EAK Donor
EAL Endorser
EAM Guarantor
EAN Headquarters
EAO Independent Contractor
EAP Leader
EAQ Party Performing Liaison
EAR Lobbying Firm
EAS Lobbyist
EAT Media Contact
EAU Office Holder
EAV Party Authorized to Administer Oaths
EAW Party to Benefit
EAX Party Holding Interest
EAY Party Making Pledge
EAZ Party Returning Contribution
EBA Party Returning Transfer
EBB Lobbied Party
EBC Political Action Committee
EBD Political Party
EBE Proponent
EBF Public Official
EBG Receiving Committee
EBH Affiliated Committee
EBI Source

EBJ Sponsor
EBK Sponsored Committee
EBL Designee
EBM Temporary Residence
EBN Treasurer
EBO Vice-Chairperson
EBP Slate Mailer Organization
EBQ Lodging Location
EBR Independent Expenditure Committee
EBS Major Donor
ED2 Excluded Party 2
ED3 Excluded Party 3
ED4 Excluded Party 4
ED5 Excluded Party 5
ED6 Excluded Party 6
ED7 Excluded Party 7
ED8 Excluded Party 8
ED9 Excluded Party 9
EDA Excluded Party 10
EID Department of Defense Enterprise Identifier
An activity identifier code assigned to the entity that is responsible for assigning a unique item identifier to an item
ENR Enroller
EXS Ex-spouse
FGT Foreign Government
FRL Foreign Registration Location
FSI Party to Receive Sensitive Foreign Disclosure Information
FSR Financial Statement Recipient
FTZ Foreign Trade Zone
GBA Alternate Government Business Contact
GBO Gate Booth
GBP Primary Government Business Contact
GCA Grade Code Agency
GIR Gift Recipient
HMI Material Safety Data Sheet (MSDS) Recipient
HOM Home Office
The main administrative location
HON Honorary Society
IAA Business Entity
IAC Principal Executive Office
IAD Foreign Office
IAE Member
IAF Executive Committee Member
IAG Director

IAH Clerk
IAI Party with Knowledge of Affairs of the Company
IAK Party to Receive Statement of Fees Due
IAL Company in which Interest Held
IAM Company which Holds Interest
IAN Notary
IAO Manager
IAP Alien Affiliate
IAQ Incorporation State Principal Office
IAR Incorporation State Place of Business
IAS Out-of-State Principal Office
IAT Party Executing and Verifying
IAU Felon
IAV Other Related Party
IAW Record-Keeping Address
IAY Initial Subscriber
IAZ Original Jurisdiction
ICP Inventory Control Point
IMC Item Management Coding Activity
Used to identify the Item Management Coding Activity for cataloging
IMM Integrated Material Manager
INT Interviewee
INV Investment Advisor
IOR Importer of Record
ISF Importer Security Filing (ISF) Importer
ITR Insurance Tracker
A company that provides direct support to the lending industry by monitoring insurance to ensure adequate protection of loan collateral.
KCA Kosher Certification Agency
LCN Gas Nomination Location
LGS Local Government Sponsor
LOP Loss Payable
LPR Port of Loading
Port where cargo is loaded
LTP Locum Tenens Provider
LYM Amended Name
LYN Stockholder
LYO Managing Agent
LYP Organizer
M2A Associated Receipt Location
The associated location on the upstream service provider who is supplying the quantities to the Transportation Provider
MBR Master Broker
MGG Mortgagee

MQA Associated Delivery Location
The associated location on the downstream service provider who is receiving the quantities from the Transportation Service Provider

MSC Mammography Screening Center

MTR Meter Location

MXN Mexican Tax Identifier

NCT Name Changed To

NPC Notary Public

OAA Organic Accredited Certifying Agency
An accredited business, organization or agency that has the authority under an organic program to certify producers and handlers of agricultural products

OBG Operator Buying Group

OOP Other Operating Physician

ORI Original Name

OSH Off-Site Handler

OUC Other Unlisted Type of Corporation

PEB Party Establishing Billback Frequency

PER Party Establishing Price Changes

PIC Primary Inventory Control Activity

PLC Law Enforcement Agency

PLR Payer of Last Resort

PLS Previous Loan Servicer

PMC Prior Mortgage Company

PMF Party Manufactured For

PMG Program Manager

PNF Party Filing Prior Notice
Used to identify the party who will file FDA prior notice

PPC Past Performance Contact

PPE Party Providing Equipment

PPS Person for Whose Benefit Property was Seized

PRE Previous Owner

PRO Prospect Service

PRP Primary Payer

PTP Pay-to Plan Name

PUR Purchased Company

RCR Recovery Room

REC Receiver Manager

RED Redistributor

REP Repacker

RGA Responsible Government Agency

RR2 Class II Railroad

RR3 Class III Railroad

SCA Supplemental Collaborator Activity Code
Used to identify the Supplemental Collaborator Activity Code

SEG Selling Group
SEP Secondary Payer
SIC Secondary Inventory Control Activity
SIP Ship-in-Place Location
SL1 Pipeline Segment Defined by 1 Location (or First of 2 Locations)
SL2 Pipeline Segment Defined by 2 Locations (or Second of 2 Locations)
SNP U.S. Customs & Border Protection (CBP) Second Notify Party
STC Switching and Terminal Carrier
SUS Supply Source
TEC Tax Exempt Corporation
TOW Towing Agency
TPM Third Party Marketer
TSD Treatment, Storage or Disposal Facility
TSE Consignee Courier Transfer Station
TSR Consignor Courier Transfer Station
TTP Tertiary Payer
VER Party Performing Verification
VIC Victim
ZON Zone
The transportation service provider name to identify the geographical area of the location

100 - Currency Code

Code specifying the Standard ISO code for country in whose currency the charges are specified

TYPE=**ID** MIN=**3** MAX=**3**

Code Sources

5

COMPOSITE DATA STRUCTURES USED IN

C077

SEGMENTS USED IN (AS COMPONENT)

CTP

SEGMENTS USED IN (AS SIMPLE)

AWD B3B BCI BCM BOL BOX BVA C3 C4 CGS CII CMA CUR DAM DVI F01 F11 F13 FIR ICM L1 MLA MS5 N10 RD SLS VAT VC1 VR XH

TRANSACTION SETS USED IN

100 103 104 105 106 107 110 111 112 113 120 121 124 126 129 140 141 142 143 148 155 159 170 186 187 196 200 201 204 206 210 211 213 215 219 223 245 251 255 256 259 262 267 268 271 272 273 274 284 285 286 290 300 301 304 309 310 312 325 355 358 359 362 404 410 412 414 417 424 426 433 460 494 521 536 805 810 811 812 814 818 819 820 821 822 823 827 830 832 833 834 835 836 837 838 840 843 844 845 846 847 849 850 851 852 855 856 857 858 859 860 861 865 867 870 872 878 886 890 892 897 920 924 926

102 - Ownership Code

Code indicating the relationship of equipment to carrier or ownership of equipment

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

N21 N7 PKD TD3

TRANSACTION SETS USED IN

121 125 163 204 210 219 220 222 223 227 271 272 300 301 304 310 312 322 324 326 350 404 410 417 422 423 426 436 456 470 603 715 754 830 832 840 841 843 850 853 855 856 857 858 859 860 861 862 865 870 897 940

CODE	DEFINITION & EXPLANATION
L	Railroad Leased
N	Not Customer Owned or Leased
R	Seller Owned, Returnable
S	Customer Owned or Leased
T	Trip Leased

103 - Packaging Code

Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required

TYPE=**AN** MIN=**3** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

CD1 CLD COI G39 G55 L5 PKD PO4 PO7 PO8 TD1

TRANSACTION SETS USED IN

104 110 180 204 210 215 219 220 271 272 284 300 301 304 310 311 312 317 319 322 325 362 404 410 417 421 423 426 456 470 527 754 810 812 830 832 840 841 843 850 852 855 856 857 858 859 860 861 862 863 865 867 870 888 893 897 944 945

CODE	DEFINITION & EXPLANATION
AAA	Pallet, Returnable
AAB	Splash Blend *Splash blending is the mixing of two gasoline products, of different octane levels, in a tank on the delivery vehicle to produce a third blended grade of motor fuel for resale*
AMM	Ammo Pack
AMP	Ampoule
ARS	Aerosol *A gas-tight, pressure-resistant container with a valve and propellant.*
ATH	Attachment *In containers and shipping devices, a component that can be added to provide additional functionality or security as required by the contents or method of transportation/handling*
BAG	Bag
BAL	Bale
BBL	Barrel
BDG	Banding *Something that binds, ties, or encircles the package/container to secure and maintain unit integrity*
BDL	Bundle
BEM	Beam
BIB	Bag-In-Box (BIB)
BIC	Bing Chest
BIN	Bin
BLK	Bulk
BLS	Blister Pack *A type of packaging in which the item is secured between a preformed (usually transparent plastic) dome or "bubble" and a paperboard surface or "carrier."*
BLT	Belting *As pertains to containers and shipping devices, a method of securing the contents to the conveyance device (or securing components of the shipping device to each other) using one or more bands of flexible material having high-tensile strength and a buckle or ratchet device for removing slack and maintaining tension*
BOB	Bobbin

BOT Bottle

BOX Box

BRC Bracing
Material or devices used to hold articles or sections of loads in position to prevent shifting during transportation

BRG Barge

BRK Brick Pack
A closed flat top container may form spout or has recloseable cap on side, or has straw and hole system

BSK Basket or hamper

BXI Box, with inner container

BXT Bucket

CAB Cabinet

CAG Cage

CAN Can

CAR Carrier

CAS Case

CBC Containers of Bulk Cargo

CBY Carboy

CCS Can Case

CHE Cheeses

CHS Chest

CLD Car Load, Rail

CNA Household Goods Container, Wood

CNB Container, MAC-ISO, LT. WGT. 8x8x20 Foot Air

CNC Container, Navy Cargo Transporter

CND Container, Commercial Highway Lift

CNE Container, Engine

CNF Container, Multi-walled, Secured to Warehouse Pallet

CNT Container

COL Coil

CON Cones

COR Core

CRD Cradle

CRF Corner Reinforcement
Usually in boxes or crates, additional material or components attached to adjacent panels to add support or prevent crushing or separation

CRT Crate

CSK Cask

CTN Carton

CX2 CONEX
A reusable container for shipment of cargo

CYL Cylinder

DBK Dry Bulk

DCN Decanter
A vessel with a stopper.

DIB Drink Box - Tetra Pak

DRK Double-length Rack

DRM Drum

DSK Double-length Skid

DTB Double-length Tote Bin

DUF Duffelbag

EGG Egg Crating
In containers and shipping devices, usually describes a type of interior dunnage which allows the contents to be individually segregated, horizontally and vertically, to provide protection during transportation and storage

ENV Envelope

EPR Edge Protection
A right-angle piece placed over the outermost perimeter edges of a container to distribute pressure and prevent collapse or cutting from banding, strapping, or handling

FIR Firkin

FLO Flo-bin

FRM Frame

FSK Flask

FWR Forward Reel

GAB Gable Top
An "A" shaped top container may form spout or has recloseable cap on side, or has straw and hole system

GRL Growler
A growler is a large glass, ceramic, or stainless-steel jug.

HED Heads of Beef

HGH Hogshead

HLR Howler
A small glass jug.

HPR Hamper

HPT Hopper Truck

HRB On Hanger or Rack in Boxes

HRK Half-Standard Rack

HTB Half-Standard Tote Bin

INT Intermediate Container

JAR Jar

JUG Jug

KEG Keg

KIT Kit

KRK Knockdown Rack

KTB Knockdown Tote Bin

LBK Liquid Bulk

LID Lip/Top
In packaging, the top or bottom of a container, usually the part that closes the opening; may

also be known as cap, over, or top

LIF Lifts

LNR Liners
Any material that separates a product within a container from the basic walls of the container

LOG Log

LSE Loose

LUG Lug

LVN Lift Van

MIX Mixed Container Types
More than one type of container is included in a shipment (shipment could consist of 3 pieces that include 1 box, 1 crate, and 1 basket)

ML2 MILVAN
A military owned demountable container that conforms to US and international standards and operates in a centrally controlled fleet for movement of military cargo

MRP Multi-Roll Pack

MS2 MSCVAN
A commercial (leased) or Government-owned shipping container controlled by the Military Sealift Command

MTR Miniature
A small bottle.

MUL Multipack
A bundle of products held together for ease of carrying by the consumer.

MXD Mixed

NOL Noil

PAB Pallet Box
A three-dimensional container which either has a pallet platform permanently attached at its base or alternatively requires a platform for its handling and storage as due to its constitution it cannot be handled without it.

PAF Pallet - 4 Way
A pallet that permits entry of handling equipment on each of its four sides

PAL Pail

PAT Pallet - 2 Way
A pallet that permits entry of handling equipment on opposing two of its four sides

PCK Packed - not otherwise specified

PCS Pieces

PIR Pirns

PKG Package

PLC Primary Lift Container
The largest (outermost) unitized package or articles secured together that can be handled (usually mechanically) in common shop floor/warehouse applications as a single entity; "primary" indicates preferred or mandatory

PLF Platform

PLN Pipeline

PLT Pallet

POU Pouch

POV Private Vehicle

PRK Pipe Rack

PRT Partitioning
The proceeds of applying separators or dividers

PWT Plastic-Wrapped Tray

QTR Quarter of Beef

RAL Rail (Semiconductor)

RCK Rack

REL Reel

RFT Reinforcement
In containers and shipping devices, a component (usually temporary) added to a container for a particular application to lend additional support under severe applications

ROL Roll

RVR Reverse Reel

SAH Sachet

SAK Sack

SCS Suitcase

SHA Shaker

SHK Shook

SHT Sheet
A thin layer of material usually used as a pad for extra protection by isolating/separating tiers or layers of parts within the package

SID Side of Beef

SKD Skid

SKE Skid, elevating or lift truck

SLP Slip Sheet
Shipping containers utilizing slip sheets, which are cardboard platforms used to hold product for storage or transportation

SLV Sleeve

SPI Spin Cylinders

SPL Spool

SPR Separator/Divider
In packaging, any material inserted between tiers or layers of articles to prevent contact and provide protection

SRW Shrink Wrap
In packaging, a method of securing a unit load by placing a large "bag" of plastic film over the components and applying heat to induce shrinkage and cause the bag to tighten around the contents

SSC Single Serving Cup

SSS Single Serve Shot
An alcoholic beverage container that is a spirit offering one serve one use.

STW Stretch Wrap
In packaging, a high-tensile plastic film, stretched and wrapped repeatedly around a unitized load to secure and maintain unit integrity

SV2 SEAVAN
A commercial or government-owned (or leased) shipping container which is moved via ocean transportation without wheels attached and is lifted on and off a ship

TBE Tube
TBN Tote Bin
TKR Tank Car
TKT Tank Truck
TLD Intermodal Trailer/Container Load (Rail)
TNK Tank
TRC Tierce
TRK Trunk and Chest
TRU Truck
TRY Tray
TSS Trunk, Salesmen Sample
TUB Tub
UNP Unpacked
UNT Unit
VEH Vehicles
VIL Vial
VOC Vehicle in Operating Condition
VPK Van Pack
WHE On Own Wheel
WLC Wheeled Carrier
WRP Wrapped
01 Aluminum
02 Tin
03 Hard Wood
04 As Specified by the DOT
05 Soft Wood
06 Polypropylene
07 Burlap
10 Chemically Hardened Fibre
11 High Density Polyethylene (HDPE)
12 Low Density Polyethylene (LDPE) Film
13 Cloth
14 Bi-Metal
15 Ceramic
A non-specific material made from clay and hardened by firing at a high temperature. Examples can include Terra-cotta, Earthenware, Stoneware, Porcelain, and High-Tech Ceramics.
16 Cloth Top
19 Cloth or Fabric
22 Compressed
25 Corrugated or Solid
28 Double-wall Paper
31 Fibre
34 Fibre (Paperboard)

37 Fiberboard
40 Fiberboard Metal
43 Glass
46 In Inner Containers
48 Wire/Cord
Something that binds, ties, or encircles the package/container to secure and maintain unit integrity
49 Insulated
50 Steel - Vinyl Coated
Steel that has been covered with a plastic material
51 Wire Mesh
52 Iron or Steel
53 Jumbo
54 Special Jumbo
55 Lead
58 Metal
59 Metal Cans
61 Moisture Resistant
64 Molded Plastic
67 Multiple-wall Paper (2 or more walls)
70 Multiple-wall Paper (3 or more walls)
71 Not Otherwise Specified
72 Paper - VCI
Water-resistant paper that is treated by the addition of materials to provide resistance to damage or deterioration by water in liquid form
73 Other than Glass
74 Other than Metal or Plastic Tubes, or Glass
75 Plastic - Vacuum Formed
Packaging material that is formed by heating plastic sheet and drawing it against the mold surface by evacuating the air between the sheet and the mold
76 Paper
77 Plastic - Structural Foam
A method of manufacturing containers and shipping devices by mixing plastic resins with a foaming agent, heating it and injecting the mix into a two-piece machined aluminum mold
78 Plastic - Injection Molded
Packaging material that is formed by melting the material and then forcing it under pressure into a cavity of a closed mold
79 Plastic
80 Polyethylene Lined
81 Plastic - Virgin
Plastic in the form of pellets, granules, powder, floc, or liquid that has not been subjected to use or processing other than for its initial manufacture
82 Pulpboard
83 Plastic - Regrind
A plastic prepared from discarded articles that have been reprocessed, often changing some of its original properties

84 Polystyrene
A polymer prepared by the polymerization of styrene as the sole monomer

85 Rubber

86 Foam
In packaging, a cushioning material used to reduce shock and vibration or abrasion

87 Polycoated

88 Rubber and Fabric

89 Special

90 Standard

91 Stainless Steel

92 Tubes, Metal or Plastic

94 Wood

95 Single Wall Corrugated Board
The structure formed by one corrugated inner member between two flat facings; also known as double face

96 Double Wall Corrugated Board
The structure formed by three flat facings and two intermediate corrugated members

97 Triple Wall Corrugated Board
The structure formed by four flat facings and three intermediate corrugated members

98 Polyvinyl Chloride (PVC)
Polyvinyl chloride, (IUPAC Poly (chloroethanediyl) commonly abbreviated PVC, is a thermoplastic polymer. It is a vinyl polymer constructed of repeating vinyl groups (ethenyls) having one of their hydrogens replaced with a chloride group

99 Polyethylene Terephthalate (PET)
Polyethylene terephthalate (sometimes written poly(ethylene terephthalate)), commonly abbreviated PET, PETE, or the obsolete PETP or PET-P, is a thermoplastic polymer resin of the polyester family and is used in synthetic fibers; beverage, food and other liquid containers; thermoforming applications; and engineering resins often in combination with glass fiber

104 - Type of Bankruptcy Code

Code indicating list of bankruptcy types

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

SOM

TRANSACTION SETS USED IN

201 205 264

CODE	DEFINITION & EXPLANATION
1	Chapter 07
2	Chapter 11
3	Chapter 12 *Reorganization for farmers*
4	Chapter 13

106 - Event

Free-form description of event TYPE=**AN** MIN=**1** MAX=**25**

SEGMENTS USED IN (AS SIMPLE)

V9

TRANSACTION SETS USED IN

109 110 161 273 300 301 303 304 310 312 315 323 325 350 417 426 455 859

107 - Payment Method Type Code

Code identifying type of payment procedures TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)

ACT ASM C2 G31 G76 ITD MNC SAD SER SLI

TRANSACTION SETS USED IN

110 135 140 148 185 186 191 198 201 202 205 210 245 248 252 255 267 268 273 274 290 304 310 561 810 811 812 819 820 821 822 830 832 833 834 836 838 840 843 845 850 855 857 858 859 860 865 875 876 880 882

CODE	DEFINITION & EXPLANATION
1	Graduated
2	Income Sensitive
3	Income Contingent
4	Level (Sum Constant)
8	Credit Account
A	Private Netting Agreement, Pay by Wire Transfer
B	Compensation by Balance
C	Pay By Check
D	Debited
E	Electronic Payment System
F	Freight Payment Bank
G	CCD (NACHA Corporate Credit or Debit - Funds Transacted without Remittance Information)
H	CCD+ (NACHA Corporate Credit or Debit - Funds Transacted Plus an 80 Record Remittance Detail)
I	Invoiced Separately
J	CTX (NACHA Corporate Trade Exchange - Transaction Plus Remittance Detail in ANSI Standard Flexible Format)
K	Private Netting, Pay by Check
L	Letter of Credit
M	Deduction from Film Rental
N	Billing Account *The account or summary account that represents a customer's net compensation position with the bank for the relationship within this transaction set*
O	CTP (NACHA Corporate Trade Payment - Transaction Plus Remittance Detail in Fixed Format)
P	Previously Charged *Service charged outside of analysis; provided for completeness of bank information*
Q	Petroleum Clearinghouse Bank
R	Related Detail Account *Individual account that provides supporting data for a billing or summary amount*
S	Summary Account *Summary of account level detail for information, pricing or balance netting*
T	Wire Transfer

U Direct Pay to Others
V Lock Box
W Waived
X In Kind Payment
Y Credit
AA Bank Draft
AB Cash
AC Credit Card
AD Direct Deposit
AE Money Order
AF Special Account
AG Travelers Check

108 - Pickup or Delivery Code

Code specifying the location or type of pickup or delivery TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
CD3 H6 ID4 P1 P2 Q5 SMD

TRANSACTION SETS USED IN
104 107 110 163 210 215 228 240 322 404 417 754 858 859

CODE	DEFINITION & EXPLANATION
H	Sunday and Holiday Pickup Service
J	Saturday Pickup Service
M	Multiple Shipment
O	Other
P	Cut Flowers
S	Special Pickup Service
U	Container Shipment
V	High Value Shipment
AT	Airport Terminal
BC	Canadian Business Delivery
CA	Carrier Advance
CB	Business Delivery (Contracted)
CC	Convenience Center
CP	Customer Counter Pickup
CR	Residential Delivery (Contracted)
CS	Contract Shipment Delivery
CT	City Terminal
DB	Drop Box
DT	Drop Trailer
IB	International Business Delivery
IR	International Residential Delivery
LD	Live Delivery
LL	Live Load
OC	On-call Pickup
OT	Other Carrier's Terminal
PB	Private Box
RB	Business Delivery (Regular)
RC	Canadian Residential Delivery
RD	Residential Door
RG	Regular Pickup
RR	Residential Delivery (Regular)
SD	Shippers Door

109 - Pickup Date

Date the carrier picks up the shipment from the shipper or supplier expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

TYPE=**DT** MIN=**8** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

P1

TRANSACTION SETS USED IN

104 110 859

110 - Application Acknowledgment Code

Code indicating the application system edit results of the business data TYPE=**ID** MIN=**1** MAX=**2**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

OTI

TRANSACTION SETS USED IN

824

CODE	DEFINITION & EXPLANATION
BA	Batch Accept
BC	Batch Accept with Data Content Change
BE	Batch Accept with Error
BP	Batch Partial Accept/Reject
BR	Batch Reject
GA	Functional Group Accept
GC	Functional Group Accept with Data Content Change
GE	Functional Group Accept with Error
GH	Functional Group on Hold *All transaction sets within a specific functional group are on hold pending further investigation to either accept or reject the functional group*
GP	Functional Group Partial Accept/Reject
GR	Functional Group Reject
IA	Item Accept
IC	Item Accept with Data Content Change
IE	Item Accept with Error
IP	Item Partial Accept/Reject
IR	Item Reject
TA	Transaction Set Accept
TC	Transaction Set Accept with Data Content Change
TE	Transaction Set Accept with Error
TH	Transaction Set on Hold *Transaction set on hold pending further investigation to either accept or reject the transaction set*
TP	Transaction Set Partial Accept/Reject
TR	Transaction Set Reject

111 - Pickup Time

Time (HHMM) that the carrier is to pickup the shipment TYPE=**TM** MIN=**4** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

P1

TRANSACTION SETS USED IN

104 110 859

112 - Pier Name

Free-form name of the pier

TYPE=**AN** MIN=**2** MAX=**14**

SEGMENTS USED IN (AS SIMPLE)

BA2 CM Y3

TRANSACTION SETS USED IN

301 319 353 404 410 417 858 859

113 - Pier Number

Identifying number for the pier TYPE=**AN** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

BA2 CM R4

TRANSACTION SETS USED IN

109 215 272 300 301 304 309 310 311 312 315 319 322 323 324 325 326 353 355 362 404 410 417 511 715 754 810 856 858 859 945

114 - Port Name

Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property

TYPE=**AN** MIN=**2** MAX=**24**

SEGMENTS USED IN (AS SIMPLE)

BA2 CM R4

TRANSACTION SETS USED IN

109 215 272 300 301 304 309 310 311 312 315 319 322 323 324 325 326 353 355 362 404 410 417 511 715 754 810 856 858 859 945

115 - Port or Terminal Function Code

Code specifying function performed at the port or terminal with respect to a shipment

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

BA2 CM P5 R4

TRANSACTION SETS USED IN

109 215 272 300 301 304 309 310 311 312 315 319 322 323 324 325 326 353 355 362 404 410 417 511 601 715 754 810 856 858 859 945

CODE	DEFINITION & EXPLANATION
1	Final Port of Discharge (Operational) *Last port at which cargo is unloaded from vessel*
2	Collect Charge Location (Operational) *Place at which collect charges are paid*
3	Customs Office of Manifest Origin
4	Customs Office of Manifest Destination
5	Activity Location (Operational) *Place at which the activity being reported is occurring*
6	Origin Rail Intermodal Terminal
7	Destination Rail Intermodal Terminal
8	First Optional Port of Discharge
9	Second Optional Port of Discharge
A	Place of Acceptance (Operational) *Place at which carrier actually accepts cargo from shipper or his agent*
B	Reconsolidation Point (Operational) *Place at which loose or other noncontainerized cargo is regrouped for further carriage*
C	De-Consolidation Point (Operational) *Place at which loose or other noncontainerized cargo is ungrouped for delivery*
D	Port of Discharge (Operational) *Port at which cargo is unloaded from vessel*
E	Place of Delivery (Contractual) *Place at which cargo leaves its care and custody of carrier*
F	Freight Payable At (Contractual) *Carrier's location of collection of freight*
G	Port of Entry (Operational) *Place at which cargo actually enters a country where the cargo is not part of its commerce*
H	Port of Exit (Operational) *Place at which cargo actually leaves a country where the cargo is not part of its commerce*
I	Interim Point (Operational) *Place at which cargo is transferred from one inland means of transport to another*
J	Bill of Lading Port of Loading (Contractual) *Place at which cargo is loaded on board the means of transport*
K	Bill of Lading Port of Discharge (Contractual) *Place at which cargo is discharged from means of transport*

L Port of Loading (Operational)
Port at which cargo is loaded on vessel

M Destination (Operational)
Place at which carrier actually turns cargo to consignee or his agent

N Final Destination (Operational)
Consignee's facility at which shipment ends its movement at cargo's expense

O Origin (Operational)
Shipper's facility at which shipment begins its movement at cargo's expense

P Dispatching Pool (Operational)
Place from which equipment is dispatched

Q Bill of Lading Origin of Goods (Contractual)
Origin of goods or shipments, or both as denoted on bill of lading

R Place of Receipt (Contractual)
Place at which cargo enters the care and custody of carrier

S Return Pool (Operational)
Place at which equipment is returned

T Transshipment Port (Contractual)
Place at which cargo is transferred to another carrier

V Prepaid Charge Location (Operational)
Place at which prepaid charges are paid

W Bill of Lading Release Office (Operational)
Place at which original bills of lading are released to the shipper or his agent

X Third Optional Port of Discharge

Y Relay Port (Operational)
Port at which cargo is transferred from one vessel to another

116 - Postal Code

Code specifying international postal zone code excluding punctuation and blanks (zip code for United States)

TYPE=**ID** MIN=**3** MAX=**15**

Code Sources

51 932

SEGMENTS USED IN (AS SIMPLE)

AP1 BA1 D9 DMI E4 F9 MS1 N4 SMA SMS SV1

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 110 111 112 113 120 124 128 130 132 133 135 138 140 141 142 143 144
146 147 148 149 150 152 153 154 155 157 159 163 175 176 179 180 185 186 187 188 189 190 191 194
195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219 220 222 223
227 228 240 245 248 249 250 251 252 255 256 259 260 261 262 264 265 266 267 268 269 270 271 272
273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310 311 312 317 322 325 350
355 358 359 404 410 412 417 418 421 422 423 424 425 426 431 433 434 455 456 460 470 490 494 500
501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 753 754 805 806 810 811
812 813 814 816 818 819 820 821 822 823 824 826 827 828 830 832 833 834 835 836 837 838 839 840
841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864
865 866 867 868 869 870 873 874 875 876 878 879 880 881 882 885 887 888 889 890 892 893 896 897
920 940 943 944 945 947

117 - Prepaid Amount

Money paid at point of origin (usually by shipper) expressed in the standard monetary denomination for the currency specified

TYPE=**N2** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

L1 L3

TRANSACTION SETS USED IN

104 110 204 210 219 220 223 300 301 304 310 311 312 322 325 404 410 417 426 858 859

118 - Rate

Rate expressed in the standard monetary denomination for the currency specified

TYPE=**R** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

CD1 DM HCP MC MCT RPA SAC SW SWR USD VAD

TRANSACTION SETS USED IN

106 107 111 124 126 180 196 256 267 268 273 304 319 424 433 485 492 650 806 810 811 812 820 823 830 832 837 839 840 843 846 847 850 852 855 856 857 860 861 865 870 879 890 897

119 - Rate Basis Number

The (mileage) factor published for rating purposes in the appropriate tariff

TYPE=**AN** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

L7 SCL

TRANSACTION SETS USED IN

126 210 304 310 312 494 810 858 859

120 - Rate Combination Point Code

The code denoting the connecting station for a joint rate obtained by combining two or more published rates which are used for the calculation of transportation charges

TYPE=**AN** MIN=**3** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

L1

TRANSACTION SETS USED IN

104 110 210 223 300 301 304 310 312 404 410 417 426 858 859

CODE	DEFINITION & EXPLANATION
FSAC	Rail SEE CODE SOURCE 48
IATA	Air SEE CODE SOURCE 3
R260	Association of American Railroads Accounting Rule 260 SEE CODE SOURCE 140
SPLC	Motor SEE CODE SOURCE 21

121 - Rate Class Code

Code identifying specifically designated class of goods; Note: For international air shipments, see IATA Resolution 600k

TYPE=**ID** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

`CD1 L1 W01 W04`

TRANSACTION SETS USED IN

`104 110 210 223 300 301 304 310 312 319 404 410 417 426 858 859 940 943`

CODE	DEFINITION & EXPLANATION
A	Alternate Rating
C	Specific Commodity Rate
E	Weight in Excess of Pivot Weight and Applicable Rate
F	Overflow
H	Charter
I	Class Not Identifiable
L	Class Rate
M	Minimum
N	Normal Under 45 KG Rate
O	Column Commodity Rate
Q	Quantity 45 KG Over Rate
R	Class Rate (Less than Normal Rate)
S	Class Rate (More than Normal Rate)
T	Sender Rate
U	Pivot Weight and Applicable Pivot Weight Charge
V	Excess Rate
X	IATA Container or Unit Load Device (ULD)
Y	Exception Rating
BHR	Backhaul Rate
CTR	Contract Rate
DMA	Demurrage Period 1
DMB	Demurrage Period 2
DMC	Demurrage Period 3
ECR	Econo Rate
QUO	Quoted Rate

122 - Rate/Value Qualifier

Code identifying how to extend charges or interpret value TYPE=ID MIN=2 MAX=2

COMPOSITE DATA STRUCTURES USED IN
C046

SEGMENTS USED IN (AS COMPONENT)
VDI

SEGMENTS USED IN (AS SIMPLE)
ARS BFS CAI CD1 CD3 CDI CIV DM G5 L1 L3 L8 LC1 LN1 LRQ M1 MC MCT MS5 PEX PRD R2C RA RAB
RO RT RTT SW SWR T2 T6 TS

TRANSACTION SETS USED IN
104 106 107 108 110 129 197 198 199 200 201 202 204 205 210 215 219 220 223 240 261 262 265 273
300 301 304 310 311 312 319 322 325 404 410 417 424 426 433 440 460 485 492 494 833 858 859 872

CODE	DEFINITION & EXPLANATION
AA	Percent Of Amount Advanced
AB	Accelerated
AC	Percent Of Amount Of Collection
AD	Addition
AE	Percent of Outstanding Principal Balance
AF	Percent of Original Principal Balance
AG	Percentage
AI	Effective Payment Rate
AJ	Fixed Dollar Amount
AV	Ad Valorum (Per Cent of Value)
B0	Per Board Feet
B1	Per 100 Board Feet
BF	Per 1,000 Board Feet
BL	Bill of Lading Declared Value
BR	Per Barrel
C5	Per 50 Cubic Feet
CB	Commodity Based
CD	Per Car Per Day
CE	Ceiling
CF	Per 40 Cubic Feet (Measurement Ton)
CM	Per Cubic Meter
CO	Cost per Unit
CP	Computer Units
CS	Per Special Charge
CT	Charge or Credit Based on Percentage of Total
CW	Per Hundred Weight *Describes a transportation rate that applies to every one hundred pounds of total weight of an individual shipment*

DD Department of Defense Unique Codes
DE Decrease
DH Per Hundred Dollars
DI Divisor
DO Flat Division
DP Per $1000
DR Per Dromedary Service Shipment
DS Per Hundredweight Per Mile Per Dromedary Service Shipment
DV Per Day Per Vehicle
EI Ex Parte Increase
ER Per Each Request
FA Floor
FB Full
FC Flat Charge
FF Percent Of Tariff Rate
FI First
FL Per Flat Bed
FN Per Two Weeks
FR Flat Rate
FT Per Foot
FV Loaded to Full Visible Capacity
GT Per Gross Ton
HD Per Hundredweight Per Dromedary Service Shipment
HL Per Hour Per Load
HM Rate Per Hundred Weight Per Mile
HN Per Half Month
HX Hundredweight Per Day
HY Per Half Year
IA Increase
IM Intermodal Unit
IN Per Inch
KG Per Kilograms
KL Per Kiloliter
KP Per Kilometer
KT Per Kilotons
LA Per Pound Per Article
LB Per Pound
LF Per Loaded 436L Pallet
LI Liability per Pound per Piece
LL Life of Loan
LP Per Label
LR Per Litre
LS Lump Sum

LT Per Long Ton
LV Per Pound Per Vehicle
M1 Minimum Per Person
MA Minimum per Service
MB Per Mile per Service
Describes a rate that applies to the distance over which a service is performed
MC Minimum Per Car
MD Per Man Per Day
ME Multiple Equipment
MF Maximum
MG Miles Per Week Per Driver
MH Per Man Per Hour
MI Negative Charge
MM Per Metric Ton (Tonne)
MN Minimum
MO Per Month
MP Maximum Per Shipment
MR Per Mile Per Vehicle Used Per Round Trip
MS Minimum Per Shipment
MT Per Permit
MU Multiplier
MV Per Mile Per Vehicle (Rail Car) Moved
MW Minimum Per Vehicle
MX Mixed Shipment Rule
MZ Per Mile Per Shipment
NA Negative
NB Nonamortizing
ND Minimum Per Driver
NE Net Package Charge
NM Per Mile Per Person
NP Minimum Per Day Per Person
NV Minimum Per Day Per Vehicle
OP Optional Value
OS Per Season
OT One-Time Charge
P0 Per Year per Square Foot
P1 Per Advancement
P2 Per Person Per Night
P3 Per Car Including Special Equipment Charges
P4 Per Hundred Weight Including Special Equipment Charges
P5 Per 40 Foot Equivalent (FEU)
P6 Less than Full
P8 Potential

P9 Partial
PA Per Container
PB Per Barge
PC Per Car
PD Per Day
PE Per 20 Foot Equivalent (TEU)
PF Per Cubic Foot
PG Per Gallon
PH Per Hundred (of Basic Unit)
PI Hourly Rate Per Vehicle
PJ Projected
PK Per Cord
PL Per Load
PM Per Mile
PN Per Night
PO Positive
PP Per Piece
PQ Per Period
PR Per Hour
PS Per Shipment
PT Per Net Ton
PU Per Unit
PV Per Vehicle
PW Percentage of Charges
PX Payment
PY Per Gallon Per Mile
Describes a transportation rate that applies to every gallon for every mile the individual shipment is moved
PZ Per Package Charge
QY Per Quarter Year
RA Rate per Thousand
RB Rate per Hundred
RC Rate
RL Per Relocation
RP Percent Of Rate
RT Per Vehicle Used Per Round Trip
S0 Per 1000 Square Feet
S1 Per 100 Square Feet
SA Subtraction
SB Subsequent
SC Per Stencil
SD Shipper's Export Declaration Value
SE Second
SF Per Square Feet

SG Stated
SH Scheduled
SP Per Stop
ST Per Short Ton
SU Per Stack Car Unit
SV Per Vehicle Per Stop
SY Square Yard
SZ Per Day Per Shipment
TB Per 2 Trailers Same Day
TC Per 3 Trailers Same Day
TD Per 4 Trailers Same Day
TM Per Mile Per Ton
TN Per Train Rate
TP Per Tag
TR Per Trailer (Per Train)
VA Per Vehicle Moved
Describes a transportation rate that applies to every vehicle conveyed in an individual shipment
VH Per Vehicle Used
Describes a transportation rate that applies to each vehicle used for the movement of an individual shipment
VM Volume
VP Maximum Per Vehicle
VR Per Rail Car Used
Describes a transportation rate that applies to each rail car used for the movement of an individual shipment
VS Various
VT Per Mile per Vehicle
Describes a rate that applies to the distance a conveying vehicle is used
VU Per Mile Per Vehicle (Rail Car) Used
VV Per Vehicle per State
Describes a rate that applies to the number of security vehicles per state needed to surveil a shipment
WK Per Week
WM Weight or Measurement
XP Maximum Per Person
YR Per Year
ZZ Mutually Defined

123 - Number of Received Transaction Sets

Number of Transaction Sets received TYPE=**N0** MIN=**1** MAX=**6**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK9

TRANSACTION SETS USED IN

997 999

124 - Application Receiver's Code

Code identifying party receiving transmission; codes agreed to by trading partners

TYPE=**AN** MIN=**2** MAX=**15**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

GS OTI TXN

TRANSACTION SETS USED IN

824 838

125 - Security Holding Type Code

Code indicating the type of security that is held. TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
SHI

TRANSACTION SETS USED IN
103

CODE	DEFINITION & EXPLANATION
A	Note
B	Bond
C	Common Stock
D	Debentures
E	Convertible Stock
F	Foreign Government Bond
G	Mutual Fund
H	Foreign Stock
K	Corporate Bond
L	Treasury Bill
M	Municipal Bond
N	Non-Voting Preferred Stock
O	Options
P	Preferred Stock
R	Participating Stock
T	Treasury Bond
U	Utility Bond
V	Voting Preferred Stock
W	Warrants
Z	Mutually Defined

127 - Reference Identification

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

TYPE=**AN** MIN=**1** MAX=**80**

COMPOSITE DATA STRUCTURES USED IN

C036 C040 C042

SEGMENTS USED IN (AS COMPONENT)

CSC EXI INX LN2 N9 PDS PLB RDM REF

SEGMENTS USED IN (AS SIMPLE)

ADJ ADX AIN ANI AOI ARS ASO AST ATA AXL B10 B13 B9 BA1 BA2 BAA BAK BAT BAU BAX BC BCA BCD BCH
BCI BCO BCP BCQ BCS BCU BFR BGF BGN BGP BHT BIA BLS BMA BMM BMP BMS BNR BOL BOR BOX BPA BPP BPT
BR BRA BRC BSD BSI BSR BSS BTC BTI BTP BTR BVA BVP BVS CAD CAI CAL CCI CD1 CDA CDS CER CI CII
CIV CLP CLR CM CMA CN1 COB CON CPM CR8 CRS CS CSD CSE CSU CTH DAD DD DED DEP DET DMA DN2 DVI
EIA EMP EMS ENT ETD F01 F02 F09 F10 F11 F12 FAA FGS FRM FST G11 G48 G5 GA GF GR GR4 HCP HCR
HPL ICH ID1 ID2 IN1 JIL L11 LCT LEP LEQ LH LHE LHR LIC LN LOC M10 M12 M14 M15 M20 M21 MIA MIR
MIT MLA MOA N10 N11 N7B N8A N9 NA OID OTI PBI PD PEN PI PIN PLB PLC PO5 PPD PPY PR2 PRI PRJ
PRV PS1 PSC PTD PTS PUN Q2 Q5 Q8 R12 REA REF REP RLT RMR RMT RO RRA RU1 RU2 SAC SBR SCN SCP
SCS SER SHD SHI SLI SPI SSC SSD STP SV1 SV4 SV7 T1 TBI TDT TFS THE TID TMD TPP TRN TRT TS3 TST
UC UQS UWI V2 VAD VAR VEH VID X4 XQ ZA ZR

TRANSACTION SETS USED IN

100 101 102 103 104 105 106 107 108 109 110 111 112 113 120 121 124 125 126 130 131 132 133 135
138 139 140 141 142 143 144 146 147 148 149 150 151 152 153 154 155 157 158 159 160 161 163 170
175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206
210 211 212 213 214 215 216 217 219 220 222 223 224 225 227 228 240 242 244 245 248 249 250 251
252 255 256 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280
283 284 285 286 288 290 300 301 304 309 310 311 312 313 315 317 319 322 324 325 326 350 352 353
354 355 356 357 358 359 361 362 404 410 412 414 417 418 421 422 423 424 426 429 431 432 433 435
440 451 452 453 455 456 460 466 468 470 475 485 486 490 492 494 500 501 503 504 511 517 521 527
536 540 561 567 568 601 603 620 625 650 715 753 754 805 806 810 811 812 813 814 815 816 818 819
820 821 822 823 824 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844
845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 869
870 872 873 874 875 876 877 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 896
897 920 924 925 926 940 943 944 945 947 990 996

128 - Reference Identification Qualifier

Code identifying the Reference Identification TYPE=**ID** MIN=**2** MAX=**3**

COMPOSITE DATA STRUCTURES USED IN
C040

SEGMENTS USED IN (AS COMPONENT)
CSC EXI LN2 N9 PDS RDM REF

SEGMENTS USED IN (AS SIMPLE)
ADJ ADX ASO B10 BAA BCD BCO BCP BGF BGP BPA BR BRC BSD BTI CAD CAL CCI CD1 CDS CI CIV CMA CON
CS CSD CTH DD EMP EMS ENT ETD F02 F09 F10 F11 FAA FGS FST G11 G48 G5 GA GF HPL IN1 JIL L11
LEQ LH LHE LHR LOC M12 M15 M20 M21 N9 NA OTI PI PRI PRJ PRV PTD Q2 Q5 REF RLT RMR RMT RO
SER SHD SPI T1 TFS TRD TRT VEH X4 ZA

TRANSACTION SETS USED IN
100 101 102 103 104 105 109 110 111 112 113 120 121 124 130 131 132 133 135 138 139 140 141 142
143 144 146 147 148 149 150 151 152 153 154 155 157 159 160 161 163 170 175 176 179 180 185 186
187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215
217 219 220 222 223 224 225 227 228 240 242 245 248 249 250 251 252 255 256 259 260 261 262 263
264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301
304 309 310 311 312 313 315 317 319 322 324 325 326 350 353 355 356 357 358 359 361 362 404 410
412 414 417 418 421 422 423 424 426 431 432 433 435 440 451 452 453 455 456 460 466 468 470 485
486 490 492 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 753
754 805 806 810 811 812 813 814 815 816 818 819 820 821 822 823 824 826 827 828 829 830 831 832
833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856
857 858 859 860 861 862 863 864 865 866 867 869 870 872 873 874 875 876 877 879 880 881 882 884
885 886 887 888 889 890 891 892 893 894 896 897 920 924 925 926 940 943 944 945 947 990 996

CODE	DEFINITION & EXPLANATION
00	Contracting District Number
01	American Bankers Assoc. (ABA) Transit/Routing Number (Including Check Digit, 9 Digits)
02	Society for Worldwide Interbank Financial Telecommunication (S.W.I.F.T.) Identification (8 or 11 Characters)
03	Clearing House Interbank Payment System (CHIPS) Participant Number (3 or 4 Digits)
04	Canadian Financial Institution Branch and Institution Number SEE CODE SOURCE 91
05	Clearing House Interbank Payment System (CHIPS) User Identification (6 digits)
06	System Number
07	Add-On System Number *A unique number assigned by the manufacturer to identify additional products added to or used by the customer in the initial system*
08	Carrier Assigned Package Identification Number *A reference number assigned by a carrier to uniquely identify a single package*
09	Customs Bar Code Number
0A	Supervisory Appraiser Certification Number
0B	State License Number
0C	Linking Identifier
0D	Subject Property Verification Source

0E Subject Property Reference Number
0F Subscriber Number
0G Reviewer File Number
0H Comparable Property Pending Sale Reference Number
0I Comparable Property Sale Reference Number
0J Subject Property Non-Sale Reference Number
0K Policy Form Identifying Number
0L Referenced By
0M Mortgage Identification Number
0N Attached To
0P Real Estate Owned Property Identifier
0Q Accountable Care Organization (ACO)
10 Account Managers Code
Identifies the telecommunications manager assigned to this account
11 Account Number
12 Billing Account
Account number under which billing is rendered
13 Horizontal Coordinate
Positional address, horizontal component. The assigned address is based upon a grid mapping scheme
14 Master Account Number
Account number used to represent individual billing accounts which have been consolidated and/or summarized
15 Vertical Coordinate
Positional Address, Vertical component. The assigned address is based upon a grid mapping scheme
16 Military Interdepartmental Purchase Request (MIPR) Number
A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement
17 Client Reporting Category
Code assigned by the client to categorize participants for reporting requirements
18 Plan Number
The unique identification number assigned for a defined contribution plan
19 Division Identifier
1A Blue Cross Provider Number
1B Blue Shield Provider Number
1C Medicare Provider Number
1D Medicaid Provider Number
1E Dentist License Number
1F Anesthesia License Number
1G Provider UPIN Number
1H TRICARE Identification Number
1I Department of Defense Identification Code (DoDIC)
Qualifies a code that uniquely identifies a type of explosive or ammunition
SEE CODE SOURCE 196

1J Facility ID Number

1K Payer's Claim Number

1L Group or Policy Number

1M Preferred Provider Organization Site Number
An identification number used to identify the Preferred Provider Organization (PPO) and/or its office location

1N Diagnosis Related Group (DRG) Number

1O Consolidation Shipment Number
Qualifies a single number that is a key to a group of individual shipment numbers

1P Accessorial Status Code
Qualifies a single number that describes the status of an accessorial transportation service

1Q Error Identification Code
Qualifies a single number that describes an error found in application-level data

1R Storage Information Code
Qualifies text data that describes a storage facility used for transportation services

1S Ambulatory Patient Group (APG) Number

1T Resource Utilization Group (RUG) Number

1U Pay Grade

1V Related Vendor Order Number
A vendor's order number that is in addition to a primary order number

1W Member Identification Number

1X Credit or Debit Adjustment Number

1Y Repair Action Number

1Z Financial Detail Code

20 Repair Part Number

21 American Gas Association Equation Number
Indicates which American Gas Association (AGA) equation was used to calculate the volumes reported

22 Special Charge or Allowance Code

23 Client Number

24 Short-term Disability Policy Number

25 Reason Not Lowest Cost Code
Qualifies a code that identifies why a service/rate other than the least costly service/rate was used
SEE CODE SOURCE 350

26 Union Number

27 Insuror Pool Identification Number

28 Employee Identification Number

29 Foreclosure Account Number

2A Import License Number

2B Terminal Release Order Number
Cargo number assigned to staged material

2C Long-term Disability Policy Number

2D Aeronautical Equipment Reference Number (AERNO)
A unique number assigned to a particular piece of government-furnished aeronautical equipment

2E Foreign Military Sales Case Number
A reference number designating the foreign military sale records

2F Consolidated Invoice Number

2G Amendment

2H Assigned by transaction set sender

2I Tracking Number

2J Floor Number

2K Food and Drug Administration (FDA) Product Type

2L Association of American Railroads (AAR) Railway Accounting Rules
SEE CODE SOURCE 449

2M Federal Communications Commission (FCC) Identifier

2N Federal Communications Commission (FCC) Trade/Brand Identifier

2O Occupational Safety and Health Administration (OSHA) Claim Number

2P Subdivision Identifier

2Q Food and Drug Administration (FDA) Accession Number

2R Coupon Redemption Number

2S Catalog

2T Sub-subhouse Bill of Lading

2U Payer Identification Number

2V Special Government Accounting Classification Reference Number (ACRN)

2W Change Order Authority

2X Supplemental Agreement Authority

2Y Wage Determination

2Z U.S. Customs and Border Protection (CBP) Anti-dumping Duty Case Number

30 Visa Immigrant

31 Docket Number

32 Credit Repository Code

33 Lender Case Number

34 Loan Request Number

35 Multifamily Project Number

36 Underwriter Identification Number

37 Condominium Identification Number

38 Master Policy Number

39 Proposal Number

3A Section of the National Housing Act Code
A code taken from the Mortgage Insurance Certificate indicating the specific National Housing Act Program under which the mortgage is insured

3B Supplemental Claim Number
Number assigned by claimant to a supplemental claim for benefits

3C Payee Loan Number
Number assigned by payee to insured loan; used only when payee is different from insured lender

3D Servicer Loan Number
The loan number assigned by the servicer to the mortgage when the servicer is not the insured entity

3E Investor Loan Number
The number assigned by the investor to the mortgage when the investor is different from the insured or payee

3F Show Identification
Identification of a broadcast program

3G Catastrophe Number

3H Case Number

3I Precinct Number

3J Office Number

3K Petroleum Pool Code
A code which identifies a common source of underground oil or gas supply whose vertical and horizontal limits are defined by a state regulatory agency

3L Branch Identifier

3M Federal Communications Commission (FCC) Condition Code

3N Gas Custodian Identification
Identification number for custodian from whom gas was received or to whom gas was delivered

3O U.S. Customs and Border Protection (CBP) Pre-approval Ruling Number

3P Third Party Originator Number
Number identifying the organization acting as a correspondent in originating a loan

3Q Food and Drug Administration (FDA) Product Code

3R U.S. Customs and Border Protection (CBP) Binding Ruling Number

3S Provincial (Canadian) Sales Tax Exemption Number

3T U.S. Customs and Border Protection (CBP) Pre-classification Ruling Number

3U Protraction Number
The identifier of an official protraction diagram, either an official protraction diagram or a leasing map

3V Formation Identifier
A code or name identifying a subsurface formation

3W U.S. Customs and Border Protection (CBP) Commercial Description

3X Subcontract Number

3Y Receiver Assigned Drop Zone

3Z Customs Broker Reference Number

40 Lease Schedule Number - Replacement

41 Lease Schedule Number - Prior

42 Phone Calls

43 Supporting Document Number
Supports or clarifies information and values represented in a document

44 End Use Number
Represents the final use or form of the material being manufactured or sold

45 Old Account Number
Identifies accounts being changed

46 Old Meter Number
Identifies meters being removed

47 Plate Number

48 Agency's Student Number
Student number assigned by an agency other than the institution sending or receiving the record

49 Family Unit Number
An identification number assigned to siblings within the same family

4A Personal Identification Number (PIN)
A number that uniquely identifies an individual

4B Shipment Origin Code

4C Shipment Destination Code

4D Shipping Zone

4E Carrier-assigned Consignee Number

4F Carrier-assigned Shipper Number

4G Provincial Tax Identification

4H Commercial Invoice Number

4I Balance-due Reference Number

4J Vehicle-related Services Reference Number

4K Accessorial Rail Diversion Reference Number

4L Location-specific Services Reference Number

4M Special Move Reference Number

4N Special Payment Reference Number

4O Canadian Goods & Services or Quebec Sales Tax Reference Number

4P Affiliation Number

4Q Call Sign
An alphanumeric name assigned by the Federal Communications Commission (FCC) to uniquely identify a radio system or transmitter

4R Rule Section
SEE CODE SOURCE 360

4S Preferred Call Sign
A call sign requested by an applicant for a radio license

4T North American Datum Standard (NADS)

4U Market Area

4V Emission Designator
SEE CODE SOURCE 360

4W Study
Radio Engineering Study

4X Log
Federal Communications Commission (FCC) License Application File Number

4Y Subhouse Bill of Lading

4Z U.S. Customs and Border Protection (CBP) Countervailing Duty Case Number

50 State Student Identification Number
A student identification number assigned by the state education agency to students enrolled in state schools

51 Picture Number

52 SWIFT (MT 100)

53 SWIFT (MT 202)

54 FEDWIRE (Federal Wire Transfer)

55 Sequence Number
56 Corrected Social Security Number
57 Prior Incorrect Social Security Number
58 Corrected Batch Number
59 Prior Incorrect Batch Number
5A Offense Tracking
5B Supplemental Account Number
5C Congressional District
SEE CODE SOURCE 478
5D Line of Credit Category
5E Consumer Identifier
5F Warrant
5G Complaint
5H Incident
5I Offender Tracking
5J Driver's License
5K Commercial Driver's License
5L Jurisdictional Community Number
5M Previous Sequence
5N Citation of Statute
5O Citation of Opinion
5P National Criminal Information Center Originating Agency Identification
5Q State Criminal History Repository Individual Identification
5R Federal Bureau of Investigation Individual Identification
5S Processing Area
5T Payment Location
5U Flood Data Identifier
5V Coupon Distribution Method
5W Original Uniform Commercial Code Filing Number
5X Amended Uniform Commercial Code Filing Number
5Y Continuation Uniform Commercial Code Filing Number
5Z Uniform Commercial Code Filing Collateral Number
60 Account Suffix Code
61 Taxing Authority Identification Number
63 Prior Loan Number
64 Jurisdictional Community Name Identifier
65 Total Order Cycle Number
66 Previous Policy Number
67 Previous Claim History Identifier
68 Dental Insurance Account Number
69 Dental Insurance Policy Number
6A Consignee Reference Number
6B U.S. Customs and Border Protection (CBP) Entry Number

6C U.S. Customs and Border Protection (CBP) Entry Type Code
SEE CODE SOURCE 49

6D U.S. Customs and Border Protection (CBP) Statement Number

6E Map Reference

6F Appraiser License

6G Map Number

6H Comparable Property Verification Source

6I Comparable Property

6J Census Tract

6K Zone

6L Agent Contract Number

6M Application Number

6N Claimant Number

6O Cross Reference Number

6P Group Number

6Q Insurance License Number

6R Provider Control Number
Number assigned by information provider company for tracking and billing purposes

6S Provider Order Ticket Number
Number assigned by information provider company for work order tracking

6T Pilot License Number

6U Question Number

6V Reissue Cession Number
Unique identifier assigned to the individual record by the reinsurer

6W Enhanced Driver's License

6X Specimen Identifier

6Y Equipment Initial

6Z Secretaria de Comercia y Famenta Industrial (SECOFI) Number
The Secretaria de Comercia y Famenta Industrial (SECOFI) Number is assigned by the Mexican Government and is used to identify the producer of goods

70 Calendar Number
Identifies a working calendar (for example, Monday through Friday) for a company, division, or labor group

71 (Working) Shift Number
Identifies a working shift for a company with multiple working shifts per day

72 Schedule Reference Number

73 Statement of Work (SOW)
Description of a product or service to be procured under a contract; statement of requirements

74 Work Breakdown Structure (WBS)
A product-oriented family tree composed of hardware, software, services, and data that completely defines the project or program

75 Organization Breakdown Structure
A functionally oriented family tree that shows organization relationships and is used as the framework for assigning work responsibilities

76 Milestone
A specific event that can be identified as occurring at a specific time

77 Work Package
A detailed, short span task or material item identified by a contractor for doing the work required to complete the contract

78 Planning Package
A logical aggregation of work within a cost account (see code 79) that can be identified and budgeted, but not yet defined into work packages

79 Cost Account
A management control point for cost and schedule planning and control; it represents that work assigned to one responsible organization element and to one work breakdown structure element

7A Purchase Order Number Included in On-Order Position

7B Purchase Order Number of Shipment Received since Last Reporting Date

7C Purchase Order Number of Order Received since Last Reporting Date

7D Tester Identification

7E Collector Identification

7F Repeat Location

7G Data Quality Reject Reason

7H Environmental Protection Agency (EPA) Test Type Purpose Code

7I Subscriber Authorization Number

7J Toll Billing Telephone Reference Number

7K List of Materials

7L Qualified Materials List

7M Frame

7N Piggyback
A single commercial unit that consists of two different pieces of advertising material

7O Tripleback
A single commercial unit that consists of three different pieces of advertising material

7P Sheet

7Q Engineering Change Order

7R Representative Identification Number

7S Drawing Type

7T Master Contract

7U Related Transaction Reference Number

7W Interchange Train Identification

7X Home Mortgage Disclosure Act (HMDA) State Code
SEE CODE SOURCE 510

7Y Home Mortgage Disclosure Act (HMDA) County Code
SEE CODE SOURCE 510

7Z Home Mortgage Disclosure Act (HMDA) Metropolitan Statistical Area (MSA)
SEE CODE SOURCE 510

80 Charge Number
A number used by financial systems to identify accounts for costs incurred on a contract

81 Symbol Number (for Milestone or LOB reports)
Symbols are used for graphical representation on Milestone schedule reports and Line of

Balance reports; the various symbols indicate planned, revised, completed, and slipped events; symbols used are mutually agreed upon between supplier and customer

82 Data Item Description (DID) Reference
Specific data elements that the government will ask a contractor to provide and are spelled out in specific requirement documents

83 Extended (or Exhibit) Line Item Number (ELIN)
Identifies specific line items to be delivered for a contract

84 Contractor Data Requirements List (CDRL)
Government or customer specific deliverables identified by line item; referenced on shipping details, etc

85 Subcontractor Data Requirements (SDRL)
Line item deliverables that a subcontractor is responsible for

86 Operation Number
Identifies a specific operation number as part of the manufacturing process for a part or product

87 Functional Category
An organization or groups of organizations with a common operational orientation such as Quality Control Engineering, etc

88 Work Center
Identifies a specific work area in a manufacturing process

89 Assembly Number
Identifies specific assemblies in the manufacturing process

8A Health Maintenance Organization (HMO) Authorization Number

8B Preferred Provider Organization (PPO) Authorization Number

8C Third-party Organization (TPO) Authorization Number

8D Chemical Abstract Service Registry Number
SEE CODE SOURCE 69

8E Guarantor Loan Number

8F School Loan Number

8G Automated Clearinghouse (ACH) Trace Number

8H Check List Number

8I FEDWIRE Confirmation Number

8J Society for Worldwide Interbank Financial Telecommunications (SWIFT) Confirmation Number

8K Dominion of Canada Code

8L International Standard Industry Classification Code (ISIC)

8M Originating Company Identifier

8N Receiving Company Identifier

8O Automated Clearing House (ACH) Entry Description

8P Originating Depository Financial Institution Identifier

8Q Receiving Depository Financial Institution Identifier

8R Security Type

8S Broker Identification

8U Bank Assigned Security Identifier

8V Credit Reference

8W Bank to Bank Information

8X Transaction Category or Type
8Y Safekeeping Account Number
8Z Alternate Clause Number
90 Subassembly Number
Components of assemblies
91 Cost Element
A subdivision of costs defined by the accounting structure and the level that costs are recorded at within a cost accounting system (examples are labor, material, other direct costs)
92 Change Document Number
Reference numbers to track changes made to a contract
93 Funds Authorization
Reference numbers to identify funds authorization (document or other reference number) in the government contracting environment
94 File Identification Number
95 Committee on Uniform Security Identification Procedures (CUSIP) Number
96 Stock Certificate Number
97 Package Number
A serial number indicating unit shipped
98 Container/Packaging Specification Number
A numeric or alphanumeric identification assigned to a unique packaging/container configuration
99 Rate Conference ID Code
A group which publishes transportation rates for a group of transportation carriers
9A Repriced Claim Reference Number
9B Repriced Line Item Reference Number
9C Adjusted Repriced Claim Reference Number
9D Adjusted Repriced Line Item Reference Number
9E Replacement Claim Number
9F Referral Number
9G Department of Defense Form 250 Requirement Code
SEE CODE SOURCE 329
9H Packaging Group Number
9I Automated Clearing House (ACH) Standard Entry Class
9J Pension Contract
9K Servicer
9L Service Bureau
9M Clearing House Interbank Payments System (CHIPS) Sequence Number
9N Investor
9P Loan Type
9Q Pool Suffix
9R Job Order Number
9S Delivery Region
9T Tenor
The life or term of a financial instrument or the term fixed to the payment of a draft
9U Loan Feature Code

9V Payment Category
9W Payer Category
9X Account Category
9Y Bank Assigned Bankers Reference Number
9Z Chamber of Commerce Number
Number assigned by Chamber of Commerce to the business
A0 Advertiser Number
A1 Analysis number/Test number
A2 Disability Insurance Account Number
A3 Assignment Number
A4 Disability Insurance Policy Number
A5 Educational Institution Identification Number
A6 Provider Identifier
A7 Flexible Spending Account (FSA) Insurance Account Number
A8 Tax Advantage Account Health Insurance Policy Number
A9 Health Insurance Account Number
AA Accounts Receivable Statement Number
AB Acceptable Source Purchaser ID
AC Air Cargo Transfer Manifest
AD Acceptable Source DUNS Number
AE Authorization for Expense (AFE) Number
AF Airlines Flight Identification Number
AG Agent's Shipment Number
AH Agreement Number
AI Associated Invoices
AJ Accounts Receivable Customer Account
AK Sending Company Audit Number (Automated Clearinghouse Transfers)
AL Accounting (Equipment) Location Number
AM Adjustment Memo (Charge Back)
AN Associated Purchase Orders
AO Appointment Number
AP Accounts Receivable Number
AQ Access Code
Identifies difficulties in accessing subassembly or part requiring repair
AR Arrival Code
AS Acceptable Source Supplier ID
AT Appropriation Number
AU Authorization to Meet Competition Number
SEE CODE SOURCE 188
AV Health Insurance Rating Account Number
AW Air Waybill Number
AX Government Accounting Class Reference Number (ACRN)
AY Floor Plan Approval Number
Authorization number supplied by a finance company prior to shipment of product

AZ Health Insurance Policy Number
B1 Lessee Bill Code Number
B2 Axle Ratio
Numerical gear ratio of an axle drivetrain
B3 Preferred Provider Organization Number
B4 Bilateral Car Service Agreements
B5 Health Insurance Rating Suffix Code
B6 Life Insurance Billing Account Number
B7 Life Insurance Policy Number
B8 Life Insurance Billing Suffix Code
B9 Retirement Plan Account Number
BA Retirement Plan Policy Number
BB Authorization Number
Proves that permission was obtained to provide a service
BC Buyer's Contract Number
BD Bid Number
BE Business Activity
BF Billing Center Identification
BG Beginning Serial Number
BH Lease Schedule Number - Blanket
BI Bonded Carrier Internal Revenue Service Identification Number
BJ Carrier's Customs Bond Number
BK Broker's Order Number
BL Government Bill of Lading
BM Bill of Lading Number
BN Booking Number
BO Bin Location Number
BP Adjustment Control Number
Identification assigned to an adjustment for future reference
BQ Health Maintenance Organization Code Number
A unique number assigned to each individual Health Maintenance Organization (HMO) health insurance plan (assigned by the HMO)
BR Broker or Sales Office Number
BS Split Booking Number
BT Batch Number
BU Buyer's Approval Mark
BV Purchase Order Line Item Identifier (Buyer)
BW Blended With Batch Number
Number of the batch with which another batch was blended prior to delivery to customer
BX Buyer's Shipment Mark Number
Number identifying individual bales and total shipments of cotton which have been tested according to U.S. Government regulations
BY Repair Category Number
Classification number for the type of repair performed on a product

BZ Complaint Code
Number categorizing customer complaints
C0 Canadian Social Insurance Number
C1 Customer material specification number
C2 Customer process specification number
C3 Customer specification number
C4 Change Number
C5 Customer Tracking Number For Loaned Materials
C6 Carnet Number
C7 Contract Line Item Number
C8 Corrected Contract Number
C9 Previous Credit/Debit Adjustment Number
CA Cost Allocation Reference
CB Combined Shipment
CC Contract Co-op Number
CD Credit Note Number
CE Class of Contract Code
CF Fleet Reference Number
CG Consignee's Order Number
CH Customer Catalog Number
CI Unique Consignment Identifier
CJ Clause Number
CK Check Number
CL Seller's Credit Memo
CM Buyer's Credit Memo
CN Carrier's Reference Number (PRO/Invoice)
CO Customer Order Number
CP Condition of Purchase Document Number
CQ Customshouse Broker License Number
CR Customer Reference Number
CS Condition of Sale Document Number
CT Contract Number
CU Clear Text Clause
CV Coil Number
CW Canadian Wheat Board Permit Number
CX Consignment Classification ID
CY Commercial Registration Number
CZ Contract Rider Number (Used in conjunction with contract number)
D0 Data Reliability Code
D1 Drug Enforcement Administration Order Blank Number
D2 Supplier Document Identification Number
D3 National Council for Prescription Drug Programs Pharmacy Number
SEE CODE SOURCE 307
D4 Cut Number

D5 Dye Lot Number

D6 Duplicate Bill Number
The number of the second or subsequent invoice for the same goods or services

D7 Coverage Code
Type of protection provided by an insurance policy
SEE CODE SOURCE 214

D8 Loss Report Number
Sequence number to identify a particular loss and its information. It will be assigned across all lines of business for a particular customer

D9 Claim Number
Sequence number to track the number of claims opened within a particular line of business

DA Domicile Branch Number
Home location of product

DB Buyer's Debit Memo

DC Dealer purchase order number

DD Document Identification Code

DE Depositor Number

DF Defense Federal Acquisition Regulations (DFAR)
SEE CODE SOURCE 80

DG Drawing Number

DH Drug Enforcement Administration Number
SEE CODE SOURCE 73

DI Distributor Invoice Number

DJ Delivery Ticket Number

DK Dock Number

DL Seller's Debit Memo

DM Associated Product Number

DN Draft Number

DO Delivery Order Number

DP Department Number

DQ Delivery Quote Number

DR Dock Receipt Number

DS Defense Priorities Allocation System (DPAS) Priority Rating

DT Downstream Shipper Contract Number

DU Dependents Information
Qualifies text data that describes information about a dependent spouse or children as it pertains to the transportation of household goods

DV Diversion Authority Number

DW Deposit Sequence Number

DX Department/Agency Number

DY Department of Defense Transportation Service Code Number (Household Goods)
SEE CODE SOURCE 124

DZ Certified Registered Nurse Anesthetist (CRNA) Provider Identification Number
Provider number of the physician that is supervising the registered nurse anesthetist

E1 Emergency Order Number

E2 Part Causing Repair Number

E3 Expansion on Effect of Change Number
Description of additional effects on test or operating procedures as a result of the change to the product

E4 Charge Card Number

E5 Claimant's Claim Number
Unique number assigned to the claim by the claimant

E6 Backout Procedure Code
Description of the procedures required to remove the change to the product in case the change just made causes an unwanted result

E7 Service Bulletin Number

E8 Service Contract (Coverage) Number
Number or code identifying length and terms of the coverage

E9 Attachment Code
Supplementary reference information

EA Medical Record Identification Number
A unique number assigned to each patient by the provider of service (hospital) to assist in retrieval of medical records

EB Embargo Permit Number

EC Circular

ED Export Declaration

EE Election District

EF Electronic Funds Transfer ID Number

EG Ending Serial Number

EH Financial Classification Code

EI Employer's Identification Number

EJ Patient Account Number
A unique number assigned to each patient by the provider of service to facilitate retrieval of individual case records tracking of claims submitted to a payer and posting of payment

EK Healthcare Manpower Shortage Area (HMSA) Facility Identification Number
A unique number assigned to facility located in a Health Manpower Shortage Area

EL Electronic device pin number

EM Electronic Payment Reference Number

EN Embargo Number

EO Submitter Identification Number
A unique number identifying the submitter of the transaction set

EP Export Permit Number

EQ Equipment Number

ER Container or Equipment Receipt Number

ES Employer's Social Security Number

ET Excess Transportation

EU End User's Purchase Order Number

EV Receiver Identification Number
A unique number identifying the organization/site location designated to receive the current transmitted transaction set

EW Mammography Certification Number
Centers for Medicare & Medicaid Services assigned certification number of the certified

mammography screening center

EX Estimate Number

EY Receiver Sub-identification Number
A unique code identifying the receiver's specific department or office location for internal routing of electronic claims

EZ Electronic Data Interchange Agreement Number

F1 Version Code - National
Identifies the release of a set of information or requirements to distinguish from the previous or future sets that may differ; the release in question is on the national level

F2 Version Code - Local
Identifies the release of a set of information or requirements to distinguish from the previous or future sets that may differ; the release in question is on the local level

F3 Submission Number
A unique number assigned to the submitted transaction set; this number is used by the payer to track every file submitted

F4 Facility Certification Number
A unique number assigned to qualifying facilities to perform services

F5 Medicare Version Code
Identifies the release of a set of information or requirements to distinguish from previous or future sets that may differ; the version in question is that which is being used by Medicare

F6 Medicare Beneficiary Identifier (MBI)

F7 New Medicare Beneficiary Identifier (MBI)

F8 Original Reference Number

F9 Freight Payer Reference Number

FA Federal Acquisition Regulations (FAR)
SEE CODE SOURCE 80

FB File Transfer Form Number

FC Filer Code Issued by Customs

FD Filer Code Issued by Bureau of Census

FE Failure mechanism number

FF Film Number
Number assigned by the film distribution company

FG Fund Identification Number

FH Clinic Number
A unique number identifying the clinic location that rendered services

FI File Identifier

FJ Line Item Control Number
A unique number assigned to each charge line used for tracking purposes

FK Finish Lot Number

FL Fine Line Classification
Fine Line Classifications are used to group related items so that retail stores can perform analyses of sales and shelf space allocation by groups of products

FM Federal Maritime Commission (FMC) Forwarders Number

FN Forwarder's/Agent's Reference Number

FO Drug Formulary Number

FP Forestry Permit Number

FQ Form Number

FR Freight Bill Number

FS Final Sequence Number

FT Foreign Trade Zone

FU Fund Code
Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund

FV Health Maintenance Organization (HMO) Reference Number
A unique number assigned to each referral or authorization when a claimant visits a provider other than the primary care provider

FW State License Identification Number
A unique number assigned to each provider of service; this number is assigned by state governments and is the provider's legal identification number in the state that is assigned

FX Failure Analysis Report Number

FY Claim Office Number
The identification of the specific payer's location designated as responsible for the submitted claim

FZ Processor's Invoice Number
The invoice number of the third-party outside processor

G1 Prior Authorization Number
An authorization number acquired prior to the submission of a claim

G2 Provider Commercial Number
A unique number assigned to a provider by a commercial insurer

G3 Predetermination of Benefits Identification Number
A number assigned by a third-party payer identifying the pre-treatment estimate

G4 Peer Review Organization (PRO) Approval Number
An authorization number for certain surgical procedures and for an assistant at cataract surgery

G5 Provider Site Number

G6 Payer Assigned Resubmission Reference Number

G7 Resubmission Reason Code
A code identifying the reason that the claim was resubmitted

G8 Resubmission Number

G9 Secondary Employee Identification Number

GA Government Advance Progress

GB Grain Block Number

GC Government Contract Number

GD Return Goods Bill of Lading Number
Bill of lading number for returned goods en route

GE Geographic Number

GF Specialty License Number
A unique number assigned to each provider of service by specialty

GG Gauge Ticket Number

GH Identification Card Serial Number

GI Secondary Provider Number

GJ Cornbore Certification Number
Certificate stating that shipment is free of cornbores

GK Third Party Reference Number
A unique number assigned to a claim after it has been entered into the third party payer's adjudication system; this number is used by the payer to track claims internally

GL Geographic Destination Zone Number

GM Loan Acquisition Number
Number assigned to a loan during the acquisition process

GN Folder Number
Number used to identify the folder in which the loan is located

GO Exhibit Identifier

GP Government Priority Number

GQ Internal Purchase Order Release Number
The release number associated with the internal purchase order number

GR Grain Order Reference Number

GS General Services Administration Regulations (GSAR)
SEE CODE SOURCE 80

GT Goods and Service Tax Registration Number

GU Internal Purchase Order Item Number
The item number associated with the internal purchase order

GV Third Party Purchase Order Number
The purchase order number from a manufacturer to a third-party which provides value added to the manufactured product

GW Third Party Purchase Order Release Number
The release number associated with a third-party purchase order number

GX Third Party Purchase Order Item Number
The item number associated with the third-party purchase order number

GY Empty Repositioning Number
Number used to authorize and track an empty container or bare chassis or generator set being repositioned for later use

GZ General Ledger Account

H1 High Fabrication Authorization Number
The purchaser's program number that authorizes the highest amount of material production

H2 High Raw Material Authorization Number
The purchaser's program number that authorizes the highest amount of raw material or purchased components in their original state to be secured for production

H3 Gravity Source Meter Number

H5 Special Clause

H6 Quality Clause

H7 Standard Clause

H8 Home Mortgage Disclosure Act (HMDA) Census Tract

H9 Payment History Reference Number

HA Competent Authority

HB Bill & Hold Invoice Number

HC Heat Code

HD Department of Transportation Hazardous Number

HE Hazardous Exemption Number

HF Engineering Data List

HG Civil Action Number

HH Fiscal Code
Business Number assigned by the government

HI Health Industry Number (HIN)
SEE CODE SOURCE 121

HJ Identity Card Number
Number assigned to an individual by a government

HK Judgment Number

HL SIREN Number
Number assigned to a business by the French Government

HM SIRET Number
Number assigned to a business for each location by the French Government

HN Hazardous Certification Number

HO Shipper's Hazardous Number

HP Pack & Hold Invoice Number

HQ Reinsurance Reference

HR Horsepower
Horsepower rating of the engine

HS Harmonized Code System (Canada)
SEE CODE SOURCE 78

HT Code of Federal Regulations
SEE CODE SOURCE 80

HU Type of Escrow Number

HV Escrow File Number

HW High/Wide File Number

HX Auto Loss Item Number

HY Property Loss Item Number

HZ Tax Agency Number (MERS [Mortgage Electronic Registration System] Federal Information Processing Standards [FIPS] Based Number)

I1 Owning Bureau Identification Number

I2 Interstate Commerce Commission (ICC) Account Number
A code which is mandatory on Joint Facility Billing that indicates that the following is an ICC Account Number

I3 Non-American Identification Number

I4 Credit Counseling Identification Number

I5 Invoice Identification

I7 Credit Report Number

I9 Pollutant
SEE CODE SOURCE 558

IA Internal Vendor Number

IB In Bond Number

IC Inbound-to Party

ID Insurance Certificate Number

IE Interchange Agreement Number
Number identifying the interchange agreement of a domestic carrier with an ocean carrier

IF Issue Number

IG Insurance Policy Number
IH Initial Dealer Claim Number
Claim number of previously attempted repair
II Initial Sample Inspection Report Number
IJ Standard Industry Classification (SIC) Code
IK Invoice Number
Manufacturer's invoice number for vehicle/component
IL Internal Order Number
IM Intergovernmental Maritime Organization (IMO) Number
IN Consignee's Invoice Number
IO Inbound-to or Outbound-from Party
IP Inspection Report Number
IQ End Item
IR Intra Plant Routing
IS Invoice Number Suffix
IT Internal Customer Number
IU Barge Permit Number
Identification of permit for rail traffic moving on a barge
IV Seller's Invoice Number
IW Part Interchangeability
Specifies the interchange relationship between an old part number and a new part number (replaced and replacing part numbers)
SEE CODE SOURCE 219
IX Item Number
IZ Insured Parcel Post Number
Number assigned to control an insured parcel post shipment from shipper to consignee
J0 Proceeding
J1 Creditor
J2 Attorney
J3 Judge
J4 Trustee
J5 Originating Case
J6 Adversary Case
J7 Lead Case
J8 Jointly Administered Case
J9 Substantively Consolidated Case
JA Beginning Job Sequence Number
JB Job (Project) Number
JC Review
JD User Identification
JE Ending Job Sequence Number
JF Automated Underwriting Reference Number
JH Tag
JI Multiple Listing Service Area
JK Multiple Listing Service Sub-area

JL Packet
JM Multiple Listing Service Map X Coordinate
JN Multiple Listing Service Map Y Coordinate
JO Multiple Listing Number
JP Multiple Listing Service Book Type
JQ Elevation
JR Property Component Location
JS Job Sequence Number
JT Prior Tax Identification Number (TIN)
JU Prior Phone Number
JV Prior Health Industry Number
JW Prior Universal Provider Identification Number (UPIN)
JX Prior Postal Zip Code
JY Origin of Shipment Harmonized-Based Code
Harmonized code of the commodity in the country which is the origin of the shipment
JZ Governing Class Code
SEE CODE SOURCE 299
K0 Approval Code
SEE CODE SOURCE 329
K1 Foreign Military Sales Notice Number
Number assigned to control a foreign military sales shipment from shipper to consignee
K2 Certified Mail Number
Number assigned by U.S. Postal Service (USPS) to monitor the movement of certified mail from point of acceptance by USPS to point of delivery
K3 Registered Mail Number
Number assigned by U.S. Postal Service (USPS) to monitor the movement of mail from point of acceptance by USPS to point of delivery
K4 Criticality Designator
A number assigned to a contract or order that expresses the relative importance of that contract or order and thereby assists the contractor in making performance decisions and assists in making production surveillance decisions
SEE CODE SOURCE 188
K5 Task Order
K6 Purchase Description
K7 Paragraph Number
K8 Project Paragraph Number
A number for a nested part of a project
K9 Inquiry Request Number
KA Distribution List
Qualifies a list of addresses to which the distribution of something should be made
KB Beginning Kanban Serial Number
KC Exhibit Distribution List
Qualifies a list of addressees to which the distribution of a cited contract exhibit must be made
KD Special Instructions Number
KE Ending Kanban Serial Number
KG Foreclosing Status

KH Type of Law Suit

KI Type of Outstanding Judgment

KJ Tax Lien Jurisdiction

KK Delivery Reference

KL Contract Reference

KM Rental Account Number

KN Census Automated Files ID
An ID given by the U.S. Bureau of the Census to those parties having fulfilled the necessary requirements to be able to file shipper's export declaration data directly with the Census through automated means

KO Customs Drawback Entry Number
A number given to importers by U.S. Customs and Border Protection (CBP) which have filed for "drawbacks," of certain import duties

KP Health Certificate Number
A certificate given by the veterinary authorities regarding the health of animals being shipped

KQ Procuring Agency

KR Response to a Request for Quotation Reference
A discrete number assigned for identification purpose to a response to a request for quotation

KS Solicitation
A discreet number assigned by the purchasing activity to differentiate between different solicitations

KT Request for Quotation Reference
A discrete number assigned for identification purposes to a request for quotation

KU Office Symbol
A number assigned for reference to a specific office within an organization

KV Distribution Statement Code
SEE CODE SOURCE 329

KW Certification
A number, taken from an acquisition regulation, which represents a specific certification that must be made by a prospective vendor before a contract or order can be placed with that vendor

KX Representation
A number, taken from an acquisition regulation, which represents a specific representation that must be made by a prospective vendor before a contract or order can be placed with that vendor

KY Site Specific Procedures, Terms, and Conditions
A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents

KZ Master Solicitation Procedures, Terms, and Conditions
A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents

L0 Collision Industry Electronic Commerce Association (CIECA)
SEE CODE SOURCE 880

L1 Letters or Notes

L2 Location on Product Code

L3 Labor Operation Number
Uniquely identifies the repair actions performed

L4 Proposal Paragraph Number
The place in a proposal where additional information can be found

L5 Subexhibit Line Item Number
A further subdivision of a contract exhibit line item

L6 Subcontract Line Item Number
A further subdivision of a contract line item number

L7 Customer's Release Number
A number which uniquely identifies a release against the customer's purchase order

L8 Consignee's Release Number
A number which uniquely identifies a release against the consignee's purchase order

L9 Customer's Part Number
A unique number assigned by a customer to identify a purchased material

LA Shipping Label Serial Number

LB Lockbox

LC Lease Number

LD Loan Number

LE Lender Entity Number

LF Assembly Line Feed Location

LG Lease Schedule Number

LH Longitude Expressed in Seconds

LI Line Item Identifier (Seller's)

LJ Local Jurisdiction

LK Longitude expressed in Degrees, Minutes and Seconds

LL Latitude Expressed in Seconds

LM Product Period for which Labor Costs are Firm

LN Non Pickup Limited Tariff Number

LO Load Planning Number

LP For Pickup Limited Freight Tariff Number

LQ Latitude Expressed in Degrees, Minutes and Seconds

LR Local Student Identification Number
A student identification number assigned by a local school or school district

LS Bar-Coded Serial Number

LT Lot Number

LU Location Number

LV License Plate Number

LW Location Within Equipment

LX Qualified Products List

LY Destination of Shipment Harmonized-Based Code
Harmonized code of the commodity in the country which is the shipping destination

LZ Lender Account Number

M0 Mexican Pedimento Number

M1 Material Storage Location

M2 Major Force Program
Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund

M3 Crop Year

M5 Lease Agreement Amendment Number - Master

M6 Military Ordnance Security Risk Number
A number that identifies the security risk of transporting arms and ammunition
SEE CODE SOURCE 270

M7 Medical Assistance Category

M8 Limited Partnership Identification Number

M9 Tax Shelter Number

MA Ship Notice/Manifest Number

MB Master Bill of Lading

MC Microfilm Number

MD Magazine Code

ME Message Address or ID

MF Manufacturers Part Number

MG Meter Number

MH Manufacturing Order Number

MI Mill Order Number

MJ Model Number

MK Manifest Key Number

ML Military Rank/Civilian Pay Grade Number

MM Master Lease Agreement Number

MN MICR Number

MO Manufacturing Operation Number

MP Multiple P.O.s of an Invoice

MQ Meter Proving Report Number

MR Merchandise Type Code

MS Manufacturer's Material Safety Data Sheet Number

MT Meter Ticket Number

MU Military Specification (MILSPEC) Number

MV Migrant Number
Number assigned by the National Migrant Records Transfer System

MW Military Call Number
Assigned by the military to identify a billing period

MX Material Change Notice Number

MY Model year number

MZ Maintenance Request Number

N0 Nomination Number
Shipper-assigned bulk product number identifying a request for pipeline transportation services which is used to relate an into-plane delivery to the bulk fuel movement from which it was derived

N1 Local School Course Number

N2 Local School District Course Number

N3 Statewide Course Number
A course number assigned by the state education agency to courses taught in public schools

N4 United States Department of Education, National Center for Education Statistics (NCES) Course Number
A proposed course number to be assigned by NCES to identify a common grouping of subject area content and sequence

N5 Provider Plan Network Identification Number
A number assigned to identify a specific provider in a health care plan network

N6 Plan Network Identification Number
A number assigned to identify a specific health care network that provides health care services to insured members

N7 Facility Network Identification Number
A number assigned to identify a specific facility in a health care plan network

N8 Secondary Health Insurance Identification Number

N9 Data Authentication Number

NA North American Hazardous Classification Number

NB Letter of Credit Number

NC Secondary Coverage Company Number

ND Letter of Credit Draft Number

NE Lease Rider Number
Qualifies a code that identifies the authorizing documentation for a household goods shipment

NF National Association of Insurance Commissioners (NAIC) Code
A unique number assigned to each insurance company
SEE CODE SOURCE 245

NG Natural Gas Policy Act Category Code
SEE CODE SOURCE 122

NH Rate Card Number

NI Military Standard (MIL-STD) Number

NJ Technical Document Number

NK Prior Case

NL Technical Order Number

NM Discounter Registration Number

NN Nonconformance Report Number

NO No OT5 Authority-zero Mileage Rate

NP Partial Payment Number

NQ Medicaid Recipient Identification Number
Unique identification number assigned to each member covered under a subscriber's contract

NR Progress Payment Number

NS National Stock Number

NT Administrator's Reference Number

NU Pending Case

NW Associated Policy Number

NX Related Nonconformance Number

NY Agent Claim Number

NZ Critical Application

O1 Outer Continental Shelf Area Code
The designated code assigned to Outer Continental Shelf (OCS) geographical units for identification purposes

O2 Outer Continental Shelf Block Number
The number corresponding to a U.S. offshore block

O5 OT5 Authority-Condition or Restriction on Car Hire Rate

O7 On-line Procurement and Accounting Control (OPAC) Transaction

O8 Original Filing

O9 Continuation Filing

OA Outlet Number

OB Ocean Bill of Lading

OC Ocean Container Number

OD Original Return Request Reference Number
A sequential number assigned by the originator of the original return request

OE Open and Prepaid Station List Number

OF Operator Identification Number

OG Termination Filing

OH Origin House
Origin House for Canadian Wheat Board

OI Original Invoice Number

OJ Amendment Filing

OK Offer Group

OL Original Shipper's Bill of Lading Number
Number on the Original Bill of Lading assigned by the shipper

OM Ocean Manifest

ON Dealer Order Number

OP Original Purchase Order

OQ Order Number
Qualifies a code that identifies the authorizing documentation for a household goods

OR Order/Paragraph Number

OS Outbound-from Party

OT Sales Allowance Number

OU Tariff Supplement Number

OV Tariff Suffix Number

OW Service Order Number
Number assigned when a customer orders service and equipment and which appears on bill

OX Statement Number

OZ Product Number

P1 Previous Contract Number

P2 Previous Drug Enforcement Administration Number
SEE CODE SOURCE 73

P3 Previous customer reference number

P4 Project Code

P5 Position Code

P6 Pipeline Number
P7 Product Line Number
P8 Pickup Reference Number
P9 Page Number
PA Price Area Number
PB Payer's Financial Institution Account Number for Check, Draft, or Wire Payments; Originating Company Account Number for ACH Transfers
PC Production Code
PD Promotion/Deal Number
PE Plant Number
PF Prime Contractor Contract Number
PG Product Group
PH Priority Rating
PI Price List Change or Issue Number
PJ Packer Number
PK Packing List Number
PL Price List Number
PM Part Number
PN Permit Number
PO Purchase Order Number
PP Purchase Order Revision Number
PQ Payee Identification
PR Price Quote Number
PS Purchase Order Number Suffix
PT Purchase Option Agreement
PU Previous Bill of Lading Number
PV Product change information number
PW Prior purchase order number
PX Previous Invoice Number
PY Payee's Financial Institution Account Number for Check, Draft or Wire Payments; Receiving Company Account Number for ACH Transfer
PZ Product Change Notice Number
Q1 Quote Number
Q2 Starting Package Number
The beginning package number in a shipment or container of numbered packages
Q3 Ending Package Number
The ending package number in a shipment or container of numbered packages
Q4 Prior Identifier Number
Q5 Property Control Number
Q6 Recall Number
Q7 Receiver Claim Number
Q8 Registration Number
Code describing which type of registration is being submitted

Q9 Repair Order Number
Repairing outlet's unique order number

QA Press Identifier

QB Press Form Identifier

QC Product Specification Document Number
Model designation of replacement component

QD Replacement Drug Enforcement Administration Number
SEE CODE SOURCE 73

QE Replacement Customer Reference Number

QF Quality Disposition Area Identifier

QG Replacement Assembly Model Number

QH Replacement Assembly Serial Number
Serial number of replacement component

QI Quality Inspection Area Identifier

QJ Return Material Authorization Number

QK Sales Program Number
Identifies specific sales program/promotion

QL Service Authorization Number
Identifies pre-authorized submittal or payment of a claim

QM Quality Review Material Crib Identifier

QN Stop Sequence Number

QO Service Estimate Number
Code that identifies special handling requirements

QP Substitute Part Number

QQ Unit Number

QR Quality Report Number

QS Warranty Coverage Code
Number of code identifying length and terms of the coverage

QT Warranty Registration Number

QU Change Verification Procedure Code
Description of procedures required to verify that the change made to the product accomplishes the desired effect

QV Major System Affected Code

QW New Part Number

QX Old Part Number

QY Service Performed Code
Number indicating the type of service performed to repair a product

QZ Reference Drawing Number

R0 Regiristo Federal de Contribuyentes (Mexican Federal Tax ID Number)

R1 Current Revision Number

R2 Canceled Revision Number

R3 Correction Number

R4 Tariff Section Number

R5 Tariff Page Number

R6 Tariff Rule Number

R7 Accounts Receivable Open Item
R8 Rental Agreement Number
R9 Rejection Number
SEE CODE SOURCE 715
RA Repetitive Cargo Shipment Number
RB Rate code number
RC Rail Routing Code
RD Reel Number
RE Release Number
RF Export Reference Number
RG Route Order Number-Domestic
RH Route Order Number-Export
RI Release invoice number for prior bill and hold
RJ Route Order Number-Emergency
RK Rack Type Number
RL Reserve Assembly Line Feed Location
RM Raw material supplier Dun & Bradstreet number
RN Run Number
RO Repetitive Booking Number
SEE CODE SOURCE 188
RP Repetitive Pattern Code
RQ Purchase Requisition Number
RR Payer's Financial Institution Transit Routing Number for Check, Draft or Wire Payments. Originating Depository Financial Institution Routing Number for ACH Transfers
RS Returnable Container Serial Number
RT Payee's Financial Institution Transit Routing Number for Check, Draft or Wire Payments. Receiving Depository Financial Institution Transit Routing Number for ACH Transfers
RU Route Number
RV Receiving Number
RW Repetitive Waybill Code (Origin Carrier, Standard Point Location Code, Repetitive Waybill Code Number)
RX Resubmit number
RY Rebate Number
RZ Returned Goods Authorization Number
S0 Special Approval
S1 Engineering Specification Number
S2 Data Source
S3 Specification Number
S4 Shippers Bond Number
Number differentiating between shipper's bond movements by intermodal shippers and ocean carriers and in-bond movements which default to the carrier's bond
S5 Routing Instruction Number
Directions for Claim Routing
S6 Stock Number
S7 Stack Train Identification

S8 Seal Off Number
S9 Seal On Number
SA Salesperson
SB Sales Region Number
SC Shipper Car Order Number
SD Subday Number
A sequential number denoting the order of meter readings taken during a single day, assigned by the party responsible for the measurement of gas at the meter
SE Serial Number
SF Ship From
SG Savings
SH Sender Defined Clause
SI Shipper's Identifying Number for Shipment (SID)
A unique number (to the shipper) assigned by the shipper to identify the shipment
SJ Set Number
SK Service Change Number
SL Sales/Territory Code
SM Sales Office Number
SN Seal Number
SO Shipper's Order (Invoice Number)
SP Scan Line
SQ Container Sequence Number
SR Sales Responsibility
SS Split Shipment Number
ST Store Number
SU Special Processing Code
SV Service Charge Number
SW Seller's Sale Number
SX Service Interrupt Tracking Number
SY Social Security Number
SZ Specification Revision
T0 Dealer Type Identification
T1 Tax Exchange Code
T2 Tax Form Code
T3 Tax Schedule Code
T4 Signal Code
Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund
T5 Trailer Use Agreements
T6 Tax Filing
T7 Affected Subsystem Code
T8 Description of Change Code
T9 Documentation Affected Number
TA Telecommunication Circuit Supplemental ID

TB Trucker's Bill of Lading
TC Vendor Terms
TD Reason for Change
TE Federal Maritime Commission (FMC) Tariff Number
TF Transfer Number
TG Transportation Control Number (TCN)
TH Transportation Account Code (TAC)
TI TIR Number
TJ Federal Taxpayer's Identification Number
TK Tank Number
TL Tax License Exemption
TM Travel Manifest (ACI or OTR)
TN Transaction Reference Number
TO Terminal Operator Number
TP Test Specification Number
TQ Tracer Action Request Number
TR Government Transportation Request
TS Tariff Number
TT Terminal Code
A code assigned by a transportation carrier that identifies a freight terminal
TU Trial Location Code
To identify one of a group of possible sites within a system or set of systems where an engineering change is to be modeled and tested before proceeding to install the change on all possible sites; the change may have been specified by a service bulletin
TV Line of Business
Indicates the nature of policy coverage; examples of line of business include fire, homeowners, flood and earthquake
SEE CODE SOURCE 244
TW Tax Worksheet
TX Tax Exempt Number
TY Policy Type
The type of policy being billed; examples of policy type include Package Policy and Forced Placed
SEE CODE SOURCE 246
TZ Total Cycle Number
A complete set of events occurring in the same sequence
U0 Consolidator's Receipt Number
U1 Regional Account Number
A number provided by the customer that is used to identify the customer across states or regional areas
U2 Term
Indicates the college or university period for which permission is requested
U3 Unique Supplier Identification Number (USIN)
U4 Unpaid Installment Reference Number
U5 Successor Account
U6 Predecessor Account

U8 Mortgage Backed Security (MBS) Loan Number
U9 Mortgage Backed Security (MBS) Pool Number
UA Mortgage Number
The number that identifies the type of mortgage loan
UB Unacceptable Source Purchaser ID
UC Mortgage Insurance Indicator Number
Specifies the type of insurance coverage for the mortgage loan
UD Unacceptable Source DUNS Number
UE Secondary Coverage Certificate Number
UF Mortgage Insurance Company Number
UG U.S. Government Transportation Control Number
UH Removal Number
Identifies the reason a mortgage is removed from default status reporting
UI Previous Course Number
UJ Current or Latest Course Number
UK Equivalent Course Number at Requesting Institution
UL Cross-listed Course Number
UM Quarter Quarter Section Number
An identifier of 1/16 portion of a section
UN United Nations Hazardous Classification Number
UO Quarter Quarter Spot Number
An identifier of 1/64 portion of a section
UP Upstream Shipper Contract Number
UQ Section Number
The number corresponding to a section within a township and range
UR Unit Relief Number
A supplemental contract number applying to per diem relief on equipment
US Unacceptable Source Supplier ID
UT Unit Train
UU Township Number
UV Range Number
An identifier corresponding to a range within a township
UW State Senate District
UX State Assembly District
UY Federal National Mortgage Association (Fannie Mae) Loan Number
UZ State Legislative District
V0 Version
V1 Volume Purchase Agreement Number
V2 Visa Type
SEE CODE SOURCE 459
V3 Voyage Number
V4 State Department I-20 Form Number
V5 State Department IAP-66 Form Number
V6 North American Free Trade Agreement (NAFTA) Compliance Number
The North American Free Trade Agreement (NAFTA) compliance number is assigned by the

U.S. Government and identifies the producer of goods

V7 Judicial District

V8 Institution Number

V9 Subservicer

VA Vessel Agent Number

VB Department of Veterans Affairs Acquisition Regulations (VAAR)
SEE CODE SOURCE 80

VC Vendor Contract Number

VD Volume Number

VE Vendor Abbreviation Code

VF Vendor Change Identification Code
Vendor's product change notice number

VG Vendor Change Procedure Code
Vendor's name and document number for the affected change procedure

VH County Legislative District

VI Pool Number

VJ Investor Note Holder Identification

VK Institution Note Holder Identification

VL Third Party Note Holder Identification

VM Ward

VN Vendor Order Number

VO Institution Loan Number

VP Vendor Product Number
A unique number assigned by a vendor or manufacturer to identify its products

VQ Related Contract Line Item Number

VR Vendor ID Number

VS Vendor Order Number Suffix

VT Motor Vehicle ID Number

VU Preparer's Verification Number

VV Voucher

VW Standard

VX Value-Added Tax Registration Number (Europe)

VY Link Sequence Number

VZ Sponsor's Reference Number
A unique number that references a reported test to a particular sponsor

W1 Disposal Turn-In Document Number
Identifies material submitted for reutilization and marketing

W2 Weapon System Number
Identifies a weapon system

W3 Manufacturing Directive Number
Identifies the Management Control Activity and contract associated with government furnished material transactions

W4 Procurement Request Number
Identifies a transaction resulting in a contract established to provide material

W5 Inspector Identification Number
Identifies the manufacturer's material inspector

W6 Federal Supply Schedule Number
Identifies an item with a two-digit group number, two-digit part number, and one-character section letter

W7 Commercial and Government Entity (CAGE) Code
Code that identifies a commercial contractor authorized to do business with the U.S. Government

W8 Suffix
Differentiates between partial actions taken on the original transaction

W9 Special Packaging Instruction Number
Number assigned to distinguish between special packaging instruction specifications

WA Labor or Affiliation Identification

WB American Petroleum Institute (API) Well
SEE CODE SOURCE 261

WC Contract Option Number
The number of contract option years remaining on the current contract

WD Review Period Number
An indicator representing the period of time before which an action will occur

WE Well Classification Code
SEE CODE SOURCE 261

WF Locally Assigned Control Number

WG Vendor's Previous Job Number

WH Master Reference (Link) Number

WI Waiver

WJ Pre-Award Survey

WK Type of Science Code
SEE CODE SOURCE 437

WL Federal Supply Classification Code
SEE CODE SOURCE 410

WM Weight Agreement Number

WN Well Number

WO Work Order Number
Number assigned for work including material and labor beyond normal work required to fulfill a service order

WP Warehouse Pick Ticket Number

WQ Interim Funding Organization Loan Number

WR Warehouse Receipt Number

WS Warehouse storage location number

WT Broker's Reference Number

WU Vessel

WV Dealer Identification

WW Depository Trust Company Identification

WX Distributor's Account Identification

WY Waybill Number

WZ Distributor's Representative Identification

X0 Debtor's Account

X1 Provider Claim Number
X2 Specification Class Number
X3 Defect Code Number
X4 Clinical Laboratory Improvement Amendment Number
X5 State Industrial Accident Provider Number
X6 Original Voucher Number
X7 Batch Sequence Number
X8 Secondary Suffix Code Indicator
Secondary indicator to differentiate between partial actions taken on the original transaction, e.g., identify a parent-child relationship
X9 Internal Control Number
Number assigned by the managing office to provide internal processing information
XA Substitute National Stock Number
A national stock number that can take the place of another
XB Substitute Manufacturer's Part Number
A manufacturer's part number that can take the place of another
XC Cargo Control Number
XD Subsistence Identification Number
Item identifier is a brand-name resale subsistence item
XE Transportation Priority Number
Number indicating the level of government priority associated with the transportation of a shipment
XF Government Bill of Lading Office Code
XG Airline Ticket Number
XH Contract Auditor ID Number
XI Federal Home Loan Mortgage Corporation Loan Number
Assigned by the Federal Home Loan Mortgage Corporation (FHLMC) to each FHLMC loan
XJ Federal Home Loan Mortgage Corporation Default/Foreclosure Specialist Number
Assigned by the Federal Home Loan Mortgage Corporation (FHLMC) to a FHLMC agent processing the default and foreclosure reports
XK Mortgagee Loan Number
XL Insured's Loan Number
XM Issuer Number
XN Title XIX Identifier Number
Identifies the state in which the individual is eligible for Medicaid.
XO Sample Number
XP Previous Cargo Control Number
XQ Pier Number
XR Railroad Commission Record Number
SEE CODE SOURCE 403
XS Gas Analysis Source Meter Number
XT Toxicology ID
XU Universal Transverse Mercator - North
XV Universal Transverse Mercator - East
XW Universal Transverse Mercator - Zone
XX Rating Period

XY Other Unlisted Type of Reference Number
XZ Pharmacy Prescription Number
Y0 Debtor
Y1 Claim Administrator Claim Number
Y2 Third-Party Administrator Claim Number
Y3 Contract Holder Claim Number
Y4 Agency Claim Number
Y5 Delivery Trailer Manifest
Unique identification number assigned by the delivery carrier or an agent for that carrier
Y6 Sort and Segregate
Y8 User ID
Y9 Current Certificate Number
YA Prior Certificate Number
YB Revision Number
YC Tract
YD Buyer Identification
YE Railroad Commission Oil Number
YF Lessee Identification
YH Operator Assigned Unit Number
YI Refiner Identification
YJ Revenue Source
YK Rent Payer Identification
YL Allowance Recipient Identification
YM Resource Screening Reference
YN Receiver ID Qualifier
YO Formation
YP Selling Arrangement
YQ Minimum Royalty Payer Identification
YR Operator Lease Number
YS Yard Position
Location where equipment has been placed in a yard, parking lot, etc.; may be stall number, row/slot, etc.; defined by sender
YT Reporter Identification
YV Participating Area
YW Engineering Change Proposal
YX Geographic Score
YY Geographic Key
YZ Geographic Index
Z1 Safety of Ship Certificate
Number of a document guaranteeing the safety of a ship
Z2 Safety of Radio Certificate
Number of a document guaranteeing the safety of radio equipment on board a vessel
Z3 Safety Equipment Certificate
Number of a document specifying and guaranteeing the safety equipment on board a vessel

Z4 Civil Liabilities of Oil Certificate
Number of a document certifying the civil liabilities of oil on board a vessel

Z5 Load Line Certificate
Number of a document specifying the depth to which a vessel should sink when properly loaded

Z6 Derat Certificate
Number of a document guaranteeing that a vessel has been freed of rats

Z7 Maritime Declaration of Health
Number of a document declaring the health conditions of a ship

Z8 Federal Housing Administration Case Number
The unique loan number assigned by the Federal Housing Administration (FHA) to each FHA loan

Z9 Veterans Affairs Case Number
The unique loan number assigned by the Veterans Affairs (VA) to each VA loan

ZA Supplier

ZB Ultimate Consignee

ZC Connecting Carrier

ZD Family Member Identification

ZE Coal Authority Number

ZF Residue Indicator Code

ZG Sales Representative Order Number

ZH Carrier Assigned Reference Number

ZI Reference Version Number

ZJ Universal Railroad Revenue Waybill Identified Number (URRWIN)

ZK Duplicate Waybill in Route

ZL Duplicate Waybill Not in Route

ZM Manufacturer Number
Number that identifies a manufacturer, typically a Commercial and Government Entity (CAGE) code, and contributes to the uniqueness of a product identification

ZN Agency Case Number

ZO Makegood Commercial Line Number

ZP Spouse Tie
A reference number used to relate the assets and or liabilities of two married residential loan applicants to each other

ZQ Non-Spouse Tie
A reference number used to relate the assets and or liabilities of two unmarried residential loan applicants to each other

ZR Supplier (Replacement)
Number that identifies a replacement supplier typically a Commercial and Government Entity (CAGE) code, and contributes to the uniqueness of a product identification from a replacement supply source

ZS Software Application Number

ZT Milling in Transit

ZU Field
Name assigned by a regulatory agency which describes a producing oil or gas field

ZV Block
Number assigned by a regulatory agency which describes a producing oil or gas offshore

area

ZW Area
Number assigned by a regulatory agency which describes a producing oil or gas area

ZX County Code

ZY Referenced Pattern Identification

ZZ Mutually Defined

01A Catalog of Federal Domestic Assistance

01B Union Agreement

01C Military Standard Requisitioning and Issue Procedures (MILSTRIP) Document Number

01D Federal Standard Requisitioning and Issue Procedures (FEDSTRIP) Document Number

01E Federal Supply Schedule Special (FSS) Item Number

01G Payment Related Clause

01H Special Price Authorization Number

AAA Distributor's Split Agent Number

AAB Fund Manager's Reference Number

AAC Agency Hierarchical Level

AAD Officer License Number

AAE Previous Distributor Number

AAF Interviewer ID

AAG Military ID

AAH Option Policy Number

AAI Payroll Account Number

AAJ Prior Contract Number

AAK Worksite Number

AAL Agent Number

AAM Treaty Identifier
Number identifying the reinsurance arrangement authorizing this activity

AAN Associated Case Control Number

AAO Carrier Assigned Code

AAP Dealer Number

AAQ Directory Number

AAR Distributor Assigned Transaction Number

AAS Distributor Assigned Order Number

AAT Distributor's Account Number

AAU General Agency Number

AAV Laboratory Number

AAW Agency Assigned Number

AAX List Bill Number

AAY Accounting Period Reference

AAZ Paramedical ID Number

ABA Payroll Number

ABB Personal ID Number

ABC Policy Link Number

ABD Secondary Policy Number

ABE Special Quote Number
ABF National Property Registry System Level 1
ABG National Property Registry System Level 2
ABH Investor Assigned Identification Number
ABI Motor Fuel Certificate Number
ABJ Ginnie Mae (Government National Mortgage Association) Pool Package Number
ABK Mortgage Electronic Registration System Organization Identifier
ABL Seller Loan Number
ABM Sub-Servicer Loan Number
ABN National Property Registry System Level 3
ABO State Hazardous Waste Entity Identifier
ABP Bankruptcy Procedure Number
Number assigned to Bankruptcy procedure used in various European countries
ABQ National Business Identification Number
Number assigned by a government regulatory agency to uniquely identify a business; differs by country
ABR Prior Data Universal Number System (D-U-N-S) Number, Dun & Bradstreet
ABS Vessel Name
ABT Security Instrument Number
ABU Assignment Recording Number
ABV Book Number
ABW Business Tax Number
ABX North American Industrial Classification System Code-2
SEE CODE SOURCE 672
ABY Standard Unique Health Plan Identifier (HPID)
SEE CODE SOURCE 540
ABZ Employment Visa
ACA Growth Factor Reference
ACB Region
ACC Status
ACD Class Code
ACE Service Request Number
ACF Supplement Number
ACG Previous Ticket Number
ACH One Call Agency Ticket Number
A unique identifier used to identify a One Call Agency ticket
ACI Ticket Number
ACJ Bill of Material Revision Number
ACK Drawing Revision Number
ACL Application Transaction Reference Number
ACM Related Object Identification Number
ACN Common Access Reference Number
Reference serving as a key to relate all subsequent data transfers to the same business or case file

ACO First Transfer Number
Indication used for the first in a sequence of transaction sets related to the same topic; can only appear once at the start of the sequence

ACP Continuous Transfer Number
Indication used for any transaction set, other than the first or last, indicating the transfer sequence of transaction sets related to the same topic; may appear zero or more times within the sequence

ACQ Last Transfer Number
Indication used for the last in a sequence of transaction sets related to the same topic; can only appear once at the end of the sequence

ACR Automated Clearinghouse (ACH) Return/Notification of Change (NOC) Code

ACS Society of Property Information Compilers and Analysts
SEE CODE SOURCE 573

ACT Accounting Code

ACU Permanent Resident Card C2

ACV Agency Assigned Employee ID

ACW Passport

ACX Unemployment Insurance Number

ACY North American Industrial Classification System Code-1
SEE CODE SOURCE 672

ACZ Occupation Code
SEE CODE SOURCE 156

ADA Agency for International Development Acquisition Regulation (AIDAR)
SEE CODE SOURCE 80

ADB Master Property Number

ADC Project Property Number

ADD Unit Property Number

ADE Associated Property Number

ADF Associated Number For Limited Common Element Parking

ADG Associated Number For Unit Parking

ADH Associated Number For Joined Unit not re-subdivided

ADI Processor Identification Number

ADJ Occupation Classification Code
SEE CODE SOURCE 156

ADK Employee Tax Filing Status Code
SEE CODE SOURCE 673

ADL Insured Location Identifier

ADM Air Dimension Code

ADN Self Insurance Identification Number

ADO Self Insurer Organization Type
SEE CODE SOURCE 669

ADP Self Insurer Authorization Type Code
SEE CODE SOURCE 670

ADQ County Business Registration Number

ADR Postal Template Identifier

ADS Reduced Earning Week Identifier

ADT Full Denial Reason Identifier
SEE CODE SOURCE 671

ADU Federal Energy Regulatory Commission Certificate of Public Convenience

ADV Suspension Identifier

ADW Managed Care Organization Code
Identifies Managed Care Organizations by the "Scope of Services" being provided
SEE CODE SOURCE 668

ADX Managed Care Organization Identification Number

ADY Public Utilities Commission Certificate of Public Convenience

ADZ Retail Merchant's Certification Number

AEA Numero de Cedula de Identidad (CIN) Number
Number assigned to a business in parts of Latin America

AEB Company's Registry Office (CRO) Number
Number assigned to a business in Great Britain and Ireland

AEC Government Registration Number

AED Judicial Number

AEE Numero de Identificacion Tributaria (NIT)
Number assigned to a business in parts of Latin America

AEF U.S. Passport Card

AEG Patron Number
Type of Business identification number used in parts of Latin America

AEH Registro Informacion Fiscal (RIF)
Number assigned to a business in Venezuela

AEI Registro Unico de Contribuyente (RUC)
Number assigned to a business in parts of Latin America

AEJ Superintendencia de Inversiones Extranjeras (SIEX) Number
Number assigned to an individual in parts of Latin America

AEK Tokyo Shoko Research Business Identifier

AEL Registro Nacional de Contribuyente (RNC)
Number assigned to a business in parts of Latin America

AEM Distribution Center Number

AEN Institute of Security and Future Market Development (ISFMD) Serial Number
Number used in Taiwan for a public but not listed company

AEO Public Deed Number
Number used in Latin America for certain public filings

AEP Stock Exchange Code

AEQ Secretary of State Assigned Identification Number

AER Department Where Injury Occurred Identification

AES Bureau of Labor and Statistics Schedule Identifier

AET State Charter Number

AEU Employee/Non-Employee Classification Qualifier

AEV Full Time/Part Time Employee Classification Qualifier

AEW NEXUS Card

AEX Premium Audit Priority Identifier

AEY Premium Audit Purpose Identifier

AEZ Premium Audit Type Identifier

AFA Split Premium Audit Change Identifier

AFB Subline of Insurance

AFC Verification Source Code
AFD Underwriting Alert Reference Code
AFE Commercial/Private Passenger Vehicle Qualifier
AFF Vehicle Business Use Qualifier
AFG Vehicle Size Class Qualifier
AFH Vehicle Radius of Operation Qualifier
AFI Trailer Type Qualifier
AFJ State Sales Tax Identification Number
AFK Card Issuer Transaction Code
AFL Card Billing Type Code
AFM Client Company Code
AFN Merchant Category Code (MCC)
SEE CODE SOURCE 697
AFO Card Account Type Code
AFP Card Account Status Code
AFQ Card Account Reporting Level
AFR Card Account Reporting Identifier
AFS American Osteopathic Association (AOA) Certification Number
AFT Fee Schedule Identifier
AFU United States Standard Metropolitan Statistical Area (MSA) Code
SEE CODE SOURCE 221
AFV State Controlled Substance License Number
AFW Point of Origination
AFX Point of Destination
AFY Assessment Number
AFZ Certificate Number
AGA State or Province Assigned Business Registry Number
AGB Municipality Assigned Business Registry Number
AGC Clave Unica de Identificacion Tributaria (CUIT)
Tax Identification number in Argentina
AGD Registro Unico Tributario (RUT)
Tax Identification number in Chile
AGE Age Limits ID
Allows the source to identify the list identifier of a list of drugs that have age limitations for the associated patient
AGG Alternatives Groups ID
Allows the source to identify the list identifier of a list of drugs and its alternative groups id with the associated formulary status for the patient
AGH Lender Use
AGI Guarantor Use
AGJ School Use
AGK Reservation System Code
AGL Order Origination Code
AGM Folio Number
AGN Corporate Identification Code

AGO Cadastro Geral do Contribuinte (CGC)
Taxpayer number in Brazil

AGP Conjunction Travel Ticket

AGQ List Tracking Identifier

AGR U.S. Alien Registration Card A1

AGS Permanent Resident Card (1998-2003) C1

AGT Visa Non-Immigrant

AGY Agency Disbursing Identifier Code
SEE CODE SOURCE 529

AGZ Agency Accounting Identifier
SEE CODE SOURCE 529

AHC Air Handling Code

AHD Record Control Document Number
Identifies the property Record Control Document Number

AHE Property Loss Case Number
Identifies the Property Loss Case Number

AHF Proof of Disposal Number
Identifies the Proof of Disposal number

AHG Commercial Asset Visibility (CAV) uses this code to identify the Advanced Traceability and Control (ATAC)
According to DoD Policy, supports government asset visibility actions

AHH Used to indicate the DoD Manifest Page Number
According to DoD Policy, supports processing of hazardous waste disposal

AHJ Used to indicate the DoD Provisioning Control Number (PCCN)
According to DoD policy, used to identify the cataloging information

AHK Used to send the information of the part, material, or software that is no longer produced or supported by its original manufacturer, potentially impacting the life cycle support of the weapon system or equipment. (i.e. B52 window)
According to DoD Policy, supports government supply transactions

AHL Manufacturer Assigned Drawing Number
This is different and in addition to a drawing number. The DoD needs to send multiple references to a drawing number. This will be used for sending information about Tech Data.

AHM Supply Condition Code
Used to indicate DoD Supply Condition Code. (Note - this code does exist in date element 1270 but due to the nature of the data being exchanged, no LQ segment exists for use.)
SEE CODE SOURCE 350

AID Automated Commercial Environment (ACE) ID

AIG Active Ingredient Group Number
SEE CODE SOURCE 956

AIN Assemblage Identification Number
A system generated number used in combination with the Build Directive Number for internal control of component control numbers being applied to a particular medical or industrial kit or assembly
SEE CODE SOURCE 350

ALC Agency Location Code

ALG Title Company Code Book Reference

ALH Title Document Schedule

ALI Recording Number

ALJ Title Policy Number

ALK Alternatives Links ID
Allows the source to identify the list identifier of a list of drugs and its alternative links with the associated formulary status for the patient

ALL All Code Values Supported Identifier

ALR U.S. Alien Registration Card A2

ALS Alternative List ID
Allows the source to identify the list identifier of a list of drugs and it's alternative drugs with the associated formulary status for the patient

ALT Alteration Number

ALV Secure Electronic Network for Travelers Rapid Inspection (SENTRI) Card

ALX U.S. Merchant Mariner Document

ALY Native American Indian/INAC (Indian and Northern Affairs Canada)

ANI U.S. Customs and Border Protection (CBP) Assigned Importer Identifier

ANT Anatomical Therapeutic Chemical (ATC) Classification Code

APC Ambulatory Payment Classification
SEE CODE SOURCE 468

API American Petroleum Institute (API) Deduction Code
SEE CODE SOURCE 261

ARN Automated Broker Interface (ABI) Routing Number

ASL Atomic Safety and Licensing Board Panel (ASLBP) Number
Uniquely identifies a specific administrative law court panel

ASP Animal Species

AST Animal Strain

ATC Maintenance Availability Type

ATH American Hospital Formulary System (AHFS) Classification Code

ATI Alternatives Triggers ID
Allows the source to identify the list identifier of a list of drugs and its alternative trigger drugs with the associated formulary status for the patient

AVT Availability Type
SEE CODE SOURCE 529

BAA Franchise Tax Account Number

BAB Certificate of Incorporation Number

BAC Beam Assembly Code

BAD State Tax Identification Number

BAE Charter Number

BAF Receipt Number

BAG Withdrawal Account Number

BAH Deposit Account Number

BAI Business Identification Number

BAJ United States Postal Service (USPS) PLANET (PostaL AlphaNumEric coding Technique) Code

BAK Address Correction Service (ACS) Participation Code

BCI Basic Contract Line Item Number

BCN Birth Certificate Number

BCP Laser Visa Border Crossing Card

BDG Badge Number

BDN Build Directive Number
The specific initiative identifier to build medical surgical sets

BED Downstream Service Provider's Activity Code
The service provider's code for the activity for the party on the downstream service provider who is receiving the quantities from the Transportation Service Provider

BEN Broker Entry Number

BET Business Event Type Code
SEE CODE SOURCE 529

BEU Upstream Service Provider's Activity Code
The service provider's code for the activity for the party on the upstream service provider who is supplying the quantities to the Transportation Service Provider

BIC U.S. Customs and Border Protection (CBP) Bond Activity Reference

BIN U.S. Customs and Border Protection (CBP) Bond Identifier

BKD Canada Border Service Agency (CBSA) Participant Number

BKT Bank Telegraphic Number

BLI Budget Line Item
SEE CODE SOURCE 529

BLT Billing Type

BMM Begin Mile Marker

BOI Binary Object Identifier

CAA Accident History Identifier

CAB Chemical Identifier

CAC Discharge Point Identification

CAD Emission Unit Identification Number

CAE Facility Federal Identification Number

CAF Latitude Expressed in Decimal Degrees

CAG Longitude Expressed in Decimal Degrees

CAH Office of Regulatory Information Systems (ORIS) Code

CAI Process Identifier

CAJ Stack Identification Number

CAK Facility State Identification Number

CAL U.S. Environmental Protection Agency (EPA) Hazardous Waste Code

CAM U.S. Environmental Protection Agency (EPA) Identification Number

CAT Category Identifier

CBG Census Block Group

CBI Capacity Block ID
Assigned identifier which uniquely identifies the shipper's primary point rights and, where applicable, any contracted path

CCD Compounding Bases
Base products for compounding with chemicals for preparation of specific dosage forms. Examples: Creams gels, paste suppository, oral etc.

CCH Compounding Chemical
The chemicals used for the preparation of drug products for compounding in the pharmacy. These include but not limited precursors. Includes active ingredients, flavors, excipients, coloring. Examples: Raw forms of Diclofenac or Cellulose.

CDN Citizenship Document Number
CDT Contracting District Type Code
CED Canada Border Services Agency (CBSA) Export Declaration Number
CEN Census Exemption Number
CER Canada Border Services Agency (CBSA) Exemption Reference ID
CES Canada Border Services Agency (CBSA) Export Summary Reporting ID
CFI Canadian Food Inspection Agency (CFIA) Product Code
SEE CODE SOURCE 943
CFR Federal Regulation
CHR Chromatograph Identifier
CID Campus Identification Number
CIN U.S. Customs and Border Protection (CBP) Assigned Consignee Identifier
CIR Circuit Number
CIT Citation
CLI Coverage List ID
Allows the source to identify the list identifier of a list of drugs that have coverage limitations for the associated patient
CMH Carrier or Merchant Intermodal International Haulage Identification
CMN Continuous Move Number
CMP Customer Maintenance Period Sequence Number
CMT Component
CNA Assembly Control Number
The specific medical assembly number permanently assigned to each Assembly Set by the requisitioning service for identification and control of a medical/surgical set.
CNF Canadian Nutrient File (CNF) Health Canada Food Code
Code assigned and maintained by Health Canada that provides a food's nutrient information. This is used for food composition information that applies to regulatory nutrition information.
SEE CODE SOURCE 990
CNO Commitment Number
CNS Canadian National Student Number
CNV Conveyance ID
COL Collocation Indicator
CON Certificate of Naturalization ID
COT Certificate of Transportation
CPA Canadian Province Operating Authority Number
CPD Discrepant Container Packaging Number
CPN Correct Policy Number
CPR Required Container Packaging Number
CPS Copay Product Specific ID
Allows the source to identify the list identifier of a list of drugs that have specific product copays for the associated patient
CPT Current Procedural Terminology Code
SEE CODE SOURCE 133
CRI Cross Reference ID
Allows the source to identify the list identifier of a list of drugs that have cross reference identified limitations for the associated patient

CRN Casualty Report Number
CRS Casualty Report Serial Number
CSC CS54 Key Train Indicator Code
CSG CS54 Key Train Indicator Group Name
CSI Copay Summary ID
Allows the source to identify the list identifier of a list of drugs that have a copay summary for the associated patient
CSK Census Schedule K Code
CST Census State Code
CTS Census Tract Suffix
CUB U.S. Customs and Border Protection (CBP) Bill of Lading Number
CVI Code Value Identifier
CVS Commercial Vehicle Safety Assurance Number
CYC Periodicity Code
CYI Cycle Indicator
Associates information to the applicable gas nomination cycle
DAI District Assigned ID
DAN Delivery Appointment Number
DAY Days
DEA Drug Enforcement Agency (DEA) Certificate
DEI Data Element Identifier
DEL Product Exclusion List ID
DEM Demilitarization Code
Identifies the requirements for removal of military characteristics from an item. FLIS Technical Procedures, Volume 10, Table 38.
DEX Drug Exclusion
Code indicating which drug exclusion list should be used when identifying drug exclusions.
DHH Department of Health and Human Services Acquisition Regulation (HHSAR)
SEE CODE SOURCE 80
DID Discount Identifier
DIN Drug Identification Number
SEE CODE SOURCE 874
DIP Drug Identification Number for Homeopathic Medicine (DIN-HM)
The DIN-HM is used to comply to the Health Canada regulatory identification requirements
DIS District Number
DNR Deposit Number
DNS D-U-N-S+4, D-U-N-S Number with Four Character Suffix
SEE CODE SOURCE 16
DOA Department of Agriculture Acquisition Regulation (AGAR)
SEE CODE SOURCE 80
DOC Department of Commerce Acquisition Regulation (CAR)
SEE CODE SOURCE 80
DOE Department of Energy Acquisition Regulation (DEAR)
SEE CODE SOURCE 80
DOI Department of Interior Acquisition Regulation (DIAR)
SEE CODE SOURCE 80

DOJ Department of Justice Acquisition Regulation (JAR)
SEE CODE SOURCE 80

DOL Department of Labor Acquisition Regulation (DOLAR)
SEE CODE SOURCE 80

DON Density Order Number

DOS Department of State Acquisition Regulation (DOSAR)
SEE CODE SOURCE 80

DOT Department of Transportation Acquisition Regulation (TAR)
SEE CODE SOURCE 80

DRC Dispute Resolution Corporation Number
Identifier assigned by DRC for tracking a fruit and vegetable industry dispute, including condition, contract and payment issues.
SEE CODE SOURCE 976

DRN Drainhole Number

DSC Departure from Specification Class Code
SEE CODE SOURCE 533

DSI Departure from Specification Number

DST Departure from Specification Type Code
SEE CODE SOURCE 533

DTN U.S. Department of Transportation (DOT) Tire Identification Number (TIN)
A thirteen-symbol identifier assigned to a new tire by the manufacturer. The symbols (characters) are labeled on the sidewall of a tire.

DTS Department of the Treasury Acquisition/Procurement Regulation (TAPR)
SEE CODE SOURCE 80

DUN D-U-N-S Number Dun & Bradstreet
SEE CODE SOURCE 16

E00 Course Section Number

E01 Non-Teaching Credential Field Codes
SEE CODE SOURCE 877

E02 Classification of Instructional Programs (CIP) Codes
SEE CODE SOURCE 876

ECA Fund Identifier

ECB Ballot Identifier

ECC Legislative Identification Number

ECD Lobbied Activity Identifier

ECE Petition Number

ECF Related Form Number

ECJ Carrier's Bond Number Covering Instruments of International Traffic (IIT)

ECN Export Control Classification Number (ECCN)
SEE CODE SOURCE 957

EDA Department of Education Acquisition Regulation (EDAR)
SEE CODE SOURCE 80

EID Department of Defense Enterprise Identifier
An activity identifier code assigned to the entity that is responsible for assigning a unique item identifier to an item

EII Importer's Bond Number Covering Instruments of International Traffic (IIT)

EMM End Mile Marker

END Endorsement Number

EPA Environmental Protection Agency Acquisition Regulation (EPAAR)
SEE CODE SOURCE 80

EPB Environmental Protection Agency Transporter Identification Number

EPC Employer Payroll Code Lists
SEE CODE SOURCE 892

EPN Tag Serial Number
An optional serial number assigned to a radio frequency identification tag by the tag manufacturer, which is located in the Tag Identifier (TID) memory location of Tag Memory

ESN Estimate Sequence Number

EVI Event Identification

EXA Export Declaration Exemption - U.S. Territories
Used to report the exclusion of shipments outbound from the U.S. or U.S. Virgin Islands or Puerto Rico to the following U.S. territories: American Samoa/AS, Guam, GU And Northern Mariana Islands/MP. Also applies to shipments From U.S. Virgin Islands to Puerto Rico or U.S. per 15CFR§30.2(d)(2)

EXB Export Declaration Exemption - Canada
Used to report the exemption for shipments originating in the U.S. (including Puerto Rico when the Country code is U.S.) destined for Canada. Exemption does not apply to shipments sent for storage in Canada, but ultimately destined for 3rd countries per 15CFR§30.36

EXC Export Declaration Exemption - Limited Value
Used to report the exemption for shipments valued at USD $2500 or less per Schedule B/ Harmonized Tariff Schedule of the United States Annotated (HTSUSA) Classification for commodities shipped from one U.S. principal party in interest (USPPI) to one consignee on a single export carrier on a single day per 15CFR§30.37(a)

EXD Export Declaration Exemption - Technology
Used to report the exemption for export of technology and software as defined in EAR 15 CFR 772 That does not require an export license. Electronic export information is required for mass-market software, which is defined as software that is generally available to the public by being sold at retail selling points, or directly from the software developer or supplier, by various means (over the counter, mail-order, telephone, electronic) and designed for installation by the user without further substantial technical support by the developer or supplier per 15CFR§30.37(f)

EXE Export Declaration Exemption - Documents to Foreign Institutions
Used to report the exemption of books, maps, charts, pamphlets and similar articles to foreign Libraries, government establishments, and similar institutions per 15CFR30.37(g)

EXF Export Declaration Exemption - Gifts and Humanitarian Donations
Used to report the exemption of shipments as authorized under License Exception GFT for gift Parcels and humanitarian donations (15 CFR 740.12 (a) and 9b)) per 15CFR§30.37(h)

EXG Export Declaration Exemption - Diplomatic
Used to report the exemption for diplomatic pouches and their contents per 15CFR§30.37(i)

EXH Export Declaration Exemption - Human Remains
Used to report the exemption for human remains and accompanying receptacles and flowers per 15CFR§30.37(j)

EXI Export Declaration Exemption - Interplant Correspondence
Used to report the exemption of interplant correspondence, executed invoices, and other documents of company business records from a U.S. firm to its subsidiary or affiliate (this excludes highly technical Plans, correspondence, etc., that could be licensed) per 15CFR§30.37 (k)

EXJ Export Declaration Exemption for Shipments Outbound - U.S. Aircraft Parts
Used to report the exemption of shipments of aircraft parts, equipment, provisions and supplies for use on aircraft by a U.S. airline to its own installation and aircraft [Export Administration Regulations (EAR) license exception (AVS) for aircraft and vessels 15CFR 740.15c] per 15CFR§30.37(o)

EXK Export Declaration Exemption - U.S. Banknotes and Securities
Used to report the exemption for banknotes, securities, and coins in circulation exported as evidence of financial claims. EEI must be filed for unissued bank notes and securities and coins not in circulation (such as bank notes printed in the U.S. and exported in fulfillment of the printing contract, or as parts of collections) which should be reported at their commercial or current value per 15CFR§30.37(s)

EXL Export Declaration Exemption - International Transaction Documents
Used to report the exemption of documents used in international transactions, documents moving out of the U.S. to facilitate international transactions including airline tickets, internal revenue stamps, liquor stamps, and advertising literature per 15CFR§30.37(t)

EXM Export Declaration Exemption - Technical Data
Used to report the exemption of technical data and defense service exemptions as cited in 22CFR123 (b)(3)(iii) of ITAR per 15CFR§30.37(u)

EXN Export Declaration Exemption - Conveyances
Used to report the exemption of vessels, locomotives, aircraft, rail cars, trucks, other vehicles, trailers, pallets cargo vans, lift vans, or similar shipping containers not considered "shipped" in terms of regulations in this part, when they are moving, either loaded or empty, without transfer of ownership of title, in their capacity as carriers of goods or as instruments of such carriers per 15CFR§30.37(v)

EXO Export Declaration Exemption - Postal Offices
Used to report the exemption for shipments to an Army Post Office, a Diplomatic Post Office, or Fleet Post Office per 15CFR§30.37(w)

EXP Exposure State Code

EXQ Export Declaration Exemption - Baggage
Used to report the exemption for shipments exported under license exception Baggage (BAG) 15CFR 740.14) per 15CFR§30.37(x)

EXR Export Declaration Exemption - Country Group E:1
Used to report the exemption for the Following types of shipments destined for a country listed in Country Group E: 1, as set forth in Supplement 1 to 15 CFR part 740. These are not to be filed in AES per 15CFR§30.37(y): (1). Shipments of published books, software, maps, charts, pamphlets, Or any other similar media available for general distribution (2). Shipments to U.S. government agencies and employees that are Lawfully exported under License Exception GOV (15CFR740.11) (3). Personnel effects as described in in 15CFR740.14(b)(1) being lawfully exported under License Exception BAG (15CFR740.14) (4). Individual Gift parcels and humanitarian donations being Lawfully exported under License Exception GFT (15CFR740.12 (a) and (b)) (5). Vessels and aircraft lawfully leaving the U.S. for temporary sojourn to or in a country group E; country under licensing exemption AVS (15CFR740.15) (6). Tools of trade that will be used by a person travelling to a country Group E.1 destination that will be returned to the U.S. within 1 year that are lawfully being exported under license exception BAG (15CFR740.14) or License Exception TMP (15 CFR740.99A))

EXS Export Declaration Exemption - U.S. Armed Services
Used to report the special exemption for shipments consigned to the U.S. Armed Services for their exclusive use, including shipments to armed services exchange systems. Exemption does not apply to shipments not consigned to the U.S. Armed Services, regardless of whether they may be for their ultimate use per 15CFR§30.39

EXT Export Declaration Exemption - U.S. Government Materials
Used to report the special exemption for office furniture, office equipment, and office supplies shipped to and for the exclusive and personal use of U.S. government employees per 15CFR§30.40(a)

EXU Export Declaration Exemption - U.S. Government Employee Personal Goods
Used to report the special exemption for household goods and personal property shipped to and for the exclusive and personal use of U.S. Government employees per 15CFR§30.40(b)

EXV Export Declaration Exemption - U.S. Government Employee Commissary Goods
Special exemption for food, medicines, and related items and other commissary supplies shipped to U.S. government offices or employees for the exclusive use of such employees, or to U.S. government cooperatives or other associates for subsequent sale or other distribution to such employees per 15CFR§30.40(c)

EXW Export Declaration Exemption - Documents to U.S and Foreign Institutions
Used to report the special exemption for books, maps, charts, pamphlets and similar articles shipped by U.S. government offices to U.S. or foreign libraries, government establishments or similar institutions.

FAN Fannie Mae Seller Servicer Number

FCE Food Canning Establishment (FCE) Number
SEE CODE SOURCE 942

FCN Assigned Contract Number

FCR Formulary Cross Reference
Code indicating which cross reference list row should be referred to for determining formulary, copay, age limits, gender restrictions, quantity limits, etc.

FDA Food and Drug Administration (FDA) Registration Number
SEE CODE SOURCE 942

FDC United States Department of Agriculture - FoodData Central Food Code
Code assigned and maintained by United States Department of Agriculture (USDA) that provides a food's nutrient information. This is used for food composition information that applies to regulatory nutrition information.
SEE CODE SOURCE 989

FEN Foreign Entry Number

FFL Federal Firearms License

FHC Federal Housing Administration Computerized Homes Underwriting Management System (CHUMS) Identification Number

FHO Federal Housing Administration Originator Identification

FIG Federal Item Identification Guide
SEE CODE SOURCE 925

FLZ Flood Zone

FMG Educational Commission for Foreign Medical Graduates (ECFMG) Certification Number

FMP Facility Measurement Point Number

FND Finder Number

FOR Forest Stewardship Councils Chain of Custody Certificate Number
A number assigned by an accredited chain of custody agency or council, assigned to ensure that the products made with certified fibers are not altered in any way.
SEE CODE SOURCE 975

FRC U.S. Customs and Border Protection (CBP) Facility Information Resource Management System (FIRMS) CODE

FRN Freddie Mac Seller Servicer Number

FSC Fund Source Code

FSN Assigned Sequence Number

FTN Premarket Notification Number

FTP File Transfer Protocol (FTP) Locator

FTZ Foreign Trade Zone (FTZ) Admission Number

FWC Final Work Candidate Number

GCP GS1 Company Prefix

GDT Global Document Type Identifier
A GS1 key that is used to identify a document type

GLI Gender Limits ID
Allows the source to identify the list identifier of a list of drugs that have gender limitations for the associated patient

GMI General Message ID
Allows the source to identify the list identifier of a list of drugs that have general message limitations for the associated patient

GWS Group Work Candidate Sequence Number

HCI HCIdea Number
The uniquely assigned number from The National Council for Prescription Drug Programs, Inc. (NCPDP) for health care professionals who are licensed to write prescriptions.
SEE CODE SOURCE 938

HCS Health Care Services Review Decision Reason Code

HHT Type of Household Goods Code

HIN Hazardous Identification Number
A Department of Defense-assigned identifier for the subject hazard, whether a materiel and/or service of the report.

HMB Home Mortgage Disclosure Act Block Number Area

HP1 House Waybill
A House Waybill refers to a receipt issued by an international ocean carrier for goods and is an evidence of the contract of carriage, but it is not a document of title to the goods

HP2 Master Waybill
A Master Waybill identifies all the shipments within a booking order for an ocean carrier

HP3 Preferred Gateway Identifier
A port, terminal, or other physical location (gateway) the party providing the shipment instructions would prefer the shipment be routed through

HP4 Shipment Valuation
A company-assigned code that identifies a tier approximating the monetary value of a shipment. The code is used to differentiate a high value from low value shipment

HPI Standard Unique Health Identifier for Health Care Providers (NPI)
SEE CODE SOURCE 537

HTS Harmonized Tariff Schedule of the United States

HUD Department of Housing and Urban Development Acquisition Regulation (HUDAR)
SEE CODE SOURCE 80

I10 ICD-10-CM (International Classification of Diseases, 10th Revision, Clinical Modification)
SEE CODE SOURCE 897

I11 ICD-11-CM (International Classification of Diseases, 11th Revision, Clinical Modification)

IAC Department of Defense Issuing Agency Code
A designator that represents the registration authority that issued the enterprise identifier

IC1 ICCID - Integrated Card Circuit Identifier
An identifier for a removable SIM (Subscriber Identity Module or Subscriber Identification

Module) or UICC (Universal Integrated Circuit Card) card in a mobile device, assigned by GSMA

ICD ICD-9-CM (International Classification of Diseases, 9th Revision, Clinical Modification)
SEE CODE SOURCE 131

IFC Initial Failure Claim

IFT International Fuel Tax Agreement Account Number

IGR Ingredient Reference

IID Image Identifier

IME International Mobile Equipment Identity
A number that uniquely identifies a mobile device. Used on GSM (Global System for Mobiles) networks. Some phones may have more than one IMEI number.

IMP Integrated Master Plan (IMP)

IMS Integrated Master Schedule (IMS)

IMV IMEISV - International Mobile Station Equipment Identity Software Version
A number that uniquely identifies a mobile phone and the version of its software. The IMEISV may change after a software update. Used on GSM (Global System for Mobiles) networks (16-digit).

INA Drug Ingredient Reference

IND Investigatorial New Drug Number

IRN Importer's Reference Number to Letter of Credit
Letter of credit reference number issued by buyer; cross-references the bank's letter of credit number, once assigned

IRP International Registration Plan Account Number

ISC International Standard Industrial Classification (ISIC) Dominion of Canada Code (DCC)

ISN International Registration Plan Sticker Number

ISS Inspection and Survey Sequence Number

ITI Initial Trouble Indication

ITN Census Internal Transaction Number (ITN)

JCS Joint Credit Specification Number

KAS Associated Contract Identifier

KCS Confirmation Service Contract Identifier

KII Confirmation Intraday Identifier
Associates confirmation information to the applicable gas nomination cycle

KOS Kosher Certification Number
The certification number assigned by the Kosher Certifying Agency

KRL Releaser Contract Identifier

KRP Replacement Shipper Contract Identifier

KSR Service Requester Contract Identifier

LAA Lottery Authority Activation Number

LAN Lane Number

LCN Load Configuration Pattern Number

LDG Loading Group

LEL Locomotive Engineer License

LEN Location Exception Order Number

LIC Health Industry Business Communications Council (HIBCC) Labeler Identification Code (LIC)

SEE CODE SOURCE 243

LMI Local Media Identifier

LOI Logical Observation Identifier Names and Codes (LOINC)
SEE CODE SOURCE 663

LOP Port of Load Location Number

LOS Loss Conditions
SEE CODE SOURCE 892

LPK Loan Prospector Key Number
Loan Prospector is a Freddie Mac Trade Mark name

LSD Logistics Support Documentation Type Code
SEE CODE SOURCE 533

LVO Levying Officer Identification

MAT Main Account
SEE CODE SOURCE 529

MBS Mortgage Backed Security (MBS) Policy Number

MBX Mailbox

MCC Carrier's Bond Number Covering Merchandise Shipment and Instruments of International Traffic (IIT)

MCI Motor Carrier Identification Number

MCN MORNETPlus Case Number
MORNETPlus is a Fannie Mae Trade Mark name

MDC Medical Device Class

MDL Medical Device License Number
SEE CODE SOURCE 955

MEI MEID - Mobile Equipment Identifier
A number that uniquely identifies a mobile device on a CDMA (Code Division Multiple Access) network

MDN Hazardous Waste Manifest Document Number

MHC Mexico Servicio de Administración Tributaria (SAT) Hazardous Code

MHP Mexico Hazardous Packaging Code (Tipo Embalaje)

MII Importer's Bond Number Covering Merchandise Shipment and Instruments of International Traffic (IIT)

MIN MORNETPlus Institution Number
MORNETPlus is a Fannie Mae Trade Mark name

MMT Mexico Material Type (Tipo Materia)

MPC Mexico Unit Packaging Code (Clave Unidad)

MPN Marketing Plan Identification Number

MRC Eligibility Category
SEE CODE SOURCE 844

MRN Mother's Medical Record Identification Number

MSI Message ID
Allows the source to identify the list identifier of a list of drugs that have message limitations for the associated patient

MSL Mail Slot

MTC Mexico Tariff Rate Code (Fracción Arancelaria)

MUI MORNETPlus User Identification
MORNETPlus is a Fannie Mae Trade Mark name

MXC Mexican Harmonized Alphanumeric Carrier (CAAT) Code
MXE Mexican Export Bonded Warehouse Number
MXI Mexican Import Bonded Warehouse Number
MZO Multiple Zone Order Number
NAS National Aeronautics and Space Administration FAR Supplement (NFS)
SEE CODE SOURCE 80
NDA Abbreviated New Drug Application Number
NDB New Drug Application Number
NDC National Drug Code (NDC)
SEE CODE SOURCE 240
NFC National Flood Insurance Program Community Name
NFD National Flood Insurance Program County
NFM National Flood Insurance Program Map Number
NFN National Flood Insurance Program Community Number
NFS National Flood Insurance Program State
NIN National Item Identification Number
A number assigned to each approved item identification under the Federal Cataloging Program
SEE CODE SOURCE 148
NMT Nomination Model Type
NPN Natural Product Number
SEE CODE SOURCE 954
NTP Non-originating Third Party Number
OCN Organic Certification Number
A number assigned by an accredited organic certifying agency which certifies that the organic production and handling practices meet legislative standards
OEI Healthcare Other Entity ID (OEID)
Number defined in 45 CFR part 162.524 Other entity identifier and enumerated by the system defined in 162.508 Enumeration System
SEE CODE SOURCE 540
OFF Offer Identifier
OIC Object Identifier
OOS Out of Service Number
OPE National Center for Education Statistics Office of Postsecondary Education (OPE) Code
OPF National Center for Education Statistics Integrated Postsecondary Education Data System (IPEDS) Athletic Conference Code
SEE CODE SOURCE 872
OPN Original Part Number
A number assigned to all instances of a class of items that have the same form, fit, function, and interface at the time of their creation by the enterprise responsible for the manufacture, production, or creation of the items
OVF Overflow Indicator Code
PAC Patent Cooperation Treaty Application Number
PAI Prior Authorization ID
Allows the source to identify the list identifier of a list of drugs that have prior authorization requirements for the associated patient
PAN Nonprovisional Patent Application Number
PAP Provisional Patent Application Number

PCC Pool Contract Code

PCI Pharmacy Chain ID
Allows the source to identify the list identifier of a list of drugs that have pharmacy chain limitations for the associated patient

PCJ State of Jurisdiction
SEE CODE SOURCE 22

PCN Protocol Number
A number identifying a detailed record of a procedure and its results

PCS ICD-10-PCS (International Classification of Diseases, 10th Revision, Procedure Coding System)
SEE CODE SOURCE 896

PCT ICD-11-PCS (International Classification of Diseases, 11th Revision, Procedure Coding System)

PDF Census Post Departure Filing Number

PDI Partial Denial Indicator
SEE CODE SOURCE 890

PDL Previous Driver's License

PDR Partial Denial Reason Identifier
SEE CODE SOURCE 889

PEI Product Exclusion ID
Allows the source to identify the list identifier of a list of drugs that have product exclusion limitations for the associated patient

PGC Packing Group Code

PGD Downstream Package Identifier

PGN Plug Number

PGS Proposed Group Work Candidate Sequence Number

PHC Process Handling Code

PHY Physician State License Number

PID Program Identification Number

PIN Platform Identification Number

PJC Previous Report Number

PKG Package Identifier

PKU Upstream Package Identifier

PLA Product Licensing Agreement Number

PLI Department of Defense Provisioning Line Item Sequence Number

PLN Proposed Contract Number

PMA Packaging Marking Indicator
SEE CODE SOURCE 350

PMN Premarket Application Number

PNI Pharmacy Network ID
Allows the source to identify the list identifier of a list of drugs that have pharmacy network ID limitations for the associated patient

PNL Pharmacy Network
Code indicating which pharmacy network list(s) should be used for pharmacy network status.

PNN Patent Number

POD Port of Destination Location Number

POL Policy Number
POS Position Title Number
PPJ Certificate of Purchase Number
PPK Tax Bill Identification Number
PPL Current Year Tax Bill Number
PPM Past Year Tax Bill Number
PPN Payment Plan Number
PRK Path Rank
The rank (priority) assigned to the quantity for a contract path. Priority 1 means the highest priority. Priorities 2, 3, etc. are in descending order of priority. Quantities assigned the same rank will be applied on a pro-rata basis.
PRL Previous Loan Number
PRS Previously Reported Social Security Number
PRT Product Type
PSC Portal Submission Code
Identifies the type entity submitting the discrepancy report
SEE CODE SOURCE 350
PSI Previous Shipment Identification Number - Continuous Move
PSL Next Shipment Identification Number - Continuous Move
PSM Credit Card
PSN Proposed Sequence Number
PTC Patent Type
PUA Pickup Appointment Number
PVC Payment Validation Code
A unique code generated by a payment originator verifying payment validity and facilitating settlement.
PVS Provisioning Control Code
PWC Preliminary Work Candidate Number
PWS Proposed Work Candidate Sequence Number
PXC Health Care Provider Taxonomy Code
SEE CODE SOURCE 682
PYA Payroll Activity Code
PYR Pay Range
QLI Quantity Limits ID
Allows the source to identify the list identifier of a list of drugs that have quantity limitations for the associated patient
QNA Quantity Not Available Reason
RAA Restricted Availability Authorization
RAN Restricted Availability Number
REB Reimbursable Code
SEE CODE SOURCE 529
REC Related Case
REP DHS (Department of Homeland Security) Re-entry Permit
RGI Regulatory Guideline Identifier
Indicates the federal or state regulatory guideline number
RIG Rig Number

RLI Role Identification Number
RPP Relative Priority
RPS Regulation Primary Number
RPT Report Number
RRB Railroad Board (RRB) Number
Used when reporting eligibility of Retired Railroad workers for Medicare Discount Card Program. Used until National Identifier is mandated for use
RRC Routing Request Control Number
RRS Reconciliation Report Section Identification Code
RSN Reservation Number
RSS Regulation Secondary Number
RTN Department of Transportation Retread Tire Identification Number
Seven-character retread tire identification number stamped on a retread tire
RTP DHS (Department of Homeland Security) Travel Document
RWK Reporting Week
SAL Salary Step
SAN Standard Inter-Service Agency Serial Control Number
SAT Sub Account
SEE CODE SOURCE 529
SBA Sub Allocation
SEE CODE SOURCE 529
SBC Shared Benefit Class Number
SBN Surety Bond Number
SCA Standard Carrier Alpha Code (SCAC)
SCC Security Cooperation Customer Code
SEE CODE SOURCE 529
SCI Security Cooperation Implementing Agency
SEE CODE SOURCE 529
SCL Sub Class
SEE CODE SOURCE 529
SCN Scale Number
SDT School District Type Code
SEK Search Key
SES Session
SFB U.S. Customs and Border Protection (CBP) Importer Security Filing (ISF) BOND
SFT U.S. Customs and Border Protection (CBP) Security Filing Transaction Number
SHL Shelf Life Indicator
SII Salvage Instruction Identifier
SEE CODE SOURCE 713
SMC Settlement Method Code
SEE CODE SOURCE 891
SMG Step Medication Group ID
Allows the source to identify the list identifier of a list of drugs that have step medication group limitations for the associated patient
SMI Step Medication Triggers ID
Allows the source to identify the list identifier of a list of drugs that have step medication triggers for the associated patient

SML Step Medication Links ID
Allows the source to identify the list identifier of a list of drugs that have step medication links limitations for the associated patient

SMT State of Massachusetts Town Code
SEE CODE SOURCE 893

SNH SNOMED, Systematized Nomenclature of Medicine
SEE CODE SOURCE 662

SNP U.S. Customs & Border Protection (CBP) Second Notify Party

SNV State Non-Resident Violator Compact

SOJ State of Claim Jurisdiction
Indicates the state jurisdictional compliance rules the transaction is being submitted under
SEE CODE SOURCE 22

SPI Specialty Products ID
Allows the source to identify the list identifier of a list of drugs that have specialty product limitations for the associated patient

SPL Standard Point Location Code (SPLC)
SEE CODE SOURCE 21

SPN Theater Screen Number

SPP Parent Contract

SST School System Type Code

STB Standard Transportation Commodity Code (STCC) Bridge Number

STR Standard Transportation Commodity Code (STCC) Replacement Code

STS Serviceability Standard Testing Reference

SUB Title Reference

SUC Supervisory Union Code

SUO Spacing Unit Order Number

SUP Superceded Contract

SUQ Related Contract

SWC State Waste Code
The waste code derived from state regulations.

TDT Technical Documentation Type

TFC Time Failure

TIP Technical Information Package

TOC Type of Comment

TPC Approved Third-Party Certifier

TPN Transponder Number

TPS Temperature Recorder Serial Number

TRC Transfer Carrier

TSN Template Sequence Number

UCB VICS Bill of Lading Number (17 Digits)
SEE CODE SOURCE 852

UCM VICS Master Bill of Lading Number (17 Digits)
SEE CODE SOURCE 852

UIC Unit Identification Code (UIC)
SEE CODE SOURCE 878

UII Department of Defense Unique Item Identifier
An identifier used to uniquely identify an individual item

ULC United Nations Location Code (UNLOCODE) Number
SEE CODE SOURCE 202

UNC United Nations Standard Products and Service Code (UNSPSC)

URI Uniform Resource Identifier

URL Uniform Resource Locator

URP Unit Report Period

URQ Unit Report Period ID

USD United States Department of Agriculture (USDA) Establishment Number

UTY Department of Defense Unique Item Identifier Type Reference Identifier
A designator that indicates the type of unique item identifier to uniquely identify an item

UUI Universal Unique Identifier (UUID)

VAO Veterans Administration Originator Identification

VGS Vehicle Garaged State Code

WCS Work Candidate Sequence Number

WDR Withdrawal Record

WPN Waste Disposal Number

X10 Planning Schedule Type Code

X11 Status Report Code

X12 Inventory Transaction Type Code

X13 Report Type Code

X14 Updated National Association of Insurance Commissioners (NAIC) Code

X15 Cataloging Unique Item Tracking
Used to identify the cataloging Unique Item Tracking

X16 Cataloging Item Name
Used to identify the cataloging Item Name

X17 General Terms and Conditions Identifier
Used to identify the Fiscal Service (FS) Form 7600A General Terms and Conditions (GT&C) number in invoicing transaction

X18 Secondary Location Identifier
Used to identify the secondary location of the material

X19 Aircraft Tail Number
Used to convey the aircraft tail number that the item will be placed on

X20 Special Operations Class of Supply Code
Used to identify the Special Operations Class of Supply Code

X21 Provisioning Control Code Number
Used to identify the cataloging Provisioning Control Code Number

X22 Army Material Category Appropriation Code
Used to identify the Army Material Category Appropriation Code

X23 Coast Guard Inventory Account Code
Used to identify the Coast Guard Inventory Account Code

X24 Container National Stock Number (NSN)
Used to identify the Container National Stock Number (NSN)

X25 Cataloging Document Availability Code
Used to identify the cataloging Document Availability Code

X26 Cataloging Item Standardization Code
Used to identify the cataloging Item Standardization Code

X27 Item Unique Identification Identifier
Used to identify the Item Unique Identification Identifier

X28 Cataloging Manufacturing Part Reference Number
Used to identify the Cataloging Manufacturing Part Reference Number

X29 Marine Corps Operational Test Code
Used to identify the Marine Corps Operational Test Code

X30 Individual Taxpayer's Identification Number (ITIN)

XX1 Special Program Code

XX2 Service Area Code

XX3 Function Code

XX4 Object Code

XX5 Organization Code

XX6 Subject Area Code

XX7 Schedule Type Code

XX8 Alternating Schedule Identifier Code

XX9 Updated Line of Business

ZTS Zone, Track, Spot Number (ZTS)

129 - Referenced Pattern Identifier

Identification of a repetitive pattern that is to be used as a basis for creating a shipment record or a new pattern; or identification of a pattern requiring change or deletion

TYPE=**AN** MIN=**1** MAX=**13**

SEGMENTS USED IN (AS SIMPLE)

BNX

TRANSACTION SETS USED IN

404 417 426 858 940

132 - Release Code

Code signifying whether or not the shipment information transaction set includes instructions for pickup and movement of the shipment; (This code provides a means for the shipper to transmit billing data along with the movement instructions, transmit billing data ahead of the movement instructions, or follow movement instructions with complete billing data at a later date)

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

M3

TRANSACTION SETS USED IN

404 858

CODE	DEFINITION & EXPLANATION
B	Not Released - Billing Data Only
H	Hold previously released shipment
R	Released with Billing Data
S	Scheduled future release
T	Released with shipment information/billing data
U	Unscheduled release

133 - Routing Sequence Code

Code specifying the relationship of a carrier to a specific shipment movement

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

E5 MS3 R2 R2A R3 T3 TD5

TRANSACTION SETS USED IN

180 204 210 211 214 219 220 286 300 301 304 310 312 317 404 410 417 421 422 423 426 453 456 470 830 832 838 840 843 850 852 853 855 856 857 858 859 860 861 862 865 870 940

CODE	DEFINITION & EXPLANATION
1	1st Carrier after Origin Carrier
2	2nd Carrier after Origin Carrier
3	3rd Carrier after Origin Carrier
4	4th Carrier after Origin Carrier
5	5th Carrier after Origin Carrier
6	6th Carrier after Origin Carrier
7	7th Carrier after Origin Carrier
8	8th Carrier after Origin Carrier
9	9th Carrier after Origin Carrier
A	Origin Carrier, Agent's Routing (Rail)
B	Origin/Delivery Carrier (Any Mode)
D	DELY (Delivery Switch Carrier)
H	Haulage Rights Carrier and Junction
I	Origin Switch Carrier
M	Haulage Movement Carrier and Junction
O	Origin Carrier (Air, Motor, or Ocean)
R	Origin Carrier, Rule 11 Shipment
S	Origin Carrier, Shipper's Routing (Rail)
V	Intermediate Switch Carrier
X	Last Carrier in Route on Return Route Move
Z	Mutually Defined
JD	Junction Settlement Carrier Following (Destination carrier receiving revenues resulting from junction contract)
JI	Junction Settlement Carrier Intermediate
JO	Junction Settlement Carrier Predecessor (Origin carrier receiving revenues resulting from junction contract)

135 - Sailing/Flight Date Estimated

Date for reservation expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

TYPE=**DT** MIN=**8** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

Y1

TRANSACTION SETS USED IN

300

136 - Sales Comment

Free-form text used to clarify sales/delivery terms TYPE=**AN** MIN=**2** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

M2

TRANSACTION SETS USED IN

304 858 859

137 - Sales Reference Date

Date of letter or account number source expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

TYPE=**DT** MIN=**8** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

M2

TRANSACTION SETS USED IN

304 858 859

138 - Sales Reference Number

Letter or account number referring to a sales document TYPE=**AN** MIN=**4** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

M2

TRANSACTION SETS USED IN

304 858 859

139 - Sales Terms Code

Code identifying terms of sale

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

DEX M2

TRANSACTION SETS USED IN

202 304 858 859

CODE	DEFINITION & EXPLANATION
CH	Cash
DD	Date Draft
GA	Guarantor
IF	Interim Funding
LC	Letter of Credit
MB	Mortgage Backed Security
NC	No Charge
OA	Open Account
SA	Stratification
SB	Standard Delivery
SD	Sight Draft
ST	Stock Transfer *A nonsale transfer of inventory from one business entity or unit to another business entity or unit*
ZZ	Mutually Defined

140 - Standard Carrier Alpha Code

Code identifying the Standard Carrier Alpha Code TYPE=**ID** MIN=**2** MAX=**4**

Code Sources

17

SEGMENTS USED IN (AS SIMPLE)

ATA B1 B10 B13 B2 B3 B3B BA1 BA2 BCQ BDD BIX BL BLR BMM BOL BRR BSW BTS BVA BVB BVP BVS BX
CAD CD CD1 CF1 CI CM CPM CSD CTC CYC DK DR E5 E6 ER F01 FK GR2 GY IC IMA IS2 ISC ISD
JCT JL JS L1A LC1 LEQ M10 M11 M12 M13 M14 M15 M20 M21 MBL MS2 MS3 N21 N7 N8 N8A NA OD PR
PR1 PRI PRM PS PT PUN R1 R11 R2 R2A R2B R3 R9 RDD REN S1 SA SCN SCP SCR SHD SMS SW SWC
T1 T3 TI V1 VID VR W08 W27 W4 W5 W66 X01 X02 X4 Y1 Y2 Y3 Y4 ZC1 ZD ZR

TRANSACTION SETS USED IN

106 107 108 110 120 121 125 126 127 128 129 161 163 204 210 211 212 214 215 216 217 219 220 222
223 224 225 227 228 240 272 300 301 303 304 309 310 311 312 319 322 323 324 325 326 350 352 353
354 355 356 357 358 359 361 362 404 410 412 414 417 418 419 420 421 422 423 424 426 431 432 433
434 436 437 451 453 455 456 460 463 466 468 470 475 485 486 490 492 494 601 603 715 754 810 811
812 853 854 856 858 859 880 920 924 928 940 943 944 945 990 998

141 - Schedule B Code

Code identifying commodity number established for international statistical purposes

TYPE=ID MIN=7 MAX=10

Code Sources

7

SEGMENTS USED IN (AS SIMPLE)

X1

TRANSACTION SETS USED IN

104 215 304 309 310 311 355 358 404 417 601 841 858 859

142 - Application Sender's Code

Code identifying party sending transmission; codes agreed to by trading partners

TYPE=**AN** MIN=**2** MAX=**15**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

GS OTI TXN

TRANSACTION SETS USED IN

824 838

143 - Transaction Set Identifier Code

Code identifying a Transaction Set TYPE=ID MIN=3 MAX=3

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK2 BGF BT1 E10 OTI ST TXN ZD

TRANSACTION SETS USED IN

100 101 102 103 104 105 106 107 108 109 110 111 112 113 120 121 124 125 126 127 128 129 130 131
132 133 135 138 139 140 141 142 143 144 146 147 148 149 150 151 152 153 154 155 157 158 159 160
161 163 170 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203
204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 224 225 227 228 240 242 244 245 248
249 250 251 252 255 256 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276
277 278 280 283 284 285 286 288 290 300 301 303 304 309 310 311 312 313 315 317 319 322 323 324
325 326 350 352 353 354 355 356 357 358 359 361 362 404 410 412 414 417 418 419 420 421 422 423
424 425 426 429 431 432 433 434 435 436 437 440 451 452 453 455 456 460 463 466 468 470 475 485
486 490 492 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 753
754 805 806 810 811 812 813 814 815 816 818 819 820 821 822 823 824 826 827 828 829 830 831 832
833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856
857 858 859 860 861 862 863 864 865 866 867 868 869 870 872 873 874 875 876 877 878 879 880 881
882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 920 924 925 926 928 940 943 944
945 947 980 990 993 996 997 998 999

CODE	DEFINITION & EXPLANATION
100	Insurance Plan Description
101	Name and Address Lists
102	Associated Data
103	Abandoned Property Filings
104	Air Shipment Information
105	Business Entity Filings
106	Motor Carrier Rate Proposal
107	Request for Motor Carrier Rate Proposal
108	Response to a Motor Carrier Rate Proposal
109	Vessel Content Details
110	Air Freight Details and Invoice
111	Individual Insurance Policy and Client Information
112	Property Damage Report
113	Election Campaign and Lobbyist Reporting
120	Vehicle Shipping Order
121	Vehicle Service
124	Vehicle Damage
125	Multilevel Railcar Load Details
126	Vehicle Application Advice
127	Vehicle Baying Order
128	Dealer Information

129 Vehicle Carrier Rate Update
130 Student Educational Record (Transcript)
131 Student Educational Record (Transcript) Acknowledgment
132 Human Resource Information
133 Educational Institution Record
135 Student Aid Origination Record
138 Educational Testing and Prospect Request and Report
139 Student Loan Guarantee Result
140 Product Registration
141 Product Service Claim Response
142 Product Service Claim
143 Product Service Notification
144 Student Loan Transfer and Status Verification
146 Request for Student Educational Record (Transcript)
147 Response to Request for Student Educational Record (Transcript)
148 Report of Injury, Illness or Incident
149 Notice of Tax Adjustment or Assessment
150 Tax Rate Notification
151 Electronic Filing of Tax Return Data Acknowledgment
152 Statistical Government Information
153 Unemployment Insurance Tax Claim or Charge Information
154 Secured Interest Filing
155 Business Credit Report
157 Notice of Power of Attorney
158 Tax Jurisdiction Sourcing
159 Motion Picture Booking Confirmation
160 Transportation Automatic Equipment Identification
161 Train Sheet
163 Transportation Appointment Schedule Information
170 Revenue Receipts Statement
175 Court and Law Enforcement Notice
176 Court Submission
179 Environmental Compliance Reporting
180 Return Merchandise Authorization and Notification
185 Royalty Regulatory Report
186 Insurance Underwriting Requirements Reporting
187 Premium Audit Request and Return
188 Educational Course Inventory
189 Application for Admission to Educational Institutions
190 Student Enrollment Verification
191 Student Loan Pre-Claims and Claims
194 Grant or Assistance Application
195 Federal Communications Commission (FCC) License Application

196 Contractor Cost Data Reporting
197 Real Estate Title Evidence
198 Loan Verification Information
199 Real Estate Settlement Information
200 Mortgage Credit Report
201 Residential Loan Application
202 Secondary Mortgage Market Loan Delivery
203 Secondary Mortgage Market Investor Report
204 Motor Carrier Load Tender
205 Mortgage Note
206 Real Estate Inspection
210 Motor Carrier Freight Details and Invoice
211 Motor Carrier Bill of Lading
212 Motor Carrier Delivery Trailer Manifest
213 Motor Carrier Shipment Status Inquiry
214 Transportation Carrier Shipment Status Message
215 Motor Carrier Pickup Manifest
216 Motor Carrier Shipment Pickup Notification
217 Motor Carrier Loading and Route Guide
219 Logistics Service Request
220 Logistics Service Response
222 Cartage Work Assignment
223 Consolidators Freight Bill and Invoice
224 Motor Carrier Summary Freight Bill Manifest
225 Response to a Cartage Work Assignment
227 Trailer Usage Report
228 Equipment Inspection Report
240 Motor Carrier Package Status
242 Data Status Tracking
244 Product Source Information
245 Real Estate Tax Service Response
248 Account Assignment/Inquiry and Service/Status
249 Animal Toxicological Data
250 Purchase Order Shipment Management Document
251 Pricing Support
252 Insurance Producer Administration
255 Underwriting Information Services
256 Periodic Compensation
259 Residential Mortgage Insurance Explanation of Benefits
260 Application for Mortgage Insurance Benefits
A claim filed for mortgage insurance benefits
261 Real Estate Information Request
262 Real Estate Information Report

263 Residential Mortgage Insurance Application Response
264 Mortgage Loan Default Status
265 Real Estate Title Insurance Services Order
266 Mortgage or Property Record Change Notification
267 Individual Life, Annuity and Disability Application
268 Annuity Activity
269 Health Care Benefit Coordination Verification
270 Eligibility, Coverage or Benefit Inquiry
271 Eligibility, Coverage or Benefit Information
272 Property and Casualty Loss Notification
273 Insurance/Annuity Application Status
274 Healthcare Provider Information
275 Patient Information
276 Health Care Claim Status Request
277 Health Care Information Status Notification
278 Health Care Services Review Information
280 Voter Registration Information
283 Tax or Fee Exemption Certification
284 Commercial Vehicle Safety Reports
285 Commercial Vehicle Safety and Credentials Information Exchange
286 Commercial Vehicle Credentials
288 Wage Determination
290 Cooperative Advertising Agreements
300 Reservation (Booking Request) (Ocean)
301 Confirmation (Ocean)
303 Booking Cancellation (Ocean)
304 Shipping Instructions
309 Customs Manifest
310 Freight Receipt and Invoice (Ocean)
311 Canada Customs Information
312 Arrival Notice (Ocean)
313 Shipment Status Inquiry (Ocean)
315 Status Details (Ocean)
317 Delivery/Pickup Order
319 Terminal Information
322 Terminal Operations and Intermodal Ramp Activity
323 Vessel Schedule and Itinerary (Ocean)
324 Vessel Stow Plan (Ocean)
325 Consolidation of Goods In Container
326 Consignment Summary List
350 Customs Status Information
352 Customs Carrier General Order Status
353 Customs Events Advisory Details

354 Customs Automated Manifest Archive Status
355 Customs Acceptance/Rejection
356 Customs Permit to Transfer Request
357 Customs In-Bond Information
358 Customs Consist Information
359 Customs Customer Profile Management
361 Carrier Interchange Agreement (Ocean)
362 Cargo Insurance Advice of Shipment
404 Rail Carrier Shipment Information
410 Rail Carrier Freight Details and Invoice
412 Trailer or Container Repair Billing
414 Rail Carhire Settlements
417 Rail Carrier Waybill Interchange
418 Rail Advance Interchange Consist
419 Advance Car Disposition
420 Car Handling Information
421 Estimated Time of Arrival and Car Scheduling
422 Equipment Order
423 Rail Industrial Switch List
424 Rail Carrier Services Settlement
425 Rail Waybill Request
426 Rail Revenue Waybill
429 Railroad Retirement Activity
431 Railroad Station Master File
432 Rail Car Hire Rate Negotiation
433 Railroad Reciprocal Switch File
434 Railroad Mark Register Update Activity
435 Standard Transportation Commodity Code Master
436 Locomotive Information
437 Railroad Junctions and Interchanges Activity
440 Shipment Weights
451 Railroad Event Report
452 Railroad Problem Log Inquiry or Advice
453 Railroad Service Commitment Advice
455 Railroad Parameter Trace Registration
456 Railroad Equipment Inquiry or Advice
460 Railroad Price Distribution Request or Response
463 Rail Rate Reply
466 Rate Request
468 Rate Docket Journal Log
470 Railroad Clearance
475 Rail Route File Maintenance
485 Ratemaking Action

486 Rate Docket Expiration
490 Rate Group Definition
492 Miscellaneous Rates
494 Rail Scale Rates
500 Medical Event Reporting
501 Vendor Performance Review
503 Pricing History
504 Clauses and Provisions
511 Requisition
Transaction set for ordering equipment and material from a supply distribution system; this can also be used to inquire about, amend, or terminate the original order
517 Material Obligation Validation
Transaction set for verifying the continued need for open orders. Can also be used to confirm open order quantities and request reinstatement of previously cancelled open orders
521 Income or Asset Offset
527 Material Due-In and Receipt
Transaction set for reporting material dues-in, anticipated receipts, and receipts
536 Logistics Reassignment
Transaction set for reporting information needed by a new manager when transferring inventory management responsibility between organizations
540 Notice of Employment Status
561 Contract Abstract
A summary of the essential elements of a contract, sufficient to enable the contract administration process to commence
567 Contract Completion Status
Transaction set for reporting the administrative closure status of physically completed contracts
568 Contract Payment Management Report
601 Customs Export Shipment Information
603 Transportation Equipment Registration
620 Excavation Communication
625 Well Information
650 Maintenance Service Order
715 Intermodal Group Loading Plan
753 Request for Routing Instructions
754 Routing Instructions
805 Contract Pricing Proposal
806 Project Schedule Reporting
810 Invoice
811 Consolidated Service Invoice/Statement
812 Credit/Debit Adjustment
813 Electronic Filing of Tax Return Data
814 General Request, Response or Confirmation
815 Cryptographic Service Message
816 Organizational Relationships

818 Commission Sales Report
819 Joint Interest Billing and Operating Expense Statement
820 Payment Order/Remittance Advice
821 Financial Information Reporting
822 Account Analysis
823 Lockbox
824 Application Advice
826 Tax Information Exchange
827 Financial Return Notice
828 Debit Authorization
829 Payment Cancellation Request
830 Planning Schedule with Release Capability
831 Application Control Totals
832 Price/Sales Catalog
833 Mortgage Credit Report Order
834 Benefit Enrollment and Maintenance
835 Health Care Claim Payment/Advice
836 Procurement Notices
837 Health Care Claim
838 Trading Partner Profile
839 Project Cost Reporting
840 Request for Quotation
841 Specifications/Technical Information
842 Nonconformance Report
843 Response to Request for Quotation
844 Product Transfer Account Adjustment
845 Price Authorization Acknowledgment/Status
846 Inventory Inquiry/Advice
847 Material Claim
848 Material Safety Data Sheet
849 Response to Product Transfer Account Adjustment
850 Purchase Order
851 Asset Schedule
852 Product Activity Data
853 Routing and Carrier Instruction
854 Shipment Delivery Discrepancy Information
855 Purchase Order Acknowledgment
856 Ship Notice/Manifest
857 Shipment and Billing Notice
858 Shipment Information
859 Freight Invoice
860 Purchase Order Change Request - Buyer Initiated
861 Receiving Advice/Acceptance Certificate

862 Shipping Schedule
863 Report of Test Results
864 Text Message
865 Purchase Order Change Acknowledgment/Request - Seller Initiated
866 Production Sequence
867 Product Transfer and Resale Report
868 Electronic Form Structure
869 Order Status Inquiry
870 Order Status Report
871 Component Parts Content
872 Residential Mortgage Insurance Application
873 Commodity Movement Services
874 Commodity Movement Services Response
875 Grocery Products Purchase Order
876 Grocery Products Purchase Order Change
877 Manufacturer Coupon Family Code Structure
878 Product Authorization/De-authorization
879 Price Information
880 Grocery Products Invoice
881 Manufacturer Coupon Redemption Detail
882 Direct Store Delivery Summary Information
883 Market Development Fund Allocation
884 Market Development Fund Settlement
885 Retail Account Characteristics
886 Customer Call Reporting
887 Coupon Notification
888 Item Maintenance
889 Promotion Announcement
890 Contract & Rebate Management Transaction
891 Deduction Research Report
892 Trading Partner Performance Measurements
893 Item Information Request
894 Delivery/Return Base Record
895 Delivery/Return Acknowledgment or Adjustment
896 Product Dimension Maintenance
897 Data Synchronization
920 Loss or Damage Claim - General Commodities
924 Loss or Damage Claim - Motor Vehicle
925 Claim Tracer
926 Claim Status Report and Tracer Reply
928 Automotive Inspection Detail
940 Warehouse Shipping Order
943 Warehouse Stock Transfer Shipment Advice

944 Warehouse Stock Transfer Receipt Advice
945 Warehouse Shipping Advice
947 Warehouse Inventory Adjustment Advice
980 Functional Group Totals
990 Response to a Load Tender
993 Secured Receipt or Acknowledgment
996 File Transfer
997 Functional Acknowledgment
998 Set Cancellation
999 Implementation Acknowledgment

145 - Shipment Identification Number

Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters)

TYPE=**AN** MIN=**1** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

B1 B10 B2 B3 B3B BDD BMM BOL BVA BW BX CF2 LP TRL W06 W17 ZC1 ZD

TRANSACTION SETS USED IN

110 125 126 204 210 211 214 215 223 224 227 300 301 303 304 310 312 322 404 410 417 426 440 854 858 859 943 944 945 990 998

146 - Shipment Method of Payment Code

Code identifying payment terms for transportation charges TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)

ACS B1 B2 B3 B3B B9 BOL BX CF2 CSD FOB G25 G66 G82 Q3 SCN SL1 SMD W27 W66

TRANSACTION SETS USED IN

104 110 204 210 211 215 219 220 222 223 224 250 300 301 303 304 310 312 404 410 417 426 503 527 754 810 812 830 832 836 838 840 843 850 852 855 856 857 858 859 860 861 862 865 866 875 876 880 882 894 940 943 945 990

CODE	DEFINITION & EXPLANATION
11	Rule 11 Shipment
BP	Paid by Buyer *The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)*
CA	Advance Collect
CC	Collect
CD	Collect on Delivery
CF	Collect, Freight Credited Back to Customer
CN	Cost and Freight
DD	Delivered Duty Paid
DE	Per Contract *Destination with exceptions as agreed between buyer and seller*
DF	Defined by Buyer and Seller
FO	FOB Port of Call
HP	Half Prepaid
MX	Mixed
NC	Service Freight, No Charge
NR	Non Revenue
PA	Advance Prepaid
PB	Customer Pickup/Backhaul
PC	Prepaid but Charged to Customer
PD	Prepaid by Processor *Identifies the processor as the party responsible for transportation charges for the shipment*
PE	Prepaid and Summary Bill
PL	Prepaid Local, Collect Outstate
PO	Prepaid Only
PP	Prepaid (by Seller)
PS	Paid by Seller *The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)*
PU	Pickup
RC	Return Container Freight Paid by Customer
RF	Return Container Freight Free

RS Return Container Freight Paid by Supplier
SD Free Domicile (Shipper pays duty, tax and freight)
TP Third Party Pay
WC Weight Condition

147 - Shipment Qualifier

Code specifying relationship of this shipment with respect to other shipments given to the carrier at the same time

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)
B2 B3 BX

TRANSACTION SETS USED IN
110 204 210 304 310 312 404 417 426 858 859

CODE	DEFINITION & EXPLANATION
1	Master Bill for Empty Non-Revenue Equipment
2	Sea Waybill *A non-negotiable transport document issued by an ocean carrier covering cargo shipped on a vessel owned or chartered by that carrier*
3	Intermodal/Combined Transport Bill of Lading
4	Household Goods Bill of Lading *A transport document issued by an individual or business entity for the movement of household goods*
5	Load Handled as Empty *Rail cars handled under Railroad Accounting Rule 107*
6	First Bill for Split Shipment
7	Subordinate Bill for Split Shipment
8	Master Bill, Revenue Empty
9	Reload
A	Sub for Assembly
B	Bill of Lading for Individual Shipment
C	Consolidated Shipment
D	Sub for Distribution
E	Empty Equipment Billing (Non-Revenue)
F	Stop-off Shipment *Shipment with sub-shipments to be loaded or unloaded en route to final destination*
G	Switch Waybill
H	Company Business (Non-revenue)
I	Intermodal
J	Charity Load (Non-revenue)
K	Free Astray (Non-revenue)
L	Single Load (Blind Memo) Memo--Incomplete Documentation
M	Master Bill of Lading for Assembly, Distribution and Volume Shipment *A bill of lading with multiple delivery locations*
N	Multiple Loads (Blind Memo) Memo--Incomplete Documentation
O	Memo Bill (Not Used for Rail)
P	PTF Bill of Lading
Q	Continuous Movement *Two or more loads tendered to a carrier at the same time that are to be performed in*

conjunction with one another using the same carrier equipment

R Supplemental Billing

S Submaster Bill of Lading for Volume Shipment
A bill of lading for a full truckload shipment

T Freight Claim Rule 93-B (Free Return)

U Roundtrip Movement
A special type of continuous movement in which, at the shipper's request, the carrier equipment loads at point A, delivers at point B, then immediately re-loads at point B, and delivers the second load back to point A

V Void Bill

W Revenue Empty

X Empty Switch Waybill

Y Advance/Prepaid Only Waybill

Z Commercial Zone Pickup

148 - Lading Value

Value of shipment for export, expressed in the standard monetary denomination for the currency specified

TYPE=**R** MIN=**2** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

AT2 L1 LAD X1

TRANSACTION SETS USED IN

104 110 204 210 211 215 219 220 222 223 300 301 304 309 310 311 312 355 358 404 410 417 426 601 841 858 859

150 - Special Charge or Allowance Code

Code identifying type of special charge or allowance TYPE=ID MIN=3 MAX=3

Code Sources
46

SEGMENTS USED IN (AS SIMPLE)
ACS CGS ITA L1 L3 L8 L9 MC MCT R2D SWR XH

TRANSACTION SETS USED IN
104 106 107 110 121 140 142 143 187 204 210 215 219 220 223 300 301 304 310 311 312 322 325 404 410 417 424 426 433 485 811 819 851 858 859 867

CODE	DEFINITION & EXPLANATION
000	Pump Out Charge
002	Renewal
003	Account Number Correction Charge
004	Dividend
005	Activation of Carnet
006	Overpayment
007	Suspense
008	Balance Forward
009	Dividend Interest
010	Add on - Destination
011	Loan Interest
012	Premium Waiver
015	Add on - Origin
016	Dividend Adjustment
017	Interest
020	Address Correction
025	Advance Destination Amount
026	Integrated Business Services (IBS) Service Charge
027	Special Packaging
028	Box Liners
029	Product Personalization
030	Advance Destination Fee
031	Tape Charges
032	Subject to Tax
035	Advance Origin Amount
040	Advance Origin Fee
045	Advance Fee
050	Agent Disbursement - Destination
055	Agent Disbursement Fee - Destination
060	Agent Disbursement - Origin

065 Agent Disbursement Fee - Origin
070 Air Export Certificate
075 Air Express Charge
080 Air Transportation Charge
085 Airline Opening Fee
090 Airport Tax - Destination
095 Airport Tax - Origin
100 Airport Terminal Handling Charge
105 Acknowledgment of Delivery Fee (AOD)
110 Amending Export Documentation
115 Assembly Fee
120 Banking Drafts
135 Cables (sending of)
140 Call Tag
145 Canadian C.Q.Customs Clearance
150 Canadian Currency Exchange
155 Canadian Import Termination Fee
160 Canadian Reconsignment Fee
165 Canadian Remanifest Fee
170 Certificate of Origin
175 Certificate of Registration
180 Chamber of Commerce Service Charge
185 Change of Airbill - Service Fee
186 Chemical Milling Charge
190 City Terminal Charge
205 Collect Surcharge
210 Constant Surveillance Service
215 Consular Legalization Service
220 Consularization Fee
225 Constant Surveillance Service - Armed
230 Credit
235 Customer Account Identification
240 Customs Broker Fee
245 Customs Invoice
250 Customs Invoice - Additional Page
255 Data/Drawing Charge
260 Delivery Surcharge
265 Development Charge
270 Discount - Drop Box/Convenience Ctr.
275 Discount - Incentive
280 Discount - Multiple Shipment
285 Discount - Service Option (Delivery)
290 Discount - Service Option (Pickup)

295 Discount - Special
297 Contingency Credit Charge
300 Distribution Fee
310 Dry Ice
315 Duty Charge
320 Endorsement Fee
325 Eur1 Presentation Fee
335 Excise Tax - Destination
340 Excise Tax - Origin
345 Expedited One Day Consular Service
350 Expedited Shipments
355 Extra Copies and Mailings
360 Export Customs Clearance
365 Export Declarations - Automated
370 Export Declarations - U.S. Shippers
375 Export License Application
380 Extra Service - Counter-to-Counter
385 Facsimile Charges
390 Facsimile Charges - Additional Pages
392 Failed Lamp Panel Charge
393 First Article Charge
395 Free Domicile Shipment Processing
400 Freight
405 Fuel Surcharge
410 Government Warehouse Fee - Destination
415 Government Warehouse Fee - Origin
416 Grain Flow Charge
420 Hazardous Materials Handling Fee - Domestic
425 Hazardous Materials Handling Fee - International
426 Heat Treat Charge
430 IATA Airbill Preparation
435 IATA Fee
440 Import Service Fee
445 Insurance Fee
450 Inland Transportation
455 Insurance Premium
460 International Door-to-Door Handling Fee
462 Incorrect Billing Account Charge
465 Italian Release Charge
470 Letter of Credit Processing
475 Mailing - Postage Cost
480 Mailing - Service Fee
485 Messenger Service

490 Minimum Air Transportation Charge
495 Miscellaneous - Destination
500 Miscellaneous - Origin
505 Missing Account NBR Charge
510 Offshore - Alaska/Hawaii
515 On Hand Service
520 Oversized Premium
525 Passing Shippers Export Entry
535 Pickup - Out of Area
540 Pickup Surcharge
545 Pre-Positioned Inventory Service
550 Preparation of Air Waybill - Origin
555 Preparation of Canadian Customs Invoice
560 Preparation of Commercial Invoice
565 Preparation of Export Entry
570 Preparation of Insurance Certificate
580 Priority Service
585 Preparation of U.S. Export Documentation
586 Processing Charge
590 Rebilled Drayage - Destination
593 Re-Bill Charge
595 Proforma Invoice
600 Recipient Address Correction
605 Rebilled Drayage - Origin
610 Record/Filing
615 Recovery Fee
620 Recrating/Recoopering - Destination
625 Recrating/Recoopering - Origin
635 Registration of Export Shipments
640 Registration of Export for Reentry
641 Reliability Charge
645 Restricted Article Fee
650 Repickup
665 Saturday Delivery
670 Saturday Pickup
675 Security Signature Service
680 Service Upgrade
685 Special Delivery
690 Special Handling Service
695 Special Pickup
696 Special Test Equipment Charge
697 Special Tooling Charge
700 Special Vehicle Rent

705 Stamp Fee
706 Straightening Charge
720 Telephone - Destination
725 Telephone - Origin
730 Terminal Service Fee
731 Test/Qualification Charge
732 Tooling Rework Charge
735 Tracing Inbound Via Other Carriers
736 Tracing Service Fee
740 Transfer of Lading Charge
745 Valuation Fee
750 Value Added Tax (VAT)
760 Waybill and Invoice Distribution
761 Written Proof of Delivery
762 X-ray Charge
763 Auto Towing Charge
764 Late Return Charge
765 One Way Drop Off Charge
766 Business Center Charge
767 Gift Shop Charge
768 Health Club Charge
769 Laundry and Dry Cleaning Charge
770 In-room Mini-bar Charge
771 In-room Movie Charge
772 Passenger Facility Charge
773 Prepaid Expenses
999 Other (See related description)
AAA Advertising Allowance
AAJ Adjustments
AAM Additional Material
AAN Allowance Non-performance
AAO Allowance Advance
AAS Attendants Accompanying
Rail charge for government or contractor personnel accompanying freight shipments on freight trains
AAT Handling Charge Tax
ABC Alcoholic Beverage Report Charge
ABH After Business Hours Pick-up or Delivery
ABL Attachments to Bill of Lading Charge
ACD Allegheny County, PA Delivery Charge
ACF Access Charge - Federal
Charge to connect the customer to the long distance network, required by the Federal Communications Commission (FCC)

ACH Access Charges
Charges to connect the customer to the long distance network

ACL Actual Labor Charge
Labor actually performed and shown on the servicing outlet's repair order - not necessarily equal to requested labor; labor associated with a single labor operation

ACS Access Charge - State
Charge to connect the customer to the long distance network, required by the State Public Utilities Commission

ADH Advance Charges Handling

ADL Advance Loading Charge
Service charge for advanced loading of bulk fuel

ADV Advances

AFB Additional Copies of Freight Bill

AFC Collect on Delivery Alteration Charge

AFN Aircraft Ordered But Not Used

AGS Armed Guard Service

AIB Additional Injection/Blending Service Charge
Service charge for providing additional pipeline injection/blending service

AIC Air Freight - Consolidation

AIR Air Freight

ALC Advance Lading Charge

ALP Use of Alternate Port
A charge for using a port of embarkation or debarkation other than the requested port

AMB Adjustment for Maximum Charges Billing
Adjustment to the billed amount for usage billing when the usage charge exceeds the maximum monthly usage charge

AMC Absolute Minimum Charge

AMP Adjustment for Minimum Average Time Requirement Billing
Adjustment billed amount for billing of WATS usage at the Minimum Average Time Required Rate

ANB Adjustment for Minimum Charges Billing

ANC Anchoring and Unanchoring
The additional service charge or order for a transportation carrier to perform unanchoring services on a mobile home at one location and anchoring services at another location after transportation has been performed

ANS Anodizing Charge

APL Appliance Servicing
The additional service charge or order for a carrier to service used household goods appliances by securing the item in such a manner that it will withstand handling and transportation

APT Appointment (Notification)

ARB Arbitrary (In Addition to Through Rates and Charges)

ARC Air Conditioning Disconnect and Connect
The additional service charge or order for a transportation carrier to disconnect an air conditioning unit attached to a mobile home and reconnecting the air conditioner after transportation from one location to another has been performed

ARG Rail Armed Guard Service
Rail security service requiring one armed guard to inspect and maintain constant 24-hour surveillance on a shipment

ARR Air Ride Tractor Service Charge

ASC Assembly Charge

ATD Attempted Delivery

ATP Attempted Pickup

AUX Auxiliary Service
The additional service charge or order for a transportation carrier to provide exclusive use of a vehicle as part of the movement of a household goods shipment

AVA Ad Valorem

BAA Beaming Charge

BAB Brokerage or Duty

BAC Buyers Car Allowance

BAD Bad Debt

BAF Both-Flat

BAP Broken Package Charge

BAS Base Charge

BBK Break Bulk Surface Charge

BCF Border Crossing Fee

BDX Bordeaux Arbitraries

BEY Beyond Freight Charges

BFD Bedding/Feeding/Disinfecting

BKA Bulky Article
The additional service charge or order for a transportation carrier to service motorcycles, tractors, riding lawn mowers, privately owned vehicles, and other personal effects of unusual size or nature by securing the item in such a manner that will withstand handling and transportation

BLA Bill of Lading Attendancy

BLC Bill of Lading Charge

BLD Billed Demand

BLK Blocking and Bracing Charge

BLW Blower Charge

BND Bond Charges

BOB Bobtail Charges

BOP Bop Sheet Charge

BRA Basic Reorder Allowance

BRD Bridge Toll

BRG Aqua Train

BSC Bunker Surcharge

BSS Broker Selection Surcharge
Charge applied when rerouting is required for clearance by customer-specified broker

BTC Bi-level, Tri-level Charges

BU2 Bunker Adjustment - 20 Foot Container

BU4 Bunker Adjustment - 40 Foot Container

BUA Bunker Adjustment

BUR Bureau Report Charge
A document received from an agency

BYD Beyond Charge

CA1 Currency Adjustment - Break Bulk

CA2 Currency Adjustment - 20 Foot Container

CA4 Currency Adjustment - 40 Foot Container

CAA Cancellation Charge

CAC Cash Discount

CAD Certification Fee

CAE Co-manufacturing Discount

CAF Competitive Allowance

CAG Competitive Car Allowance

CAH Compressor Charge

CAJ Crafting

CAK Customer Equipment Allowance

CAL Cutting Charge

CAO Co-op Credit

CAP Car Loading

CAQ Contract Escalation

CAR Car Rental

CAS Container Deposits

CAV Contract Allowance

CAW Cooperative Advertising/Merchandising Allowance (Performance)

CAZ Claims Commercial Auto Report Charge
Information concerning an automobile claim for a business

CBL Copy of Bill of Lading Charge

CBO Cents Off

CBP Competitive Price

CBR Carrier

CBW Container Allowance

CBX City Sales Tax (Only)

CCA Carrier Credit Allowance

CCH Certification Charge

CCP Claims Commercial Property Report Charge
Information concerning a property claim for a business

CCR Concession Credit
Credit to adjust the billed amount due to a predefined discounting arrangement

CCS Carrier Caboose Charge
Service charge for carrier-furnished caboose

CDA Carrier Debit Allowance

CDD Corrosion Additive Service Charge

CDF Cancelled Order, Heavy Duty Flatcar

CDL Cubic Density and Capacity Load Adjustment
Shipments that occupy over 750 cubic feet with a density of less than 6 pounds per cubic foot

CDR Copy of Delivery Receipt Charge

CER Container Service Charge UK/EUR

CFC Customs Fees - Container Level

CFL Customs Fees - Lift Level

CGC Carrier Guard Car Charge
Rail charge for each carrier guard car used by attendants accompanying freight shipments

CGL Canada Great Lakes Additionals

CGR Return Carrier Guard Car Charge
Rail charge when an unoccupied guard car is returned to a location other than the original shipping point

CGT Cargo Taxes

CHE Chassis Equipment Lease Charge

CHG Charges Forward/Advance Charge

CHN Chain and Binders

CIR Special Circus Trains

CIS Constant Surveillance
Motor security service providing continuous surveillance and custody of a shipment in transit

CLC Chicago Loop Charge

CLD Container Loss/Damage

CLN Cleaning Charge

CLS Container Leasing

CMC Concession Money

CMF City maintenance fee

CMI Continuous Mileage

CMP Camp Arbitrary

CNS Consolidation

CNV Converting

COA Commission Amount

COC Connect Charge
Charge for connection to termination point for the communication

COD COD Amount

COF Ocean Freight

COL Fee for Collecting COD Charge

COM Combination

CON Congestion Surcharge

COP Port Changes

COR Core Charge

COU Consignee Unload

CPA Claims Personal Auto Report Charge
Information concerning an automobile claim for one or more individuals

CPC Copilot Service Charge

CPE Computer Processing Expense
Costs incurred on behalf of a client which resulted from processing information via a computer

CPP Claims Personal Property Report Charge
Information concerning a property claim for one or more individuals

CRA Cost recovery/adjustment

CRD Crane at Destination

CRF Cost Recovery Factor

CRO Crane at Origin

CRP Court Reporter Charge
The mechanism used to notate a court session and legal documents

CRR Credit Report Charge
Charge for information associated with an individual's financial credit report

CRS Courier Services

CRX Cross-dock Fee

CSA Closing & Sealing

CSC Contract Service Charge

CSE Customs Entry

CSF Customs Formalities

CSP Government Caboose Charge
Service charge for carrier furnished caboose for use by government personnel

CSR Conservation research fee

CST Cassette
Charge for cassette tapes and machinery

CTA Container/Trailer Allowance

CTC Container Service Charge USA/Canada

CTD Customer Required Special Truck at Destination

CTE Court or Trial Expense

CTF Chassis Transfer

CTG Cartage Charge

CTL Controlled Atmosphere

CTO Customer Required Special Truck at Origin

CTR Circuitous Routing Charge

CTX Customs Exams (Intensive, Tailgate)

CUA Currency Adjustment

CUD Currency Discount

CUF Currency Adjustment Factor

CUP Customer Paid Deductible

CUS Customs Charge

DAA Deficit Freight

DAB Deposit

DAC Distributor Discount/Allowance

DAD Drum Up Charge

DAM Damaged Merchandise

DBD Dockage - Boat Detention

DBL Double Wide Separate and Reassemble
The additional service charge or order for a transportation carrier to separate each unit of a double-wide mobile home and prepare for movement and reassemble the double-wide mobile home after transportation from one location to another has been performed

DBP Delivery of Fuel from Barge to Pipeline Charge

DCD Dedicated Switch Engine Crew at Destination

DCE Damage to Carrier Equipment

DCN De-Consolidation
Separating a consolidated shipment, usually containerized, into its original constituent shipments for delivery to their respective consignees

DCO Dedicated Switch Engine Crew at Origin

DCS Disconnect charge

DCT City Delivery

DCV Damage to Carrier Vessel

DDA Defective Allowance

DDC Drum Cost

DDD Drum Deposit

DDF Dowel Pin Charge

DDN Dual Driver with National Agency Check
A charge for a security service where a carrier must allow the government to perform a National Agency Check (NAC) on personnel involved in a government shipment

DDP Dual Driver Protective Service
Motor security service that provides two (dual) drivers in the same vehicle, one of whom must be in attendance at all times

DDS Deaf and Disabled Surcharge
Surcharge assessed to fund the provision of services to the handicapped by mandate of the local Public Utilities Commission

DDZ Drayage at Port of Debarkation (Zone Rate)

DEA Demurrage - Average Agreement

DEB Detention: Vehicle with Power Unit (Bulk Petroleum Product Shipments)

DED Deductible
Amount the insured parties must provide out of their own pocket

DEL Delivery Charge

DEM Demurrage

DEP Detention of Power Units

DER Derrick Charge

DES Demurrage - Special

DET Detention of Trailers

DEV Texas Rail Commission Deviation Charge
Charge required to be levied by the Texas Railroad Commission to conform to filed rates

DEW Detention Without Power Unit
Motor charge when carrier's vehicle without power unit is held beyond the allowable free time for loading/unloading

DEZ Drayage at Port of Embarkation (Zone Rate)

DFD Keep from Freezing Percent Differential

DFM 410 Dromedary with Mechanical Restraining Devices Charge
A service where the carrier furnishes a 410 cubic foot dromedary which is equipped with properly installed mechanical restraints and devices for the blocking and bracing of freight

DFS 410 Dromedary
Demountable 410 cu. ft. shipping container that can be fastened to the chassis of a truck, tractor, or flat bed

DFW Delay Furnishing Destination Weights

DGE Damage to Government Equipment

DGS Dangerous Goods Surcharge

DIC Diversion Charge

DIR Direct Repair
Specific repair locations where an insured party may drive in, receive an estimate, and obtain the necessary repairs

DIS Distribution Service

DIV Diversion and Reconsignment

DLH Drayage/Line Haul

DLP Delivery of Fuel from Rail Tank Car to Pipeline Charge

DMC Deadhead Mileage Charge

DMD Demand charge

DNA Dunnage Allowance
Motor allowable deducted from line-haul charges for dunnage used to protect and secure shipments for transportation

DOC Documentation Charge

DON Deposit in Lieu of Order

DOV Container Diversion

DPB Delivery of Fuel from Pipeline to Barge Charge

DPD Drayage at Port of Debarkation

DPE Drayage at Port of Embarkation

DPL Delivery of Fuel from Pipeline to Rail Tank Car Charge

DPR Depreciation
Amount by which an item has decreased in value

DPT Delivery of Fuel from Pipeline to Tank Truck or Trailer Charge

DPU Detention with Power Units (30 minute periods) Charge

DRC Drayage

DRP Deramping

DRV Driver License Record Report Charge
Report on a licensed driver's driving record

DRY Dryer Charge

DSC Discount

DSF Detention - Special Type Flat Car

DSM Dromedary with Mechanical Restraining Devices Charge
A service where the carrier furnishes a regular size dromedary which is equipped with properly installed mechanical restraints and devices for the blocking and bracing of freight

DSR Dromedary Service Charge
Demountable 155-200 cu. ft. shipping container that can be fastened to the chassis of a truck, tractor, or flat bed

DST Container Destuffing
DTA Diversion to Air Charge
DTB Detention (Labor)
DTC Destination Charge
DTD Destination Duty
DTF Destination Inland Freight
DTH Destination Terminal Handling
DTL Detention Loading
DTN Power Detention at Unloading
DTO Power Detention at Loading
DTP Delivery of Fuel from Tank Truck or Trailer to Pipeline Charge
DTQ Trailer Detention at Loading
DTR Trailer Detention at Unloading
DTU Detention Unloading
DTV Detention (Vehicle)
Rail charge when rail-owned/leased trailers/containers on flatcar service are detained for loading/unloading
DWC Driver's Wages
DWP Detention with Power Units (60 minute periods) Charge
EAC Exchange Access Credit
Monthly credit per Telecommunications line, issued to offset a reduced rate calling plan available in another geographic area
EAX Extra Axles
The additional service charge or order for a transportation carrier to install and rent an axle with wheels, tires, and brakes required for the transportation of a mobile home
EBD Exhibition Delivery Charge
EBP Exhibition Pickup Charge
ECC Will Call Charge
ECR Escort/Courier Service Charge
ECS Empty Railcar Ordered But Not Used Charge
EDD Equipment Hose at Destination Charge
Service charge for supplying special hose equipment for dispatching bulk fuel at destination
EDO Equipment Hose at Origin Charge
Service charge for supplying special hose equipment for dispatching bulk fuel at origin
EEA Early Buy Allowance
EEB Early Payment Allowance
EEC Escalation
EEF Expediting Fee
EEG One Time Engineering Charge
EEH Engineering Charge
EEP Expediting Premium
EEX Export Shipping Charge
EGD Dedicated Switch Engine at Destination
EGO Dedicated Switch Engine at Origin
EIC Export/Import Charge

ELS Extra Lights
Motor charge when a state agency requires extra lights be placed on an overdimensional shipment

EMR Emergency Response Service

EMS Emergency Surcharge

EMT Empty Movement
Motor charge when empty movement of equipment is required

ENC Energy charge

ENS Energy Surcharge (Fuel Adjustment Factor)

EPC Emergency Port Charge

EPS Environmental Protection Service

ERS Empty Return
Motor charge when empty equipment is returned from the destination to point of origin to support a DoD initiative

ERT Satisfactory Service Standards Charge

ESA Early Ship Allowance

ESC Emergency Service

ESD Estimated Customs Duty (Dutypaid - Charge)

ESE External Service Expense
Expense incurred by an organization for work done by an agency outside of the company assigned to provide a service

ETR Empty Trailer Returned Charge

EUC European Port Charges

EVC Excessive Value Charge

EXC Exclusive Use Charge

EXD Extra Driver

EXL Extra Length

EXM Excess Mileage Charge

EXP Expedited Service Charge

EXS Excess Periods

EXW Excess Weight
A special charge incurred by shipments that exceed the weight agreed to

EXZ Expando Remove and Install
The additional service charge or order for a transportation carrier to prepare, separate, and seal an expando room attached to a mobile home prior to movement and secure the room at destination after the transportation from one location to another has been performed

FAB F.E.T. Federal Excise Tax

FAC F.E.T. (Percent)

FAD F.E.T. (Dollar Value)

FAE Fabrication Charge

FAF F.E.T. Tires

FAG Freight Equalization

FAH Freight Surcharge

FAK Barge Freight All Kinds Service

FBD Freight, Based on Dollar Minimum

FCB Freight Charges to Border

FCD Freight Charges to Destination

FCI Freight Charges Inbound and Outbound
Charge or allowance is for freight charges both ways

FCS Furnishing Chassis
Rail charge when chassis are furnished by carrier to effect pickup or delivery of containers in Container on Flat Car (COFC) service

FDD Flat Deck Delivery

FDL Food and Lodging

FDS Financial Document Surcharge
Charge for special handling of financial documents

FED Federal Fee
A fee assessed by a federal agency.

FFC Fuel Filters Furnished by Carrier Charge

FFI Finance Charge

FFL Freshness/Leaker Allowance

FFN Special Finish Charge

FFP Freight Passthrough

FFR Flat Rate

FFS Fuel Filters Furnished by Shipper Charge

FIR Fire Report
Report produced by the fire department that tended to a fire loss

FLS Flatrack Surcharge

FLT Ferry Service

FMR Foreign Military Sales (FMS) Rental
Costs to a supplier under contract to a prime contractor for using government-furnished equipment or facilities to make military parts for a foreign government; must be specified in the quotation and addressed as a separate line item in the purchase order

FMS Foreign Military Sales (FMS) Special Charge
Surcharge added to orders for the sale of military hardware to a foreign country as authorized by the U.S. government

FRC Franchise fee

FSF Fire Department Service Fee

FTC Federal Transfer Surcharge
Surcharge to recover cost associated with the transfer of bill inquiry services to AT&T

FTR Filtration Service Charge
Service charge for providing pipeline filtration service

FUE Fuel Charge

FWA Forwarding Agent Commission

FWC Forwarding Charge

FXE Texas Rail Commission Fixed Charge
Charge fixed as defined by the Texas Railroad Commission

GAR Garment District

GAT Gate Inspection Charge (Intermodal)

GDR Grain Doors

GGA Glaze Allowance

GGF Gold Factor

GKT Gasket
A piece or ring of rubber, metal, etc., used to make a joint leakproof

GMS Garment Surcharge

GOC Government-owned Containers
The additional service charge or order for a transportation carrier to utilize containers provided by the U. S. government for movement of used personal property belongings to U. S. government employees

GPD Gulf Port Delivery Charge

GRD Groupage Discount

GRS Gross Receipts Surcharge
Surcharge to recover revenues paid to the jurisdiction as annual gross earnings tax

GSP Government Guard Car Charge
Service charge for carrier-furnished guard cars for use by government personnel

GSS Greater Security Service
Rail security service providing seal tracing and inspection for rail movement of unclassified sensitive cargo

GST Goods and Services Tax Charge

HAN Handling Charges on Distribution Freight Forwarded Beyond

HAZ Hazardous Cargo Charge

HBD Harbor Dues

HDF Heavy Duty Flat Car Charge

HDG Holding Charge

HDH Shipment Holdover Charge for Holidays
Shipments may be held over on holidays for delivery the following normal workday morning when requested by the shipper; applicable for perishable subsistence.

HDW Shipment Holdover Charge for Weekends
Friday pickups may be held over for Monday morning delivery when requested by the shipper for the convenience of the consignee. Applicable for perishable subsistence

HET Heat in Transit Charges

HFA Handling Freight At Positions Not Immediately Adjacent To Vehicle Charge

HGV France Heavy Goods Vehicle (HGV) Ecotax

HHA Hauling and Hoisting to be Direct Billed

HHB Handling

HHG Household Goods Pickup or Delivery

HIC Highway Interchange

HLF Home Line Freight Charge
Special rate under most joint railroad facility contracts

HMA Accessible Hazardous Material

HMI Inaccessible Hazardous Material

HOC Hook-up charge

HOL Sunday or Holiday Pickup or Delivery

HOS Hose Charge

HOX Hose Charge Special

HRS Heater or Refrigeration
Rail charge when shipments of commodities require protective service from the heat or cold

HSC High Security Red In-bond Seal Charge
HST Harmonized Sales Tax
HUL Heavy Lift
HZC Hazardous Materials Surcharge Charge
HZD Hazardous Cargo on Deck
HZS Hazardous Storage
IAA Industry Price Allowance
IAB Income Freight (Manufacturing to Shipping Point)
IAC Inspection Fee
ICE Cooling Service
IDC Idler Car Charge
IDD Improper Documentation
IDL Inside Delivery
IDP Interdivision Profit
When one division of a corporation becomes a supplier to another division, an Interdivision Profit is specified separately (on non-competitive purchase orders associated with U.S. Government contracts and it is not to be included in the unit price or material cost)
IFC Inbound Freight Charges
IHT Interstate/Highway Toll
IIA Invoice Adjustment
IIH Icing Inhibitor Charge
IIP Item Percentage
IIU Item-Unit
ILD Island Delivery Charge
ILF Initial License Fee
A one-time fee charged by a manufacturer to a customer to license the manufacturer's products
ILP Island Pickup Charge
IMP Impactographs
Motor charge when impactographs are provided at the request of the shipper or consignee
IMS Intermodal Shipment Service Charge
INC Insurance Surcharge
INL Inspector Requested for Loading
INP Interplant Charge
INR Interest on refund
INS Insurance
INT Interpreter Expense
IPC Intra-plant Charge
IPU Inside Pickup
IRA Irish Arbitraries
ISD Interest on security deposit
ISO Intermodal Storage (Origin)
IST Intermodal Storage (Destination)
ITC Insulated Tank Charge

ITS Interline Transfer Charge
JST Junction Settlement Charge
KIT Glass Kit
Additional materials necessary for the installation of glass
LAA Labor Charges
LAB Extra Labor (Helper Service)
LAC Lading Adjustment Charge
LAD Labor (Repair and Return Orders)
LAE One-Time License Fee
LAL Labor Adjustment Allowance
LAS Commingling/Loss Allowance Charge
LAT License and Title
LAY Layover Charges
LBR Light Bar Service Charge
LC2 Land Currency Adjustment Factor - 20 Foot Container
LC4 Land Currency Adjustment Factor - 40 Foot Container
LCG Late Order Charge
LCL Percent Differential - Less than Container
LCR Labor Cost of Removal
LDA Loading Allowance
LDG Loading
LDL Unloading Allowance
LDS Locomotive Delayed in Switching Service
LEC Less than Container
LFC Lift Charge (Intermodal)
LFD Linehaul from Port of Debarkation
LFT Lift Gate (Truck) or Forklift Service at Pickup/Delivery
LGD Lodging
Temporary housing
LHS Linehaul Service
The additional service charge or order for a transportation carrier to provide special linehaul services; i.e. to or from a temporary storage site, for used household goods not included in the normal transportation from origin to destination locations
LID Recurring License Fee
A periodic fee charged by a manufacturer to the customer to license the manufacturer's product
LIE Liability of Carrier Charge
LLB Limited Liability
LLC Lot Charge
LLD Lead Factor
LLF Loan Fee
LLS Local Sales Tax (All Applicable Sales Taxes by Taxing Authorities Below the State Level)
LMC Labor, Modify
LMD Liner Terms at Port of Debarkation
LME Liner Terms at Port of Embarkation

LNT Labor, No Trouble Found
LOA Loading (Labor Charges)
LOC Local Delivery/Drayage
LPC Late payment charge
LPD Linehaul Percent Differential
LPF Laboratory Pack Fee
Charge for special, leakproof envelopes used to transport body fluids
LQD Liquidated Damages
LSC Labor Service
LSH Lashing
LSS Lifeline Surcharge
Surcharge assessed to provide services to the economically deprived
LTC Labor, Test and Calibrate
LTE Linehaul to Port of Embarkation
LUB Lubricant Charge
LUP Locomotive Under Own Power
LUS Leaking underground storage tax (LUST)
LYC Layover Service Charge
MAA Metals Surcharge
MAB Mileage or Travel
MAC Mileage Fee (For Repair and Return)
MAD Minimum Order/Minimum Billing Charge
MAE Monthly Rental
MAR Marriage Rule
MAT Modified Atmosphere
MCC Machining Charge
Covers tasks procured in addition to outside production requirements set forth in a purchase requisition
MDG Molding
Shaped trim that borders an object
MDM Mount/Demount
MEM Membership Fee
MEA Meals or Lodging Charge
MEN Escort Service with Overnight Subsistence
Motor charge when movement hour restrictions require an escort vehicle driver or flagmen to stay overnight
MES Escort Service
MET Escort Service (Telephone)
Motor charge when shipper/consignee requests that vehicles be equipped with mobile telephones or two-way radios
MFC Manifest Charge
MFG Manufacturing
MGA Message Rate Adjustment
Adjustment to account for a message billing error

MGC Message Charge
Charge for messages incurred through the use of a service

MIC Minimum Charge

MIL Special Mileage Movements

MIN Minimum Guarantee

MKU Markup Charge
Amount of price increase due to various circumstances

MLB Minimum Bill of Lading Charge

MLS Meals
Charge incurred for meals

MMC Minimum/Maximum Charge

MMF Mill Freight

MMS Market Development Funds

MMT Metropolitan Transit Tax

MNC Notify Consignee

MNS Motor Surveillance Service
Motor security service which provides shippers with visibility of their shipments from origin to destination

MPC Miscellaneous Parts Charge

MRK Marking or Tagging Charge

MRP Medical Report Charge
Report of an individual's medical condition

MSC Other Accessorial Service Charge

MSG Miscellaneous Charge

MTR Meter Charge

MUS Municipal Surcharge
Surcharge assessed to recover additional expense related to local utility gross revenue

MVR Motor Vehicle Report (MVR) Charge
Report of a person's driving history

MVS Special Motor Surveillance Charge
Motor security service which provides shipper with extraordinary visibility of their shipments in transit

MVT Venting Instructions

NAA Non Generated Freight

NAB New Store Allowance

NAL Nozzle Charge

NCH Order Notify Charge

NDA Next Day Air Service

NDS Non-document Surcharge
Charge for additional clearance processing of non-document freight

NFY Carrier Notification Charge

NHB N.H.D. Wharfage

NSD New Store Discount

NWD New Warehouse Discount

NYD New York Delivery Charge

NYP New York Pickup Charge
OAA O.T.O. Charge
OAB Overrun Charge
OAC Overtime Loading
OCH Ocean Charges -- Hazardous
OCN Over Height Container
OCP On Call Pickup Service
ODF Collect on Delivery Deletion Charge
OFR Official Report Charge
Reports written by an official organization (police, fire, etc.)
OFU Fumigation
ONC On Carriage
OOC Option Charge (Color Fabric Office Furniture)
OOD On Deck Break Bulk Differential
OOF Order-Flat
OPC Optional Charge
ORC Operator Credit
Adjustment billed amount for operator issued credits
ORM Out of Route Miles
ORS Receipt/Issue Overtime Normal Business Hours Charge
OSC Outside Charge
OSO Optional Software Support for Operational Support Systems
OSS Optional Software Support for Switching Systems
OTH Origin Terminal Handling
OUT Out of Zone Pickup or Delivery
OVN Overnight Service
OVR Over Dimension
OWC Over Width Container
PAA Percent of Product
PAC Pump Air Charge
PAD Premium Charge
PAE Premium Transportation
PAF Price Deviation
PAG Professional Fees
PAH Promotional Allowance
PAI Promotional Discount
PAJ Pump Charge
PAK Preparation and Delivery
PAL Parts Adjustment Allowance
PAR Parts Charge
PAT Priced Parts Charge
PAV Pickup of Shipments on Saturday, Sunday, and/or Holidays Requiring Absolute Next Day Delivery Charge
PBA Prior billing amount

PBE Permits Bonds Escort Attendant

PBL Pier Charges Other Than Wharfage

PCH Protective Service Charge

PCT City Pickup

PDB Prior Delivery Of Bill Charge

PDC Preloading Charge

PDS Pickup and Delivery from Storage in Transit
The additional service charge or order for a transportation carrier to pick up a household goods shipment at, or deliver to, a temporary storage facility

PDY Pickup and Delivery Beyond Service Area Charge

PEC Pallet Exchange Charge

PEN Penalty Charge

PER Permit Charge

PFA Power Factor Adjustment

PHC Photocopy
Copy of any document produced by a copy machine

PHG Photographs
Photo pictures taken by a camera

PIR Pier Pickup and/or Delivery

PKS Packing Surcharge

PLC Insurance Placement Cost Charge

PLT Pallets/Skids/Platforms
Provides for the exclusion of pallet weight from shipment weight not to exceed a stated percentage of total shipment weight

PMC Prior Month Credit
Adjustment to WATS billing for the amount of WATS charges billed in the prior period; issued when delayed usage has been received and the previous months billing has been recalculated using the complete usage information

PMR Paint and Materials
Paint and the items necessary to perform repair work

PMS Pickup of Shipments Requiring Same Day Delivery Service Charge

PMT Pickup of Shipments Requiring Same Day Delivery Service and/or Delivery at a Specified Time Charge

PMU Normal Pump Charge

PMX Special Pump Charge

PNA Prior Period Net Adjustment
Adjusting entry that corrects a previously invoiced amount

POC Piano/Organ Carry
The additional service charge or order for a transportation carrier to provide special handling and transportation for a piano or organ as part of a household goods shipment

POD Proof of Delivery

POF Policy Fee
A miscellaneous fee associated with administering the policy.

POL Police Report Charge
Document produced by the police department describing a particular incident

POS Positioning at Origin

PPC Per Pound Charge
PPD Pickup and Delivery Service for Perishables Charge
PPH Per Item Charge
PPI Pick/Up Allowance
PPM Precious Metal Content
PPN Pallet Charge
PPO Per Order Charge
PPR Performance Award
PPS Placement and/or Removal Charge
PPT Parish/County Sales Tax (only)
PPU Prepaid Usage Allowance
Adjustment to billed amount of Optional Calling Plan charges to credit account for Prepaid usage; this credit will not create a negative billed amount
PRB Prior Balance
PRC Pre-carriage
PRD Portable Ramps at Destination
PRE Pre-carriage Excess
PRK Parking
Charge incurred for parking a vehicle
PRL Prelodge Charge
PRM Premise Use
PRO Portable Ramps at Origin
PRP Prior Period Rebook
Corrected invoice amount that should have been invoiced originally
PRV Prior Period Reversal
Reversal of a previously invoiced amount that was billed incorrectly
PSC Protective Service - Cold
PSD Preparation of Special Documents
PSG Protective Service Security with Armed Guards
Motor charge for Protective Security Service when shipper requires one or both cleared drivers be armed
PSH Protective Service - Heat
PSS Protective Service Security
Motor security service provided by cleared carrier for movement of Department of Defense secret shipments
PST Postage
PTC Tobacco Products Report Charge
PTS Protective Tarp for Security Purposes
Motor charge when shipments containing classified material are tarped by the carrier for security purposes
PTX Provincial Sales Tax
PUC Pickup Charge
PUD Pickup and Delivery
PUK Pack and Unpack
The additional service charge or order for a transportation carrier to provide packing services

at the origin location and unpacking services at destination site, including labor, packing material, and containers, as part of a household goods shipment

PVB Bonded Privately Owned Vehicle Charge
PVD Detention of Privately Owned Vehicle Charge
PVI Inoperable Privately Owned Vehicle Charge
PVL Loading/Unloading of Privately Owned Vehicle Charge
PVP Privately Owned Vehicle Processing
PVS Stop-offs for Privately Owned Vehicle Shipment Charge
PVT Privately Owned Vehicle in Truckaway Service Charge
PWH Pier Charges - Wharfage
PWT Pallet Allowance
PYS Priority Service Charge
QAA Quantity Surcharge
QQD Quantity Discount
QST Quebec Sales Tax
RAA Rebate
RAB Reclamation, Federal
RAC Reclamation, State
RAD Recovery Allowance
RAE Redistribution Allowance
RAF Rental Deduction
RAG Repack Charge
RAH Retainer
RAI Resellers Discount
RAJ Restocking Charge
RAK Royalties
RAL Roll Rebate
RAM Ramping
RCA No Return Credit Allowance
RCB Repair at buyers expense charge
RCC Reconsignment Charge
RCD Reconsign Consignee Charge
RCE Repair at customer expense charge
RCF Returned Check Fee
A fee associated with a check returned for insufficient funds.
RCG Repair at government expense charge
RCL Redelivery
RCP Recoopering (at Owner's or Shipper's Expense)
RCS Reconnect charge
RDC Reconsign Delivery Charge
RDF Research & development fee
RDH Railhead Handling
REC Return Cargo Charge

REE Regulatory Fee
Surcharge levied to fund a state regulatory commission

REF Refrigeration

REG Regulatory tax

REI Reinstatement Fee

REL Requested Labor Charge

REP Residential Pickup

REQ Request Via Canada

RES Residential Delivery

RET Returned Load

REX Retention Tax

RFD Refund
Amount of refund awarded to the customer due to a regulatory committee action

RFM Reefer Maintenance

RGA Regain Allowance

RGC Regain Charge

RHM Recurring Hardware Maintenance Charge
A periodic fee charged by a manufacturer to pay for maintenance on computer hardware as covered in a maintenance contract

RID Riding Attendant Charge

RIE Released Value Charge in Excess of Carrier Maximum Liability Charge

RIS Rail Inspection Service

RLA Retail Loss Allowance
A standard discount to compensate a retail organization for the cost of lost or damaged items during operations

RLC Rents and Leases

RLQ Relinquishment Charge

RLS Relocation of Vehicle
Motor charge when carrier is requested to move a vehicle from one platform doorway or shipping room to another

RMB Rocky Mountain Bureau 583 Item 1100 Arbitrary Charge

RMC Return of Empty Container Charge

RMD Refrigeration/Mechanical Detention

RMP Return Movement of Pallet Charge

RMS Rail Surveillance
Rail security service performed by the rail carriers in the movement of Government unclassified sensitive cargo

ROC Roll Out Adjustment

RPC Reduction Prepalletized Cargo

RPD Reefer Cargo Percent Differential

RRC Reel Cable

RRD Reel Deposit

RRF Refurbishing Charge

RRN Rental Charge

RRP Repair Charge

RRR Regulatory required refund

RSM Recurring Software Maintenance Charge
A periodic fee charged by a manufacturer to pay for maintenance on computer software as covered in a maintenance contract

RSP Reshipment
The additional service charge or order for a transportation carrier to prepare a household goods shipment for onward movement when the shipment is diverted to a new destination location

RSS Restricted Speeds
Charge when the unusual nature of the shipment requires the carrier to operate at speeds below its normal limits

RST Respotting

RSV Reservations
Shipper may reserve space in a vehicle for second and third Priviso commodities moving via Household Goods motor carriers only

RTC Rate Code

SAA Subject to Cooperative Advertising Allowance

SAB Shipping and Handling

SAC Service Charge (with Cash Discount)

SAD Scrap Allowance

SAE Shrink-Wrap Charge

SAF Special Credit

SAG State Motor Fuel

SAH Stenciling Charge

SAI Super Fund Excise Tax

SAJ Surcharge (Dollar Value)

SAK Surcharge (Percentage)

SAM Stopcharge

SAN State Sales Charge

SAP Service Assistance Program Surcharge

SAS Shipment Holdover on Weekends Charge

SAT Saturday Pickup or Delivery Charge

SBC Standby Charge

SBL Sublet
To contract another individual or organization to perform a duty or to fulfill an obligation that was not theirs originally

SCC Special Seal Charge
The additional service charge or order for a carrier to use specially constructed containers for oversized or fragile items as part of a household goods shipment

SCD Special Containers
The additional service charge or order for a transportation carrier to use specially constructed containers for oversized or fragile items as part of a household goods shipment

SCG Small Order Charge

SCL Scale Charge

SCN Second Day Service

SCU Scale Charge Unloading

SDC Special Detention Charge

SDL Split Delivery

SDS Special Dromedary Service
Demountable shipping container (special sizes) than can be fastened to the chassis of a truck, tractor, or flat bed

SDW Second Day Hundredweight Service

SEC Special Equipment Charge

SEE Stairs, Elevator, Excess Carry
The additional service charge or order for a transportation carrier to use stairs, elevators, or long carry as part of the origin or destination services on a household goods shipment

SEG Segregating (Sorting)

SEL Self Unloader

SEQ Ship Exact Quantity Charge

SER Service Charge

SEV Security Escort Vehicle Service
Motor security service where carrier provides an escort vehicle to maintain surveillance of the cargo vehicle

SFB Single Factor Origination/Destination

SFC Stuffing Charge

SFD Single Factor Origination/Port of Debarkation

SFE Single Factor Port of Embarkation/Destination

SFT Special Train Movement

SGL Single Pickup

SHH Shipment Holdover on Holidays Charge

SHL Shipper Load

SHS State Hazardous Substance Tax
A tax that is paid by the first party to own a hazardous substance within the state

SHW Shipment Holdover on Weekdays Charge

SKT Skirting and Unskirting
The additional service charge or order for a transportation carrier to remove skirting from the mobile home prior to movement and reinstalling the skirting at destination after the transportation from one location to another has been performed

SLC Street lamps charge

SLP Slip Sheet Charge

SMS State/Metropolitan Transit Authority Surcharge
Surcharge to offset the cost of mass commuter transportation

SNS Satellite Surveillance Service
Motor security service which provides satellite tracking and in transit status of a shipment 24 hours a day

SNT Shipment from Non-temp Storage
The additional service charge or order for a transportation carrier to perform pickup and inspection of household goods from a long-term storage facility

SOC Stop-off Charge

SOP Stop-off at Pier Charge

SPA Special Allowance

SPB Special Buy

SPC Special Permits
SPD Spreader Charge
SPL Spool Charge
SPP Split Pickup at Pier Charge
SPS Special Freight Supplements
SPT Spotting of Trailer
SPU Split Pickup
SRG Storage
SRS Surveying Routes
Charge when, because of the unusual size or weight of the shipment, a survey of the route is required for its safety
SSA Salvage
SSB Super Bag Charge
SSC Stripping, Sorting, and Consolidation
SSF Single Shipment Fee
SSL Select Charge
SSO Pole, Wood-service Charge
SSP Shipside Pickup
SSR Safe Haven Secure Holding Refusal
SSS Software Support Service
SST Sales Tax (State and Local)
SSU Pole Lashing Equipment (PLE) Surcharge
SSX Sales and Use Tax
STA Conductivity/Anti-static Additive
STC State Surcharge
Surcharge to provide funds to the state, (specific use of funds not available to TBWG at this time)
STD Stop-off at Destination
STF Container Stuffing
STG Standard Ground Service
STL Standard Labor Charge
STM Steaming Charge
STO Stowage Charge
STP Stopping in Transit
STQ Stop-off at Origination
STR Storage in Transit
STT State Fee
STW Special tooling rework charge
SUC Special Use
SUF Sufferance Warehouse Charge (Export or Import)
SUP Supervisor Charge
SUR Surcharge
SVA Single Invoice Allowance
SVL Manual Surveillance of Shipment

SVS Storage of Vehicles
Charge for vehicles on a flat car held by carrier, beyond the free time allowed, for any reason not the fault of the carrier

SWC Switching Charge

TAA Telephone Charge

TAB Tank Rental

TAC Temporary Allowance

TAD Tax on Transportation

TAE Temporary Voluntary Allowance

TAF Terminal Differential

TAG Testing Charge

TAH Tool Charge

TAI Testing Allowance

TAJ Trade In

TAK Transportation and Setup

TAL Truckload Discount

TAR Tarping Charge

TAX Tax Charge

TAY Governmental Tax

TCB Telegram Chargeback
Adjustment for telegram charges billed on behalf of Western Union

TCM Transportation Charge (Minimum Rate)

TDT Truck Detention

TER Terminal Charge

TLC Trimming Charge

TMS Multi-Tank Surveillance Service
Charge for security service performed by railroads applicable when two M1 tanks are loaded on a rail car

TMV Tendering of Multiple Vehicles
Charge for delay when all vehicles on a flatcar shipment are not delivered to the ramp in a specified period of time

TOA Total Assessorial Charges

TOC TOFC Service Charge

TOW Motor Tow Away Service

TPA Carrier Equipment Pool Charge

TPC Throughput Container Charge

TPS Third-Party Service
The additional service charge or order for a transportation carrier to obtain independent contractors or companies to perform certain services on a household goods shipment that are not covered under an existing commercial or military tariff and the carrier is entitled to recover expenses or costs

TRA Travel Charge

TRC Trailer Rental Charge

TRE Travel Expense
Expense incurred for traveling from one location to another

TRF Transfer Charge

TRM Termination
The additional service charge or order for a transportation carrier to terminate the movement of a household goods shipment at origin or en route to a destination location

TRN Transit

TRP Process in Transit Privilege

TRS Transferred Charges
Adjustment for delayed charges or payments to an account number no longer in service

TRU Thruway Charge

TSC Testing Services Charge

TSL Technical Assistance for Loading Rail Cars

TSS Tank Surveillance Service
Charge for security service performed by railroads applicable when one M1 tank is loaded on a rail car

TST Track Storage

TTA Tank Car Allowance

TTB Transportation-Direct Billing

TTD Trade Discount

TTL Local Tax

TTM Tax on Miscellaneous Charges

TTP Third Party Allowance

TTR Throughput Allowance

TTS State Tax

TTT Transportation - Third Party Billing

TTU Tire Repair and Replace
The additional service charge or order for a transportation carrier to repair or replace military member-owned tires and/or tubes used on a mobile home

TTV Transportation - Vendor Provided

TUR Turning Charge

TWO Two Door Pickup

UBL Carrier to Unblock, Unbrace, and Untie

UFC Under Carriage Furnished By Carrier Charge

UND Unloading

UNL Unloading (Labor Charges)

UPD Usage Plan Detail Charge
Charges for providing additional usage details associated with a measured usage or Optional Calling Plan

UPK Unpacking
The additional service charge or order for a transportation carrier to perform unpacking services on an unaccompanied baggage shipment that are not covered under the carrier filed transportation rate

URC Unloading/Reloading Charge

USF Use - Special Type Flat Car

USV U.S. Vehicles

USW Unabsorbed Switching

UTL Utilities Disconnect and Connect
The additional service charge or order for a transportation carrier to disconnect utilities attached to a mobile home prior to movement and reconnect utilities at destination after transportation from one location to another has been performed

UTP Use charge tooling/personnel

UUC Up Charge

UUM Unsalable Merchandise Allowance

UUT Use Tax

VAA Vendor Freight

VAB Volume Discount

VCL Van Cleaning

VCR Voluntary contribution charge

VEX Excess Mileage for Stop-off Delivery of Personal Vehicles Charge

VFN Vehicles Furnished But Not Used
Charge when a vehicle is furnished at shipper's request and loading of such vehicle is subsequently cancelled by shipper

VIS Vehicles Inoperable
Charge when a vehicle is inoperable and is loaded/unloaded in truckaway service by the truckaway driver

VIT Virgin Island Transfer Charge

VOR Vehicle Ordered but Not Used

VSO Stop-off Delivery of Personal Vehicles Charge

VTS Vehicles in Truckway
Charge when vehicles, before loading in truckaway service, exceed 64" in height measured from ground to top of vehicle

VVL Vehicle Load Allowance

VVP Vehicle Prep Charge (courtesy delivery)

WAR War Risk Surcharge

WAT Wide Area Telephone Service (WATS) Usage Credit
Credit given to eligible WATS usage having chargeable hours exceeding a minimum quantity

WBB Wharfage - Breakbulk

WCT Wharfage - Container

WDS Waterfront Delivery Charge
Service charge for waterfront delivery of bulk fuel

WEA Weather Protection

WEI Weighing Charge (Intermodal)

WFG Wharfage

WFH Wharfage & Handling

WFT Wasted/Futile Trip

WHC Warehouse Charge

WRB War Risk Crew Bonus

WRC Load Weighing Charge

WRE Empty Weighing Charge

WRI War Risk Insurance

WSA Warehouse Allowance

WTG Waiting Time
WTM Waiting Time Service Charge
WTV Weight Verification Charge
WWC Wharfage Charge
Z01 Protective Service Rule 25
Charges for protective services not included in freight rate
Z02 Protective Service Rule 27
Charges for protective service on shipments in articulated cars
Z03 Protective Service Rule 37
Prepayment of protective service charges
Z04 Protective Service Rule 75
Change in protective service
Z05 Protective Service Rule 95
Protective service diversions and reconsignments
Z06 Protective Service Rule 140
Charges for disinfecting refrigeration cars
Z07 Protective Service Rule 160
Protective service on mixed shipments
Z08 Protective Service Rule 165
Freight in bunkers of refrigerator cars
Z09 Protective Service Rule 500
Protective service against cold
Z10 Protective Service Rule 510
Shippers protective service
Z11 Protective Service Rule 518
Charge on out-of-line or back haul on refrigeration cars
Z12 Protective Service Rule 530
Intermediate Stop or Hold Points and Destination Service at Origin on refrigeration equipment
Z13 Protective Service Rule 531
Charges for heater on shipments stopped in transit for partial unloading
Z14 Protective Service Rule 545
Transportation of heaters with freight
Z15 Protective Service Rule 565
Allowance to shippers for prewarming cars on shipment of potatoes
Z16 Protective Service Rule 570
Protective service on shipments destined to stations on Alaska Railroad
Z17 Protective Service Rule 580
Special heater protective service (from Western Territory)
Z18 Protective Service Rule 581
Special heater protective service (from Eastern and Southern Territories)
Z19 Protective Service Rule 705
Frozen commodities
Z20 Protective Service Rule 710
Nonfrozen commodities
Z21 Protective Service Rule 711
Modified mechanical protective service

Z22 Protective Service Rule 712
Shipper-specified mechanical service

Z23 Protective Service Rule 716
Liquid CO2 used in lieu of MPS in shipper-furnished cars

Z24 Protective Service Rule 720
Mechanical car used for shipments where MPS not ordered

Z25 Protective Service Rule 725
Detention of refrigeration equipment

Z26 Protective Service Rule 727
Detention at stations in Canada of refrigeration equipment

Z27 Protective Service Rule 735
Mechanical car ordered but not used

Z28 Protective Service Rule 740
Charge for frozen commodities stopped in transit

Z29 Protective Service Rule 760
Charges for refrigeration equipment on shipments stopped to complete loading or for partial unloading

Z30 Protective Service Rule 815
Protective service included in freight rate waybilling

Z31 Quality Differential
General code to be used for all quality associated differentials, including gravity, quality, sulfur, value-bonus, or equal barrel

Z32 Protective Service Rule 26
Non-application of Mechanical Protective Service Charges
SEE CODE SOURCE 112

Z33 Protective Service Rule 715
Shipper Furnished, Owned or Leased Cars
SEE CODE SOURCE 112

Z34 Protective Service Rule 745
Back or Out-of-Line-Haul Charges
SEE CODE SOURCE 112

Z35 Protective Service Rule 755
SEE CODE SOURCE 112

ZFF First Flight Out

ZZZ Mutually Defined

151 - Authority

Name or code of authority for authorizing action or reservation TYPE=**AN** MIN=**1** MAX=**20**

SEGMENTS USED IN (AS SIMPLE)

BA1 RP Y6

TRANSACTION SETS USED IN

135 300 301 303 304 310 311 312 350 601 834 858 859

152 - Special Handling Code

Code specifying special transportation handling instructions TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

AT5 B4 CSD G39 GR5 H3 IM SHR TD4 VC1 W06 W27 W6

TRANSACTION SETS USED IN

104 106 107 109 120 161 163 204 210 211 214 216 219 220 222 223 250 285 300 301 304 310 312 313 315 322 324 325 404 410 417 418 421 426 453 456 470 715 830 832 840 843 848 850 853 855 856 857 858 859 860 861 865 870 888 893 897 940 943 945

CODE	DEFINITION & EXPLANATION
00	Delivery of Fuel into Underground Storage Tank
01	Delivery of Fuel into Above Ground Storage Tank
15	Speed Restricted to 15 Miles per Hour
25	Speed Restricted to 25 Miles per Hour
35	Speed Restricted to 35 Miles per Hour
45	Speed Restricted to 45 Miles per Hour
AA	No Facial Hair *Respirator fit test requires no facial hair*
AB	Car is Air Brake Controlled
AC	Customer Required Packing List
AD	Customer Required PRO Number
AE	Customer Required Appointment Number
AF	Load on Top of Residue (Heel)
AG	Dispose of Residue (Heel)
AH	Humidity Sensitive Shipment
AJ	Do Not Stack
AK	Attachment - Auto Keys
AT	Attachment to Move with Car
AV	Annual Volume
AW	Attachments - Advance Only Waybill
BA	Clearinghouse Balance
BH	Back Haul Shipment
BL	Blowable Load
BN	If Bad Ordered Notify Shipper
BU	Buffer Car Service
BW	Bill Shipper for Weigh Charge
CC	Container, Consolidator Load *Full container*
CD	Attachment - Customer's Document
CE	Cleared for Export
CF	Container, Factory Load *Full container, not to be opened for consolidation*

CH Carrier
CI Customs Inspection
CM Attachment - Cotton Manifest
CO No Marshalling Required for Hazardous Materials
CR Circus Ramp Only (TOFC Van)
CW Bill Consignee for Weigh Charges
CX Top Load Only
CY Certification that this Shipment is for Recycling as Defined in Applicable Tariffs Containing Such Provisions
DA Dangerous
DE Demurrage
DK Auto-parts Rail Car to be De-racked
DM Domestic
DN Shipper Authorization Required for Diversion or Consignment
DP Moving under provisions of DOT SP-10656
DR Drop Yard
DS Delivery Only on Surrender of Written Order
DT Dead in Tow
DU Do Not Uncouple
DV Equipment
DW Destination Weights Apply
EB Embargo Shipment
ED Excessive Dimensions
Equipment exceeds operating restrictions but is not considered high/wide in interline movement
EE Electronic Equipment Transfer
EL Environmental Control Limits
The items contained in the shipment are subject to environmental controls whose limits are specified in the contract
EP Expedite
ER Return Empty Via Reverse Route
EV Damages Incurred if Shipment Fails to Meet Vessel Loading
EW Excessive Weight
EX Explosive Flammable Gas
FA Face "A-end" to Head of Train
FB Face "B-end" to Head of Train
FC Moving Under "For Furtherance Instructions" and May Be Delivered
FD Full Service
FG Flammable Gas
FL Flammable
FP Flammable Poison Gas
FR Fragile - Handle with Care
FS Nontransit Flat Shipment

GA Goods Astray
Goods that have crossed a border erroneously and are being transported back
GI Grain Inspection
HE Head End Car
HH Household
HM Endorsed as Hazardous Material
HO Hold for Orders
HP Heated Prior to Loading
HR Home for Repair
HT Heat
HV High Value Load
HW High Wide Load
IB In-bond
IC Ice
ID Shipment to be Inspected at Destination and Disposition Instructions will be Furnished
IM Interoffice Move
IP Import Shipment
IR Rail Incentive Rate
IS Surveillance Service
IT Intermediate Switch Service
JS Junction Settlement Account
KF Keep Frozen
LB Land Bridge (Import/Export)
LC Car Trip Leased to Consignee
LD Loading Devices
LF Loaded to Full Visible Capacity
LN Less Than Container, Consolidator Load
LP Protect Lowest Through Rate
LR Less Than Container, Factory Load
LS Local Service Only
LT Less Than Full Carload
MC Person in Charge of Car
MF Cleared for Border Crossing
MP Multiple Pickup
MR Mechanical Refrigeration
NC Notify Consignee Before Delivery
ND Do Not Divert
NE No Special Entrainment Required
NG Night Delivery Service
NH Do Not Hump
NI New Equipment First Transborder Movement
NL Navalock
NP Do Not Pool

NS Notify Shipper Before Reconsignment
NT Do Not Transfer Contents
NW In Case of Fire Do Not Use Water
NX Not for Export
OS Commodity Loaded Less Than or Equal To the Car Ordered
OV Overweight
PB Perishable in Box Car
PD Privately Controlled Private Equipment Subject to Demurrage
PG Poisonous Gas
PI Iced Prior to Loading
PS Product Protection Service
PW Attachment - Prepaid Waybill
RA Return Authorization
RB Render Bill for Charges
RC Railroad Controlled Private Equipment Subject to Demurrage
Equipment subject to paragraph #1 of tariff RPS6004 item 765 - allowing private equipment to be subject to demurrage when authorized by equipment owner
RD Restricted Commodity
RE Shipper Steam Ship Released
RM Radioactive Material
RO Rush Order
RP Rail Asset Management Process - Equipment Distribution (RAMP-ED) Traffic
RR Rear Rider
Operational restrictions require equipment to be run on the rear of a train only
RS Inspect Hourly if Car Stopped
RT Record for Transit
RV Residue in Excess of 7 Percent of Equipment Capacity
SA STARS Traffic
SB Shipper Load/Carrier Count
SC Shove to Rest and Cover
SD Subject to Special Detention Rules/Charges
SE Attachment - Shipper's Export Document
SH Shiftable Load
SI Ship to Cross Dock or Pool
SJ Ship to Furthest Destination First
SK Requires Shelf Couplers
SM Attachment - Shipper's Manifest
SP Attachment - Shipper's Packing Instructions
SR Speed Restricted
ST Stack Train
SW Stretch Wrap
A high-tensile film, stretched and wrapped repeatedly around a unitized load to secure and maintain unit integrity.
TA Cars Temporarily Articulated

TC Trailer, Consolidator Load
Full trailer

TF Trailer, Factory Load
Full trailer, not to be opened for consolidation

TK Intermodal Tank Service

TN Turn Car

TR Mobile Transportation Tray

TS Transit Shipment

TT Team Track Delivery

TV Time Volume Rates Only

UB Unload at Bumper (Circus Ramp)

UI Unitized

UL Unload from Left Side of Car
Left side of car determined by facing the "B" (brake) end of car

UN Unload as Placarded

UP Unprotected Perishable

UR Unload from Right Side of Car
Right side of car determined by facing the "B" (brake) end of car

US Shipper Certifies Gross Weight under 240,000 pounds

UT Unit Train

VN Verification Weigh

VT Ventilation Instructions

VV Special Unloading Requirements Due To Vandalism

WB Wide-Body Pickup Truck (Applies to Finished Vehicle Loading

WD Waived Inspection - Set Direct

WE Weigh Empty

WH Attachments - High Wide Notice

WI Waive Inspection

WM Manifest Must Accompany Waybill

WO Weigh to Check for Overload

WW Waste Water

XP Export

XT Cross Town

045 Advanced Fee

170 Certificate of Origin

405 Fuel Surcharge Authorized

510 Offshore - Alaska/Hawaii Service

520 Oversized Premium

550 Preparation of Air Waybill - Origin

555 Preparation of Canadian Customs Invoice

565 Preparation of Export Entry

570 Preparation of Insurance Certificate

585 Preparation of U.S. Export Documentation

665 Saturday Delivery

670 Saturday Pickup
675 Security Signature Service
761 Written Proof of Delivery
A1M Aggregate 1000
A3M Aggregate 3000
A5M Aggregate 5000
AAM Additional Material
Protective materials provided for blocking and bracing
AAS Attendants Accompanying
Rail service for government or contractor personnel accompanying freight shipments on freight trains
ADL Advance Loading
Service for advanced loading of bulk fuel
AFN Air Craft Furnished and Not Used
AGG Aggregate Tender Discount
AGS Armed Guard Service
AIB Additional Injection/Blending Service
Service for providing additional pipeline injection/blending service
ALP Port Changes
ALT Use of Alternate Terminal
AMM A.M. Delivery Requirement
ANC Anchoring and Unanchoring
The additional service charge or order for a transportation carrier to perform unanchoring services on a mobile home at one location and anchoring services at another location after transportation has been performed
APD Additional Copy of Shipping Papers for Proof of Delivery
APL Appliance Servicing
The additional service charge or order for a transportation carrier to service used household goods appliances by securing the item in such a nammer that it withstand handling and transportation
ARC Air Conditioning Disconnect and Connect
The additional service charge or order for a transportation carrier to disconnect an air conditioning unit attached to a mobile home and reconnecting the air conditioner after transportation from one location to another has been performed
ARG Rail Armed Guard Service
ARR Air Ride Tractor Service
ART Air Ride Truck Service
ASY Assembly Service Requested
AUX Auxiliary Service
The additional service charge or order for a transportation carrier to provide exclusive use of a vehicle as part of the movement of a household goods shipment
BCP Bypass Consolidation Point
BKA Bulky Article
The additional service charge or order for a transportation carrier to service motorcycles, tractors, riding lawn mowers, privately owned vehicles, and other personal effects of unusual size or nature by securing the item in such a manner that will withstand handling and transportation

BLK Blocking and Bracing

BLS Blind Shipment
Shipper's name inserted in place of the manufacturer's name on the shipping papers

BNS Bolster Load, Do Not Switch

BOX Boxing Service - Dry Bulk
Carrier responsible for transferring product into boxes at the point of delivery

BSC Bunker Surcharge Authorized

BU2 Bunker Adjustment - 20 Foot Container

BU4 Bunker Adjustment - 40 Foot Container

BUA Bunker Adjustment

CA2 Currency Adjustment - 20 Foot Container

CA4 Currency Adjustment - 40 Foot Container

CAR ROEE Car or Pickup Truck

CBC Case Label Bar Code

CCB Convert Commercial Bill of Lading (BOL) to Government BOL

CCH Certification

CCS Carrier Caboose
Service for carrier-furnished caboose

CDD Corrosion Additive Service

CFC Customs Fees - Container Level

CFL Customs Fees - Lift Level

CGC Carrier Guard Car Service
Rail service for each carrier guard car used by attendants accompanying freight shipments

CGR Return Carrier Guard Car Service
Rail service when an unoccupied guard car is returned to a location other than the original shipping point

CGT Cargo Taxes

CHN Chain and Binders
Motor service when more than eight sets are required to secure a shipment to flat bed equipment

CIP Commercial Invoice Preparation

CIS Constant Surveillance

CLN Cleaning

CLS Class Rates Applied

CMD Comb. Rates over Detroit

CNL Consolidation and Line Haul

CNS Consolidation

CON Contract Rates Apply

COR Certification That the Newsprint Winding Cores Being Returned Empty Were Received Filled by Rail Freight Service

COU Consignee Unload

COV Courier, Overnight

CPC Copilot Service

CPM Customs Papers Mailed

CRD Crane at Destination

CRL Container Lease

CRO Crane at Origin

CSD Courier, Same Day

CSP Government Caboose
Service for carrier-furnished caboose for use by government personnel

CTL Controlled Atmosphere

CTM Container Mounting
Carrier mounts container onto chassis

CTR Circuitous Routing

CUF Currency Adjustment - Break Bulk

DBL Double Wide Separate and Reassemble
The additional service charge or order for a transportation carrier to separate each unit of a double-wide mobile home and prepare for movement and reassemble the double-wide mobile home after transportation from one location to another has been performed

DBP Delivery of Fuel From Barge to Pipeline

DCD Dedicated Switch Engine Crew at Destination

DCO Dedicated Switch Engine Crew at Origin

DCS DOD Constant Surveillance Service

DDN Dual Driver with National Agency Check
A type of security service where a carrier must allow the government to perform a National Agency Check (NAC) on all personnel involved in a government shipment

DDP Dual Driver Protective Service

DDS Direct Delivery

DDZ Drayage at Port of Debarkation (Rate Zone)

DEL Delivery Service

DEP Detention of Conveying Equipment and the Power Unit
May be ordered by consignee at time of loading

DET Detention of Conveying Equipment Excluding the Power Unit
May be ordered at time of loading

DEZ Drayage at Port of Embarkation (Rate Zone)

DFD Keep From Freezing Percent Differential

DFM 410 Dromedary with Mechanical Restraining Devices
A service where the carrier furnishes a 410 cubic foot dromedary which is equipped with properly installed mechanical restraints and devices for the blocking and bracing of freight

DFS 410 Dromedary
Demountable 410 cu. ft. shipping container that can be fastened to the chassis of a truck, tractor, or flat bed

DIS Distribution Service Requested

DLP Delivery of Fuel From Rail Tank Car to Pipeline

DLR Notify Shipper Immediately if Shipment is Delayed en Route

DNC Do Not Couple to Other Diaphragmed Cars

DNF Do Not Freeze
Specifies that the temperature of a shipment must not go below the freezing point during transit

DNT Do Not Couple to Tank Cars

DOC Documentation - Special
Carrier creates special shipper documentation

DOV Container Diversion

DPB Delivery of Fuel From Pipeline to Barge

DPD Drayage at Port of Debarkation

DPE Drayage at Port of Embarkation

DPL Delivery of Fuel From Pipeline to Rail Tank Car

DPT Delivery of Fuel From Pipeline to Tank Truck or Trailer

DPU Detention With Power Units (30 minute periods)

DRO Drop-Off Delivery

DRU Drumming Service
Carrier responsible for transferring product into drums at the point of delivery

DSK Do Not Couple to Double Shelf Couples

DSM Dromedary with Mechanical Restraining Devices
A service where the carrier furnishes a regular size dromedary which is equipped with properly installed mechanical restraints and devices for the blocking and bracing of freight

DSR Dromedary Service Requested

DSV Door Side Vanning
The cargo is to be placed in the container adjacent to the door

DTB Labor Associated with Detention of Conveying Equipment
May be ordered by shipper at time of loading

DTP Delivery of Fuel From Tank Truck or Trailer to Pipeline

DTV Detention (Vehicle)
Rail service when rail owned/leased trailers/containers on flat cars are detained for loading/unloading

DWP Detention With Power Units (60 minute periods)

EAX Extra Axles
The additional service charge or order for a transportation carrier to install and rent an axle with wheels, tires and brakes required for the transportation of a mobile home

ECR Escort/Courier Service

ECS Empty Railcar Ordered But Not Used

EDD Equipment Hose at Destination
Service for supplying special hose equipment for dispatching bulk fuel at destination

EDO Equipment Hose at Origin
Service for supplying special hose equipment for dispatching bulk fuel at origin

EED Exclusive Use
Charge when vehicle furnished is devoted exclusively to transportation of a shipment without breaking of seals

EGD Dedicated Switch Engine at Destination

EGO Dedicated Switch Engine at Origin

ELS Extra Lights
Motor service when a state agency requires extra lights be placed on an overdimensional shipment

EMR Emergency Service
Carrier provides special services in case of emergency

EMT Empty Movement
Motor service when empty movement of equipment is required

END Endorsement

ERS Empty Return
Motor service when empty equipment is returned from the destination to point of origin

ERT Satisfactory Service Standards

EVC Excessive Valuation Authorized

EXC Exclusive Use of Vehicle

EXD Extra Driver

EXL Extra Length Surcharge

EXO Export Preparation
Carrier must prepare shipment for export

EXP Expedited Rates Applied

EXQ Expedited Service
Motor service for the immediate dispatch of equipment in continuous line-haul service to meet delivery schedules

EXT Extra Labor
Carrier must supply additional labor

EXU Exclusive Use of Vehicle Damaged

EXZ Expand Remove and Install
The additional service charge or order for a transportation carrier to prepare, separate, and seal an expando room attached to a mobile home prior to movement and secure the room at destination after the transportation from one location to another has been performed

EZE Roadway Easy Rates Applied

FAK Barge Freight All Kinds Service

FAS Firearms

FCS Furnishing Chassis
Rail service when chassis are furnished by carrier to effect pickup or delivery of containers on flat cars

FDD Flat Deck Delivery

FFC Fuel Filters Furnished by Carrier

FFS Fuel Filters Furnished by Shipper

FLS Flatrack Surcharge

FPT For Processing in Transit

FRZ Accepted by Carrier at Owner's Risk of Freezing

FST For Storage in Transit

FTR Filtration Service
Service for providing pipeline filtration service

GMS Garment Surcharge

GOC Government-Owned Containers
The additional service charge or order for a transportation carrier to utilize containers provided by the U. S. Government for movement of used personal property belongings to U. S. Government employees

GSP Government Guard Car
Service for carrier-furnished guard car for use by government personnel

GSS Greater Security Service

HAL Hold at Location

HAN Handling

HAZ Hazardous Cargo

HBB Handling Freight Not Adjacent to Vehicle

HBR Hand Brakes at Each End Must Be Released

HDH Shipment Holdover for Holidays
Shipments may be held over on holidays for delivery the following normal workday morning when requested by the shipper; applicable for perishable subsistence

HDW Shipment Holdover for Weekends
Friday pickups may be held over for Monday morning delivery when requested by the shipper for the convenience of the consignee; applicable for perishable subsistence

HEA Heat in Transit
Carrier required to keep product heated during transit

HES Heat - Special
Carrier required to keep product heated during transit in accordance with special instructions provided

HET Heat With Steam
Carrier required to keep product heated with steam during transit

HMA Accessible Hazardous Material

HMI Inaccessible Hazardous Material

HOL Sunday or Holiday Pickup or Delivery

HOR 24 Hour Availability
Loading and unloading site is open 24 hours a day

HOS Hose

HOX Special Hose

HQT High Cube Trailer Rates

HRS Heater or Refrigeration
Rail service when shipments of commodities require protective service from the heat or cold

HTI Hitch Installation

HZC Hazardous Materials Surcharge

HZD Hazardous Cargo On Deck

IDC Idler Car

IDL Inside Delivery

IIH Icing Inhibitor Service

IMP Impactographs
Motor service when impactographs are provided at the request of the shipper or consignee

IMS Intermodal Shipment Service

INL Inspector Requested for Loading

INT Intra-Plant Move
Carrier requested to provide equipment and labor for intra-plant work

IPU Inside Pickup

ITS Interline Transfer Service

JIT ust-In-Time (JT)

JLX oint Line Exception

KEG Certification that the Containers Being Returned Empty Were Received Filled by Rail Freight Service

KMD Keep Material Dry

LAB Labor Disturbance
Labor disturbance at plant

LAS Commingling/Loss Allowance

LAY Layover
Carrier equipment and driver required to layover

LBL Apply a Uniform Code Council/International Article Numbering Association (UCC/EAN) Serial Shipping Container Label to the Shipping Containers

LBR Light Bar Service

LBT Low Boy Trailer/Flat Bed

LC2 Land Currency Adjustment Factor - 20 Foot Container

LC4 Land Currency Adjustment - 40 Foot Container

LCL Percent Differential - Less Than Container

LDA Carrier to Load

LDL Carrier to Unload

LEC Less Than Container

LFD Linehaul from Port of Debarkation

LHS Linehaul Service
The additional service charge or order for a transportation carrier to provide special linehaul services; i.e. to or from a temporary storage site, for used household goods not included in the normal transportation from origin to destination locations

LIE Liability of Carrier

LMD Liner Terms at Port of Debarkation

LME Liner Terms at Port of Embarkation

LPD Linehaul Percent Differential

LTE Linehaul To Port of Embarkation

LTT Less Than Truckload

LYC Layover Service

MAT Modified Atmosphere

MEN Escort Service with Overnight Subsistence
Motor service when movement hour restrictions require an escort vehicle driver or flagmen to stay overnight

MES Escort

MET Escort Services (Telephone)
Motor service when shipper/consignee requests that vehicles be equipped with mobile telephones or two-way radios

MIN Insulated

MNS Motor Surveillance Service

MOT Other

MRF Refrigerated

MTE Military Traffic Expediting Service

MVS Special Motor Surveillance
Motor security service which provides shipper with extraordinary visibility of their shipments in transit

NHC Do not Hump or Hump into

NHL Do Not Use Helper Locomotive to Push

NPR No Placards Required

NSV Nose Side Vanning
The cargo is to be placed in the container at the end furthest from the door

OAH Stow Away from Heat
The container is to be stowed away from any source of heat

OBL Block Stowage

OCA Cargo Aboard

OCL Carrier Load and Consignee Unload

OCN Over Height Container

OCS Completing Shipment

OCV Delivery Verification Not Required

ODI Stow with Doors Facing Inward
The container is to be stowed with the doors facing towards the midline of the vessel

OEH Exempt Commodity

OFH In Front of House Stowage
The container is to be stowed on deck forward of the superstructure of the vessel

OFU Fumigation
The additional service charge or order for a transportation carrier to fumigate a household goods shipment that is insect infested

OHC Harmless

OIL Oil Field Service
Special services required to deliver freight at oil field site

ONC Use No Hooks

ONS Not Restricted Cargo

OOB Cargo on Board Certification Required

OOD On Deck Stowage

OOL Carrier Load and Carrier Unload

OPR Perishable

OPT Partial Shipment

ORS Receipt/Issue Overtime Normal Business Hours

OSB Stow Below Deck

OST Stow Between Decks

OTC Temperature Control

OTD Time of Delivery and Signature Required

OTH On Top In-hatch Stowage
The container is to be stowed as the top-most container of those stowed within a hatch

OTO On Top On-deck Stowage
The container is to be stowed as the top-most container of those stowed on-deck

OTS Total Shipment

OUC Under Container On-deck Stowage
The container is to be stowed below another container on the deck of the vessel

OUW Below Water Line Stowage
The container is to be stowed below the waterline of the vessel

OVR Overflow

OWC Over Width Container

OWR One Way Rates Applied

PAJ Pumping Equipment

PAV Pickup of Shipments on Saturday, Sunday, and/or Holidays Requiring Absolute Next Day Delivery

PBC Pallet Label Bar Code

PDS Pickup and Delivery From Storage in Transit
The additional service charge or order for a transportation carrier to pick up a household goods shipment at, or deliver to a temporary storage facility

PDY Pickup and Delivery Beyond Service Area

PER Special Permits
Carrier required to provide special permits in order to move freight

PFH Protect From Heat

PHR Per Hour Rates Applied

PIR Pier Time
Carrier required to wait at pier for loading or unloading

PLT Pallets/Skids/Platforms

PMM P.M. Delivery Requirement

PMR Per Mile Rates Apply

PMS Pickup of Shipments Requiring Same Day Delivery Service

PMT Pickup of Shipments Requiring Same Day Delivery Service and/or Delivery at a Specified Time

POC Piano/Organ Carry
The additional service charge or order for a transportation carrier to provide special handling and transportation for a piano or organ as part of a household goods shipment

POS Positioning at Origin

PPD Pickup and Delivery Service for Perishables

PRD Portable Ramps at Destination

PRL Prelodge
Motor service for hand delivery of shipping documents 24 hours or more prior to the delivery of a shipment(s)

PRO Portable Ramps at Origin

PRT Stuffing Charge

PSG Protective Service Security with Armed Guards
Motor service for Protective Security Service when shipper requires one or both cleared drivers be armed

PSS Protective Security Service

PTS Protective Tarp For Security Purposes

PUC Pickup

PUD Pickup and Delivery

PUK Pack and Unpack
The additional service charge or order for a transportation carrier to provide packing services at the origin location and unpacking services at destination site; including labor, packing material, and containers; as part of a household goods shipment

PUP PUP Trailer Rates Apply

PVB Bonded Privately Owned Vehicle

PVD Detention of Privately Owned Vehicle

PVI Inoperable Privately Owned Vehicle

PVL Loading/Unloading of Privately Owned Vehicle

PVP Private Owned Vehicle Processing

PVS Stop-offs for Privately Owned Vehicle Shipment

PVT Privately Owned Vehicle in Truckaway Service

PYS Priority Service

RCC Reconsignment
Change in destination, route, etc., that requires a change in billing or an additional movement of the shipment

RCL Redelivery
Motor service when, through fault of the consignee, delivery cannot be made and has to be redelivered at a later date

RDH Railhead Handling

RDR Roadrailer Service

REP Respotting

RES Residential Delivery

RFM Reefer Maintenance

RIE Released Value Charge in Excess of Carrier Maximum Liability

RIS Rail Inspection Service

RLS Relocation of Vehicle
Motor service when carrier is requested to move a vehicle from one platform doorway or shipping room to another

RMC Return of Empty Container

RMP Return Movement of Pallet

RMS Rail Surveillance
Rail security service performed by rail carriers in the movement of Government unclassified sensitive cargo

RPD Reefer Cargo Percent Differential

RRR Round Trip Service

RSP Reshipment
The additional service charge or order for a transportation carrier to prepare a household goods shipment for onward movement when the shipment is diverted to a new destination location

RSS Restricted Speeds
Service when the unusual nature of the shipment requires the carrier to operate at speeds below its normal limits

RSV Reservations
Shipper may reserve space in a vehicle for second and third Proviso commodities moving via Household Goods motor carriers only

RWR Reweight Requested

S18 Apply Serial Shipping Container Code SSCC-18 Bar Code

SAS Shipment Holdover on Weekends

SAT Saturday Pickup or Delivery

SCC Special Containers
The additional service charge or order for a transportation carrier to use specially constructed containers for oversized or fragile items as part of a household goods shipment

SCL Shipper Load and Consignee Unload

SDL Split Delivery

SDS Special Dromedary Service
Demountable shipping container (special sizes) that can be fastened to the chassis of a truck, tractor, or flat bed

SEC Special Equipment Charge

SED Shipper Export Declaration Required

SEE Stairs, Elevator, Excess Carry
The additional service charge or order for a transportation carrier to use stairs, elevators, or long carry as part of the origin or destination services on a household goods shipment

SER Service Charge Applies

SEV Security Escort Vehicle Service

SFB Single Factor Origination/Destination

SFD Single Factor Origination/Port of Debarkation

SFE Single Factor Port of Embarkation/Destination

SFT Special Train Movement
Rail service when a special train is necessary due to excessive dimensions, weight, or safety of the shipment

SGL Single Shipment

SHH Shipment Holdover on Holidays

SHL Shipper Load

SHW Shipment Holdover on Weekdays

SKT Skirting and Unskirting
The additional service charge or order for a transportation carrier to remove skirting from the mobile home prior to movement and reinstalling the skirting at destination after the transportation from one location to another has been performed

SLC Shipper Load and Count

SMP Small Package

SNM Transmit a Ship Notice/Manifest Transaction Set

SNS Satellite Surveillance Service

SNT Shipment from Non-Temp Storage
The additional service charge or order for a transportation carrier to perform pickup and inspection of household goods from a long term storage facility

SOC Stop-off
Service for stop-off in transit to complete loading or to partially unload a shipment

SOD Solo Driver

SOL Shipper Load and Carrier Unload

SPA Special Allowance

SPC Special Permit

SPR Spreader Service
Carrier responsible for spreading product at point of delivery

SPT Spot for Storage - No Shipment
Carrier required to provide a trailer for shipper although no shipment is available for assignment

SPU Split Pickup
Service for pickup/delivery of articles in a single shipment at more than one place within the

origin/destination

SRG Storage
Service for freight held in carrier's possession beyond free time for any reason not the fault of the carrier

SRS Surveying Routes
Service when, because of the unusual size or weight of the shipment, a survey of the route is required for its safety

SSC Stripping, Sorting & Consolidation

SSN Substitute Service Not to be Used

SSR Safe Haven Secure Holding Refusal

SSU Pole Lashing Equipment (PLE) Surcharge

STA Conductivity/Anti-static Additive

STD Stop-off at Destination

STO Stowage

STP Stop-off at Origination

STR Signature and Tally Record

SUA Spot for Unloading from A End
Car is to be spotted for unloading of vehicles from the A end of the autorack

SUB Spot for Unloading from B Brake End
Car is to be spotted for unloading of vehicles from the "B" (brake) end of the autorack

SUP Supervisor Requested
Carrier must provide a person to supervise loading or unloading

SVS Storage of Vehicles
Service for vehicles trailer or flat car held by carrier, beyond the free time allowed, for any reason not the fault of the carrier

TDC Truckload-Double Operator-Common Carrier

TDP Truckload-Double Operator-Padded Van

TER Terminal Handling Charges

TLS Tendered as Truckload (Truckload Service Requested)

TMS Multi-Tank Surveillance Service
Service for security service performed by railroads applicable when two M1 tanks are loaded on a rail car

TMV Tendering of Multiple Vehicles

TOF Trailer on Flat Car

TOW Motor Tow Away Service

TPS Third Party Service
The additional service charge or order for a transportation carrier to obtain independent contractors or companies to perform certain services on a household goods shipment that are not covered under an existing commercial or military tariff and the carrier is entitled to recover expenses or costs

TRA Tractor Only
Carrier required to provide tractor only

TRK Truck Rates Applicable

TRL Trailer Preparation - Special
Carrier required to prepare the trailer in accordance with special shipper requirements

TRM Termination
The additional service charge or order for a transportation carrier to terminate the movement

of a household goods shipment at origin or en route to a destination location

TRN Transfer Product
Carrier required to provide labor and equipment to transfer product

TRP Tire Repair and Replace
The additional service charge or order for a transportation carrier to repair or replace military member-owned tires and/or tubes used on a mobile home

TRS Trade Show

TRT Tractor and Trailer
Carrier required to provide tractor and trailer only

TRU Truck to Rack Unit
Pallet may be directly placed into storage rack

TSC Truckload-Single Operator-Common Carrier

TSL Technical Assistance for Loading Rail Cars

TSP Truckload-Single Operator-Padded Van

TSS Tank Surveillance Service

TTS Trailer Tracking Service

UBL Carrier to Unblock, Unbrace, and Untie

UFC Under Carriage Furnished By Carrier

UPK Unpacking
The additional service charge or order for a transportation carrier to perform unpacking services on an unaccompanied baggage shipment that are not covered under the carrier filed transportation rate

URC Unloading or Reloading
Service when carrier is required to perform loading/unloading of a shipment unassisted by shipper/consignee

UTL Utilities Disconnect and Connect
The additional service charge or order for a transportation carrier to disconnect utilities attached to a mobile home prior to movement and reconnect utilities at destination after transportation from one location to another has been performed

VAC Vacuum Service
Carrier required to provide vacuum service

VAN ROEE Van Type Truck

VCL Van Cleaning

VFN Vehicles Furnished But Not Used
A vehicle is delivered to the shipper, but is not used

VIS Vehicles Inoperable
Applies when a vehicle cannot be driven under its own power onto the carrier's conveying equipment

VSO Stop-off Delivery of Personal Vehicles

VTS Vehicles in Truckaway
Service when vehicles, before loading in truckaway service, exceed 64" in height measured from ground to top of vehicle

WBB Wharfage - Breakbulk

WCT Wharfage - Container

WDS Waterfront Delivery
Service for waterfront delivery of bulk fuel

WFG Wharfage

WRB War Risk Crew Bonus

WRI War Risk Insurance

WTG Waiting Time Authorized

WTV Weight Verification
Service for weight verification when the difference between billed weight and actual weight is less than 5 percent

ZZZ Mutually Defined

153 - Special Handling Description

Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate

TYPE=**AN** MIN=**2** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

AT5 H3

TRANSACTION SETS USED IN

104 106 107 161 163 204 210 211 214 216 219 220 222 250 300 301 304 310 312 322 324 325 404 417 421 426 456 470 858 859

154 - Standard Point Location Code

Code specifying the Standard Point Location code defined by National Motor Freight Tariff Association (NMFTA) or the Canadian Transportation Agency (CTA) point development group as the official code assigned to a city or point (for ratemaking purposes) within a city

TYPE=**ID** MIN=**6** MAX=**9**

Code Sources

21

SEGMENTS USED IN (AS SIMPLE)

B2 BAX BGP BJF BL BMM CYC D9 E5 E6 ER F9 IS2 ISC ISD LFI OD PRM R2 R3 RT S5 S9 SMB SMR SWC T1 T3 V9 Y3 Y4

TRANSACTION SETS USED IN

104 109 110 125 129 160 161 163 204 210 219 220 222 273 300 301 303 304 310 312 315 323 325 350 404 410 414 417 418 419 420 421 422 423 424 425 426 431 433 436 437 451 452 453 455 456 470 754 858 859 940

156 - State or Province Code

Code specifying the Standard State/Province as defined by appropriate government agency

TYPE=ID MIN=2 MAX=2

Code Sources

22

COMPOSITE DATA STRUCTURES USED IN

C024 C069

SEGMENTS USED IN (AS COMPONENT)

CLM REG UM

SEGMENTS USED IN (AS SIMPLE)

AP1 BA1 BCI BIX BJF BL BMS CIV CM CQ D9 DMA DMI DVI E4 EMT F9 FK G4 GA GR2 GR4 GY H5
HPL ICH IND INI INS INV IS2 ISC L7 LEP LIC M15 MS1 MS3 MSS N4 N8 N8A PR1 PRV PS PS1 Q5 R4
RT S9 SCL SD1 SLA SMA SMR T1 TCD UD V9 VEH VID W3 W4 Y1

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 109 110 111 112 113 120 124 126 128 129 130 132 133 135 138 140 141
142 143 144 146 147 148 149 150 152 153 154 155 157 159 161 163 175 176 179 180 185 186 187 188
189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217
219 220 222 223 227 228 240 245 248 249 250 251 252 255 256 259 260 261 262 264 265 266 267 268
269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 303 304 309 310 311
312 315 317 322 323 324 325 326 350 353 355 358 359 362 404 410 412 417 418 419 421 422 423 424
425 426 431 434 435 437 440 453 455 456 460 466 470 485 490 494 500 501 503 504 511 517 521 527
536 540 561 567 568 601 603 620 625 650 715 753 754 805 806 810 811 812 813 814 816 818 819 820
821 822 823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847
848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 873
874 875 876 878 879 880 881 882 885 887 888 889 890 892 893 896 897 920 928 940 943 944 945 947

157 - Shipment Status Code

Code indicating the status of a shipment TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
B4 CD1 LTR Q5 SG

TRANSACTION SETS USED IN
109 186 228 313 315 319 322

CODE	DEFINITION & EXPLANATION
2	Returned to Carrier's Terminal *Delivery attempted by the carrier; shipment was returned to the carrier's terminal*
3	Returned to Shipper *Shipment was returned to the shipper per the instructions of the consignee*
A	Arrived *Shipment has arrived at the location specified*
B	Bad Order (Inoperative or Damaged) *Shipment was on a piece of equipment that failed*
C	Estimated To Depart Terminal Location
D	Completed Unloading at Delivery Location *Shipment was delivered to the consignee or receiver*
E	Estimated to Arrive (En Route) *Shipment is estimated to arrive at the location specified*
F	In Flight
G	Repaired and/or Released from Bad Order
H	Equipment Shopped for Heavy Repair *Shipment is delayed due to equipment failure*
I	In-Gate
J	Delivered to Connecting Line *Shipment has been delivered to an interline carrier*
K	Arrived at Customs *Customs delay; shipment is being processed at the customs location*
L	Loading *Shipment is being loaded at a carrier's terminal or facility*
N	No Paperwork Received with Shipment or Equipment
O	Paperwork Received- Did Not Receive Shipment or Equipment
P	Departed Terminal Location *Shipment has left the carrier's terminal or other control point*
R	Received from Prior Carrier *Shipment has been received from an interline carrier*
S	Spotted at Consignee's Location *Shipment in a trailer has been spotted at the consignee or receiver's premises*
T	At Terminal; Intra-Terminal Movement
U	Unloading *Shipment being unloaded*
V	Vessel Rehandle

W Released by Customer
X Removed from Customer Dock or Siding
Y Constructively Placed
Z Actually Placed
A1 Agriculture Canada Hold
A2 Agriculture Canada Released
A3 Agriculture Canada Refused Entry
A4 Agriculture Canada Conditional Release
AA Pickup Appointment Date and Time
The date and time of the scheduled pickup appointment
AC Awaiting Clearance
AD Delivery Appointment Date and Time
The date and time of the scheduled delivery appointment
AE Loaded on Vessel
AF Departed Pickup Location
Shipment has been picked up
AG Estimated Delivery
Estimated date of delivery to the consignee or receiver
AH Attempted Delivery
Delivery of the shipment was attempted by the carrier
AI Shipment Has Been Reconsigned
Shipment has been reconsigned per the shipper or consignee
AJ Tendered for Delivery
Shipment has been offered for delivery to the consignee
AL Loaded on Rail
AM Loaded on Truck
AN Delivered to Air Carrier
Shipment was delivered to air freight carrier
AO Loaded on Barge
AP Loaded on Feeder Vessel
AR Rail Arrival at Destination Intermodal Ramp
AU Shipment Available for Pickup
AV Available for Delivery
Shipment available for delivery
AW Awaiting Export
Shipment in transit
BA Set Off at Agent
BC Storage - in - Transit
BD Recommitted Delivery Date
Delivery date and time of shipment has been revised necessitated by changes in pickup, transit, or delivery conditions not originally assumed by the carrier
BE Estimated Time of Arrival at Scheduled Pickup Location
The carrier's estimate of when the shipment will be picked up at the consignor's location
BF Booking Confirmed
BO Rail Conveying Car Bad Ordered
BR Bill of Lading Released

C1 Canada Customs Hold
C2 Canada Customs Inspection Scheduled
CA Shipment Cancelled
CB Chassis Tie
CC Chassis Un-Tie
CD Received at Origin
CI Passing
CO Cargo Received at Contractual Place of Receipt
CR Carrier Release
CS Container Sealed
CT Customs Released
CU Carrier and Customs Release
CV Container Rehandled
DA Repair Authorization Requested
DC Unit Cleaned
DI Delivery Order Issued
DN Delivery Not Confirmed
DO Destination Stop-off
DP Unit Pre-Tripped
DR Repair Authorization Received
DS Damage Survey Requested
DT Damage Survey Completed
EA Estimate Approved
EC Empty Container Available for Pickup at Consignee Location
ED Early Delivery Appointment Date and/or Time
EE Empty Equipment Dispatched
Empty equipment dispatched to pickup cargo
EI Interchange Information Received
Interchange of intermodal equipment to another carrier
EP Early Pickup Appointment Date and/or Time
ER Estimate Received
EX Export
FD Food and Drug Release
FP Freight Paid
FT Free Time Expired
GI Terminal Gate Inspection
GO General Order
HA Held - Protective Service
HE Held-Awaiting Shipper's Export Document
HF Held-Awaiting Recount/Weight/Description
HG Held on Ground
HH Held-No Booking Number
HI Held-Title Clearance

HR Hold Released
Equivalent to Automated Manifest System (AMS) disposition codes 1F, 74, 76, 80, 81 and 82

IB U.S. Customs and Border Protection (CBP), In-bond Movement Authorized
Equivalent to Automated Manifest System (AMS) disposition codes 1D, 1J

IM Import

IR Movement Type Changed from In-bond to Not In-bond

IS Ordered Stuffed

IT Ordered Stripped

IU Confirmed Stuffed

IV Confirmed Stripped

IW Shopped for Heavy Repair

K3 Complete Customs Paperwork has been Provided

LD Late Delivery Appointment Date and/or Time

LE Locked Estimated Time of Notification (ETN)

LP Late Pickup Appointment Date and/or Time

MA Mexican Customs, Arrival at In-bond Facility

MD Mexican Customs, Departure from In-bond Facility

ME Mexican Customs, De-Ramp at In-bond Facility

MI Mexican Customs, Ingate at In-bond Facility

MO Mexican Customs, Outgate from In-bond Facility

MR Mexican Customs, Ramp at In-bond Facility

MT Empty Committed

NC Confirmation of Notification
Advisement of notified party at destination has acknowledged receipt of notification

ND Technical Charges Due

NF Free Time to Expire

NG Non-Gate Inspection

NH No Hazardous Material Document Received

NO Ocean Charges Paid

NP Terminal Charges Paid

NR Shipment Information Not Received

NS No Seal on Load

NT Notification

NU Notification Refused
Notify party at destination has refused notification

OA Out-Gate

OB Original Bill of Lading Received

OF Off-Hire Container

OH On Hand

ON On-Hire Container

OP All Paperwork has been Provided to Consignee

PA U.S. Customs and Border Protection (CBP) Hold, Intensive Examination

PB U.S. Customs and Border Protection (CBP) Hold, Insufficient Paperwork

PC U.S. Customs and Border Protection (CBP) Hold, Discrepancy in Paperwork

PD U.S. Customs and Border Protection (CBP) Hold, Discrepancy in Piece Count
PE U.S. Customs and Border Protection (CBP) Hold, Hold by Coast Guard
PF U.S. Customs and Border Protection (CBP) Hold, Hold by F.B.I.
PG U.S. Customs and Border Protection (CBP) Hold, Hold by Local Law Enforcement
PH U.S. Customs and Border Protection (CBP) Hold, Hold by Court Imposed Lien
PI U.S. Customs and Border Protection (CBP) Hold, Hold by Food and Drug
PJ U.S. Customs and Border Protection (CBP) Hold, Hold by Fish and Wildlife
PK U.S. Customs and Border Protection (CBP) Hold, Hold by Drug Enforcement
PL US Dept. Agr, Hold for Intensive Investigation
PM US Dept. Agr, Hold for Unregistered Producer
PN US Dept. Agr, Hold for Restricted Commodity
PO US Dept. Agr, Hold for Insect Infestation
PP US Dept. Agr, Hold for Bacterial Contamination
PQ U.S. Customs and Border Protection (CBP) Hold at Place of Vessel Arrival
U.S. Customs and Border Protection (CBP) has placed a hold on cargo at the place of arrival
PR U.S. Customs and Border Protection (CBP) Hold at In-Bond Destination
U.S. Customs and Border Protection (CBP) has placed a hold on cargo at the in-bond destination
PS U.S. Department of Agriculture Hold at Place of Vessel Arrival
U.S. Department of Agriculture has placed a hold on cargo at the place of arrival
PT U.S. Department of Agriculture Hold at In-Bond Destination
U.S. Department of Agriculture has placed a hold on cargo at the in-bond destination
PU Other U.S. Agency Hold at Place of Vessel Arrival
A government agency other than U.S. Customs and Border Protection (CBP) or the U.S. Department of Agriculture has placed a hold on cargo at the place of arrival
PV Other U.S. Agency Hold at In-Bond Destination
A government agency other than U.S. Customs and Border Protection (CBP) or the U.S. Department of Agriculture has placed a hold on cargo at the in-bond destination
PW U.S. Department of Agriculture, Hold for Fumigation
Equivalent to Automated Manifest System (AMS) disposition codes 73, 79
PX U.S. Department of Agriculture, Hold for Inspection or Documentation Review
Equivalent to Automated Manifest System (AMS) disposition codes 72, 78
RA Pickup Appointment Requested
Appointment for pickup has been requested
RB Delivery Appointment Requested
RC Reserve Container Against Booking
RD Return Container
RF Rail Conveying Car Released from Bad Order
RI Movement Type Changed from Not In-bond to In-bond
RL Rail Departure from Origin Intermodal Ramp
RN Renotification
Notify party at destination has been renotified
RY Movement from Intermodal Facility to Rail Yard
SA Shipment Split
SB Shipment Consolidation

SC Seals Altered
SD Shipment Delayed
SF Move off Spot
SI Receipt of Shipping Instructions
Shipping instructions received
SN Shipment Not Authorized
SO Move on Spot
SS Spotted at Sourcing Location
TC Held for Terminal Charges
TE Tactical Estimated Time of Notification (ETN)
TM Intra-Terminal Movement
TO Terminate to Owner
Equipment returned
UA Unit - Leased to Connecting Line
UB Unit - Returned from Connecting Line
UC Unit - Shopped Held at Terminal
UD Unit - COFC/TOFC Service
UE Unit - Pickup/Delivery Service
UP Unable to Process Shipment
UR Unloaded from a Rail Car
UV Unloaded From Vessel
UW Intermodal Unit Weighed
VA Vessel Arrival
Vessel scheduled to arrive or has arrived
VB Vessel Berthed
Vessel has docked and anchored at assigned berthing location for cargo unloading.
VD Vessel Departure
Vessel scheduled to depart or has departed
WC Rail Waybill Created
WH Weight Too Heavy - Highway
WR Weight Too Heavy - Rail
X1 Arrived at Delivery Location
The carrier has arrived at the shipment delivery location
X2 Estimated Time of Arrival at Consignee Location
X3 Arrived at Pickup Location
X4 Arrived at Terminal Location
X5 Arrived at Delivery Location Loading Dock
X6 En Route to Delivery Location
X7 En Route to Pickup Location
X8 Arrived at Pickup Location Loading Dock
The carrier has arrived at the loading dock at the pickup location
X9 Delivery Appointment Secured
The date and time that the delivery appointment was made
XA Pickup Appointment Secured
The date and time that the pickup appointment was made

XB Shipment Acknowledged
Shipment has been accepted by the carrier, but awaiting pickup and/or delivery appointment(s) before dispatching equipment for pickup

Y1 Arrived at the Multiple Country Consolidation (MCC) Hub

Y2 Departure from the Multiple Country Consolidation (MCC) Hub

YR Movement from Rail Yard to Intermodal Facility

ZZ Mutually Defined

159 - Status Location

Air shipment: Airport code for last reported status for a shipment; (Note: If the shipment is in-flight, the status location is the origin airport for this flight) Ground transportation: Code of carrier's terminal

TYPE=**AN** MIN=**3** MAX=**5**

Code Sources

3

SEGMENTS USED IN (AS SIMPLE)

B4

TRANSACTION SETS USED IN

109 313 315

160 - Status Report Request Code

Code indicating that the shipper specifies that an automatic status report is requested when the shipment is delivered

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

BOL BX

TRANSACTION SETS USED IN

211 404 417 426 858

CODE	DEFINITION & EXPLANATION
N	Not Required
P	Proof of delivery document required
R	Automatic Status Report Requested
S	Automatic proof of delivery document requested

163 - Stop Reason Code

Code specifying the reason for the stop TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
S5 S9

TRANSACTION SETS USED IN
163 204 210 219 220 222 404 410 417 421 426 456 754 858 859

CODE	DEFINITION & EXPLANATION
AA	Point of Delay
AL	Advance Loading *Carrier requested to hold a loaded trailer at carrier's facility or a place designated by the shipper for a brief period of time prior to delivery*
CL	Complete
CN	Consolidate
CU	Complete Unload
DR	Deramp and Ramp for Subsequent Loading
DT	Drop Trailer
HO	Hold for Disposition
HT	Heat the Shipment
IN	Inspection
LD	Load
LE	Spot for Load Exchange (Export) *Carrier requested to spot a loaded trailer at a prearranged location to allow for load exchange of an export shipment*
PA	Pickup Pre-loaded Equipment
PL	Part Load
PU	Part Unload
RT	Retrieval of Trailer *Carrier required to retrieve an empty trailer at a prearranged location following delivery of an export shipment*
SL	Spot for Load *Carrier requested to spot trailer for loading*
SQ	Softwood Lumber Quota
ST	Staging
SU	Spot for Unload *Carrier requested to spot trailer for unloading*
TL	Transload
UL	Unload
WE	Weigh Empty
WL	Weigh Loaded

165 - Stop Sequence Number

Identifying number for the specific stop and the sequence in which the stop is to be performed

TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

MSI S1 S2 S5 S9

TRANSACTION SETS USED IN

163 204 210 219 220 222 404 410 417 421 426 456 754 858 859

166 - Address Information

Address information TYPE=**AN** MIN=**1** MAX=**55**

SEGMENTS USED IN (AS SIMPLE)

CR1 DMI E4 N3 NX2 RT S2 SMA

TRANSACTION SETS USED IN

100 101 103 104 105 106 107 108 110 111 112 113 120 124 128 129 130 132 133 135 138 140 141 142 143 144 146 147 148 149 150 152 153 154 155 157 158 163 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 227 228 240 244 245 248 249 250 251 252 255 256 259 260 261 262 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310 311 312 317 322 325 355 358 359 362 404 410 412 417 418 421 422 423 424 426 434 460 470 490 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822 823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 872 873 874 875 876 878 879 880 881 882 885 887 888 889 890 892 893 896 897 920 940 943 944 945 947

167 - Tare Weight

Weight of the equipment

TYPE=**N0** MIN=**3** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

G5 IC N21 N7 PO5

TRANSACTION SETS USED IN

121 125 163 204 210 219 220 222 223 227 300 301 304 310 312 322 324 326 350 404 410 417 421 422 423 426 436 440 451 456 470 603 715 858 859 897

168 - Tariff Agency Code

Code specifying the tariff bureau or tariff publishing agent that governs the rates applied to this shipment

TYPE=ID MIN=1 MAX=4

Code Sources

23

SEGMENTS USED IN (AS SIMPLE)

L7 PI PRI TF VR

TRANSACTION SETS USED IN

106 126 129 210 304 310 312 404 410 414 417 422 426 433 453 456 460 466 468 485 486 490 492 494 810 858 859

169 - Tariff Item Number

Number assigned in the tariff to specific rate or group of rates that applies to one or more items in the shipment

TYPE=**AN** MIN=**1** MAX=**16**

SEGMENTS USED IN (AS SIMPLE)

L7 PI PRI RT1 TS

TRANSACTION SETS USED IN

106 126 129 210 304 310 312 404 410 414 417 422 426 433 453 456 460 466 468 485 486 490 492 494 810 858 859

170 - Tariff Item Part

Number assigned to subsection of a specific tariff item (arbitrary) TYPE=**N0** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

L7

TRANSACTION SETS USED IN

126 210 304 310 312 810 858 859

171 - Tariff Number

Standard tariff number for the tariff which governs the rates applied to the commodity item(s)

TYPE=**AN** MIN=**1** MAX=**7**

SEGMENTS USED IN (AS SIMPLE)

L3 L7 PRI SL1 TF VR

TRANSACTION SETS USED IN

104 106 110 126 129 204 210 219 220 304 310 311 312 322 325 404 410 414 426 485 492 810 858 859

172 - Tariff Section Number

Number used as an extension of the basic tariff number to identify the rates published within specific sections of the tariff

TYPE=**AN** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

L7 PI PRI

TRANSACTION SETS USED IN

126 210 304 310 312 404 410 414 417 422 426 433 453 456 460 466 468 485 486 490 492 494 810 858 859

173 - Tariff Supplement Identifier

Identifier for the tariff supplement which contains the rate used

TYPE=**AN** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

L7 PI PRI TF VR

TRANSACTION SETS USED IN

106 126 129 210 304 310 312 404 410 414 417 422 426 433 453 456 460 466 468 485 486 490 492 494 810 858 859

174 - Terminal Name

Free-form field for terminal name TYPE=**AN** MIN=**2** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

CM R4

TRANSACTION SETS USED IN

109 215 272 300 301 304 309 310 311 312 315 322 323 324 325 326 353 355 362 404 410 417 511 715 754 810 856 858 859 945

176 - Time Qualifier

Code specifying the reported time TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
DM G62 W17

TRANSACTION SETS USED IN
106 107 108 120 121 125 127 129 163 204 210 211 212 214 215 219 220 222 227 317 492 511 517 527
536 561 567 753 754 853 854 858 859 875 876 878 879 880 883 888 889 896 920 940 943 944 945 947

CODE	DEFINITION & EXPLANATION
0	Original Transaction
1	Must Respond By
2	Pickup Appointment Scheduled Time
3	Delivery Appointment Scheduled Time
4	Pickup Requested Scheduled Time
5	Delivery Requested Scheduled Time
6	Pickup Appointment Granted Time
7	Delivery Appointment Granted Time
8	Actual Pickup Time
9	Actual Delivery Time
A	Actual Departure Time
B	Released
C	Constructive Placement
D	Estimated Departure Time
E	Estimated Arrival Time
F	Actual Unloading Completed
G	Earliest Requested Deliver Time
H	Customs Release
I	Earliest Requested Pickup Time
J	Duty Paid
K	Latest Requested Pickup Time
L	Latest Requested Delivery Time
M	Charged From
N	Notified
O	Charged To
P	Actual Placement
Q	Ordered
R	Actual Arrival Time
S	Scheduled Departure Time
T	Scheduled Arrival Time
U	Scheduled Pickup Time
V	Actual Unloading Started

W Effective Time
X Scheduled Delivery Time
Y Requested Pickup Time
Z Requested Delivery Time
CB Beginning of Customer Plant Shutdown
CE Ending of Customer Plant Shutdown
ED Earliest Delivery Time
EP Earliest Pickup Time
LD Latest Delivery Time
LP Latest Pickup Time
RS Ready to Ship

177 - Intermodal Service Code

Code identifying the Intermodal Service Plan TYPE=**ID** MIN=**1** MAX=**2**

Code Sources

99

SEGMENTS USED IN (AS SIMPLE)

DM PRM R2 R9 W2 Y2

TRANSACTION SETS USED IN

128 228 300 304 310 311 312 322 404 410 417 418 421 422 423 426 453 455 456 460 470 475 492 494 858 859 940

181 - Quantity or Status Adjustment Reason Code

Code indicating reason for change in level or status of inventory TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
W19

TRANSACTION SETS USED IN
947

CODE	DEFINITION & EXPLANATION
03	Shipment Greater Than Previously Reported
04	Receipt Less Than Previously Reported
05	Product Put on Hold
06	Book Adjustment Decrease
07	Product Dumped or Destroyed
08	Product Put in Quality Inspection Inventory
51	Unable-to-Locate (UTL) Product Located
52	Recoup/Rework of Damaged Product
53	Shipment Less Than Previously Reported
54	Receipt Greater Than Previously Reported
55	Product Taken Off Hold
56	Book Adjustment Increase
88	Product Removed from Quality Inspection Inventory
AA	Physical Count
AB	Accounting Error
AC	Condition Change *An adjustment to inventory is required due to a change in the condition classification of the material*
AD	Purpose Change
AE	Reidentification
AF	Stock Number Change
AG	Ownership Change
AH	Other
AI	Disaster
AJ	Survey
AK	Transfer
AL	Capitalization *An adjustment to inventory resulting from reassignment between different funds or chartered subdivisions of a fund*
AM	Missing Unique Item Identifier (UII)/Serial number
AN	Unit of Issue Change
AP	Product/Formula Evaluation and Testing
AQ	Unique Item Identifier / Serial Number mismatch
AR	Order Shipment Error

AS Recouping

AT Prepack Preparation

AU Damaged in Facility

AV Damaged in Transit

AW Product Recall

AX Shelf-life Obsolescence

AY Receipt Error

BA Operating Variance
An adjustment to inventory resulting from gain or loss occurring under routine operating conditions, e.g. temperature, handling, etc

BD Nonrecoverable
An adjustment to inventory resulting from unretrievable/unusable liquid product located in the bottom of a storage tank (nonrecoverable tank bottoms)

BK Off Specification
An adjustment to inventory resulting from gain of slop fuel, i.e., off-specification fuel not meeting deterioration limits and not to be blended or downgraded to a usable product

BM Replacement
An adjustment to inventory resulting from a replacement of a previously recorded loss (e.g., loss due to linebreak) at no cost to the owner per agreement with the storage facility operator

BN Tariff Deduction
An adjustment to inventory resulting from a loss due to the change in volume after receipt of product via a pipeline operation as covered in a tariff agreement

BR Regrade
An adjustment to inventory resulting from regrading of product, i.e., redesignating a product from one grade to another when the product meets specifications for both

BS Downgrade

BT Additive
An adjustment to inventory resulting from injection of an additive, e.g., fuel system icing inhibitor, into a petroleum product

BU Missing DoD Unique Item Identifier or Serial Number
Used to identify gain, loss or adjustment resulting solely from a missing DoD Unique Item Identifier (UII) or Serial Number

BV DoD Unique Item Identifier / Serial Number Mismatch
Used to identify gain, loss or adjustment resulting solely from a DoD Unique Item Identifier / Serial Number mismatch

BW Found/Recovered
Provides the means to identify an inventory gain associated to a completed investigation

BX Suspected Loss/Stolen
Provides the means to identify an inventory loss associated to an investigation

CD Product Donations

CO Consignment

CR Customer Returned Inventory

CS Product Samples

PC Product Reserved for Customer

TC Tax Conversion

UD Unauthorized Destruction

182 - Vessel Name

Name of ship as documented in "Lloyd's Register of Ships" TYPE=**AN** MIN=**2** MAX=**50**

Code Sources

24

SEGMENTS USED IN (AS SIMPLE)

BA1 CM F02 M10 M12 M15 Q2 V1 X01

TRANSACTION SETS USED IN

109 121 126 272 300 301 304 309 310 311 312 315 322 323 324 325 326 350 352 353 354 355 356 357 358 362 404 410 417 601 715 810 856 858 859 920 924 925

183 - Volume

Value of volumetric measure

TYPE=**R** MIN=**1** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

AT2 AT8 AT9 CTT EM F04 FU3 G05 G20 G31 G39 G55 G76 ID3 ID4 ISS IV1 L0 L3 LCT M11 N21 N7 OID PO5 Q2 S5 SHD TD1 VC1 W03 W20 W76

TRANSACTION SETS USED IN

104 106 107 109 110 120 121 125 163 180 202 204 205 210 211 212 214 219 220 222 223 227 250 271 272 285 300 301 304 309 310 311 312 315 317 322 324 325 326 350 355 404 410 417 422 423 426 436 456 470 500 561 568 603 715 753 754 810 811 812 819 828 830 832 840 843 844 845 846 847 849 850 851 852 853 855 856 857 858 859 860 861 862 865 866 867 869 870 875 876 879 880 882 888 890 893 896 897 920 940 943 944 945

184 - Volume Unit Qualifier

Code identifying the volume unit

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

AT2 AT8 AT9 EM F04 ID4 IV1 L0 L3 LCT M11 N21 N7 OID PO5 Q2 S5 VC1

TRANSACTION SETS USED IN

104 106 107 109 110 120 121 125 163 204 210 211 212 214 219 220 222 223 227 271 272 285 300 301 304 309 310 311 312 315 317 322 324 325 326 350 355 404 410 417 422 423 426 436 456 470 603 715 753 754 856 858 859 897 920 940

CODE	DEFINITION & EXPLANATION
B	Barge
C	Cubic Centimeters
D	Cord
E	Cubic Feet
F	100 Board Feet
G	Gallons
H	Hundreds of Measurement Tons
L	Load
M	Cubic Decimeters
N	Cubic Inches
R	Car
S	Measurement Ton
T	Container
U	Volumetric Unit
V	Liter
X	Cubic Meters

186 - Waybill Number

Carrier accounting number of the waybill for the inbound movement TYPE=**N0** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

BMM ED G5 N8 N8A T1 W3 ZR ZT

TRANSACTION SETS USED IN

125 311 324 404 410 417 418 419 421 424 425 426 440 451 455 456 859

187 - Weight Qualifier

Code specifying the type of weight

TYPE=**ID** MIN=**1** MAX=**2**

COMPOSITE DATA STRUCTURES USED IN
C067

SEGMENTS USED IN (AS COMPONENT)
PO5 PO6 PO7 PO8

SEGMENTS USED IN (AS SIMPLE)
AT2 AT8 AT9 AXL CD3 CF2 F04 FU1 FU3 G39 G5 G55 ID4 L0 L10 L3 L8 MS6 N7 PO4 Q2 T2 TD1 TD3 W12 W19 W20 W28

TRANSACTION SETS USED IN
104 106 107 109 110 121 125 163 180 204 210 211 212 213 214 215 219 220 222 223 224 227 240 284 300 301 304 310 311 312 315 317 322 324 325 326 350 404 410 417 422 423 426 436 440 456 470 527 715 753 754 810 812 830 832 840 843 850 852 853 855 856 857 858 859 860 861 862 863 865 867 870 888 890 893 897 920 940 943 944 945 947

CODE	DEFINITION & EXPLANATION
A	Consolidated Weight
B	Billed Weight
C	Actual Net Repeated for Combination
D	Destination Weight Agreement
E	Estimated Net Weight
F	Deficit Weight
G	Gross Weight
H	Weight Per 100 Feet
I	Weight Per 1000 Feet
J	Light Weight
K	Clean Out
L	Legal Weight
M	Minimum Weight (for rate)
N	Actual Net Weight
O	Excess Weight Over Maximum
P	Weight Per 100 Units
Q	Weight Per 1000 Units
R	Per Unit Dunnage
S	State Weight
T	Tare Weight
U	Weight Per Unit
V	Non Transit Weight (On Transit Bills Only)
W	Transit Weight (On Transit Bills Only)
X	Maximum Weight (for Rate)
Y	Theoretical Weight
Z	Mutually Defined

A1 Dimensional Weight
A2 Reweighed By Carrier
A3 Shippers Weight
A4 Average Weight per Load
A5 Average Weight
A6 SOLAS (Safety of Life at Sea) Verified Container Weight
CD Chargeable Dunnage
The weight of material used to protect material in transit for which a charge is paid
CE Certified Weight of Cargo
DR Drained Weight
FR Freight Weight
LC Maximum Lading Capacity
ND Nonchargeable Dunnage
The weight of material used to protect material in transit for which there is no charge
NI Non-Temporary Storage Weight In
NR Non-Temporary Storage Weight Re-handled
NT Non-Temporary Storage Weight Out
PA Pallet Weight
RG Reweigh Gross Weight
RN Reweigh Net Weight
RT Reweigh Tare Weight
SF Storage in Transit Final Weight Out
SI Storage in Transit Weight in
SK Skid Weight
SO Storage in Transit Weight Out
WA Administrative Weight Allowance
WB Unaccompanied Baggage Weight
WG Professional Gear Weight
WJ Joint Travel Regulation Weight
WX Net Explosive Weight
The weight of hazardous explosive material used as a factor in a formula to calculate the arc of an explosion

188 - Weight Unit Code

Code specifying the weight unit

TYPE=ID MIN=1 MAX=1

COMPOSITE DATA STRUCTURES USED IN
C067

SEGMENTS USED IN (AS COMPONENT)
PO5 PO6 PO7 PO8

SEGMENTS USED IN (AS SIMPLE)
AT2 AT8 AT9 B2 B3 B3B BW BX CF2 DMA EM F04 FU3 G39 G55 H6 L0 L10 L13 L3 L8 LAD LCT LH2
M11 N10 N21 N7 OID PLD Q2 S5 TEM V2 VC1 W12 W19 W20 W28

TRANSACTION SETS USED IN
104 106 107 109 110 120 121 125 135 163 186 187 191 200 201 204 210 211 212 213 214 215 216 219
220 222 223 224 227 252 255 267 271 272 273 284 285 300 301 304 309 310 311 312 315 317 322 324
325 326 350 353 355 358 359 404 410 417 418 421 422 423 426 435 436 440 456 470 601 603 715 753
754 832 833 856 858 859 872 888 890 893 897 920 940 943 944 945 947

CODE	DEFINITION & EXPLANATION
E	Metric Ton
G	Grams
K	Kilograms
L	Pounds
M	Measurement Ton
O	Ounces
S	Short Ton
T	Long Ton

189 - Width

Shorter measurement of the two horizontal dimensions measured with the object in the upright position

TYPE=**R** MIN=**1** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

AT9 AXL FU3 G12 G39 G55 ID1 ID3 L4 LCT MS4 N21 N7 PAL PKL PO4 PO5 PO6 PO7 PO8 SCR VC1 VID

TRANSACTION SETS USED IN

104 106 107 110 120 121 125 163 204 210 211 212 215 219 220 222 223 227 284 285 300 301 304 309 310 311 312 322 324 326 350 355 358 359 404 410 417 422 423 426 436 456 470 527 601 603 715 754 810 812 830 832 840 843 850 852 855 856 857 858 859 860 861 862 863 865 867 887 888 890 893 896 897 940 944 945

190 - Accomplish Code

Code indicating the status of a specified stop

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

IS2 S1 S5

TRANSACTION SETS USED IN

163 204 210 219 220 222 404 410 417 421 426 456 754 858 859

CODE	DEFINITION & EXPLANATION
A	Accomplished
P	Pending

191 - Advances

Incidental charges occurring during transportation which are not generally considered to be freight charges (examples - stop charges, diversion and reconsignment, icing) expressed in the standard monetary denomination for the currency specified

TYPE=**N2** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

L1 L3

TRANSACTION SETS USED IN

104 110 204 210 219 220 223 300 301 304 310 311 312 322 325 404 410 417 426 858 859

192 - Agent/Shipper Routing Code

Code identifying source of routing specification TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
R9

TRANSACTION SETS USED IN
128 404 410 417 426 460 475 494 859

CODE	DEFINITION & EXPLANATION
A	Agent for Carrier Routing
R	Origin Carrier, Rule 11 Shipment
S	Shippers Routing

193 - Net Amount Due

Total charges to be paid by the receiver of this transaction set expressed in the standard monetary denomination for the currency specified

TYPE=**N2** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

B3 B3B BSW C4 CF2 R11

TRANSACTION SETS USED IN

110 210 224 310 312 410 412 424 859

195 - Capacity Load Code

Code specifying type of capacity load

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

BX

TRANSACTION SETS USED IN

404 417 426 858

CODE	DEFINITION & EXPLANATION
C	Full Cubic Capacity
F	Full Capacity
G	Gallonage Capacity
M	Marked Capacity
T	Tight Fill *Products require that the tank trailer be filled as tightly as possible so that no movement of the product occurs in transit*
V	Full Visible Capacity

196 - Mortgagor Response Code

Code indicating borrower's attitude toward mortgage default TYPE=ID MIN=1 MAX=1

Code Sources

216

SEGMENTS USED IN (AS SIMPLE)

MRC

TRANSACTION SETS USED IN

264

197 - Mortgagee Information Status Code

Code indicating mortgagee name and address information status TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

MIS

TRANSACTION SETS USED IN

264

CODE	DEFINITION & EXPLANATION
AH	Holding Mortgagee Address Change
AS	Servicing Mortgagee Address Change
BH	Holding Mortgagee Name and Address Change
BS	Servicing Mortgagee Name and Address Change
NC	No Change
NH	Holding Mortgagee Name Change
NS	Servicing Mortgagee Name Change

199 - Confidential Billing Request Code

Code indicating that the shipper requests that the carrier inhibit origin identification information from the invoice transaction sets and/or rate and charges from waybill documents and transaction sets when shipment moves under confidential contract rates

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

BX

TRANSACTION SETS USED IN

404 417 426 858

CODE	DEFINITION & EXPLANATION
C	Confidential Billing
M	Confidential Billing and No Rate or Charges to be Shown
N	Not Applicable
R	No Rate or Charges to be Shown

200 - Hazardous Materials Page

The United Nations page number as required for the international transport of hazardous materials

TYPE=**AN** MIN=**1** MAX=**6**

Code Sources

125

SEGMENTS USED IN (AS SIMPLE)

H1 LH1

TRANSACTION SETS USED IN

104 204 210 211 219 222 284 285 286 300 301 304 309 310 312 317 322 324 325 355 404 417 418 421 423 856 858 859 888 940

201 - Business Transaction Status Code

Code indicating the status of an ocean business transaction as it relates to the processing of ocean bills of lading

TYPE=**ID** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

G3

TRANSACTION SETS USED IN

304 310

CODE	DEFINITION & EXPLANATION
BNR	B/L Not Received
DCP	Demurrage Completely Paid
DNP	Demurrage Not Paid
DPP	Demurrage Partially Paid
FCP	Freight Completely Paid
FNP	Freight Not Paid
FPP	Freight Partially Paid
LGR	Letter of Guarantee Received
OBR	Original B/L Received
TCR	Transaction Completely Rated
TNR	Transaction Not Rated
TPR	Transaction Partially Rated

202 - Correction Indicator Code

Code indicating that the transaction set contains information which corrects previous information

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

B3 B3B BSW CM ZC1 ZD ZR

TRANSACTION SETS USED IN

110 210 310 312 322 353 404 410 417 424 426 858 859 998

CODE	DEFINITION & EXPLANATION
AD	Adjustment of Previous Freight Bill Charges
AI	Supply Additional Information
AR	Adding Revenue
B1	Bad Order Car
BA	Bi-lateral Agreement Date not Met
BD	Balance Due Billing
BE	Billing Error
BO	Bad Order Setback/Bill Cancelled
CA	Cancelled Bill
CM	Cancelled Due to Multicars Being Covered on One Waybill
CO	Correction
CP	Correct Container or Consolidation Contents
CS	Consolidation
CT	Cancel Waybill
CU	Covered Under Another Universal Railroad Revenue Waybill Identification
D1	Diversion or Reconsignment
DC	Dispute Over Collect/Prepaid
DE	Delete Event
DP	Delete Container or Consolidation Contents
DS	Delayed Shipment
EM	Error Move
MB	Miscellaneous Billing
MD	Change Settlement Date
MR	Misroute
NC	No Car (Have Not Received Car)
ND	No Division Available
PD	Past Due Billing
RB	Rebilling (Ignore Previous Bill)
RC	Revenue Correction
RD	Route Dispute
RE	Reassignment/Transfer
RF	Rebuttal, Full (of previously rejected invoice)
RL	Rule 11 Domain Dispute

RP Rebuttal, Partial (of previously rejected invoice)
SC Switch Carrier
SP Separated Car From Multicar Shipment
TL Transload
WC Wrecked Car
WS Work Stoppage

203 - Cubic Capacity

Capacity of car ordered (stated in cubic feet units or cubic meter units) TYPE=**N0** MIN=**2** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

N5 SCR

TRANSACTION SETS USED IN

404 410 417 422 426 858 859

204 - Direct Store Delivery Sequence Number

Direct Store Delivery sequential number of the line item detail or a new line item detail

TYPE=**N0** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

G83 G89

TRANSACTION SETS USED IN

894 895

205 - Dunnage

Weight of material used to protect lading (even bracings, false floors, etc.)

TYPE=**N0** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

N7

TRANSACTION SETS USED IN

121 125 163 204 210 219 220 222 223 227 300 301 304 310 312 322 324 326 350 404 410 417 422 423 426 436 456 470 715 858 859

206 - Equipment Initial

Prefix or alphabetic part of an equipment unit's identifying number TYPE=**AN** MIN=**1** MAX=**4**

Code Sources

17 512

SEGMENTS USED IN (AS SIMPLE)

B12 B4 BGP BVA CAD CD1 CIC E6 ED EI F02 FAC G07 G5 GR4 IC IS1 M20 N21 N7 N8 N8A NA P1 Q5 R12 SCR T3 TD3 TI VID W08 W2 W27 X4 ZC1 ZD ZR ZT

TRANSACTION SETS USED IN

104 109 110 121 125 126 160 161 163 204 210 219 220 222 223 227 228 300 301 304 309 310 311 312 313 315 319 322 324 325 326 350 355 356 358 359 404 410 412 414 417 418 419 420 421 422 423 424 425 426 432 436 440 451 452 455 456 470 601 603 715 810 811 830 832 840 843 850 853 854 855 856 857 858 859 860 861 862 865 870 880 920 924 925 928 940 943 944 945 998

207 - Equipment Number

Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)

TYPE=**AN** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

B12 B4 BGP BVA CAD CD1 CIC E6 ED EI F02 FAC G07 G5 GR4 IC IS1 LP M20 MS2 N21 N7 N8 N8A
NA P1 Q5 R12 SCR T3 TD3 TI VID W08 W2 W27 X4 ZC1 ZD ZR ZT

TRANSACTION SETS USED IN

104 106 107 109 110 121 125 126 160 161 163 204 210 211 212 214 219 220 222 223 227 228 240 300
301 304 309 310 311 312 313 315 319 322 324 325 326 350 355 356 358 359 404 410 412 414 417 418
419 420 421 422 423 424 425 426 432 436 440 451 452 455 456 470 601 603 715 810 811 830 832 840
843 850 853 854 855 856 857 858 859 860 861 862 865 870 880 920 924 925 928 940 943 944 945 998

208 - Hazardous Material Code Qualifier

Code identifying the source of the Hazardous Material Class Code (209) TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

CD1 H1 TD4

TRANSACTION SETS USED IN

104 210 284 285 286 300 301 304 309 310 312 317 319 322 324 325 355 830 832 840 843 848 850 853 855 856 857 859 860 861 865 870 888 897

CODE	DEFINITION & EXPLANATION
4	46 Level DOT Code SEE CODE SOURCE 30
6	Airline Tariff 6D SEE CODE SOURCE 29
9	Title 49, Code of Federal Regulations (CFR) SEE CODE SOURCE 15 SEE CODE SOURCE 52
A	International Civil Aviation Organization (ICAO) Code SEE CODE SOURCE 32
B	Uniform Fire Code (UFC) SEE CODE SOURCE 707
C	Storage Compatibility Group SEE CODE SOURCE 405
D	Hazardous Materials ID, DOT SEE CODE SOURCE 52
E	Endorsement
F	Air Force Joint Manual 24-204 SEE CODE SOURCE 578
I	Intergovernmental Maritime Organization (IMO) Code SEE CODE SOURCE 31
R	Bureau of Explosives (BOE) 6000 Tariff SEE CODE SOURCE 83
T	International Air Transport Association Dangerous Goods Code List SEE CODE SOURCE 200
U	United Nations SEE CODE SOURCE 53
W	Workplace Hazardous Material Information (WHMIS) Classification System SEE CODE SOURCE 289
X	Hazard Class or Division SEE CODE SOURCE 406

209 - Hazardous Material Class Code

Code specifying the kind of hazard for a material TYPE=**AN** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

CD1 H1 TD4

TRANSACTION SETS USED IN

104 210 284 285 286 300 301 304 309 310 312 317 319 322 324 325 355 830 832 840 843 848 850 853 855 856 857 859 860 861 865 870 888 897

210 - International/Domestic Code

Code indicating international or domestic shipment TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
SL1 X1

TRANSACTION SETS USED IN
104 110 215 304 309 310 311 355 358 404 417 601 841 858 859

CODE	DEFINITION & EXPLANATION
D	Domestic
I	International

211 - Packaging Form Code

Code specifying the packaging form of the lading quantity TYPE=ID MIN=3 MAX=3

SEGMENTS USED IN (AS SIMPLE)

AT2 L0 LAD LCT OID Q7 Q8 USI

TRANSACTION SETS USED IN

104 110 163 204 210 211 212 214 219 220 222 223 240 300 301 304 310 311 312 317 322 404 410 417 426 753 754 854 858 859 888 920

CODE	DEFINITION & EXPLANATION
AMM	Ammo Pack
BAG	Bag
BAL	Bale
BBL	Barrel
BDL	Bundle
BEM	Beam
BIC	Bing Chest
BIN	Bin
BKG	Bulk Bag *A large sized flexible, intermediate bulk container; the side walls are flexible; it's made of fabric; when filled, it takes on the shape of what you put inside*
BLK	Bulk
BOB	Bobbin
BOT	Bottle *A container having a round neck of relatively smaller diameter than the body with an opening that can be fitted with lid; it does not have a handle*
BOX	Box
BRG	Barge
BSK	Basket or hamper
BXI	Box, with inner container
BXT	Bucket
CAB	Cabinet
CAG	Cage
CAN	Can
CAR	Carrier
CAS	Case
CBC	Containers of Bulk Cargo
CBY	Carboy
CCS	Can Case
CHE	Cheeses
CHS	Chest
CLD	Car Load, Rail
CNA	Household Goods Containers, Wood

CNB Container, MAC-ISO (Military Airlift Container - International Standards Organization) Light Weight 8x8x20 Foot Air
An air container conforming to ISO standards

CNC Container, Navy Cargo Transporter

CND Container, Commercial Highway Lift

CNE Engine Container

CNF Multiwall Container Secured to Warehouse Pallet

CNT Container

CNX CONEX - Container Express
An 8x8x8-foot container used for packaging and shipping military material

COL Coil

CON Cones

COR Core

CRD Cradle

CRT Crate

CSK Cask

CTN Carton

CUB Cube
A box that has a "bladder" (poly-formed bladder) inside; it has an opening similar to bottle; the interior bladder is flexible not rigid

CYL Cylinder

DBK Dry Bulk

DRK Double-length Rack

DRM Drum
A large container with a cylindrical shape; top may have removable or sealed top sides may be fiberboard or metal

DSK Double-length Skid

DTB Double-length Tote Bin

DUF Duffle Bag

ENV Envelope

FIR Firkin

FLO Flo-bin

FLX Liner Bag Liquid
A rubber liner used in a standard container for liquid material

FRM Frame

FSK Flask

FWR Forward Reel

GOH Garments on Hangers

HED Heads of Beef

HGH Hogshead

HPR Hamper

HPT Hopper Truck

HRB On Hanger or Rack in Boxes

HRK Half-standard Rack

HTB Half-Standard Tote Bin

JAR Jar

JUG Jug
A bottle (usually 1/2 gallon or larger) fitted with a handle

KEG Keg

KIT Kit

KRK Knockdown Rack

KTB Knockdown Tote Bin

LBK Liquid Bulk

LIF Lifts

LOG Log

LSE Loose

LUG Lug

LVN Lift Van

MLV MILVAN - Military Van
A 20-foot transportation van that conforms to ISO standards

MRP Multi-Roll Pack

MSV MSCVAN - Military Sealift Command Van
A 35-foot transportation van

MXD Mixed Type Pack

NOL Noil

OVW Overwrap
A cardboard bottom is put down on a pallet; the bags are stacked in layers; the top of the cardboard slides down over the bags to meet the bottom; if any of the bags tear, the product always stays inside the cardboard

PAL Pail

PCK Packed - not otherwise specified

PCS Pieces

PIR Pims

PKG Package

PLF Platform

PLL 463L Air Pallet

PLN Pipeline

PLT Pallet

POV Private Vehicle

PRK Pipe Rack

QTR Quarter of Beef

RAL Rail (Semiconductor)

RCK Rack

REL Reel

ROL Roll

RVR Reverse Reel

SAK Sack

SBC Liner Bag Dry
A plastic liner used in container designed for the carriage of dry free-flowing material

SCS Suitcase

SHK Shook
SHT Sheet
SID Side of Beef
SKD Skid
SKE Skid, elevating or lift truck
SLP Slip Sheet
Shipping containers utilizing slip sheets, which are cardboard platforms used to hold product for storage or transportation
SLV Sleeve
SPI Spin Cylinders
SPL Spool
SVN SEAVAN - Sea Van
A commercial or military 40-foot transportation container that conforms to ISO standards
TBE Tube
TBN Tote Bin
TKR Tank Car
TKT Tank Truck
TLD Intermodal Trailer/Container Load (Rail)
TNK Tank
TRC Tierce
TRI Triwall Box
A sturdy box made of three-ply cardboard
TRK Trunk and Chest
TRU Truck
TRY Tray
TSS Trunk, Salesmen Sample
TTC Tote Can
A reusable stainless steel container with handles; used for liquid material
TUB Tub
UNP Unpacked
UNT Unit
VEH Vehicles
VPK Van Pack
WHE On Own Wheel
WLC Wheeled Carrier
WRP Wrapped

212 - Unit Price

Price per unit of product, service, commodity, etc. TYPE=**R** MIN=**1** MAX=**17**

COMPOSITE DATA STRUCTURES USED IN

C077

SEGMENTS USED IN (AS COMPONENT)

CTP

SEGMENTS USED IN (AS SIMPLE)

BLI BOX CDD CPR CS CTP DVI G21 IT1 PO1 PO3 POC PSC SER SII SLN SR UIT X1 XH

TRANSACTION SETS USED IN

100 104 111 112 124 140 142 143 154 170 180 187 194 195 206 215 251 255 256 267 268 271 272 273 284 285 286 304 309 310 311 325 355 358 404 412 417 453 503 511 527 536 561 567 568 601 754 810 811 812 820 821 822 823 830 832 836 837 840 841 842 843 844 845 846 847 849 850 851 852 855 856 857 858 859 860 861 862 863 865 866 867 870 873 874 875 876 878 883 886 888 894 897 940 947

213 - Lading Line Item Number

Sequential line number for a lading item

TYPE=**N0** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

AT1 C8 F09 L0 L1 L5 L7 LH

TRANSACTION SETS USED IN

104 110 126 204 210 211 215 223 300 301 304 310 311 312 317 322 362 404 410 417 421 423 426 456 470 810 858 859 920

214 - Waybill Request Code

Code identifying the type of waybill request TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
ZT

TRANSACTION SETS USED IN
425

CODE	DEFINITION & EXPLANATION
C	Electronic Car Movement
E	Electronic Revenue Waybill
H	Electronic Haulage Waybill
P	Paper Revenue Waybill Document

215 - Hazardous Classification Code

Code specifying the hazardous classification corresponding to the shipping name of the hazardous commodity

TYPE=**ID** MIN=**1** MAX=**30**

Code Sources

83

SEGMENTS USED IN (AS SIMPLE)

LFG LH2 LHT

TRANSACTION SETS USED IN

204 211 219 222 284 300 301 304 310 312 322 404 417 418 421 423 435 832 856 858 940

216 - Metric Qualifier

Code identifying that measurements are given in metric units TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

N5 SCR

TRANSACTION SETS USED IN

404 410 417 422 426 858 859

CODE	DEFINITION & EXPLANATION
M	Metric Units

218 - Hazardous Placard Notation Code

Code identifying the placard notation corresponding to the hazard class of the hazardous commodity

TYPE=**ID** MIN=**14** MAX=**40**

Code Sources

83

SEGMENTS USED IN (AS SIMPLE)

LFG LH2 LHE LHT

TRANSACTION SETS USED IN

204 211 219 222 284 300 301 304 310 312 322 404 417 418 421 423 435 832 856 858 940

219 - Position

Relative position of shipment in car, trailer, or container (mutually defined)

TYPE=**AN** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

EI N7 NA TSD W2

TRANSACTION SETS USED IN

121 125 160 163 204 210 212 219 220 222 223 227 228 300 301 304 310 311 312 322 324 326 350 404 410 417 418 422 423 426 436 451 456 470 715 856 858 859

220 - Billed/Rated-as Quantity

Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81

TYPE=**R** MIN=**1** MAX=**11**

SEGMENTS USED IN (AS SIMPLE)

L0 L1 L8

TRANSACTION SETS USED IN

104 110 210 220 223 300 301 304 310 311 312 317 322 325 404 410 417 426 858 859

221 - Billed/Rated-as Qualifier

Code identifying the type of quantity or value on which the rate or item pricing is based

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CHR DRT L0 L1 L8

TRANSACTION SETS USED IN

104 110 210 220 223 300 301 304 310 311 312 317 322 325 404 410 414 417 426 432 858 859

CODE	DEFINITION & EXPLANATION
AR	Appurtenance (Enhancements/Additions to Equipment)
BA	Barrels *Identifies a billable unit expressed as a type of container*
BX	Box
CC	Cubic Centimeter
CF	Cubic Foot
CM	Centimeter
DD	Interstate Commerce Commission (ICC) Docket 28300 Miles SEE CODE SOURCE 966
DK	Kilometers
DM	Miles
DR	Drivers *Identifies a billable unit expressed as persons operating equipment*
EA	Each
FR	Flat Rate
FT	Foot
GC	100 Gallons
GL	Gallon
HG	Rand McNally Highway Miles SEE CODE SOURCE 965
KG	Kilogram
LB	Pound
LC	100 Pounds
LH	100 Liters
LR	Liter
MR	Mileage
MT	Measurement Ton
MV	Monetary Value
NB	Barge
NC	Car
ND	Cord *A volume measurement*
NG	Nights *Identifies a billable unit expressed as nights; one night is the period between 6 p.m. of a*

given day to 6 a.m. of the next

NL Load

NN Train

NP Piece

NR Container

NT Trailer

NU Unit
A specific measurement in rating shipments

NV Vehicle

OR Other

PB PC*Miler for Rail Miles - Bulk
SEE CODE SOURCE 964

PF PC*Miler for Rail Miles - Fuel
SEE CODE SOURCE 964

PI PC*Miler for Rail Miles - Intermodal
SEE CODE SOURCE 964

PK Package

PP PC*Miler for Rail Miles - Practical
SEE CODE SOURCE 964

PR Persons
Identifies a billable unit expressed as persons performing an additional service other than the operation of equipment

PS PC*Miler for Rail Miles - Shortest
SEE CODE SOURCE 964

QP PC*Miler for Highway Miles - Practical
SEE CODE SOURCE 964

QS PC*Miler for Highway Miles - Shortest
SEE CODE SOURCE 964

RR Rail Carrier Miles
SEE CODE SOURCE 966

RV Release Value

SP Stops
Identifies a billable unit expressed as stops that are authorized as part of a shipment of goods

ST Number of States

SY Square Yards

TD Days

TH Hours

TN Tons
Identifies a billable unit expressed as short tons (2000 pounds)

TR Time

VA Actual Volume

VC Chargeable Volume

VM Volume Metric Unit

222 - Hazardous Endorsement Code

Code specifying the placard endorsement that is to be shown on the shipping papers for the hazardous commodity

TYPE=**ID** MIN=**4** MAX=**25**

Code Sources

83

SEGMENTS USED IN (AS SIMPLE)

LH2 LHT

TRANSACTION SETS USED IN

204 211 219 222 284 300 301 304 310 312 322 404 417 418 421 423 435 856 858 940

223 - Repetitive Pattern Number

RWC number composed of a four-digit number with a fifth digit being a modulus 10 checkdigit

TYPE=**N0** MIN=**5** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

BNX

TRANSACTION SETS USED IN

404 417 426 858 940

224 - Hazardous Material Shipping Name

The proper shipping name of the hazardous commodity as specified by Title 49 Code of Federal Regulations, or the shipping name of the dangerous good as defined in the Canadian Transportation of Dangerous Goods Act and Regulations, or the international regulations as promulgated by the United Nations

TYPE=**AN** MIN=**1** MAX=**25**

Code Sources

83

SEGMENTS USED IN (AS SIMPLE)

LH3 LHE TD4

TRANSACTION SETS USED IN

104 204 211 219 222 284 300 301 304 310 312 322 404 417 418 421 423 435 830 832 840 843 848 850 853 855 856 857 858 860 861 865 870 888 897 940

225 - Seal Number

Unique number on seal used to close a shipment TYPE=**AN** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

G07 M15 M7 M7A TD3 VID W08 W10

TRANSACTION SETS USED IN

204 210 212 214 220 223 227 228 304 309 310 311 312 322 324 325 350 353 355 358 359 404 410 417
426 601 830 832 840 843 850 853 854 855 856 857 858 859 860 861 862 865 870 920 940 943 944 945

226 - Section Seven Code

Code indicating applicability of section seven option (if not transmitted assume not in effect)

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

BOL BX

TRANSACTION SETS USED IN

211 404 417 426 858

CODE	DEFINITION & EXPLANATION
N	Not in Effect
S	In Effect

227 - Tariff Column

A tariff commodity classification that is used, as a means of control, for grouping of commodities in tariff applications

TYPE=**AN** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

L7

TRANSACTION SETS USED IN

126 210 304 310 312 810 858 859

228 - Dangerous Goods Primary Classification Code

Code indicating the primary classification number of dangerous goods. TYPE=**ID** MIN=**1** MAX=**6**

Code Sources

84

SEGMENTS USED IN (AS SIMPLE)

TD4

TRANSACTION SETS USED IN

104 830 832 840 843 848 850 853 855 856 857 860 861 865 870 888 897

229 - Transit Registration Number

Freight bill or bureau number used to identify a transit shipment TYPE=**AN** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

T1

TRANSACTION SETS USED IN

404 410 417 426

230 - Subsidiary Classification Code

Code indicating the classification of dangerous goods, other than the primary classification, that is associated with a number or a set of numbers

TYPE=**ID** MIN=**1** MAX=**3**

Code Sources

84

SEGMENTS USED IN (AS SIMPLE)

LH4

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 435 832 856 858 897 940

231 - Cross Reference Type Code

Code specifying relationship of equipment to equipment cross-referenced

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

N8 NA

TRANSACTION SETS USED IN

228 311 322 324 404 410 417 421 426 451 456 858 859

CODE	DEFINITION & EXPLANATION
A	Additional Equipment for Manifest Billing
B	Basket Attached to Chassis (to hold generator set)
C	Prior Load Credit
D	Chassis Attached to Container
F	Conveying Flat Car
G	Reference to Lead Equipment for Manifest Billing
H	Generator Set
K	Clip-on Front-Mounted Generator Unit For Container
L	Lead Car
M	Mated
N	Cryogenic Apparatus
R	Tractor
S	Saddle to Conveying Flatcar
T	Trailer
X	Transfer Load

232 - Weight Allowance

Allowance made for increased weight due to such factors as snow TYPE=**N0** MIN=**2** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

G5 N7

TRANSACTION SETS USED IN

121 125 163 204 210 219 220 222 223 227 300 301 304 310 312 322 324 326 350 404 410 417 422 423 426 436 440 456 470 715 858 859

233 - Weight Capacity

Capacity of car ordered (stated in 1000 pound units or 1000 kilogram units)

TYPE=**N0** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

N5 SCR

TRANSACTION SETS USED IN

404 410 417 422 426 858 859

234 - Product/Service ID

Identifying number for a product or service

TYPE=**AN** MIN=**1** MAX=**80**

COMPOSITE DATA STRUCTURES USED IN

C003

SEGMENTS USED IN (AS COMPONENT)

DRA EB EQ SV1 SV2 SV3 SV4 SV5 SV6 SVC SVD

SEGMENTS USED IN (AS SIMPLE)

ACK ADJ AM1 AP1 AXL BLI CHI CRO DLV DP EMP F07 FU4 FU5 FX3 FX4 FX5 G17 G19 G21 G28 G39 G45 G51
G54 G55 G68 G83 G89 HCP ID1 ID3 IT1 IT8 JID JIL LAD LIC LIN LS1 MIC MNC PKL PO1 POC Q8 RC REP
SCM SER SI SII SLN SR SV2 SVC SVD TIS UCS UPI W01 W04 W07 W12 W19

TRANSACTION SETS USED IN

100 105 111 112 124 140 141 142 143 154 180 186 187 194 195 200 201 202 204 205 206 215 219 220
222 251 252 255 256 261 262 263 265 267 268 269 270 271 272 273 275 276 277 278 304 325 412 453
500 503 511 527 536 561 650 754 805 810 811 812 814 818 819 820 822 823 830 832 833 835 836 837
838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 854 855 856 857 858 860 861 862 863
865 866 867 869 870 872 873 874 875 876 877 878 879 880 881 883 886 887 888 889 890 893 894 895
896 897 924 940 943 944 945 947

235 - Product/Service ID Qualifier

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

TYPE=**ID** MIN=**2** MAX=**2**

COMPOSITE DATA STRUCTURES USED IN
C003

SEGMENTS USED IN (AS COMPONENT)
DRA EB EQ SV1 SV2 SV3 SV4 SV5 SV6 SVC SVD

SEGMENTS USED IN (AS SIMPLE)
ACK ADJ AM1 AXL BLI CD2 CHI CR6 CRO DLV DSB EMP FU4 FU5 FX3 FX4 FX5 G17 G19 G21 G28 G39 G45 G51 G54 G55 G68 G83 G89 HCP ID1 ID3 IT1 IT8 JID JIL LAD LIC LIN MNC PKL PO1 POC Q8 RC REP SER SII SLN TIS UCS UPI W01 W04 W07 W12 W19

TRANSACTION SETS USED IN
100 105 111 112 140 141 142 143 154 180 186 194 195 200 201 204 205 215 219 220 222 251 252 255 256 261 262 265 267 268 269 270 271 272 273 275 276 277 278 304 325 412 500 503 511 527 536 561 650 754 805 810 811 812 814 818 819 820 822 823 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 854 855 856 857 858 860 861 862 863 865 866 867 869 870 873 874 875 876 877 878 879 880 881 883 886 887 888 889 890 893 894 895 896 897 940 943 944 945 947

CODE	DEFINITION & EXPLANATION
00	Credit Card
01	Country Subdivision of cultivation *Province or state where the product was cultivated. ISO code list 3266-2 character* SEE CODE SOURCE 5
02	Next Higher Assembly Serial Number *Identifies the Next Higher Serial Number for the item that is discrepant*
03	Military Articles and Services List *Identifies the Military Articles and Services List which is used by Foreign Military Sales. This list is a specialized government contract list specific to the DoD.*
04	End Item National Stock Number *Identifies the NSN for the End Item. (Note that in the DoD an NSN and an end item NSN are two distinct things.)*
05	Used to indicate the DoD hazardous waste disposition document control number *According to DoD Policy, supports processing of hazardous waste disposal*
A1	Plant Equipment Number *Item identifier is a plant equipment number*
A2	Department of Defense Identification Code (DoDIC) *Qualifies a code that uniquely identifies a type of explosive or ammunition* SEE CODE SOURCE 196
A3	Locally Assigned Control Number *Item identifier is a locally assigned control number used to catalog and manage material*
A4	Subsistence Identification Number *Item identifier is a brand-name resale subsistence item*
A5	Application State or Province SEE CODE SOURCE 22

A6 Document Identification Code
Item identifier subclassifies the intended use of the transaction

A7 Subline Item Number
A further subdivision of a contract or exhibit line item that identifies a specific part of that contract or exhibit line item

A8 Exhibit Line Item Number
The line item of a document referenced in and appended to a procurement instrument which establishes a delivery requirement

A9 Activity

AA Assembly Level Code, Vehicle Maintenance Reporting Standards (VMRS) 2000 Code Key 32
Assembly within the vehicle system that contains the causal component
SEE CODE SOURCE 95

AB Assembly

AC Aggregation Code (Used to Consolidate Part Families)

AD American Dental Association Codes
This association's membership consists of U.S. dentists. It sets standards for the dental profession
SEE CODE SOURCE 135

AE Serial Item and Contribution Identifier (Defined in ANSI 239.56)

AF Front Axle Serial Number

AG Age
The period during which, after distillation and before bottling, distilled spirits have been stored in oakcontainers

AH Billboards Commercial

AI Alternate ISBN

AJ Piggyback Commercial

AK Refined Product Code
SEE CODE SOURCE 306

AL Axle Serial Number

AM Allocation Methodology Identification Code

AN Asset Number

AO Assemblage Identification Number
A system generated number used in combination with the Build Directive Number for internal control of component control numbers being applied to a particular medical or industrial kit or assembly
SEE CODE SOURCE 350

AP Component Level Code, Vehicle Maintenance Reporting Standards (VMRS) 2000 Code Key 33
Casual component within the vehicle assembly
SEE CODE SOURCE 95

AQ Appraisal Product Type

AR ARINC Part Number

AS Rear Axle Serial Number

AT Assortability Code

AU Appraisal Service

AV Additional Product Identification Assigned by the Manufacturer
EAN.UCC (EAN International .Uniform Code Council) Application Identifier 240
SEE CODE SOURCE 41

AW Well Number
SEE CODE SOURCE 308

AX Assembly Lot Number
A serialization number identifying good's manufacturing location

AY System Level Code, Vehicle Maintenance Reporting Standards (VMRS) 2000 Code Key 31
System within the vehicle that contains the casual assembly
SEE CODE SOURCE 95

AZ Axle Ratio

B1 Volume Set

B2 Library of Congress Code

B3 Edition Code

B4 Binding Code

B5 Title Code

B6 Author Code

B7 Publisher Code

B8 Batch Number

B9 Front Axle Driven Serial Number

BA Bale Number

BB Print Color Standard Reference
Customer decides after trial run of a print on a pre-dyed fabric a point of reference for the shade of the print color, light or darkness of the print; this reference then becomes a standard for the finisher to go by - as a customer orders fabric this code is used to identify to finisher the shade of the print on the fabric

BC Supplier Brand Code

BD Buyer Ground Shade Identifier
For each color there are various degrees of the color red for instance has degrees chinese red, fire engine red, etc; to each degree a symbol called ground shade is established by both the buyer and seller; to the buyer it might be fire engine red, whereas to the seller the same classification might have a different symbol; need to identify both in a purchase order

BE Buyer's Engineering Change Level Number

BF Vendor Ground Shade Identifier
For each color there are various degrees of the color red for instance has degrees chinese red, fire engine red, etc; to each degree a symbol called ground shade is established by both the buyer and seller; to the buyer it might be fire engine red, whereas to the seller the same classification might have a different symbol; need to identify both in a purchase order

BG Ground Shade Standard Reference
Buyer established shade reference at time first lot was dyed; this refers seller (dyer) backto a previous lot to match the shade

BH Finish/Hand Standard Reference
Fabrics can be finished in many types of finish: water repellent, Scotch Guard, etc.; within each finish a mill can create a degree of softness or hardness depending on how fabric should feel to the customer; this degree is assigned a reference number for reordering purposes

BI Rear Axle Rear Non Driven Serial Number

BJ Application Completion Method

BK Backing

BL Brand/Label

BM Beam Number

BN Bar-Coded Serial Number
BO Buyers Color
BP Buyer's Part Number
BQ Benefit ID
BR Compensation Type Code
SEE CODE SOURCE 471
BS Bill Subgroup Code
BT Volume Type Identification Code
BU Bus Body Serial Number
BV Beverage Common Code
SEE CODE SOURCE 467
BW Compensation Allocation Code
SEE CODE SOURCE 541
BX Bill Credit Code
BY Concept Code
BZ Coverage Type
SEE CODE SOURCE 551
C1 Channel
C2 Connector Type
C3 Classification
SEE CODE SOURCE 532
C4 Configuration Item Identifier
C5 Insurance Plan Description Characteristics
SEE CODE SOURCE 556
C6 Asset Type
C7 Asset Category
A description of the scope of investment assets
C8 Fund Sub-Advisor
C9 Dun & Bradstreet Standard Product and Service Code
SEE CODE SOURCE 572
CA Case
CB Buyer's Catalog Number
CC Compatible Cut Number
CD Motor Vehicle-Line Designator
CE Class of Contract Code
CF Chassis Serial Number
CG Commodity Grouping
CH Country of Origin Code
SEE CODE SOURCE 5
CI Common Language Equipment Identifier (CLEI)
SEE CODE SOURCE 138
CJ Current Procedural Terminology (CPT) Codes
Published by the AMA. It is a listing of descriptive terms and identifying codes for reporting medical services and procedures performed by physicians; the uniform language accurately designates medical, surgical, and diagnostic services, and thereby provides reliable communications among physicians, patients, and payers
SEE CODE SOURCE 133
CK Candidate Oil

CL Color

CM National Retail Federation Color Code
SEE CODE SOURCE 88

CN Commodity Name

CO Chemical Abstract Service (CAS) Registry Number
SEE CODE SOURCE 69

CP Carry-over Part Number

CQ Equipment Code per COPAS standard
SEE CODE SOURCE 61

CR Contract Number

CS Service code per COPAS standard
SEE CODE SOURCE 61

CT Continuation (ID Number Spans Multiple Product ID Data Elements)

CU Cut Number

CV Customer Provided Equipment
The termination equipment being used will be provided by the customer

CW Contract Activity Code
SEE CODE SOURCE 472

CX Completion Number

CY Customer Company Registry Number

CZ Country from which Procured
Country from which the item was obtained
SEE CODE SOURCE 5

D1 Underwriting Method of Direct Writer

D2 Medical Information Bureau (MIB) Authorization

D3 Policy Form

D4 Plan Code

D5 Coverage Risk Type

D6 Medical Stop Loss Level Codes
SEE CODE SOURCE 687

D7 Medical Stop Loss Coverage Codes
SEE CODE SOURCE 688

D8 Medical Stop Loss Product Line Codes
SEE CODE SOURCE 689

D9 RxNorm
SEE CODE SOURCE 978

DA Automobile Repair Product Code
SEE CODE SOURCE 718

DB GS1 DataBar
SEE CODE SOURCE 41

DC International Classification of Diseases, 10th Revision, Clinical Modification (ICD-10-CM)
The International Classification of Diseases, 10th Revision, Clinical Modification (ICD-10-CM), describes the classification of morbidity and mortality information for statistical purposes and for the indexing of healthcare records by diseases. This is a diagnosis code.
SEE CODE SOURCE 897

DD Distributor

DE Design Number

DF Device Family
SEE CODE SOURCE 532

DG Discount Grouping

DH Transport4 Commodity Code
SEE CODE SOURCE 841

DI Deposit Item Number

DJ Dependent Proprietary Product
A trade item may be required or used in conjunction with the current trade item to make the current trade item functional

DK Primary Alternate Product
A trade item that is like the current trade item but is not an exact match. Same form fit function, e.g. same product different colour, different package size, better quality

DL Dye Lot Number

DM Committee for Uniform Security Identification Procedure Number (CUSIP) Number

DN Die Number

DO Dividend Use
SEE CODE SOURCE 542

DP Discontinued Part Number

DQ Event Type
SEE CODE SOURCE 543

DR Drawing Revision Number

DS Group ID

DT Device Type
SEE CODE SOURCE 532

DU Joint Life Type

DV Location Code

DW Nonforfeiture Option
SEE CODE SOURCE 544

DX International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM) - Diagnosis
The International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM), Volumes I, II (diagnoses) and III (procedures), describes the classification of morbidity and mortality information for statistical purposes and for the indexing of healthcare records by diseases and procedures; this is a diagnosis code.
SEE CODE SOURCE 131

DY Premium Rate Type
SEE CODE SOURCE 545

DZ Diagnosis Code Pointer

E1 Contract Change Authorization Type
SEE CODE SOURCE 564

E2 Fund Abbreviation

E3 Fund Type
SEE CODE SOURCE 490

E4 Related Policy Identification

E5 Tax Code

E6 Contract Transfer Reason Code
SEE CODE SOURCE 565

E7 Berenson-Eggers Type of Service

E8 International Society of Blood Transfusion device identifier
SEE CODE SOURCE 993

E9 Human Cell, Tissue or Cellular or Tissue-Based Product code
SEE CODE SOURCE 994

EA EAN-99 In-store Coupon Code

EB Fuel Tank Serial Number

EC Engineering Change Level

ED Engine Displacement Identification

EE Premium Use
SEE CODE SOURCE 546

EF Exhibit Identifier
Identification letter for an exhibit attached to a solicitation.

EG Purpose of Insurance
SEE CODE SOURCE 547

EH Sales Presentation ID

EI Expense Identifier

EJ Service Feature ID

EK Settlement/Payout Option
SEE CODE SOURCE 550

EL Buyer's Subline Item Number
A subset of a buyer's item number (e.g., the relationship of a contract subline item number to its corresponding contract line item number

EM Equipment Identification Number
Product identification number

EN GTIN-13
A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and CheckDigit used to identify trade items
SEE CODE SOURCE 41

EO GTIN-8
An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items
SEE CODE SOURCE 41

EP Buyer's End Product Number

EQ Equipment Type

ER Jurisdiction Specific Procedure and Supply Codes
SEE CODE SOURCE 576

ES Engine Serial Number

ET Department of Defense Enterprise Identifier
An activity identifier code assigned to the entity that is responsible for assigning a unique item identifier to an item

EU Skill Code

EV Equivalent Product
A product which can be in place of the original trade item based on supplier-defined functional equivalence to the trade item.

EX Exchanged Part, Assembly or Product

EZ Shift Worked

F1 Catalog Number
Item identifier specifies a manufacturer's catalog that applies to an item

F2 Technical Order Number
Item identifier specifies a technical order that applies to an item

F3 Technical Manual Number
Item identifier specifies the technical manual listing the item

F4 Series Identifier
An identification of equipment having the same basic design but not necessarily identical configurations (within the equipment model)

F5 Obligation Authority Number
Item identifier specifies the funding authority related to an expense or procurement

F6 First Prior Identifier

F7 End-Item Description
Item identifier describes an end-item associated with the use of the required material

F8 Next Higher Used Assembly
Item identifier describes the next higher assembly associated with the use of the required material

F9 Former Publisher

FA Failed Subassembly Serial Number

FB Form Number

FC Coupon Family Code

FD Fund

FE Feature

FF Fifth Wheel Serial Number

FG Fund Manager

FH Freddie Mac Affordable Lending Product Code
SEE CODE SOURCE 511

FI Finish Number

FJ Fannie Mae Affordable Lending Product Code
SEE CODE SOURCE 554

FK Freddie Mac Project Condominium Classification Code
SEE CODE SOURCE 511

FL Finish Lot Number

FM Failed Subassembly Model Number

FN Final Test Lot Number
A serialization number identifying the final test event of goods

FP Fabric Pieces Per Roll

FQ Fannie Mae Project Condominium Classification Code
SEE CODE SOURCE 554

FR Front Axle, Rear

FS National Stock Number
SEE CODE SOURCE 27

FT Federal Supply Classification
SEE CODE SOURCE 27

FU National Alcohol Beverage Control Association (NABCA) Product Code
SEE CODE SOURCE 842

FV Drug Identification Number (DIN)
SEE CODE SOURCE 874

FW New Microcode
Microcode: 1) One or more microinstructions, 2) A code, representing the instructions of an instruction set, that is implemented in a part of storage that is not program-addressable

FX Federal Supply Group

FY Department of Defense Line Item Number
A unique Department of Defense-assigned number applied to materiel.

GA Gathering

GC Grade Code

GD Grain Direction

GE Generic Name Description

GI Graphics Industry Bar Code (GIBC)

GK Glider Kit
In the automotive industry a "glider kit" is the term for an incomplete vehicle with a vehicle identification number assigned and is typically manufactured without an engine, transmission, driveline, or rear axle(s); often the glider kit is used as the replacement shell for a vehicle involved in an accident

GM General Services Administration (GSA) Special Item Number

GN Grade Name

GQ Group Qualifier Code
SEE CODE SOURCE 491

GR Gear Ratio

GS General Specification Number

GU Volume Usage Identification Code

GV Serialized Global Returnable Asset Identifier (GRAI)
The globally unique GS1 System identification number for a reusable package or transport equipment of a certain value, such as a beer keg, gas cylinder or pallet. The identifier includes a 1 to 16 character serial number. The serialized GRAI enables returnable assets to be identified by type or individually for tracking or sorting purposes

GW Global Returnable Asset Identifier (GRAI)
An identifier that is used to identify a returnable asset represented as a reusable package or transport equipment. The GRAI makes use of the GS1 Company Prefix to generate the unique asset number
SEE CODE SOURCE 41

GX Global Individual Asset Identifier (GIAI)
An identifier that is used to uniquely identify an entity that is part of the fixed inventory of a company. The GIAI makes use of the GS1 Company Prefix to generate the unique asset number
SEE CODE SOURCE 41

HA Country Subdivision Code
ISO 3166-2 code value for state or province
SEE CODE SOURCE 5

HB Country of Origin with Country Subdivision Code
ISO 3166-1 country code value and ISO 3166-2 state or province code value
SEE CODE SOURCE 5

HC Healthcare Common Procedure Coding System (HCPCS) Codes
Centers for Medicare & Medicaid Services (CMS) coding scheme to group procedure(s) performed on an outpatient basis for payment to hospital under Medicare; primarily used for ambulatory surgical and other diagnostic departments
SEE CODE SOURCE 130

HD International Harmonized Commodity Code
For customs authority purposes, the class and description of a subject part or material item per harmonized agreements on tariff commodity codes

HF Country Subdivision from where Procured
Province or state where the product was sourced. ISO code list 3166-2 character

SEE CODE SOURCE 5

HI HIBC (Health Care Industry Bar Code) Supplier Labeling Standard Primary Data Message
The primary data message consists of the LIC (Labeler Identification Code), product catalog number, and unit-of-measure identifier

HJ Province or State of Product Processing Code
A product that has been entirely processed in this state or province, ISO 3166-2 code value for state or province
SEE CODE SOURCE 5

HK Province or State of Product Packaged
A product that has been imported in bulkand packaged in this state or province, ISO 3166-2 code value for state or province
SEE CODE SOURCE 5

HN Heat Number

HP Health Insurance Prospective Payment System (HIPPS) Rate Code
SEE CODE SOURCE 716

HQ Alcoholic Beverage Subregion
Code identifying the geographical region where the raw material for alcoholic beverages were grown. Code list managed by GS1 Canada (8-digit code) called Alcoholic Beverage Subregion
SEE CODE SOURCE 987

IA Information Media Type

IB International Standard Book Number (ISBN)

IC Interior Color Number

ID International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM) - Procedure
The International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM), Volumes I, II (diagnoses) and III (procedures), describes the classification of morbidity and mortality information for statistical purposes and for the indexing of healthcare records by diseases and procedures; this is a procedure code.
SEE CODE SOURCE 131

IE Insurer's Fund Code

IF Investment Fund Type
SEE CODE SOURCE 496

IG Ignition Key Number

IH International Classification of Diseases, 11th Revision,Clinical Modification (ICD-11-CM)

II Commodity Item Identification

IJ International Classification of Diseases, 11th Revision, Procedure Coding System (ICD-11-PCS)

IM Imprint (Trademark Code of Subsidiary)

IN Buyer's Item Number

IP International Classification of Diseases, 10th Revision, Procedure Coding System (ICD-10-PCS)
The International Classification of Diseases, 10th Revision, Procedure Coding System (ICD-10-PCS), describes the classification of inpatient procedures for statistical purposes and for the indexing of healthcare records by procedures. This is a procedure code.
SEE CODE SOURCE 896

IQ IRS Qualification Code
SEE CODE SOURCE 493

IR Ingredient
SEE CODE SOURCE 532

IS International Standard Serial Number (ISSN)
IT Buyer's Style Number
IU Department of Defense Issuing Agency Code
A designator that represents the registration authority that issued the enterprise identifier
IW Interchangeability Code
Air Transport Association code specifying the interchangeability level among components
SEE CODE SOURCE 219
IZ Buyer's Size Code
JA Anniversary
JB Commission Identifier
JC Commission Year
JD Contribution Year
JN Job Number
JP Package Type Code
Packaging method used for manufacturer product
JS Job Sequence Number
KA Engineering Data List
KB Data Category Code
SEE CODE SOURCE 188
KD Replacement National Stock Number
KE Military Standard
KF Item Type Number
KG Time Compliant Technical Order
KI Cognizance Symbol
SEE CODE SOURCE 315
KJ Material Control Code
SEE CODE SOURCE 315
KK Special Material Identification Code
SEE CODE SOURCE 315
KL Item Management Code
SEE CODE SOURCE 315
KM Shelf-Life Code
SEE CODE SOURCE 192
KN Shelf-Life Action Code
SEE CODE SOURCE 192
KP Kanban Plan Number
L1 Program Level
L2 Topic Level
L3 Subtopic Level
L4 Life/Annuity Service Features
SEE CODE SOURCE 495
L5 Line of Authority
SEE CODE SOURCE 536
L6 Lube, Synthetic
LA Labor Group
LB Logical Observation Identifier Names and Codes (LOINC) Codes
SEE CODE SOURCE 663

LC Laboratory Test Condition Code
SEE CODE SOURCE 279

LD SNOMED, Systematized Nomenclature of Medicine
SEE CODE SOURCE 662

LG Lift Gate Serial Number

LM Lottery Game Number

LN Lottery Pack/Book Number

LP Life/Annuity Product Code
SEE CODE SOURCE 490

LR Lease Number

LS Load Sequence

LT Lot Number

LU Lot Pricing Unit Number

MA Machine Number

MB Measurement Type Code
SEE CODE SOURCE 126

MC Mortgage Credit Data Order Type

MD Method of Delivery Code
SEE CODE SOURCE 126

ME Market Program Code

MF Manufacturer

MG Manufacturer's Part Number

MH Medication Code
SEE CODE SOURCE 532

MI Mortgage Insurance Product Code or Number

MJ Manual Transmission Serial Number

MK Front Axle Non Driven Serial Number

MM Motor Equipment Manufacturing Association (MEMA) Product Type Code
SEE CODE SOURCE 19

MN Model Number

MO Movement Type Code
SEE CODE SOURCE 126

MP Mortgage Product Code

MQ Mortgage Underwriting Type

MR Maintenance Index Page Reference Number

MS Military Specification (MILSPEC) Number

MT Major Product/Material/Machine Type

MU Authorized Parts List Number

MV Equipment Location

MW Equipment Hierarchical Sequence Identifier

MX Repair Induction Identifier

N1 National Drug Code in 4-4-2 Format
4-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
SEE CODE SOURCE 240

N2 National Drug Code in 5-3-2 Format
5-digit manufacturer ID, 3-digit product ID, 2-digit trade package size
SEE CODE SOURCE 240

N3 National Drug Code in 5-4-1 Format
5-digit manufacturer ID, 4-digit product ID, 1-digit trade package size
SEE CODE SOURCE 240

N4 National Drug Code in 5-4-2 Format
5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
SEE CODE SOURCE 240

N5 National Health Related Item Code in 5-5 Format
SEE CODE SOURCE 240

N6 National Health Related Item Code in 4-6 Format
SEE CODE SOURCE 240

N7 National Drug Code in 6-4-2 Format
Comprised of 6-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
SEE CODE SOURCE 240

ND National Drug Code (NDC)
SEE CODE SOURCE 134

NE Yarn Count - English
Identifies that the spun yarn number is expressed in English units

NG National Glass Association (NAGS) Number
SEE CODE SOURCE 474

NH National Health Related Item Code

NM Yarn Count - Metric
Identifies that the spun yarn number is expressed in Metric units

NN National Item Identification Number
A number assigned to each approved item identification under the Federal Cataloging Program
SEE CODE SOURCE 148

NP Natural Health Product Number
SEE CODE SOURCE 954

NR Non-resaleable item (excluding deposit) number

NU National Uniform Billing Committee (NUBC) UB92 Codes
SEE CODE SOURCE 132

NW New Replacement Part or Assembly Defective

NZ Combined NCCMA/Bank Service Code

O9 Old Vendor's (Seller's) Item Number
Code used to identify the old identifier used in the life cycle of an item

OE Original Equipment Number

OF Old Common Language Equipment Identifier (CLEI) Code
Old Common Language Equipment Identifier (CLEI) codes are distinctive codes that provide a standard method of identifying telecommunications equipment or products in a uniform feature-oriented language
SEE CODE SOURCE 138

OG Old Microcode
Microcode: 1) One or more microinstructions, 2) A code, representing the instructions of an instruction set, that is implemented in a part of storage that is not program-addressable

OH Opposite-Hand Part Number

OI Optical Industry Product Code
SEE CODE SOURCE 168

OL Optical Cable Code

OM Original Part Number
A number assigned to all instances of a class of items that have the same form, fit, function,

and interface at the time of their creation by the enterprise responsible for the manufacture, production, or creation of the items

ON Customer Order Number

OO Outside Production Operation Sheet Number
The specific engineering level or release to be used for the manufacture of the material being procured

OP Obsolete Part Number
A number assigned to all instances of a class of items that have the same form, fit, function, and interface at the time of their creation by the enterprise responsible for the manufacture, production, or creation of the items

OR Offer Number

OT Internal Number

OU Original Unit of Issue
SEE CODE SOURCE 350

P1 Petroleum Accountants Society of Canada Operating and Maintenance Code - Goods and Services Tax Not Applicable
SEE CODE SOURCE 86

P2 Petroleum Accountants Society of Canada Capital Expenditure Code - Goods and Services Tax Not Applicable
SEE CODE SOURCE 86

P3 Petroleum Accountants Society of Canada Tubular Code
SEE CODE SOURCE 86

P4 Petroleum Accountants Society of Canada Non-Tubular Code
SEE CODE SOURCE 86

P5 Material Discharge Number
Number identifying the point where material is discharged

P6 Pump, Fire

P7 Previous Carrier

P8 Retail Price Look Up Number (PLU)

P9 Ply
The number of single yarns twisted together to form a plied yarn

PA Pattern Number

PB Petroleum Accountants Society of Canada Operating and Maintenance Code - Goods and Services Tax Forwarded
SEE CODE SOURCE 86

PC Prime Contractor Part Number

PD Part Number Description

PE Pieces in Roll

PF Petroleum Accountants Society of Canada Capital Expenditure Code - Goods and Services Tax Forwarded
SEE CODE SOURCE 86

PG Packaging Specification Number

PH Property and Casualty Service Code
SEE CODE SOURCE 223

PI Purchaser's Item Code

PJ Product Date Code (A code indicating the period during which a product was manufactured.)

PK Packaging Drawing

PL Purchaser's Order Line Number

PM Number of Positions on Machine

PN Company Part Number

PO Purchase Order Number

PP Air Transportation Association Proprietary Rights Code
Primary procurement source for the subject part number and the relationship of proprietary rights to the originator of the data
SEE CODE SOURCE 219

PQ Product ID Attribute Code

PR Process Number

PS Position

PT Print or Drawing

PU Part Reference Number
Often on a part or subassembly drawing there is a reference number shown that is not a part number but may refer to a set of notes for use in fabrication, assembly, or in repairing the item; it may refer to a physical location within the product, such as location of a particular part on a truckengine, or to a reference to a circuit location on an electronic assembly

PV Advertising Package Identification Code

PW Part Drawing

PX Secondary Ply
The number of plied yarns twisted together to form a thickstrand yarn, also known as cabling

PY Operator Assigned Property Identification
Number assigned by the operator to the physical property where the drilling is conducted; the number is used to identify the product or service for which the joint partner is being billed

PZ Product Change Notice Number

R1 Replacement Subassembly Model Number

R2 Replacement Subassembly Serial Number

R3 Rear Axle, Middle

R4 Rear Axle, Pusher

R5 Rear Axle, Tag

R6 Rear Axle, Extended Tag

R9 Replacement Vendor's (Seller's) Item Number
Code used to identify the replacement identifier in the life cycle of an item

RA Return Code

RB National Uniform Billing Committee (NUBC) UB82 Codes
SEE CODE SOURCE 132

RC Returnable Container Number

RD Reel Number

RE Reefer Serial Number

RF Repair From Product Code
Identifies a broken product that is to be used in a repair process to create a new product with different attributes

RG Reference Oil

RH Radiator Serial Number

RI Rear Axle Front Rear Driven Serial Number

RJ Rear Axle Rear Driven Serial Number

RK Rack Number
RL Rate Detail Card
RM Related Model Number
RN Release Number
RO Roll Number
RP Replaced Part Number
RQ Automobile Rental Charge Item Code
SEE CODE SOURCE 714
RR Replacement Product Number
RS Set Number
RT Reel Type
RU Run Number
RV Repair Tag Number
RW Relative Value Units
SEE CODE SOURCE 143
RX Provisioning Reference Number
RY Record Keeping or Model Year
RZ Related Model Type
S1 Shipper's Item Number
S2 Second Prior Identifier
S3 Phase
S4 Laboratory Sample Identification
S5 State Sample Identification
S6 Previous Sample Identification
S7 Source of Deposit Code
SEE CODE SOURCE 494
S8 Source of Lead Code
SEE CODE SOURCE 492
SA Schematic Diagram Reference Number
SB Submission Number
A sequential number indicating the number of times a lot has been submitted for a certain test event
SC Seller's Date Code
SD Supplier Company Registry Number
SE Section Print Number
SF Surface Finish
SG Seat Serial Number
SH Service Requested
A numeric or alphanumeric code from a list of services available to the customer
SEE CODE SOURCE 46
SI Standard Industrial Classification Code
SEE CODE SOURCE 113
SJ Religious Retail Non-book Item
SEE CODE SOURCE 42
SK Stock Keeping Unit (SKU)
SL Seller's Lot Number

SM National Retail Federation Size Code
SEE CODE SOURCE 88

SN Serial Number

SO System Identifier

SP Superseded Purchase Order Number
When moving material from one customer to another, the material is being taken off of the Superseded P.O. and put on a new purchase order number; this will allow tracking of the material to the original P.O. Number when the superseded purchase order number is used to specifically identify the item

SQ Roll Sequence Number

SR Substitute Product Number

SS Superseded Part Number

ST Style Number

SU Side Up/Side Down

SV Service Rendered
SEE CODE SOURCE 46

SW Stock Number

SX Sleeper Box Key Number

SY Sleeper Box Serial Number

SZ Vendor Alphanumeric Size Code

T2 Tex
A system of numbering yarns of all types of fibers; extensively used outside the U.S. for classification of exports

T3 Third Prior Identifier

T5 Substitute GTIN-8

T6 Substitute GTIN-12

T7 Substitute GTIN-13

T8 Substitute GTIN-14

TA Pipeline Transaction Code
SEE CODE SOURCE 126

TB Association for Financial Professionals Service Code and Bank Service Code
Six-digit Association for Financial Professionals (AFP) Service Code and a proprietary code assigned by the vendor
SEE CODE SOURCE 328

TC Telecommunications Circuit ID

TD Treatment Codes
SEE CODE SOURCE 359

TE Association for Financial Professionals Service Code
Six-digit Association for Financial Professionals (AFP) Service Code
SEE CODE SOURCE 328

TF The Air Cargo Tariff (TACT) Commodity Code
SEE CODE SOURCE 506

TG Automatic Transmission Serial Number

TH Transfer Case Serial Number

TI Trade In Identifier

TJ Auxiliary Transmission Serial Number

TK Transmission, Auxillary

TM Telephone Industry Manufacturer Code

TN Railroad-Owned Unit Train Number
Railroad Train Number composed of cars containing the same commodity with the same origin and destination

TP Product Type Code

TR Truck Body Serial Number

TS Transmission Serial Number

TT Type Selvage

TU Tested Material Identification Number

TV Line of Business
SEE CODE SOURCE 244

TW Program Code

TX Federal Aviation Administration (FAA) Service Bulletin Number
The Federal Aviation Administration (FAA) Service Bulletin number which authorizes replacement of a subject part by the replacing part number

TY Telecommunications Industry Service Code
SEE CODE SOURCE 46

TZ Program Description Identifier

U3 United Nations Common Coding System (UNCCS)
SEE CODE SOURCE 552

U5 Broker Price Opinion Service

U6 Real Estate Property Information Service

U7 Department of Defense Unique Item Identifier
An identifier used to uniquely identify an individual item

UC Product Variant
SEE CODE SOURCE 41

UF User-Defined Shipping Container Identifier

UJ U.P.C./EAN Coupon Code (2-5-5)
SEE CODE SOURCE 41

UK GTIN-14
A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and CheckDigit used to identify trade items
SEE CODE SOURCE 41

UL U.P.C. Coupon Code (1-5-5-1)
SEE CODE SOURCE 41

UM Universal Vendor Marking, Short Code (UVM; U Line)

UO EAN.UCC Serial Shipping Container Code (SSCC)
A 20 digit number comprising Application Identifier (AI) '00' and SSCC
SEE CODE SOURCE 98

UP GTIN-12
A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and CheckDigit used to identify trade items
SEE CODE SOURCE 41

UQ United Nations (UN) Number (Dangerous Goods)

UR UCC/EAN-128 Coupon Extended Code
SEE CODE SOURCE 41

US Uniform Stock Symbol System Code Number

UT Company-Owned Unit Train Number
Company Train Number composed of cars containing the same commodity with the same

origin and destination

UU Device Identifier
SEE CODE SOURCE 982

UV Universal Vendor Marking, Long Code (UVM; R,P,M Lines)

UX Universal Product Number
A unique identifier of a healthcare product

UY Department of Defense Unique Item Identifier Type Reference Identifier
A designator that indicates the type of unique item identifier to uniquely identify an item

UZ GS1 US Coupon Code with GS1-128 Coupon Extended Code
SEE CODE SOURCE 41

V1 Ingredient Country of Origin Code

V2 Tariff Country of Origin Code

V3 Country of Last Processing Code

V4 Country of Assembly Code

V5 Logistics Country of Origin Code

V6 United States Department of Agriculture (USDA) Country of Origin Code
Country of origin per United States Department of Agriculture regulations

V7 Consumer Product Variant Identifier
The identification for a particular Consumer Product Variant. An alphanumeric attribute of a GS1 Global Trade Item Number assigned to a retail consumer trade item variant for its lifetime. May be up to 20 alphanumeric characters. Used in conjunction with the product's Global Trade Item Number.
SEE CODE SOURCE 41

VA Vendor's Style Number

VB Vendor's Engineering Change Level Number

VC Vendor's (Seller's) Catalog Number

VE Vendor Color

VH Veterinary Notification Number
Notification number for veterinary health product that has been approved for sale in Canada.

VI Vary Item Product Number

VM Vehicle Maintenance Reporting Standards
SEE CODE SOURCE 95

VN Vendor's (Seller's) Item Number

VO Vendor's Order Number

VP Vendor's (Seller's) Part Number

VS Vendor's Supplemental Item Number

VT Vintage
The harvest year of the grapes that are part of the composition of a particular wine

VU Vendor's Basic Unit Number

VV Motor Vehicle ID Number

VX Vendor's Specification Number

W1 End Item Serial Number
The serial number assigned to the entire end-item assembly

W2 Work Unit Number
Number assigned for type of workor service identification associated with the product

W5 Reclamation Process
Material must be reclaimed from a higher level system prior to release to Defense

Reutilization and Marketing

W6 Woolen Run
U.S. system for numbering wool yarn using run process

W7 Woolen Cut
U.S. system for numbering wool yarn using cut process

WA Random Weight Aggregation Code

WB Car Class Code

WC World Code
SEE CODE SOURCE 440

WD Airline Flight Code

WE Fare Basis Code

WF Service Class Code

WG Stop Over Code

WJ Telecom Service Type
SEE CODE SOURCE 46

WK Advanced Billing Concepts (ABC) Codes
SEE CODE SOURCE 843

WL Wafer Lot Identifier
A serialization number identifying the manufacturer of integrated circuit wafers

WR Yarn Count Worsted
System for numbering spun yarn of long staple fibers

WS Wheel Chair Lift Serial Number

WT DoD Reportable Commodity Type
Identifies a DoD specific commodity type within an accountable property system for equipment or materiel to be issued to a unit or individual.

WU DoD Security Commodity Type
Used to limit access to certain types of commodity within an accountable property system for equipment or materiel to be issued to a unit or individual

WV DoD Asset Sub-Category
Used to identify an asset subcategory in an accountable property system based on depreciation rules

WW Line Item Number/Table of Authorized Material Control Number
Combining the two items - line item number and table of authorized material control number -creates a unique tracking number used by the DoD

XA Preferred Part Number

XC Expendable Container Identification

XN Export Control Classification Number (ECCN)
SEE CODE SOURCE 957

XP Preferred National Stock Number

XQ Preferred Manufacturer

XZ Contractor Establishment Code

Y1 Child GTIN-13
A Child GTIN (Global Trade Item Number) is a reference to the GTIN-13 of the next lower level of trade item that is contained in the item hierarchy.

Y3 Child GTIN-14
A Child GTIN (Global Trade Item Number) is a reference to the GTIN-14 of the next lower level of trade item that is contained in the item hierarchy.

Y4 Child GTIN-12
A Child GTIN (Global Trade Item Number) is a reference to the GTIN-12 of the next lower level of trade item that is contained in the item hierarchy.

YM Map Edition Number
A code identifying the edition number for the map being identified
SEE CODE SOURCE 350

YP Publication Number

ZB Commercial and Government Entity (CAGE) Code
A code that identifies a commercial contractor authorized to do business with the U.S. government

ZR Service Control Identification

ZZ Mutually Defined

236 - Price Identifier Code

Code identifying pricing specification

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

AP1 BLI CDD CTP DVI G40 G46 G91 G93 PO3 SER

TRANSACTION SETS USED IN

100 111 124 154 180 187 206 256 267 268 271 272 273 284 285 286 304 536 810 812 821 822 830 832 836 837 840 843 845 846 847 850 851 852 855 857 860 865 867 870 878 879 886 888 889 897

CODE	DEFINITION & EXPLANATION
AAF	Allowed Amount - Flat *Fixed amount allowed regardless of units of service*
ACT	Actual *The final negotiated contract price*
AGC	Average Generic Product Price *A national average unit price of all generic substitutes for a name brand pharmaceutical*
ALT	Alternate Price
AWP	Average Wholesale Price
BBP	Balance-Based Price
BCH	Base Charge
BID	Bid Price
C01	Contract Tier 1
C02	Contract Tier 2
C03	Contract Tier 3
C04	Contract Tier 4
C05	Contract Tier 5
C06	Contract Tier 6
C07	Contract Tier 7
C08	Contract Tier 8
C09	Contract Tier 9
C10	Contract Tier 10
C11	Contract Tier 11
C12	Contract Tier 12
C13	Contract Tier 13
C14	Contract Tier 14
C15	Contract Tier 15
C16	Contract Tier 16
C17	Contract Tier 17
C18	Contract Tier 18
C19	Contract Tier 19
C20	Contract Tier 20
C21	Contract Tier 21
C22	Contract Tier 22

C23 Contract Tier 23
C24 Contract Tier 24
C25 Contract Tier 25
C26 Contract Tier 26
C27 Contract Tier 27
C28 Contract Tier 28
C29 Contract Tier 29
C30 Contract Tier 30
CAN Cancellation Charge
CAT Catalog Price
CDF Central Distribution Facility (Warehouse)
CDV Current Domestic Value
CHG Changed Price
CON Contract Price
CUP Confirmed Unit Price
CUS Declared Customs Unit Value
D01 Federal Supply Schedule (FSS) Price
D02 Depot Price
D03 Distribution and Pricing Agreement (DAPA) Price
DAA Distributor Cost
This is a Distributor Cost. This cost is intended to be a base cost used when a distributor calculates its cost before discount. If multiple price codes are required for the same Class of Trade then this code should be assigned to the highest cost.
DAB Distributor Cost Price Break 1
This is an additional Distributor Cost passed to the distributor. It is often used to communicate levels of costs. If multiple price codes are required for the same Class of Trade then this code should be assigned to the next lowest cost.
DAC Distributor Cost Price Break 2
This is an additional Distributor Cost passed to the distributor. It is often used to communicate levels of costs. If multiple price codes are required for the same Class of Trade then this code should be assigned to the next lowest cost.
DAD Distributor Cost Price Break 3
This is an additional Distributor Cost passed to the distributor. It is often used to communicate levels of costs. If multiple price codes are required for the same Class of Trade then this code should be assigned to the next lowest cost.
DAE Distributor Cost Price Break 4
This is an additional Distributor Cost passed to the distributor. It is often used to communicate levels of costs. If multiple price codes are required for the same Class of Trade then this code should be assigned to the next lowest cost.
DAF Distributor Cost Price Break 5
This is an additional Distributor Cost passed to the distributor. It is often used to communicate levels of costs. If multiple price codes are required for the same Class of Trade then this code should be assigned to the next lowest cost.
DAP Dealer Adjusted Price
DEP Deposit Amount
DIS Distributor's Price
DPR Discount Price

DSC Discount Amount Allowed
DSD Direct Store Delivery
DSP Direct Ship Program Price
EDM Emergency Direct Ship Price (Original Equipment Manufacturer)
EDP Emergency Direct Ship Price
EDS Emergency Direct Ship Price (Supplier)
EDW Emergency Direct Ship Price (Warehouse)
ELC Estimated Landed Cost
EST Estimated Price
EUP Expected Unit Price
FCH Flat Charge
FCP First Cost Price
FDS Frequent Delivery Service
FET Federal Excise Tax
FGP Free Goods Price
FOR Formula Price
FSP Free Service Price
FUL Federal Upper Limit Price (Maximum Allowable Cost Pricing for Drugs)
The maximum allowable unit price for Medicaid reimbursement for a pharmaceutical product
FUP Firm Price - Do Not Advise
GAP Advertising Price
GDP Display Price
GOV Government Price
GSP Shelf Price
GTP Temporary Price Reduction Price
ICL Unit Price Through Quantity
IND Industrial Price
INS Institutional Price
INV Invoice Billing Price
LAR Labor Rate
LCP Last Cost Price
LPP Lease to Purchase Price
LPR List Price
MAA Minimum Advertised Price
MAC Moving Average Cost
MAP Mandatory to Advise Unit Price
MAS Minimum Activity Surcharge
MAX Maximum Order Quantity Price
MIN Minimum Order Quantity Price
MIP Minimum Internet Advertised Price
MNC Minimum Charge
MNR Minimum Release Quantity Price
MOD Modal Premium

MPR Maximum Price Reduction
MSR Manufacturer's Suggested Retail
MXR Maximum Release Quantity Price
N01 Noncontract Tier 1
N02 Noncontract Tier 2
N03 Noncontract Tier 3
N04 Noncontract Tier 4
N05 Noncontract Tier 5
N06 Noncontract Tier 6
N07 Noncontract Tier 7
N08 Noncontract Tier 8
N09 Noncontract Tier 9
N10 Noncontract Tier 10
N11 Noncontract Tier 11
N12 Noncontract Tier 12
N13 Noncontract Tier 13
N14 Noncontract Tier 14
N15 Noncontract Tier 15
N16 Noncontract Tier 16
N17 Noncontract Tier 17
N18 Noncontract Tier 18
N19 Noncontract Tier 19
N20 Noncontract Tier 20
N21 Noncontract Tier 21
N22 Noncontract Tier 22
N23 Noncontract Tier 23
N24 Noncontract Tier 24
N25 Noncontract Tier 25
N26 Noncontract Tier 26
N27 Noncontract Tier 27
N28 Noncontract Tier 28
N29 Noncontract Tier 29
N30 Noncontract Tier 30
N31 No Charge
NET Net Item Price
OAP Optional to Advise Unit Price
OPP Original Purchase Order Price
PAA Price Group Code 1
Designation created by the seller to group items for the purpose of pricing and/or product categorization.
PAB Price Group Code 2
Designation created by the seller to group items for the purpose of pricing and/or product categorization.

PAC Price Group Code 3
Designation created by the seller to group items for the purpose of pricing and/or product categorization.

PAD Business Report Group Code 1
Designation created by the seller to group items for the purpose of reporting sales commissions, incentives, etc.

PAE Business Report Group Code 2
Designation created by the seller to group items for the purpose of reporting sales commissions, incentives, etc.

PAF Business Report Group Code 3
Designation created by the seller to group items for the purpose of reporting sales commissions, incentives, etc.

PAG Seller Class Code
Designation created by the seller to group items for the purpose of pricing and/or product categorization.

PAH Seller Sub-Class Code
Secondary designation created by the seller to group items for the purpose of pricing and/or product categorization.

PAP Protection Level Price

PAQ Price Break Quantity(s)

PBQ Unit Price Beginning Quantity

PBR Price Break Purchase Order Count
The number of individual purchase orders for a common part number within a group of orders which are to be combined for an applicable quantity price break

PHS Public Health Service Price

PIE Price in Effect at Time of Shipment

PLT Producing Plant Price

PPA Packing Level Price

PPD Prepaid Freight Charges

PRF Professional Price

PRO Producer's Price

PRP Promotional price

PUR Purchase

QTE Quote Price

RAA Suggested Resale Price
This is a Suggested List price passed to the distributor. The distributor often uses this price to calculate their resale price. If multiple price codes are required for the same Class of Trade then this code should be the highest price.

RAB Suggested Resale Price Break 1
This is an additional Suggested Price passed to the distributor for the same Class of Trade. If multiple price codes are required for the same Class of Trade then this code should be the next lowest price.

RAC Suggested Resale Price Break 2
This is an additional Suggested Price passed to the distributor for the same Class of Trade. If multiple price codes are required for the same Class of Trade then this code should be the next lowest price.

RAD Suggested Resale Price Break 3
This is an additional Suggested Price passed to the distributor for the same Class of Trade.

If multiple price codes are required for the same Class of Trade then this code should be the next lowest price.

RAE Suggested Resale Price Break 4
This is an additional Suggested Price passed to the distributor for the same Class of Trade. If multiple price codes are required for the same Class of Trade then this code should be the next lowest price.

RAF Suggested Resale Price Break 5
This is an additional Suggested Price passed to the distributor for the same Class of Trade. If multiple price codes are required for the same Class of Trade then this code should be the next lowest price.

REG Regular Charge

RES Resale

RPA Rental Price, Annual

RPM Rental Price, Monthly

RPP Replacement Price

RSH Rush Charge

RTL Retail

SAC Service Attempted Charge

SDP Suggested Dealer Net Price

SFP Suggested Fleet Price

SHD Ship and Debit

SLP Suggested List Price

SPC Special Price

SPE Single Price (Factors Equalized)

SSP Secondary Supply Plant

STA Standard Price
Indicates a standard unit price, including all surcharges

SUM Sum of Line Items

SWP Suggested Wholesale Price

THP Threshold Price

TOT Total Invoice Amount Due

TRF Transfer

UAA Unit Allowed Amount
Amount allowed per unit of service

UCP Unit cost price

ULC Unsalable Item List Cost

WAR Public Warehouse Price

WHL Wholesale

WSP Waived Service Price

ZNP Zone Price

237 - Item List Cost

Gross unit cost within the appropriate price bracket for a line item TYPE=**R** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

G17 G68 G83 G89

TRANSACTION SETS USED IN

875 876 880 894 895

238 - Emergency Response Plan Number

The identity number of a specific hazardous emergency response plan that is assigned by the Director General of Canada

TYPE=**AN** MIN=**1** MAX=**12**

Code Sources

84

SEGMENTS USED IN (AS SIMPLE)

LH4

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 435 832 856 858 897 940

240 - Car Service Order Code

Code specifying car service order TYPE=**ID** MIN=**3** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)
H5 W2

TRANSACTION SETS USED IN
228 322 417 418 421 456

CODE	DEFINITION & EXPLANATION
145	Empty car under directive CSD145
150	Unassigned special equipped car that is to be handled in accordance with the provisions of directive CSD150
155	Empty car under CSD155
435	Empty car under directive CSD435
439	Special heavy duty flat car that is to be handled under the provisions of directive CSD439
145A	Loaded car under directive CSD145 that is to return to agent at city specified
145S	Loaded car under directive CSD145 that is to return to shipper at billed origin
145X	Assigned TTX car that is to be returned to shipper at billed origin by reverse of loaded move
150X	Unassigned TTX car that is to be handled in accordance with trailer train directive 150
155A	Loaded car under directive CSD155 that is to return to agent at city specified
155S	Loaded car under directive CSD155 that is to return to shipper at billed origin
435A	Loaded car under directive CSD435 that is to return to agent at city specified
435S	Loaded car under directive CSD435 that is to return to shipper at billed origin
CSR5	Empty Car Moving Under Car Service Rule 5 Charges
34617	Car being returned per car owner's instructions
34618	Car being returned per the pool operator's instructions
34619	Car being returned per AAR/ICC instructions
CMD1A	Loaded TTX cars under directive CMD1 that are to be returned to the origin road at the city specified
CMD1S	Loaded TTX cars under directive CMD1 that are to be returned to shipper at billed origin

241 - Protective Service Code

Code specifying perishable protective service- rail carriers only TYPE=**ID** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

H3 PS

TRANSACTION SETS USED IN

104 161 163 210 250 300 301 304 310 312 322 324 325 404 410 417 418 421 426 456 470 858 859

CODE	DEFINITION & EXPLANATION
B	Body Ice
D	Discontinue Service
M	Standard Mechanical Protective Service
BC	Body Ice Consumed or Removed
MN	Modified Mechanical Protective Service
HDN	Do Not Heat
HSC	Standard Heating In Canada
MNU	Do Not Operate
HDNC	Do Not Heat in Canada

242 - Vent Instruction Code

Code specifying vent instructions TYPE=ID MIN=1 MAX=7

SEGMENTS USED IN (AS SIMPLE)

H3 LP

TRANSACTION SETS USED IN

104 161 163 210 250 300 301 304 310 312 322 324 325 404 417 421 426 456 470 858 859

CODE	DEFINITION & EXPLANATION
VC	Vents Closed to Destination
VO	Vents Open to Destination
VS	Standard Ventilation at 32 Degrees
V40	Standard Ventilation at "--" Degrees (Other than 32 Degrees)
VOI	Vents on Irons
VD40	Diagonal Ventilation at "--" Degrees (Other than 32 Degrees) - Open Vent Each End of Car
VDOI	Diagonal Vents on Irons
VS10	Standard Ventilation - Substitute Carrier's Protective Service at First Terminal Train Yard where Heaters Are Available and Outside Temperature is 10 Degrees Above Zero or Lower (PPT #619 Rules 385 and 515)

243 - Transaction Reference Date

Date of referenced transaction set expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

TYPE=**DT** MIN=**8** MAX=**8**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

ZC1 ZD

TRANSACTION SETS USED IN

322 404 417 858 998

244 - Transaction Reference Number

Sender's assigned number for referenced transaction set TYPE=**AN** MIN=**1** MAX=**50**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

ZC1 ZD

TRANSACTION SETS USED IN

322 404 417 858 998

246 - Certification/Clause Code

Code identifying certification/clause information TYPE=**ID** MIN=**2** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)
C8 SUP

TRANSACTION SETS USED IN
112 124 187 304 310

CODE	DEFINITION & EXPLANATION
01	Shipper's Load and Count
02	Shipper's Load, Stowage and Count
03	Laden on Board
04	Laden on Board Vessel
05	Vessel Not Responsible for Freezing
06	Container(s) Sealed by Shipper
07	On Deck at Shipper's Risk
08	Short-Shipped
09	Sea Waybill
10	This Shipment is Effected under a Sea Waybill
11	Memo Bill of Lading Only
12	Refrigerated Cargo
13	Cool Cargo
14	Freeze Cargo
15	Inland Transportation Arranged as Agents Only with such Arranged Transportation Being Solely for Account and Risk of Cargo
16	Sea-Air Cargo
17	Freight Prepaid
18	Freight Collect
19	Freight as Agreed
20	No Shipper's Export Declaration Required (Section 30.39)
21	Carrier Reserves the Right to Place Container(s) in Heated Warehouse at a Set Cost
22	On Board Rail
23	On Board Truck
24	On Board Vessel
25	Received For Shipment
26	On Board Container
27	On Board Airplane
28	On Board Boxcar
29	Emergency Response Statement *Specifies the action to be taken in the event of an emergency such as spill, leak, fire, exposure, etc.*
30	International Maritime Organization Certification

31 Statement of Correctness
Provides assurance that information provided on documents is correct; the document originated where the cargo was exported, the value is consistent with that reported elsewhere, etc.

32 Destination Control Statements
Specifies the countries to which disposition is prohibited

33 Producing Country of Origin
Specifies the country in which the commodity was manufactured

34 Laden on Board Named Vessel
Clause is required on letter-of-credit shipments; certain banks will not release payment if this clause does not appear on the paperwork

35 Age of Vessel
Statement certifying that the commodity is being shipped on a vessel less than a specified age

36 Kosher
Statement certifying that the commodity has been inspected and approved for consumption by persons on a Kosher diet

37 Route
Statement certifying that the commodity was shipped over a particular route

38 Certification Statements

39 Destination Country
Final destination of the shipment

40 Title Passage Clause

41 Container Safety Act

42 Substantial Transformation

43 Canada Value Added

44 Mexican Value Added

45 General Agreement on Tariff and Trade (GATT)

46 Prior Damage Remarks

AM Administrative

CB Caribbean Basin Initiative (CBI)

CC Custom

CP Container Packing Certificate

DC Disclaimer

DV Delivery Order Liability Clause
We shall not be liable for any loss exceeding $50.00 per shipment; any greater liability will not be assumed unless written notice is given prior to delivery and is acknowledged by us in writing

EE Estimate Error

ER Estimate Remarks

GS General System of Preferences (GSP)

HD Heading

HN Hidden

IS Israeli Free Trade Agreement

NF North American Free Trade Agreement (NAFTA)

247 - Certification/Clause Text

Free-form description of commercial invoice certification/clause TYPE=**AN** MIN=**2** MAX=**60**

SEGMENTS USED IN (AS SIMPLE)

C8 C8C

TRANSACTION SETS USED IN

304 310

248 - Allowance or Charge Indicator Code

Code indicating an allowance or charge for the service specified TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

CHB FA1 ITA SAC SSS

TRANSACTION SETS USED IN

124 140 142 143 153 180 187 219 220 304 511 517 527 561 568 810 811 812 814 819 820 821 823 830 832 840 842 843 844 845 846 847 849 850 851 852 855 856 857 858 859 860 861 865 867 869 870 879 890 897 940 945 947

CODE	DEFINITION & EXPLANATION
A	Allowance
C	Charge
N	No Allowance or Charge
P	Promotion
Q	Charge Request
R	Allowance Request
S	Service

249 - Vessel Requirement Code

Code specifying options for satisfying vessel requirements TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

V1

TRANSACTION SETS USED IN

121 126 272 300 301 304 310 311 312 322 323 324 325 326 353 362 715 810 856

CODE	DEFINITION & EXPLANATION
F	Specified Flag Required
M	Must Comply
O	Forwarder Option
R	Roll Booking to Another Vessel
S	Substitution OK

250 - Letter of Credit Number

Identifying reference number for a letter of credit TYPE=**AN** MIN=**2** MAX=**40**

SEGMENTS USED IN (AS SIMPLE)

M0

TRANSACTION SETS USED IN

304 310

253 - Automobile Ramp Facility Code

Code identifying the type of automobile ramp facility TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
SMO

TRANSACTION SETS USED IN
431

CODE	DEFINITION & EXPLANATION
A	All Types of Facilities
B	Combined Fixed and Portable Ramps
F	Fixed Ramp
N	No Facility Available
P	Portable Ramp
T	Reversing Ramp *A semipermanent ramp structure that moves sideways*

254 - Packing Group Code

Code indicating degree of danger in terms of Roman number I, II or III TYPE=**ID** MIN=**1** MAX=**3**

Code Sources

84

SEGMENTS USED IN (AS SIMPLE)

H1 LFG LH1 LH4

TRANSACTION SETS USED IN

104 204 210 211 219 222 284 285 286 300 301 304 309 310 312 317 322 324 325 355 404 417 418 421 423 435 832 856 858 859 888 897 940

256 - Manifest Type Code

Code identifying the type of manifest transmitted TYPE=ID MIN=1 MAX=1

Code Sources

929 931

SEGMENTS USED IN (AS SIMPLE)

M10

TRANSACTION SETS USED IN

309 350 352 353 354 355 356 357 358

257 - Tariff Application Code

Code indicating to which traffic a tariff applies TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

DM G63 H3 IMA L1 SW SWD

TRANSACTION SETS USED IN

104 110 159 161 163 210 223 250 263 300 301 304 310 312 322 324 325 404 410 417 418 421 424 426 456 470 485 492 858 859

CODE	DEFINITION & EXPLANATION
A	Intrastate - Intraplant
B	Interstate - Intraplant
C	Commingled
D	Reciprocal
E	Intraterminal
F	Interterminal
I	International
N	Interstate
R	Regional
S	Intrastate

258 - Quantity Cost

Cost per unit as expressed in the associated data element 355 (Unit of Measure) whenever unit is different than the quantity ordered

TYPE=**N4** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

G68

TRANSACTION SETS USED IN

875 876

259 - Change Type Code

Code indicating change type

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

CD DRT G91 GY MSS PR PT RD

TRANSACTION SETS USED IN

106 107 217 404 410 417 426 432 433 453 460 490 494 848 858 879

CODE	DEFINITION & EXPLANATION
A	Add Rate
B	Original Price Change Transaction
C	Cancel Previous Price Change Transaction
D	Decrease Rate
E	Eliminate/Expire
F	Confirmation Of A Discussion Between Buyer And Sales Representative
G	Add Items To A Previous Change Transaction
H	Delete Items From A Previous Change Transaction
I	Increase Rate
J	Replace All Dates Shown In A Previous Change
K	Replace Prices Shown In A Previous Change Transaction
L	Replace Restrictions (Conditions) At An Item Level Shown In A Previous Change
M	Replace Marketing Area Shown In A Previous Announcement
N	Change Having No Effect on Rates
O	Replace Restrictions (Conditions) At A Transaction Level Shown In A Previous Change
P	Replace Price Area Shown In A Previous Change
Q	Replace Previous Change Transaction Entirely Because of Multiple Kinds Of Changes Or To Make Changes Not Specifically Indicated By Another Code In This Data Element
R	Replace Allowance Rates Shown In A Previous Announcement
T	Modified
W	New
X	No Modification

260 - Group Title

The descriptive title of a data group

TYPE=**AN** MIN=**2** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

CD DK GY PR PRI PT

TRANSACTION SETS USED IN

106 107 217 404 410 414 417 426 433 453 460 463 466 468 485 490 492 494 858

261 - Source of Disclosure Code

Code identifying the source of the disclosure information TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
ITC TLN

TRANSACTION SETS USED IN
155 200

CODE	DEFINITION & EXPLANATION
1	Received from Bureau
2	Received on Loan Application
3	Discovered in Interview
4	Accountant
5	Government Registry *Agency of government providing information*
6	Management of Business
7	Official Publication *Publication printed by governmental agency*
8	Outside Quarters
9	Reporting Agency Analyst
A	Spokesperson
B	Company's Annual Report
C	Financial Publication
D	Interim Report
E	Local Chamber of Commerce
F	Local Commercial Registry
G	Local Publication
H	Stock Exchange Report

262 - Geography Qualifier Code

Code indicating geographic usage for tariff application TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
DM GY

TRANSACTION SETS USED IN
106 107 217 460 490 492 494

CODE	DEFINITION & EXPLANATION
A	And
B	Between
D	Destination
F	From
I	Intermediate Location
L	Geographic Listing
O	Origin
P	Prior Origin
T	To
U	Ultimate Destination

263 - Rating Code

Code identifying the status of the credit account rating TYPE=**ID** MIN=**2** MAX=**2**

Code Sources
97

SEGMENTS USED IN (AS SIMPLE)
PPD PYM TLN

TRANSACTION SETS USED IN
155 200 202

CODE	DEFINITION & EXPLANATION
00	Not Used, Too New to Rate, or Unclassified
01	Current or Account Paid According to Terms
02	30-59 Days Past Due
03	60-89 Days Past Due
04	90-119 Days Past Due
05	120 Days or More Past Due
07	Making Payments Under Wage Earner Plan
08	Repossession
09	Bad Debt Placed for Collection
10	Currently Active *Current activity but no details*
11	Currently Owing
12	Currently Past Due
13	Paid Anticipate *Prepays invoice to take advantage of pre-offered discount for early payment(s)*
14	Paid Discount *Paid in time to take advantage of offered discounts*
15	Paid in Cash
16	Paid Prompt
17	Paid Slow
18	Placed for Collection Paid
19	Placed for Collection Partially Paid
20	Unfavorable Comments
21	Inconclusive - Refer to Other Information in Report

267 - Net Explosive Quantity

Net weight of the explosive quantity of the hazardous commodity TYPE=**N0** MIN=**1** MAX=**10**

Code Sources

84

SEGMENTS USED IN (AS SIMPLE)

LH2 LH4

TRANSACTION SETS USED IN

204 211 219 222 284 300 301 304 310 312 322 404 417 418 421 423 435 832 856 858 897 940

271 - Subsidiary Risk Indicator Code

Code identifying the type of subsidiary risk TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
LH4

TRANSACTION SETS USED IN
204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 435 832 856 858 897 940

CODE	DEFINITION & EXPLANATION
E	Potentially Explosive
I	Potentially Very Damaging To The Eyes

272 - Hazardous Certification Code

Code indicating the form of the hazardous certification TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
LH6

TRANSACTION SETS USED IN
204 211 219 222 304 404 423 858 940

CODE	DEFINITION & EXPLANATION
1	Abbreviated Hazardous Certification as required by CFR49
2	Long Form of Hazardous Certification as required by CFR49
3	Hazardous Certification as required by International Civil Aviation Organization (ICAO) Technical Instructions
4	Hazardous Certification as required by International Maritime Dangerous Goods (IMDG) Code
5	Hazardous Certification as required by United Nations (UN) Recommendations
6	Hazardous Certification as required by Canadian Transportation of Dangerous Goods (TDG) Regulations

273 - Hazardous Certification Declaration

Hazardous material certification verbiage as required by Title 49 of Code of Federal Regulations

TYPE=**AN** MIN=**1** MAX=**25**

Code Sources

83

SEGMENTS USED IN (AS SIMPLE)

LH6

TRANSACTION SETS USED IN

204 211 219 222 304 404 423 858 940

274 - Hazardous Material Classification

Free-form description of hazardous material classification or division or label requirements

TYPE=**AN** MIN=**1** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

H2

TRANSACTION SETS USED IN

104 210 300 301 304 309 310 312 325 355 859

275 - Authorization Date

Date authentication is made expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

TYPE=**DT** MIN=**8** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

Y6

TRANSACTION SETS USED IN

135 300 301 303 304 310 311 312 858 859

276 - Special Charge Description

Identification of special charge; this data element is used whenever an applicable code cannot be found in data element 150

TYPE=**AN** MIN=**2** MAX=**25**

SEGMENTS USED IN (AS SIMPLE)

L1 L8 MC MCT

TRANSACTION SETS USED IN

104 106 107 110 210 220 223 300 301 304 310 312 325 404 410 417 426 485 858 859

277 - UN/NA Identification Code

Code identifying the hazardous material identification number as required by Title 49 of the code of Federal Regulations; UN/NA stands for United Nations/North America

TYPE=**ID** MIN=**6** MAX=**6**

Code Sources

83

SEGMENTS USED IN (AS SIMPLE)

LFG LH1

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 832 856 858 940

280 - Exchange Rate

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

TYPE=**R** MIN=**4** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

C3 CLP CUR F01 LEQ

TRANSACTION SETS USED IN

100 103 104 105 106 107 110 111 112 124 140 141 142 143 148 155 159 186 187 204 210 213 215 219 251 255 256 262 267 268 269 273 286 304 310 312 325 362 412 414 424 426 433 521 805 810 811 812 814 818 819 820 821 822 823 827 830 832 835 837 838 840 843 844 845 846 847 849 850 851 852 855 856 857 858 859 860 861 865 867 870 890 920 924

281 - Carrier Restriction Code

Carrier's internal code indicating carrier's restricted services TYPE=**AN** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)
RST

TRANSACTION SETS USED IN
217

282 - Terms Start Date

Date from which payment terms are calculated expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

TYPE=**DT** MIN=**8** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

G23

TRANSACTION SETS USED IN

875 876 880 882 888 889 894 895

283 - Terms Due Date Qualifier

Code identifying the method to be used for payment in conjunction with due date

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

G23

TRANSACTION SETS USED IN

875 876 880 882 888 889 894 895

CODE	DEFINITION & EXPLANATION
01	Mailed by Date (PostmarkDate)
02	Received by date
03	Electronics Funds Transfer Settlement Date
04	Funds Deposited by Date

284 - Service Level Code

Code indicating the level of transportation service or the billing service offered by the transportation carrier

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

B11 BAX BTS CAD CD3 M11 PI R3 SL1 SMD TD5

TRANSACTION SETS USED IN

104 110 160 161 180 210 213 215 240 286 309 317 355 404 410 414 417 418 422 426 433 453 456 460 466 468 486 490 494 754 810 811 830 832 838 840 843 850 852 853 855 856 857 858 859 860 861 862 865 870 880

CODE	DEFINITION & EXPLANATION
01	Bulk Commodity Train
02	Coal Train
03	Unit Train
04	Beet Train
05	Ethanol Train
06	Grain
07	Ore
08	Pipe
09	Premium Surface *Indicates that alternate routing instructions should be used instead of the regular ones given*
10	Waste
11	Wind
12	Rock
13	Military
14	Power
15	Empty Repo
16	Chemical
17	Intermodal Bare Table
3D	Three Day Service
3P	3rd Party Contractor
9A	9 A.M.
AC	Air Cargo
AE	Air Economy
AM	A.M.
BC	Business Class
C1	Consolidated Service
CB	Consignee Billing Service
CE	Courier Express
CG	Ground
CS	Co-Load Service
CX	Express Service

D1 Delivery Scheduled Next Day by Cartage Agent
D2 Delivery scheduled second day by cartage agent
D3 Delivery scheduled third day by cartage agent
DC Delivery Confirmation
DF Deferred Service
DR Delivery Confirmation Return
DS Door Service
DT Delivery Notification Only
EC Economy
ES Expedited Service
ET Proof of Delivery (POD) with Signature
FC First Class
FG Foreign
G2 Standard Service
GP Express Service Plus
GT Tracking - Ground
I2 International Second Day
IA IATA
IE Expedited Service - Worldwide
IS International Service
IX Express Service - Worldwide
KT Key Train
LE Lite Engine
LT Local/Turn
ME Metro
MW Multiweight
ND Next Day Air
Delivery during business day hours of next business day
NF Next Flight Out
NH Next Day Hundred Weight
NM Next Morning
NR Non-revenue
NS Not Served
ON Overnight
OT Other
P1 Priority Service
P2 Primary Service Area
PA Primary Service Area - Next Day by 10:30 A.M.
PB Priority Mail
Can consist of any mail matter (including regular First-Class mail) weighing eleven ounces or less and marked Priority Mail for which the mailer chooses to pay the minimum Priority Mail rate for unguaranteed two-day service among major cities and three-day service everywhere else; First-Class mail weighing more than eleven ounces automatically becomes Priority Mail and must be marked as such

PC Primary Service Area - Next Day By 9:30 AM

PI Priority Mail Insured
Fees in addition to the Priority Mail rate for single pieces of Third- or Fourth-Class Mail or Third- or Fourth Class matter mailed at the Priority Mail rate; sealed articles must be endorsed "Third-Class Mail Enclosed" or "Fourth-Class Mail Enclosed" in addition to the Priority Mail endorsement

PM PM

PN Primary Service Area - Next Day by Noon

PO P.O. Box/Zip Code

PP Proposed

PR Primary Service Area - Next Day by 5:00 P.M.

PS Primary Service Area - Second Day by Noon

PX Premium Service

PY Priority

R1 Passenger Service

R2 Quality Intermodal High Speed 70 Miles Per Hour (MPH)

R3 Other Intermodal and Stack Service

R4 60 Miles Per Hour (MPH) Service

R5 Manifest Freight

R6 Circus Train

R7 Work Train

R8 Commuter Service

R9 Vehicle (Automobile) Train

RD Roadswitcher

RS Authorized Return Service

SA Same Day

SC Second Day Air
Delivery during business day hours no later than second business day

SD Saturday

SE Second Day

SG Standard Ground

SH Second Day Hundred Weight

SI Standard Ground Hundred Weight

SM Second Morning

SP Saturday Pickup

ST Standard Class

T1 TRRA

U1 Ground Service - Freight

U2 Expedited Service - Freight

U3 Express Service - Freight

U4 Express Service Plus - Freight

U5 Next Day - Freight

U6 Second Day - Freight

XT Extra Train

YJ Yard Job
ZZ Mutually Defined

285 - Depositor Order Number

Identifying number for warehouse shipping order assigned by the depositor

TYPE=**AN** MIN=**1** MAX=**22**

SEGMENTS USED IN (AS SIMPLE)

W05 W06 W17

TRANSACTION SETS USED IN

940 943 944 945

286 - Product/Service Condition Code

Code identifying condition of product/service TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

JID PID W01

TRANSACTION SETS USED IN

100 124 140 142 143 148 154 180 185 187 196 197 215 244 251 266 267 268 271 275 283 500 503 561 625 754 806 810 811 818 819 820 830 832 836 838 840 841 842 843 844 845 846 847 848 849 850 851 855 856 857 860 861 863 865 866 867 869 870 878 888 897 940

CODE	DEFINITION & EXPLANATION
01	Good *A used item in good condition. The item shows wear from consistent use, but it remains in good condition and is usable. It may be marked, have identifying markings on it, or show other signs of previous use. Item instructions may be available.*
02	Damaged *A new, unused item that is damaged. The item meets manufacturer specifications and is usable. The item may be in its original packaging. Original manufacturer's warranty , if any, applies, with warranty details available. Item instructions, if any, may be available.*
03	Recouped
04	New Material
05	Suitable for Reuse without Reconditioning
06	Suitable for Reuse After Reconditioning
07	No longer useful for original purpose but still of some use *Includes items that may be sold for parts*
08	Unknown Material *Item or item components are recycled for purposes other than original use. Includes scrap materials*
09	Hold or Reserve Stock *Stock held in reserve due to depositor instructions*
10	New *A new, unused, unopened item in its original packaging, with all original packaging materials included. Original protective wrapping, if any, is intact. Original manufacturer's warranty, if any, applies, with warranty details available. Item instructions, if any, are available*
11	Refurbished *A refurbished item has been professionally restored to working order. Typically this means that the product has been inspected, cleaned, and repaired to meet manufacturer specifications. The item may be in its original packaging. A manufacturer's or refurbisher's warranty may apply. Refurbished items are sometimes referred to as "remanufactured." Item instructions may be included*
12	Like New *An item in-original condition. The original protective wrapping may be missing. There are no signs of wear on the item. Item instructions, if any, are available. Includes out-of-box items*
13	Used - Very Good *A well-cared-for item that has seen limited use but remains in great condition. The item is complete and undamaged, but may show some limited signs of wear. Item works perfectly. Item instructions may be available. Typically no warranty applies*

14 Unknown
The condition of the item is not known or is not available

15 Used-Damaged
A used, damaged item that is in acceptable condition. The item is worn but continues to work. Signs of wear can include aesthetic issues such as scratches, dents, and worn corners. Item instructions may be available.

ZZ Mutually Defined

287 - Authorize/ De-Authorize Code

Code specifying the function of the authorize/de-authorize transaction set

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

G21

TRANSACTION SETS USED IN

878

CODE	DEFINITION & EXPLANATION
A	Authorization
C	Changes to Pre-Pricing Information
D	De-Authorization

288 - Pre-priced Option Code

Code specifying pre-pricing option selected TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
G22

TRANSACTION SETS USED IN
878 879 888 889 894 895

CODE	DEFINITION & EXPLANATION
A	Pre-Priced Prices included and price qualifier applies
B	Bonus Pack
C	Cents-off Pack
F	Feature Price
N	Not Pre-Priced
Y	Pre-Priced (Prices Included)
Z	Pre-Priced (Prices Not Included)

289 - Multiple Price Quantity

Quantity of units for a given price, e.g., 3 for $10.00 TYPE=**N0** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CTP G22

TRANSACTION SETS USED IN

124 206 271 304 536 810 821 822 830 832 836 837 840 843 845 846 847 850 851 852 855 857 860 865 878 879 886 888 889 894 895 897

290 - Price Condition Code

Code identifying a particular condition applicable to a price change TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
G26

TRANSACTION SETS USED IN
832 879 888

CODE	DEFINITION & EXPLANATION
01	Price Protection Applies
02	Allocation Applies
03	Advance Ship Notice/Pallet Tags
04	Bar Code Case Label
05	Bottom Load Only
06	Color Coding
07	Synchronization of Prices
08	Dedicated Carrier
09	Drop Trailer
10	Financial Electronic Data Interchange (FEDI)
11	Fax a Manifest
12	Hand Stack - Special Loading
13	Modular Pallets
14	No Diverting
15	Order Lead Time Requirement
16	Order Quality (No-Touch EDI) *Price is applicable to orders with no manual intervention*
17	Pallet Placards
18	Pick and Pack
19	Pre-set Appointments
20	Rapid Deployment (Same Day Ship) *Price is applicable if items are shipped the same day*
21	Slipsheet
22	Strap Packages
23	Third Party Pallet
24	Unload Time Required

291 - Price Condition Applies Code

Code indicating whether price conditions apply to a price change TYPE=ID MIN=3 MAX=3

SEGMENTS USED IN (AS SIMPLE)
G36

TRANSACTION SETS USED IN
832 879 888

CODE	DEFINITION & EXPLANATION
001	Yes at Transaction Set Level
002	Yes at Line Item Level
003	No Conditions Apply

292 - Quantity Basis Code

Code identifying the total product allocation condition TYPE=ID MIN=3 MAX=3

SEGMENTS USED IN (AS SIMPLE)
G26

TRANSACTION SETS USED IN
832 879 888

CODE	DEFINITION & EXPLANATION
001	Quantity per Customer Allowed
002	Quantity per Market Allowed

293 - Promotion Condition Qualifier

Code indicating to the retailer/wholesaler of the promotion TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
G94 G95

TRANSACTION SETS USED IN
852 883 889

CODE	DEFINITION & EXPLANATION
01	"AND" Relationship Between Current and Immediately Prior Occurrences of the Same Segment
02	"OR" Relationship Between Current and All Preceding Occurrences of the Same Segment
99	Refer to Free-form Description

294 - Tariff Distance

Distance on which the rate for a shipment is based TYPE=**N0** MIN=**1** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

L7 RT

TRANSACTION SETS USED IN

126 129 210 304 310 312 810 858 859

295 - Distance Qualifier

Code identifying the distance unit

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

L7 RT

TRANSACTION SETS USED IN

126 129 210 304 310 312 810 858 859

CODE	DEFINITION & EXPLANATION
A	Air Miles
B	Carrier's Rate Basis Number
D	Carrier's Docket 28300 Miles
F	Air Kilometers
K	Kilometers (Actual)
L	Tariff Kilometers
M	Miles (Actual)
T	Tariff Miles
X	Maximum Miles

296 - Intermediate Switch Carrier Code

Code identifying a road which neither originates nor terminates the shipment but provides a switching service between two roadhaul rail carriers (SCAC code for rail switch carrier)

TYPE=**ID** MIN=**2** MAX=**4**

Code Sources

17

SEGMENTS USED IN (AS SIMPLE)

E6 R2

TRANSACTION SETS USED IN

304 310 312 404 410 417 419 420 421 422 423 426 453 456 470 858 859 940

298 - Origin EDI Carrier Code

Code specifying the SCAC of the carrier which originates the EDI transaction set for a shipment

TYPE=**ID** MIN=**2** MAX=**4**

Code Sources

17

SEGMENTS USED IN (AS SIMPLE)

BW

TRANSACTION SETS USED IN

440

299 - Transit Free-form Data

Free-form data relative to inbound transit information TYPE=**AN** MIN=**1** MAX=**80**

SEGMENTS USED IN (AS SIMPLE)

T8

TRANSACTION SETS USED IN

404 410 417 426

301 - Car Type Code

Code specifying type of rail car or intermodal equipment type and its general characteristics

TYPE=**ID** MIN=**1** MAX=**4**

Code Sources

47

SEGMENTS USED IN (AS SIMPLE)

CIC CT E6 IS1 LET N21 N5 N7 PR2 PRM SCR TI W2

TRANSACTION SETS USED IN

121 125 163 204 210 219 220 222 223 227 228 300 301 304 310 312 322 324 326 350 404 410 414 417 418 419 420 421 422 423 426 432 436 453 455 456 466 470 603 715 858 859 928

302 - Location on Equipment Code

Code indicating a location on a piece of equipment, as observed from the rear-end. The rear-end of the equipment is based on the equipment type (i.e. container door, chassis, wheels, brakes)

TYPE=**ID** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

EQD M7A N21

TRANSACTION SETS USED IN

228 304 350 353 603

CODE	DEFINITION & EXPLANATION
C	Complete Equipment, Right and Left
F	Front
I	Interior
R	Rear
T	Top
U	Under
LF	Left Front
LR	Left Rear
LS	Left Side
RF	Right Front
RR	Right Rear
RS	Right Side
TC	Top Center
TF	Top Front
TR	Top Rear
LIC	Left Inner Center
LIF	Left Inside Front
LIR	Left Inside Rear
LOC	Left Outer Center
LOF	Left Outside Front
LOR	Left Outside Rear
LRS	Left and Right Side
LSC	Left Side Center
LSF	Left Side Front
LSR	Left Side Rear
R0F	Right Outside Front
RIC	Right Inner Center
RIF	Right Inside Front
RIR	Right Inside Rear
ROC	Right Outer Center
ROR	Right Outside Rear
RSC	Right Side Center

RSF Right Side Front
RSR Right Side Rear

303 - Type of Damage Code

Code identifying the type of damage TYPE=ID MIN=1 MAX=3

SEGMENTS USED IN (AS SIMPLE)
EQD

TRANSACTION SETS USED IN
228

CODE	DEFINITION & EXPLANATION
02	Bent
03	Broken
04	Defective
14	Torn
16	Flat Tire
17	Weld Broken
20	Improper Repair
21	Corrosion
22	Rotted
23	Flex Cracks
24	Burned Out
27	Dirty, Nails, Dunnage
29	Destroyed
30	Worn Out; Deteriorated
31	Vandalism
32	Cap Separation
33	Hole
34	Missing
ND	No Damage

304 - Event Code

Code identifying the event about which a report is made TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
ER IS2 ISC ISD V9

TRANSACTION SETS USED IN
109 110 161 273 300 301 303 304 310 312 315 323 325 350 417 421 426 451 453 455 456 859

CODE	DEFINITION & EXPLANATION
AAA	Requested Requirements
AAD	Actual Arrival at POD
ACA	Actual Conveyance Arrival
ACC	Accepted
ADR	Highway Departure
ALR	Actually Loaded on Rail
ALV	Actually Loaded on Vessel
ANL	Train Annulment
ANO	Arrived, Not Ordered Placed by Destination Party
APU	Anticipated Pickup
ARD	Actual Arrival Date at Final Destination
ARI	Arrival Transit Location
ARR	Arrival Final Destination
ASO	Anticipated Set-out
BAD	Bad Order
BFR	Release from Bad Order
BHV	Bad Order Heavy Repair
BLG	Bad Order Light Repair
BOH	Bad Order - Hours to Repair
CCT	Crew Call
CG1	Car Grade By Inspection
CLK	Consist Locked
COC	Cancellation of Conveyance
CRD	Cargo Receipt Date
CSL	Cargo Stripping
CTU	Crew Tie Up
CUL	Consist Un-Lock
DDL	Delivery Attempt
DEC	Declined
DEL	Deleted
DEP	Delivery Pending
DFL	Departure from Location
DPC	Departure Cancelled

DPO Departure Overdue
DRM Deramped
Equipment unloaded from conveying flatcar
DSI Destination Switch Interchange
DVA Conveyance Diversion Approval
DVC Conveyance Diversion Cancellation
DVR Conveyance Diversion Rejection
DVS Conveyance Diversion Submission
DVU Conveyance Diversion Update
EAD Estimated Arrival Date
EDD Estimated Departure Date
EFT Estimated Free Time
EQO Equipment Ordered In
ERD Estimated Arrival Date at Final Destination
ETA Advanced Estimated Time of Arrival
EWI Early Warning Inspections
EWL Association of American Railroads Early Warning Letter
FCA Carrier Does Not Possess Valid U.S. Operating Authority
FCB Carrier Has an Out of Service Order Against It
FCC Safety Score Indicates Inspection is Warranted
FCD Carrier Check Not Performed, Data Not Available At This Time
FCI Carrier's Current Insurance Does Not Meet the Minimum Level or Better
FCS Carrier Data Not Found in Federal Motor Carrier Safety Administration (FMCSA) Systems
FDD Driver Check Not Performed, Data Not Available at this Time
FDH Driver Does Not Have Proper Commercial Drivers License (CDL) Endorsements for HAZMAT Cargo
FDL Driver Does Not Have Valid/Current Commercial Drivers License (CDL) or Equivalent (Mexico or Canada)
FED Trailer Check Not Performed, Data Not Available at this Time
FOL Follow Up
FRT From Repair Track
FTE Free Time Expired Date
FVC No Current Commercial Vehicle Safety Alliance (CVSA) Decal On File
FVD Tractor Check Not Performed, Data Not Available at this Time
HAR Highway Arrival RR Facility
HEB Hold for Embargo
HEQ Equipment Held
HMI Hold or Miscellaneous
HRE Release from Hold or Miscellaneous
HSP Haulage Stop
HSR Haulage Start
HTR Trip Held
IBD In Bond
ICH Interchange Delivery

ICR Interchange Receipt
IGT Intermodal In-Gate Arrival at Railroad Intermodal Terminal
INC Incomplete
INV Association of American Railroads Inventory Move
IRD In Transit
IRI Ingate to Rail Interchange
ITS Ingate to Rail Terminal or Satellite
MAL Mailed
MWY Move Away
NOB No Bill at Location
NOT Notified Destination Party
OCA Overdue Conveyance Arrival
OGT Intermodal Out-Gate
OID Open Interchange Delivery
OIR Open Interchange Receipt
ORI Outgate to Rail Interchange
ORP Ordered to Place
OSI Origin Switch Interchange
OTS Outgate to Rail Terminal or Satellite
PAC Placement Actual
PAS PASSING BY LOCATION
PCO Placement Constructive
Estimated placement
PEN Pending
PFP Pulled from Patron
Picked up at customer location
PLF Placed on Leased Track - From Customer
PLJ Place at Joint Industry
PLT Placed On Leased Track - To Customer
POS Postpone
PRB Problem Log Created
PUJ Pull from Joint Industry
PUL Pulled From Leased Track
PUR Customer Released with No Billing
RAM Ramped
Loaded onto conveying flatcar
RCO Conveyance Released
RCR Crew and or Passengers Released
REB Release from Embargo Hold
REC Postal Reconsignment
REJ Rejected by Shipper
REP Repended
REQ Equipment Released
RET Receipted

RLO Released Loaded from Customer
RLT Released From Leased Track
RMT Released Empty from Customer
RST Restore Annulled Train
RTR Trip Released
RYD Rail Yard Move
SAD Scheduled Arrival Date
SAT Satisfied
SDD Scheduled Departure Date
SEI Seized Equipment
SER Seized Equipment - Removed
SLA Seal Added
SLC Seal Deleted
SLD Sailed
SLR Seal Replaced
SPD Scheduled Passing
SPT Spot Date
STA To Storage - Actual
STI To Storage - Intend
STN Stored Unserviceable
STP Stored Prospective Load
STS Stored for Seasonal Use
STU Stored Serviceable
STV Driver's Country of Citizenship Missing
SUS Suspended
SUV Driver Missing Approved Western Hemisphere Travel Initiative (WHTI) Document
TDC Train Delay Cancelled
TDL Train Delay
TMA Train Move Arrival
TMD Train Move Departure
TOD Train Overdue
TPL Trip Planned
TRN Lading Transferred
TRP Train Reported Passing
TRT To Repair Track
UFV Unloaded From Vessel
UNS Unable to Schedule
VAR Vessel Arrival
VDP Vessel Departure
WAI Waived
WGH Weigh
WIT Withdrawn
WYB Waybilled

ZZX Refuel
ZZY Fuel Reading
ZZZ Mutually Defined

305 - Transaction Handling Code

Code specifying the action to be taken by all parties TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
BCD BMP BPR DAD OTI XQ

TRANSACTION SETS USED IN
103 154 521 812 813 820 823 824 828 835 852 884

CODE	DEFINITION & EXPLANATION
A	Off Invoice (Deduction from Original Invoice)
B	Debit/Credit Advice No Remittance Detail
C	Payment Accompanies Remittance Advice
D	Make Payment Only
E	Debit/Credit Advice with Remittance Detail
F	Plan and Submit Suggested Purchase Order(s)
G	Plan Order(s) and Ship Product
H	Notification Only
I	Remittance Information Only
J	Payment Requested (Adjustment to Account)
K	Reimbursement to Follow
L	Apply on Account
M	Memo/Additional Remittance Detail
N	Check Issuance Notice
O	Deduct from Next Remittance
P	Prenotification of Future Transfers
Q	Credit Due, Payment Being Issued
R	Recurring Debit Authorization
S	Single Debit Authorization
T	Adjustment Requested
U	Split Payment and Remittance
X	Handling Party's Option to Split Payment and Remittance
Z	Mutually Defined

306 - Action Code

Code indicating type of action

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

API ASI BA1 BC BCD BCO BCU BFR BGN BIA BIG BOR BPT BR BRA BSI BSR CED CPL CRO CRT CSH DAD DL
DP ER ERP EXI G93 HCR IDC IT8 ITC L13 LCD M13 MBL MLS OTI PBI PLA PSC Q8 R9 REC RSC SA SPY
STC TDT TID TRS TXN UPI VEH W05 W06 W15

TRANSACTION SETS USED IN

100 101 103 105 106 107 108 111 112 113 124 128 130 131 132 133 135 138 139 140 141 142 143 144
146 147 148 149 150 151 152 154 155 157 158 159 175 176 179 180 185 186 187 188 189 190 191 194
195 196 197 198 199 200 201 202 203 205 206 220 228 240 242 244 245 248 249 250 251 252 255 259
260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 277 278 280 283 284 285 286 288
309 325 326 350 355 357 358 359 362 404 410 417 423 426 432 433 451 456 460 470 475 485 486 494
500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 753 754 806 810 811
812 814 816 820 822 824 828 830 831 832 833 834 836 838 840 843 846 850 853 854 855 859 860 861
865 867 869 870 872 873 874 877 879 881 887 888 890 891 892 897 940 943 945 947

CODE	DEFINITION & EXPLANATION
0	Authorize
1	Add
2	Change (Update)
3	Delete
4	Verify
5	Send
6	Receive
7	Request
8	In Production Send
9	Not Capable of Taking Action
A	Add A Bill of Lading
B	Cancel Balance of Order/Item that Exceeds Value Specified in Data Element 610
C	Cancelled
D	Delete a Bill of Lading
E	Eliminate/Expire
F	Final
G	Cancel Entire Order/Item
H	Master-In-Bond (MIB) Arrival
I	Reissue
J	Record
K	In Production Send and Receive
L	In Development/Send
M	In Development/Receive
N	In Development/Send and Receive
O	In Test/Send
P	In Test/Receive

Q In Test/Send and Receive
R In Production Receive
S Re-record
T Status Query
U Reject
Inability to accept for processing due to the lackof required information
V Respond
A reply or answer
W Reverse
The return to a previous condition or value
X Recommend
Y Not Recommend
Z Mutually Defined
00 Authorize and Settle Combination
10 Adjourn
11 Approve
12 Auction
13 Cleared
14 Compose
15 Correct and Resubmit Claim
16 Consider
17 Create
18 Decide
19 Declare
20 Decree Recall
21 Disapprove
22 Dissolve
23 Escalation
24 On-Hold
25 Dropped
26 Bankruptcy Filed - Review Account
27 Moved - Follow Up
28 Change Phone Number
29 Payment Received - Follow Up
30 Account Active - Pursue
31 Return per Client Request
32 Pursue Legal Action
33 Active
34 Pursue Garnishment
35 New Assignment - Proceed
36 Repossess Merchandise
37 Adjust Payment
38 Change Address
39 Skiptrace Account

40 Close Account - Deceased
41 Update to Inactive
42 Account Paid in Full - Close Account
43 Refused to Pay - Review Account
44 Account Disputed - Review
45 Do Not Contact - Fair Debt Collection Practices Act (FDCPA)
46 Forward Account
47 Enforce
48 Extinguish
49 Judgment for Defendant
50 Judgment for Plaintiff
51 Complete
52 Justified
53 Legal Moratorium on Debts Incurred to Date
54 Meeting Held
55 Meeting Held and Opened
56 Moratorium
57 Not Filed
58 Not Justified
59 Partial Release
60 Provisional Moratorium
61 Readjudicate
62 Resolve
63 Resulted in a Suit
64 Resulted in No Liquidation
65 Set Aside
66 Settled out of Court
67 Sold
68 Stayed
69 Subordination
70 Surrender
71 Term Expired
72 Unsatisfied
73 Void
74 Suspended, 24 Hours
75 Dispute
76 Assign
77 Agent Change
78 Agent Hierarchy Change
79 Reactivate
80 Reconcile
81 Renew
82 Follow Up

83 Future
84 Letter of Authority Sent
85 New Premium Only
86 Pended for Follow Up
87 Countersue
88 Contact via Telephone Call
89 Contact via Fax
90 Mark
91 In Progress
92 Reconfirm
93 Send Record at End of the Fall Term
94 Send Record at End of the Winter Term
95 Send Record at End of the Spring Term
96 Send Record at End of the Summer Term
97 Send Record at End of the Intersession Term
A1 Certified in total
A2 Certified - partial
A3 Not Certified
A4 Pended
A5 Upheld
A6 Modified
A7 Approved with Errors
AA Award
AB Abandon
AC Acknowledge
AD Decrease in Amount
AE Activate
AF Affirm
AG Added Commodity Codes
AH Added Equipment
AI Increase in Amount
AJ Added Points Served
AL Allow
AN Annual Location Reconciliation
AP Appeal
AQ Acquitted
AR Advanced Payment
AS Discovered
AT Appoint
AV Cancellation Not Effected
Failure to respond to an inquiry did not result in automatic cancellation action
AW Mass Cancellation
Universal cancellation of all requisitions initiated by an organization or in support of a special project in response to base closure, unit deactivation, or termination of a special project

AX Partial Cancellation
Cancellation of a portion of the quantity identified in a procurement action
BD Board
BE Producer Reporting Structure Change
BF Background Investigation
BG License Request
BH Book of Business Transfer
BI Bifurcate
A multi-party case is split into more than one case
BJ Print Loan Application Only
BK Guarantee Application Only
BL Guarantee Before Sending Application
BM Return Loan Application with Certification Data
BN Guarantee After Receiving Application
BO Use Both Date and Meter Criteria
C1 Community Service Required
C2 Convicted
CA Change Name
CB Cut
CC Concur
CD Completed Docket (Proposer Only and on Current Docket)
CE Charge
CF Confirm
CG Conditionally Grant
CL Closed
CM Commence
CN Consolidated
CO Correct
CP Counter Proposal
CR Process Immediate, Critical
CS Transfer of Claim for Security
CT Contact Payer
CU Continue
CV Convert
CX Claim Transferred
D1 Deported
D2 Dismissed
DA Division Adjustment Only
DB Shorten Expiration Date
DC Delivered to Another Carrier
DD Delete and Docket (Proposer Only on Unconcurred Docket)
DE Deny
DF Defer
DG Decrease

DH Extended Expiration Date
Holder of a contract/agreement is to extend the period in which the contract/agreement is to be fulfilled
DI Dismissed with Prejudice
DJ Dismissed without Prejudice
DK Dispose
DL Divert
DP Delivered to Public Warehouse
DR Direct
DS Discarded
DT Discontinue
DX Discharged
EA Establish Address
EB Establish Additional Address
EC Establish Electronic Address
ED Suppress Correspondence
EE Suppress Forms
EN Enter
EO End of Day Processing
EP Entire Patient Information
ER Extension Request
EV Evaluate
EX Extend
EZ Exception Occurred
F1 Fined
FA Fail
FC Factor Change
FI File
FO Forfeit
FR Patient Follow-Up Required
GR Grant
HM Process Manually
HR Hold Until Released
I1 Found Not Guilty
IA Deactivate
IM Increase
IN Interim
IS Issue
IT Initiate
JA ailed
JO oin
JU udgment
KA Registration Confirmed
The application requesting registration was favorably acted upon and registration is

confirmed

LC Left at Consignee

LQ Liquidate

ME Merge

MO Mooting
To make the object of the action irrelevant

NA No Action Required

NC Process Routinely, Not Critical

ND No Change

NP Not Present

NS Do Not Send

OD Order

OP Open

OR Use Date or Meter Criteria (whichever occurs first)

OT Other Unlisted Action

P1 Sentenced to Probation

PA Tariff Publisher Add

PB Partial Transfer of Claim

PC Previously Converted

PD Tariff Publisher Delete

PF Preliminary Final

PI Provide Additional Information

PJ Progress Payment

PL Preliminary
The product has data that the information provider intends to correct or add values to, due to pre-production unknowns.

PO Proposed

PP Partial Patient Information

PR Present

PS Proposal

PT Proposal Trace

PU Publish Changes

PV Provisional Payment

R1 Reopened

R2 Send Record Now
Please send requested record as soon as possible

R3 Send Record at End of the Term
Please hold the record and send it at the end of the term after final grades are posted to the record

R4 Send Record After Degree is Posted
Please hold the record and send it as soon as the degree has been awarded and posted to the record

R5 Send Vocational Record Only
Please send only the vocational portion of the student's educational record

R6 Transfer

R7 Assumption
R8 Terminate
R9 Reinstate
RA Remove
RB Resecure
RC Returned to Carrier Facility
RD Rate and Division Adjustment
RE Released
RF Returned to Shipper's Facility (Other Than Original Shipping Location)
RG Refer
RH Recall
RI Restricted
RJ Rate Adjustment
RK Rate Adjustment with a Sequence Change
RL Reschedule
RM Remand
RN Reject Proposal with Counter Proposal to Follow
RO Returned to Original Shipping Location
RP Request To Publish
RQ Tariff Publisher Reissue
RR Reverse and Remand
RS Report Status
RT Restrain
RU Return
RV Revoke
RW Rescind
RX Replace
RZ Reject - Header Level Errors
S1 Secure
S2 Suspended
SA Satisfy
SB Subrogate
To substitute one person in place of another with reference to a lawful claim, demand or right
SC Screen
SD Seal
SE Settle
SL Schedule
SR Serve
SS Sustain
SU Suspend
SV Sever
SZ Seize
TD Temporarily Deny

TE Oppose
TG Temporarily Grant
TN Annul
TP Temporarily Grant, in Part
Part of the relief requested is approved, temporarily
TR Trim
TS Disallow
TU Take Under Advisement
VA Vacate
VC Sight Verification Completed
Confirms a unique item has been received and properly identified in response to a sight verification request
W1 Reconcile Historical Records
WD Withdrawn
WI Winterize
WQ Accept
WV Waive

308 - Damage Exception Indicator Code

Code indicating whether damage is being reported to a vehicle in this transaction set

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

VC

TRANSACTION SETS USED IN

120 121 125 127 309 326 355 404 410 417 426 456 858 859 928

CODE	DEFINITION & EXPLANATION
Y	Damage Being Reported

309 - Location Qualifier

Code identifying type of location

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

B4 CHB FOB FU2 GR2 GR4 GY M11 M2 M20 N4 P5 PPA PR1 R2A R4 REA S9 SCL SMR TAX TCD TD5 W28 X01 Y4

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 109 110 111 112 113 120 124 128 130 132 133 135 138 140 141 142 143 144 146 147 148 149 150 152 153 154 155 157 158 159 163 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 227 228 240 245 248 249 250 251 252 255 256 259 260 261 262 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310 311 312 313 315 317 322 323 324 325 326 354 355 356 358 359 362 404 410 412 417 418 421 422 423 424 426 431 434 455 456 460 466 470 490 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822 823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 869 870 872 873 874 875 876 878 879 880 881 882 885 887 888 889 890 892 893 896 897 920 940 943 944 945 947

CODE	DEFINITION & EXPLANATION
A	Jurisdiction to Receive Credit for Uniform Commercial Code Filing
B	Transmitting Utility
C	Consignor
D	Census Schedule D SEE CODE SOURCE 54
E	Uniform Commercial Code Filing Office
F	Current Address
G	Census Block Group SEE CODE SOURCE 684
H	Home Address
I	Home Base Address
J	Census Tract SEE CODE SOURCE 684
K	Census Schedule K SEE CODE SOURCE 55
L	Local Address
M	Mailing Address
N	Bureau International des Containers et du Transport Intermodal (BIC) facility depot codes SEE CODE SOURCE 991
O	Office Address
P	Permanent Address
Q	Birthplace
R	Ship Message Design Group (SMDG) terminal codes SEE CODE SOURCE 992
W	Worldwide Geographic Location Code
10	Nearest Cross Street

11 Secondary Cross Street

12 Range
Geographic delineations established by public land survey, often six miles on the latitudinal axis

13 Section
Geographic delineations established by public land survey, often one mile square

14 Quarter Section
Geographic delineations established by public land survey, often 1/2 mile square portion of a "section"

18 Marker Identifier Location

19 Route

20 Route Subdivision

21 Grid Location

22 Page

27 Marker Type
Identifies type of facility

28 Latitude-Longitude Source

29 Map Source

30 Map Reference

31 Grid Source

32 Aliquot
Identifies the subdivided portion of a one square mile legal survey area section

33 Block

34 District

35 Drainhole Number

36 City Block

38 Footage Call Direction

39 Location Direction

40 Outer Continental Lease Location

41 Lot

42 Map Quadrangle

43 Principal Meridian
A starting point of a rectangular land survey area

44 Outer Continental Shelf Area

45 Outer Continental Shelf Block

46 Official Protraction Diagram

47 Quarter Quarter Quarter Section
The subdivided description for a usual ten-acre portion of a legal survey area section

48 Quarter Quarter Section
The subdivided description for a usual forty- acre portion of a legal survey area section

49 Section Type

50 Abstract

52 Labor

53 League

54 Survey

55 Tier
57 Tract
58 Universal Transverse Mercator Quadrant
A designation of a rectangular survey area used for large scale mapping
59 Course Direction
60 Area
93 Sender's Location Code
94 Receiver's Location Code
A1 Office
AA Annual Statements Mailing Address
AC City and State
AP All Points
Qualifies a code that identifies a geographic area where transportation rates apply
AR Armed Services Location Designation
B1 Branch
BE Business Economic Area (BEA) Region Code
SEE CODE SOURCE 220
BL Government Bill of Lading Office Code (GBLOC)
Qualifies a code that identifies the location of a government office authorized to process transportation bills of lading
SEE CODE SOURCE 206
BS Place of Business
C2 Geopolitical Name Code
CA Country of Origin
CB Confirmation Mailing Address
CC Country
CD Canada Customs Office Code
SEE CODE SOURCE 116
CE Correspondence Mailing Address
CG Congressional District
CI City
CL National Rate Basis (NRB)
CM Consolidated Metropolitan Statistical Area (CMSA)
CO County/Parish and State
CR In Tank Car
CS Canadian SPLC
SEE CODE SOURCE 21
CY County/Parish
DC Distribution Center Number
DE Destination (Shipping)
DL Delivery Location
DO District Office
DP Department
DR District of Residence
DT Domicile Type Code
SEE CODE SOURCE 311

EA Event Location
EB Borough
EL Employer Location
A specific work location where an injury occurred
FA Factory
FE Freight Equalization Point
FF Foreign Freight Forwarder Location
FI Federal Information Processing Standards (FIPS) 55 (Named Populated Places)
SEE CODE SOURCE 43
FR U.S. Custom's Facilities Information and Resource Management Systems (FIRMS)
SEE CODE SOURCE 154
FS Freight Station Accounting Code
FT Foreign Trade Zone
A secured area legally outside a nation's customs territory, usually located in or near customs ports of entry, industrial parks or terminal warehouse facilities; while in a zone, merchandise is not covered by a customs bond or subject to duty or excise tax
SEE CODE SOURCE 218
FV Free Alongside Vessel (Free On Board [F.O.B.] Point)
GL Freight Station Geographic Location
IA International Air Transport Association (IATA) Location Qualifier
IB Issue Location
IM Military Standard Movement Procedures (MILSTAMP)
IP Postal
IS In Store
IT Intermediate FOB Point
A location indicating the point of destination is not the origin or final destination but rather at some other point
KE Port of Embarkation
KL Port of Loading
KP Government Furnished Property FOB Point
LO Local Office
MI Mill
MO Main Campus
MS Metropolitan Sampling Area (MSA) Region Code
SEE CODE SOURCE 221
MZ Mexican Postal Code
NS City/State from Points
OA Origin (After Loading on Equipment)
OF Other Unlisted Free On Board (FOB) Point
An FOB Point that cannot be predetermined
OL Open and Prepay Station List Code(SCAC & Number)
SEE CODE SOURCE 123
OP Other Unlisted Acceptance Point
An acceptance Point that cannot be predetermined
OR Origin (Shipping Point)
OV On Vessel (Free On Board [FOB] point)

PA Port of Arrival
Port where shipment enters country

PB Port of Discharge
Port where shipment is unloaded

PC Policy Mailing Address

PD Place of Delivery

PE Port of Entry
Port where customs is declared

PF Parents Address

PG Primary

PH Prior Business

PL Plant

PM Primary Metropolitan Statistical Area (PMSA)

PO Principal Servicing Office

PP Pool Point

PQ 3 Digit U.S. ZIP
SEE CODE SOURCE 51

PR 4 Digit U.S. ZIP
SEE CODE SOURCE 51

PS 5 Digit U.S. ZIP
SEE CODE SOURCE 51

PT 3 Digit Canadian Postal Code

PU 6 Digit Canadian Postal Code

PV 9 DIGIT U.S. ZIP

PZ 11 DIGIT U.S. ZIP

RA Rate Area Code
Qualifies a code that identifies a geographic area where transportation rates apply

RC In Rail Car

RE Regional Education Service Agency
An educational agency funded by a state or by school districts for the purpose of providing services to multiple schools or school districts

RG Region Code
Qualifies a code that identifies a geographic area where transportation rates apply

RJ Region

RL Rural

RS Standard Carrier Alpha Code
SEE CODE SOURCE 17

RT Route Administrative Message To

SA Secondary

SB Suburban

SC City/State and Points Within

SD School District

SE Summer

SG Storage

SH School Campus Code

SL U.S. SPLC
SEE CODE SOURCE 21
SN Store Number
SP State/Province
SS School
ST In Storage Tank
SW Switching District
TA Tank
TC Transcontinental Freight Bureau
TI Tribal Land
TL Terminal Cargo Location
TM Terminal
TN Township
TP Temporary
TR Rail Territory
SEE CODE SOURCE 56
TX Taxing District
UN United Nations Location Code (UNLOCODE)
SEE CODE SOURCE 202
UR Urban
UT Business Unit
VA Vacation
VI Village
VS Vessel Stowage Location
WF Wharf
WH Warehouse
WI Winter
X1 National Center for Education Statistics Locale Code
SEE CODE SOURCE 865
ZN Zone Code
Qualifies a code that identifies a geographic area where transportation rates apply
ZZ Mutually Defined

310 - Location Identifier

Code which identifies a specific location

TYPE=**AN** MIN=**1** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

B4 BA1 CD1 CHB GA GR2 GR4 GY ICM M11 M12 M13 M14 M15 M2 M20 M21 N11 N4 P4 P5 PPA PR1 R12
R2A R4 S9 SCL SDQ SMS TAX TCD TD5 V2 VC VC1 VEH VID W28 X01 X1 X4 XD Y4

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 109 110 111 112 113 120 121 124 125 127 128 130 132 133 135 138 140
141 142 143 144 146 147 148 149 150 152 153 154 155 157 158 159 163 175 176 179 180 185 186 187
188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216
217 219 220 222 223 227 228 240 245 248 249 250 251 252 255 256 259 260 261 262 264 265 266 267
268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310 311
312 313 315 317 319 322 323 324 325 326 350 352 353 354 355 356 357 358 359 362 404 410 412 417
418 421 422 423 424 426 431 433 434 455 456 460 466 470 490 494 500 501 503 504 511 517 521 527
536 540 561 567 568 601 603 620 625 650 715 753 754 805 806 810 811 812 813 814 816 818 819 820
821 822 823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847
848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 869 870 873 874
875 876 878 879 880 881 882 885 887 888 889 890 892 893 896 897 920 928 940 943 944 945 947

311 - Shipment Type Code

Code identifying shipment type

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

G1

TRANSACTION SETS USED IN

304 312 326

CODE	DEFINITION & EXPLANATION
AD	Inventory Adjustment (+)
AM	Inventory Adjustment (-)
CS	Customer Shipment
RJ	Rejected Shipment
ST	StockTransfer

312 - Special Indicator Code

Code identifying shipment type

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

G1 G2

TRANSACTION SETS USED IN

304 311 312 326

CODE	DEFINITION & EXPLANATION
I	In Bond
L	Local
N	Order Notify
O	Origin Common Point (OCP)
T	Through

313 - Authority Identifier Code

Code indicating authority for authentication TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
Y6

TRANSACTION SETS USED IN
135 300 301 303 304 310 311 312 858 859

CODE	DEFINITION & EXPLANATION
BC	Billing Clerk
CA	Carrier
FN	Forwarder
LO	Lending Official
NR	Non-Recourse
PP	Proposer *The authority authorizing the submission of a proposal*
RC	Rate Clerk
RV	Release Value
SH	Shipper
SO	School Official

315 - Compensation Paid

Commission paid to broker for services rendered TYPE=**R** MIN=**2** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

G3

TRANSACTION SETS USED IN

304 310

316 - Next Port of Discharge

Port at which vessel will make next discharge TYPE=**AN** MIN=**2** MAX=**24**

SEGMENTS USED IN (AS SIMPLE)

V3

TRANSACTION SETS USED IN

304 311

317 - Total Compensation Amount

Amount calculated from brokerage amount TYPE=**N0** MIN=**3** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

G3

TRANSACTION SETS USED IN

304 310

318 - Current Port of Loading

Port at which cargo is currently being loaded TYPE=**AN** MIN=**2** MAX=**24**

SEGMENTS USED IN (AS SIMPLE)

V3

TRANSACTION SETS USED IN

304 311

319 - Temperature Control

Free-form abbreviation of temperature range or flash-point temperature TYPE=**AN** MIN=**3** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

N7

TRANSACTION SETS USED IN

121 125 163 204 210 219 220 222 223 227 300 301 304 310 312 322 324 326 350 404 410 417 422 423 426 436 456 470 715 858 859

320 - Scale

A carrier-maintained reference used to further identify a schedule of rates within a tariff

TYPE=**AN** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

SL1

TRANSACTION SETS USED IN

104 110 858 859

321 - Intermodal Facility Code

Code identifying the type of intermodal loading and unloading facility TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
SMO

TRANSACTION SETS USED IN
431

CODE	DEFINITION & EXPLANATION
0	Intermodal Facility Not Available
1	Circus Type Ramp
2	Overhead Crane
3	Side Lifter
4	Both Crane and Side Lifter
5	StackTrain Facility *A railroad station where there is a facility to handle stacktrain intermodal equipment*
6	Facility has been Closed
7	Both Carload and Intermodal Facility Available
8	Port Facility

322 - Load/Empty Status Code

Code specifying the loaded condition of transportation equipment TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

CV DRT ED ER IS1 PRM R12 SSC VEH VID XD

TRANSACTION SETS USED IN

124 148 187 266 267 270 271 272 284 285 286 309 311 324 350 355 358 359 412 414 421 423 424 432 433 451 453 455 456 601 603 811 820

CODE	DEFINITION & EXPLANATION
A	Carrier's Bond Covers Merchandise and Instruments of International Trade
B	Importer's Bond Covers Merchandise and Instruments of International Trade
C	Carrier's Bond Covers Instruments of International Trade
E	Empty
F	Empty Requiring Census Reporting
I	Importer's Bond Covers Instruments of International Trade
L	Loaded
M	Load Requiring Census Reporting
T	Total

323 - Purchase Order Date

Date assigned by the purchaser to Purchase Order expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

TYPE=**DT** MIN=**8** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

G82 **G88**

TRANSACTION SETS USED IN

894 **895**

324 - Purchase Order Number

Identifying number for Purchase Order assigned by the orderer/purchaser

TYPE=**AN** MIN=**1** MAX=**22**

SEGMENTS USED IN (AS SIMPLE)

BAK BCA BCD BCH BEG BFR BIG BSS CS G01 G48 G50 G82 G88 G92 OID PRF SSD W05 W06 XPO

TRANSACTION SETS USED IN

163 180 204 210 211 212 214 216 223 250 325 503 527 536 561 567 568 753 754 810 811 812 830 842 846 850 852 855 856 857 860 861 862 865 866 867 869 870 873 874 875 876 880 881 882 894 895 940 943 945 947

325 - Tax Identification Number

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

TYPE=**AN** MIN=**1** MAX=**20**

SEGMENTS USED IN (AS SIMPLE)

TAX TXI TXP

TRANSACTION SETS USED IN

112 124 140 142 148 154 187 215 263 283 810 811 812 820 823 830 832 838 840 843 850 851 855 857 860 865 894 895

326 - Request Reference Number

Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)

TYPE=**AN** MIN=**1** MAX=**45**

SEGMENTS USED IN (AS SIMPLE)

ACK BAK BCA BCH SCH

TRANSACTION SETS USED IN

561 840 843 846 850 855 860 865

327 - Change Order Sequence Number

Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set

TYPE=**AN** MIN=**1** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

BCA BCH BCP BIG BQR BQT CS PRF

TRANSACTION SETS USED IN

180 216 250 325 503 527 536 561 567 568 805 810 811 840 842 843 846 856 857 860 861 865 867 869 870 873 874 947

328 - Release Number

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

TYPE=**AN** MIN=**1** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

BAK BCA BCH BEG BFR BIG BSS CS GF PRF

TRANSACTION SETS USED IN

180 216 250 325 503 511 517 527 536 561 567 568 810 811 830 842 846 850 855 856 857 860 861 862 865 866 867 869 870 873 874 947

329 - Transaction Set Control Number

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

TYPE=**AN** MIN=**4** MAX=**9**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK2 OTI SE ST

TRANSACTION SETS USED IN

100 101 102 103 104 105 106 107 108 109 110 111 112 113 120 121 124 125 126 127 128 129 130 131
132 133 135 138 139 140 141 142 143 144 146 147 148 149 150 151 152 153 154 155 157 158 159 160
161 163 170 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203
204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 224 225 227 228 240 242 244 245 248
249 250 251 252 255 256 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276
277 278 280 283 284 285 286 288 290 300 301 303 304 309 310 311 312 313 315 317 319 322 323 324
325 326 350 352 353 354 355 356 357 358 359 361 362 404 410 412 414 417 418 419 420 421 422 423
424 425 426 429 431 432 433 434 435 436 437 440 451 452 453 455 456 460 463 466 468 470 475 485
486 490 492 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 753
754 805 806 810 811 812 813 814 815 816 818 819 820 821 822 823 824 826 827 828 829 830 831 832
833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856
857 858 859 860 861 862 863 864 865 866 867 868 869 870 872 873 874 875 876 877 878 879 880 881
882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 920 924 925 926 928 940 943 944
945 947 980 990 993 996 997 998 999

331 - Allowance or Charge Method of Handling Code

Code indicating method of handling for an allowance or charge TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BMA G46 G72 ITA SAC

TRANSACTION SETS USED IN

124 140 142 143 180 187 219 220 304 810 811 812 819 820 823 830 832 840 843 846 847 850 851 852 855 856 857 859 860 861 865 867 870 875 876 878 879 880 881 882 883 888 889 890 894 895 897 945

CODE	DEFINITION & EXPLANATION
01	Bill Back
02	Off Invoice
03	Vendor Check to Customer
04	Credit Customer Account
05	Charge to be Paid by Vendor
06	Charge to be Paid by Customer
07	Optional
08	Off Gross Quantity Invoiced
09	Allowance To Be Issued by Vendor *Code designating vendor as the issuer of an allowance*
10	Allowance To Be Issued by Reseller *Code designating reseller as the issuer of an allowance*
11	Charge Denied by Vendor *Vendor will not allow charge requested*
12	Cancel Allowance
13	Provide Amount *To enable a shipper to request the forwarder to provide the amount of the specified allowance or charge*
15	Information Only *When this code is used, the allowance or charge amounts are not to be added or subtracted from the transaction; the data is being provided for information purposes only*
18	Non-Payable Tax
20	Accrual Fund
21	Flat Fund
25	Cash in Advance
CA	Calculate and Add to Invoice *Value of allowance or charge is to be calculated by recipient and added to invoice total*
CC	Collect
PP	Prepaid
ZZ	Mutually Defined

332 - Percent, Decimal Format

Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)

TYPE=**R** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

CN1 DP EMS FRM G46 G72 ING ITA SAC

TRANSACTION SETS USED IN

113 124 130 132 138 140 142 143 155 180 186 187 189 194 198 200 201 202 219 220 248 252 255 267 274 284 286 304 540 810 811 812 819 820 823 830 832 833 837 840 843 846 847 850 851 852 855 856 857 859 860 861 865 867 870 875 876 878 879 880 881 882 888 889 890 894 895 897 945

333 - Terms Basis Date Code

Code identifying the beginning of the terms period TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
G23 ITD

TRANSACTION SETS USED IN
110 140 210 304 561 810 811 812 819 830 832 836 838 840 843 845 850 855 857 858 859 860 865 875 876 880 882 888 889 894 895

CODE	DEFINITION & EXPLANATION
1	Ship Date
2	Delivery Date
3	Invoice Date
4	Specified Date
5	Invoice Receipt Date
6	Anticipated Delivery Date
7	Effective Date
8	Invoice Transmission Date
09	Purchase Order Date
10	Invoice Verification Date
11	Completion And Acceptance Date
12	Approval of Sample Date
13	Approval of Gage Date
14	Quality Approval Date
15	Receipt of Goods
16	Quarter Start Date
ZZ	Mutually Defined

334 - Transportation Terms Qualifier Code

Code identifying the source of the transportation terms TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)

FOB

TRANSACTION SETS USED IN

104 250 503 754 810 812 830 832 836 838 840 843 850 852 855 856 857 859 860 861 862 865 866

CODE	DEFINITION & EXPLANATION
01	Incoterms SEE CODE SOURCE 35
02	Trade Terms Code
ZZ	Mutually Defined

335 - Transportation Terms Code

Code identifying the trade terms which apply to the shipment transportation responsibility

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

AT6 B2 B3 FOB FU2 M2

TRANSACTION SETS USED IN

104 110 204 210 215 250 304 310 312 503 754 810 812 830 832 836 838 840 843 850 852 855 856 857 858 859 860 861 862 865 866 890

CODE	DEFINITION & EXPLANATION
CFR	Cost and Freight *Seller pays cost and freight to named port of destination; buyer assumes all risks of loss and damage and additional costs incurred once goods are delivered on board the vessel; these are assumed by the buyer when the goods pass over the rail of the ship at the port of shipment*
CIF	Cost, Insurance, and Freight *Seller pays cost and freight to named port of destination; buyer assumes all risks of loss and damage and additional costs incurred once goods are delivered onboard the vessel; risks are assumed by the buyer when the goods pass over the rail of the ship at the port of shipment; seller must in addition procure (i.e. contract and pay for) marine insurance against the buyer's riskof loss or damage during shipment*
CIP	Carriage and Insurance Paid To *Seller pays cost and freight to named port of destination; buyer assumes all riskof damage or loss and additional costs incurred once goods are delivered on board the vessel; these risks are assumed by the buyer when the goods pass over the rail of the ship at the port of shipment; seller must procure (i.e. contract and pay for) marine insurance against the buyer's riskof loss or damage during carriage; seller must in addition procure (i.e. contract and pay for) cargo insurance against the buyer's riskof loss or damage to the goods during carriage*
CPT	Carriage Paid To *Seller pays freight charges named to destination; the riskof loss or damage to the goods, as well as any additional costs due to events occurring after the time the goods have been delivered to other carrier, is transferred from the seller to the buyer when the goods have been delivered into the custody of the carrier*
DAF	Delivered at Frontier *Seller fulfills obligation to deliver when goods have been made available, cleared for export, at the named point and place at the frontier, but before the border of the adjoining country*
DAP	Delivered At Place *Seller delivers the goods when they are placed at the disposal of the buyer on the arriving means of transport ready for unloading at the named place of destination. An Incoterm rule*
DAT	Delivered At Terminal *Seller delivers when the goods, once unloaded from the arriving means of transport, are placed at the disposal of the buyer at a named terminal at the named port or place of destination. Terminal includes quay, warehouse, container yard or road, rail or air terminal. An Incoterm rule*
DDP	Delivered Duty Paid *Seller bears costs and risks involved in bringing goods to the named place in the country of*

importation including duties, taxes, and other official charges payable upon import

DDU Deliver Duty Unpaid
Seller bears costs and risks involved in bringing goods to the named place in country of importation exclusive of duties, taxes, or other official charges payable upon import, and the costs and risks of carrying out import formalities

DEQ Delivered Ex Quay
Seller bears all costs and risks involved, including duties, taxes, and other charges involved in delivering the goods to the quay (wharf) at the named port of destination, cleared for import; seller's obligation ends when the goods are available to the buyer on the quay (this term used only for sea or inland waterway shipments)

DES Delivered Ex Ship
Seller bears all costs and risks involved in bringing goods to the named port of destination; seller's obligation ends when goods are available to buyer on board the ship uncleared for import at named port of destination (this term used only for sea or inland waterway shipments)

DOM Domestically Supplied
Duty paid at the border, making the material equivalent to being supplied by a domestic source

DUP Delivered; Duty Unpaid
Seller bears costs and risks involved in bringing goods to a named place in the country of importation as well as risks and costs of carrying out customs formalities, but excluding duties, taxes, and other official changes payable upon importation

EXQ Ex Quay

EXS Ex Ship

EXW Ex Works
Buyer bears all costs and risks in taking the goods from the seller's premises to the desired location

FAS Free Alongside Ship
Seller's obligation ends when goods have been placed alongside the vessel on the quay or in lighters at the named port of shipment; buyer bears all costs and risks thereafter

FCA Free Carrier
Seller fulfills his obligation when goods are handed over, cleared for export, and into the charge of the carrier named by the buyer at the named place or location

FCI Freight Carriage and Insurance Paid To

FCP Freight Carriage Paid To

FOB Free on Board

FOR Free on Rail

FOT Free on Truck

NPF Non-privileged Foreign
Duty not paid at the border and in the U. S. Customs and Border Protection (CBP) category of "non-privileged foreign"

PPF Privileged Foreign
Duty not paid at the border and in the U. S. Customs and Border Protection (CBP) category of "privileged foreign"

ZZZ Mutually Defined

336 - Terms Type Code

Code identifying type of payment terms TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CS G23 INC IPU ITD MIC PYT R11

TRANSACTION SETS USED IN

110 140 155 210 245 263 266 304 412 503 527 536 561 567 568 810 811 812 819 820 830 832 836 838 840 842 843 845 846 850 855 857 858 859 860 865 870 872 873 874 875 876 880 882 888 889 894 895 947

CODE	DEFINITION & EXPLANATION
01	Basic
02	End of Month (EOM)
03	Fixed Date
04	Deferred or Installment
05	Discount Not Applicable
06	Mixed
07	Extended
08	Basic Discount Offered
09	Proximo
10	Instant
11	Elective
12	10 Days After End of Month (10 EOM)
13	Seller to advise buyer
14	Previously agreed upon
15	Special Proximo
16	Prompt Payment Act SEE CODE SOURCE 90
17	Terms not Applicable
18	Fixed Date, Late Payment Penalty Applies *Sales terms specifying a past due date, and a late payment percentage penalty applies to unpaid balances past this due date*
19	Liquidation *Term at which the progress will be liquidated before the final payment is made to the contractor*
20	Progress Payment *Term at which progress payments are authorized by the terms of the contract*
21	Fast Pay *Code indicating that an invoice is subject to accelerated payment*
22	Cash Discount Terms Apply *Contract terms specify that a cash discount is applicable*
23	Payment Due Upon Receipt of Invoice
24	Anticipation *A discount allowance given when an invoice is paid before its due date (anticipation = (agreed rate/365) x invoice amount x number of days early)*

25 Cash Account
26 Cash on Advance
27 Cash on Arrival
Open account of short duration (usually 10 days)
28 Cash per Vendor Request
29 Cash by State Law
30 Cash with Order
31 Cash on Delivery (COD)
32 Lease Agreement
33 Net Month Following Invoice (MFI)
34 Sell by Note
Credit instrument in which debtor promises to pay a definite sum of money on demand or at a definite time in the future, at a stated place
35 Supplier Floor Plan
Type of financing used often by auto and furniture dealers where merchandise is owned by financing institution
36 Contract Basis
Terms are based on contract with vendor
37 Credit Controlled
Terms are monitored by creditor
38 Dating Given
In industries where principal sales may occur in one season, suppliers may extend seasonal dating (usually due after main selling season)
39 Trade Acceptance
Special from of draft that arises out a merchandise transaction; it is a written acknowledgment of the sale of goods and promise to pay at a definite date and place
40 Bill to Bill
Term indicating payment for one bill must be paid prior to the next
41 Letter of Credit
42 Lump Sum
43 Fixed Fee
44 Cost Plus
45 BankTransfer
46 Basic Commission Terms
47 Bill of Exchange
48 Cash Against Documents
49 Certified Check
50 Discount with Advance Payment
52 Discount with Prompt Pay
54 Installment Payments are Due Annually
55 Installment Payments are Due Semi-annually
56 Installment Payments are Due Monthly
57 Installment Payments are Due Quarterly
58 Irrevocable Letters of Credit
61 Payment Order Through Bank

63 Promissory Notes
64 Secured Account
65 Letters of Credit at Sight
Bank accepts Letter of Credit and makes funds immediately available
67 Deposit Required
68 Documents against Acceptance
When an importer accepts liability for imported goods, shipping documents can be released; actual payment is based on terms on draft which is signed when documents are picked up
70 Documents against Payment
Documents are released upon payment
71 Inter-company Account
Used to signify that the vendor and customer are affiliated companies
72 Unknown
73 Partial Advance
Partial Payment is required to be paid in advance
74 Payment Upon Completion
75 United States Funds Required
76 Usance Bill
Type of Letter of Credit for which a percentage is paid up front
77 Progressive Discount
Discount varies based on monetary amount of order and/or speed in which payments are made
CA Cancellation Option
CO Consignment
CT Commercial Item Finance
NC No Charge
PP Prepayment
RO Redemption Options
TC Continuous
The policy is in force until cancellation.
TN Noncontinuous
The policy will be terminated unless renewal is distributed.
ZZ Mutually Defined

337 - Time

Time expressed in 24-hour clocktime as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

TYPE=**TM** MIN=**4** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

ADT AT7 ATR B10 B4 BAA BAT BAX BC BCP BCQ BGN BHT BIA BLN BLR BLS BNR BOL BPA BPT BR BRA BRC
BSI BSN BSR BTP BTR CAL CSD CTH CUR DEP DH DM DTM ESI FIR FST G37 G4 G62 GR2 GS IS2 ISC ISD
JIT JL LFI M15 M3 N9 OTI P4 PAM PLA POD PUN Q5 RDT SCH SG SHP SR TCD TRL TSU TXN V9 W17
WS X4 Y3

TRANSACTION SETS USED IN

100 101 103 104 105 106 107 108 109 110 111 112 113 120 121 124 125 127 128 129 130 131 132 133
135 138 139 140 141 142 143 144 146 147 148 149 150 151 152 153 154 155 157 158 159 160 161 163
170 175 176 179 180 185 186 187 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206
210 211 212 214 215 216 217 219 220 222 223 227 228 240 242 244 245 248 249 250 251 252 255 256
259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285
286 288 300 301 303 304 309 310 311 312 313 315 317 322 323 324 325 326 350 352 353 354 355 356
357 358 362 404 410 412 414 417 418 421 422 423 424 426 431 432 433 434 435 436 437 440 452 453
455 456 468 470 475 492 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650
715 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822 823 824 826 827 829 830 831 832
833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856
857 858 859 860 861 862 863 864 865 866 867 869 870 872 873 874 875 876 877 878 879 880 881 882
883 884 885 886 887 888 889 890 891 892 893 894 896 897 920 940 943 944 945 947

338 - Terms Discount Percent

Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

TYPE=**R** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

CN1 G23 ITD PYT

TRANSACTION SETS USED IN

110 132 140 155 202 210 255 304 561 810 811 812 819 830 832 836 837 838 840 843 845 850 855 857 858 859 860 865 875 876 880 882 888 889 894 895

339 - Allowance or Charge Quantity

Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity

TYPE=**R** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

G72

TRANSACTION SETS USED IN

875 876 878 880 881 882 894 895 945

340 - Allowance or Charge Code

Code identifying the type of allowance or charge TYPE=ID MIN=1 MAX=3

SEGMENTS USED IN (AS SIMPLE)
G46 G72

TRANSACTION SETS USED IN
875 876 878 879 880 881 882 888 889 894 895 945

CODE	DEFINITION & EXPLANATION
1	Free Goods
2	Shrink Allowance
3	Count and Recount
4	Fuel Allowance
5	Allowance Non-Performance
6	Pallet Charge
7	Ocean Freight Charge
10	Drayage
11	Blast Freezing
12	Communication Expense
13	Handling In
14	Handling Out
15	Labor
16	Minimum Charge
17	Physical Inventory
18	Pick Rate
19	Postage
20	Slow Freezing
21	Storage
22	Supplies
23	Taking Weights
24	Telephone, Telex, Fax
25	United States Department of Agriculture (USDA) Inspection
26	Unloading
27	Withdrawal Line Item Rate
28	Direct Product Handling (DPC)
29	Price Adjustment Percent (PCT)
30	Post Damaged Handling (PDC)
31	Reclamation Center Handling (Chute)
32	Reclamation Shared Responsibility (SRS)
33	Maximum Price Percent (MAX)
34	Minimum Price Percent (MIN)
35	Conversion Allowance

40 Slip Sheet Allowance
41 Terms Allowance
42 Central Buy
43 Display Allowance
44 Early Buy Allowance
45 New Discount
46 New Warehouse
47 Competitive Marketing Allowance
48 Special Buy
50 Lump Sum
51 Trade Discount
52 Quantity Discount
53 Freight Allowance
54 Pickup Allowance
55 Warehouse Allowance
57 Vehicle Load Allowance
58 Unsaleable Merchandise Allowance
60 Label Allowance
61 Handling Allowance
62 Freshness/Leaker Allowance
63 Floor Stock Protection
64 Truckload Allowance
65 New Item Allowance
66 Slotting Allowance
67 New Distribution Allowance
68 Scanner Allowance
70 Allowance for Consignment Merchandise
75 New Store Allowance
80 Combination Performance and Non-performance
81 Direct Plant Ship Allowance
88 Mutually Defined
90 Performance Allowance
91 Glaze Allowance
92 In Transit Price Protection
93 COOP Credit
94 Cigarette Stamping
95 Swell
96 Grouped Items
The pricing for this line is related to the pricing of some other item either on this invoice or some prior invoice
97 Cents Off
100 Advertising Allowance
101 Voluntary Price Reduction
105 Pallet Allowance

106 Show Allowance
107 Indirect Customer Allowance
110 Adjustment
111 Check Adjustment
112 Funds Return
113 Generic Supply Charge
114 Hardware Maintenance Charge
116 Media Charge
117 Per Claim Charge
118 Per Item Media Charge
119 Programming Charge
120 Service Adjustment
121 Software Maintenance Charge
490 Goods and Services Credit Allowance
491 Tax Credit Allowance
499 Other Allowance
501 Taxes
502 Carrier
503 Special Handling
504 Freight
505 Insurance
506 Railcar Loading
507 Switch Charge
508 USDA Inspected, Stamping Certification
509 Labeling
510 Koshering
511 Warehouse
512 Palletizing
513 Enclosure
514 Surcharge
515 Stopcharge
516 Delivery Charge
517 Demurrage
518 Service Charge
519 Less Than Truckload Charge
520 Cut
521 Paralleling
522 Broken Lot
523 Special Packaging
524 Reel
525 Deposit Charge - Resale Item
526 Beverage Tax
527 Environmental Handling Charge

537 State or Province Tax
550 Deposit Charge - Non-Resale Item
560 Equipment Rental Charge
561 Equipment Service Charge
562 Inter-warehouse Freight Charge
565 Inbound Postage
566 Outbound Postage
570 Recycling Fee
990 Goods and Services Charge
999 Other Charges

341 - Allowance or Charge Number

The number assigned by a vendor referencing an allowance, promotion, deal or charge

TYPE=**AN** MIN=**1** MAX=**16**

SEGMENTS USED IN (AS SIMPLE)

G24 G42 G45 G72 ITA

TRANSACTION SETS USED IN

140 142 143 187 219 220 811 819 851 859 867 875 876 878 880 881 882 888 889 894 895 945

342 - Percent of Invoice Payable

Amount of invoice payable expressed in percent TYPE=**R** MIN=**1** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

G23 ITD

TRANSACTION SETS USED IN

110 140 210 304 561 810 811 812 819 830 832 836 838 840 843 845 850 855 857 858 859 860 865 875 876 880 882 888 889 894 895

343 - Installment Total Invoice Amount Due

Deferred or installment portion of the total invoice (including charges, less allowances) before terms discount (if discount is applicable)

TYPE=**N2** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

G23

TRANSACTION SETS USED IN

875 876 880 882 888 889 894 895

344 - Unit of Time Period or Interval Code

Code indicating the time period or interval TYPE=ID MIN=2 MAX=2

COMPOSITE DATA STRUCTURES USED IN
C007

SEGMENTS USED IN (AS COMPONENT)
AWD ASO

SEGMENTS USED IN (AS SIMPLE)
ADI ADT ANI AOC AOI AOR AST ATR CAL GDP ITC IV1 LDT PAM PD PYM SAL SPR SV TSP VDI

TRANSACTION SETS USED IN
106 107 113 152 153 154 155 175 176 194 196 202 205 217 249 251 259 268 285 501 521 536 540 805
806 810 814 816 818 830 832 836 838 839 840 843 846 850 851 855 860 863 865 867 872 885 888 897

CODE	DEFINITION & EXPLANATION
AA	More Than One Year
AB	First Six-Month Period
AC	Second Six-Month Period
AD	Average Daily
AE	Under One Year
AF	Next Three Months
AG	Four Month Period
AM	Average Monthly
AN	Annual
AP	Academic Period
AY	Average Year
BD	Buyer's Manufacturing Days
BM	Bimonthly
BW	Bi-weekly
CC	Cycles *Periodic cycling of extreme levels of a variable*
CY	Calendar Year
DA	Calendar Days
DW	Work Days
DY	Day
EA	Calendar Year-to-Date
EB	Campaign-to-Date
EC	Election Cycle
ED	This Period
EE	To Date
EL	Option Period at End of Lease
F1	Fiscal Year Plus One Year
F2	Fiscal Year Plus Two Years
FY	Fiscal Year

HR Hours
ID Inception to Date
KK Maximum Calendar Days
KL As Required
LN Lease Termination Notification Period
LT Lease Term
MD Month to Date
MI Minutes
MO Month
MS Mean Time Between Stops
Measure of the average time interval between an item or product stop; a noncatastrophic event
MT Mean Time Between Failure
Measure of the average time interval between an item or product failure; a catastrophic event
NX Next Six Months
PA Plan Year to Date
PD Period to Date
PM Preceding 12 Months
PR Preceding Six Months
Q1 First Quarter
Q2 Second Quarter
Q3 Third Quarter
Q4 Fourth Quarter
QY Quarter of a Year
SA Semiannual
SD Seller's Manufacturing Days
SH Shift
SM Semimonthly
SP Summer Period
TY Tax Year
WK Weeks
WW Work Week
WY Weekly
YD Year to Date
ZZ Mutually Defined

345 - Lead Time Code

Code indicating the time range

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

LDT

TRANSACTION SETS USED IN

194 536 830 832 836 840 843 846 850 855 860 865 867 888 897

CODE	DEFINITION & EXPLANATION
AA	From date of PO receipt to sample ready
AB	From date of tooling authorization to sample ready
AC	From date of receipt of tooling aids to sample ready
AD	From date of sample approval to first product shipment
AE	From date of PO receipt to shipment
AF	From date of PO receipt to delivery
AG	From last booked order to delivery
AH	From Date of Receipt of First Article to First Article Approval
AI	From Date of a Specified Event to Delivery
AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)
AK	From Date Of Latest Delivery To Final Delivery
AL	From Date Of Purchase Order or Contract Receipt To Product Ready
AM	From Date Of Previous Delivery To Date Of Subsequent Delivery
AP	From Date of Award to Midpoint of Effort
AR	From Date of Award to Government Receipt of Bond
AS	Before inventory is replenished based on stock check
AT	From Bid Opening to Expiration of Bid
AU	From Required-By Date to Expiration Date
AV	From Date of Award to Date of Latest Delivery
AW	From Date of Award to Date of Earliest Delivery
AX	From Date of Award to Date of Completion
AY	From Date of Award to Date of Delivery
AZ	From Date of Receipt of Item to Date of Approval of Item
BA	From Date of Award to Expiration Date of Authorization
BB	From Date of Order Preparation to Date of Order Placement
BC	From Date of Award to Commencement of Performance
BD	From Date of Award to Date of Option Exercise
BE	From Date of Option Exercise to Date of Completion
BF	From Date of Option Exercise to Date of Delivery
BG	From Date of a Specified Event to Date of Option Exercise
BH	From Date of Notice to Proceed to Commencement of Performance
BI	From Date of Notice to Proceed to Completion
ID	From the Date of Intended Delivery to Date of Notification of the Delivery

346 - Application Type Code

Code identifying an application

TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)

B2A BX DK M10 OTI

TRANSACTION SETS USED IN

163 204 211 212 223 304 309 310 311 350 352 353 354 355 356 357 358 404 417 426 460 463 466 468 485 490 492 494 821 824 858 893

CODE	DEFINITION & EXPLANATION
01	Standard or Regular Filings
02	To Order Shipments
03	Household Goods and/or Personal Effects
04	Military, Government, Diplomatic
05	Diplomatic Shipment
06	Carnet
07	United States Returned Goods
11	Informal
21	Vessel Import Manifest (Canadian)
22	Vessel Export Manifest (Canadian)
23	Vessel In-Transit Manifest (Canadian)
24	Vessel Consignment Import Manifest (Canadian)
25	Vessel Consignment Export Manifest (Canadian)
26	Vessel Consignment In-Transit Manifest (Canadian)
27	Rail Import Manifest (Canadian)
28	Rail Export Manifest (Canadian)
29	Rail In-Transit Manifest (Canadian)
30	House Bill of Lading (Canada)
31	Re-Manifest Manifest (Canadian)
32	Abstract Bill of Lading (Canada)
33	Rail Consignment Import
34	Rail Consignment Export
35	Rail Consignment In-Transit
36	Rail Manifest
37	Highway Import
38	Highway Export
39	Highway In-Transit
40	Highway Consignment Import
41	Highway Consignment Export
42	Highway Consignment In-Transit
43	Air Import
44	Air Export

45 Air In-Transit
46 Air Consignment Import
47 Air Consignment Export
48 Air Consignment In-Transit
AN Arrival Notice
AO Non-Rate EDI Network (REN) Autorated
AR Rate EDI Network (REN) Auto Receive
AS Rate EDI Network (REN) Auto Send
AT Appointment
BD Financial Institution Account Statement
BF Broker Filed
BG Government Bill of Lading
BH Privately Owned Personal Property Bill of Lading
A Government bill of lading used to request movement and storage services for Government sponsored personal property shipments
BL Bill of Lading
BN Booking
BR Accounts Reconciliation
BT Balance and Transaction Reporting
CD Consolidator's Invoice
CF Controlled Disbursement Funding
CI Commercial Invoice
CL Cash Letter
CO Consolidation
DL Deposit List
DO Delivery Order
DT Depository Transfer
EP Electronic Presentments
FA Full Account Reconciliation
FR Freight Tender
A tender of rates for services provided by a commercial carrier to move all classifications of Government freight other than personal property shipments
HR Personal Property Tender
A tender of rates offered by a carrier for the movement and/or storage of Government sponsored personal property shipments
IS Transportation Control Movement Document (TCMD)
LB Lockbox Summary
LS Load Summary
LT Load Tender - Truckload (TL) Carrier Only
Used by a shipper to inform carrier that a particular load is available or becoming available for movement; also signifies an advance pickup notification
MF Manifest
MO Non-Rate EDI Network (REN) Manually Rated
MR Rate EDI Network (REN) Manual Receive
MS Rate EDI Network (REN) Manual Send

PC Partial Load Tender, Carrier Consolidate
PI Pro Forma Invoice
PL Paid List (All Debits)
PP Point to Point Rate Application
PS Partial Load Tender, Shipper Consolidate
R1 Simulation of Single Shipment Less Release Units (U.S. Department of Defense)
R2 Simulation of Consolidation of Vans, Trailers, or Pallets (U.S. Department of Defense)
R3 Simulation of Consolidation of Packaging Containers (U.S. Department of Defense)
R4 Simulation of Multiple Level Consolidation (U.S. Department of Defense)
RD Deposit Reconciliation
RO Reassociation Report
RP Partial Account Reconciliation
RQ Simulation Single Shipment Release Unit (U.S. Department of Defense)
RR Range Reconciliation
RS Scale Rate Application
S1 Single Package Shipment Status
S2 Multiple Package Shipment Status
SI Single Shipment Invoice
SL Shipper's Letter of Instruction
Used by a shipper to inform recipient of documentation requirements (completion, preparation, and distribution of paperwork) required for the movement of goods
SP Multiple Shipment Invoice
SS Single Shipment Status
T1 Single Shipment Less Release Units (U.S. Department of Defense)
T2 Consolidation of Vans, Trailers, or Pallets (U.S. Department of Defense)
T3 Consolidation of Packaging Containers (U.S. Department of Defense)
T4 Multiple Level Consolidation (U.S. Department of Defense)
TF Trailer Forecast
TG Government Guaranteed Traffic Tender
TM Trailer Manifest
TQ Single Shipment Release Unit (U.S. Department of Defense)
ZZ Mutually Defined

347 - Hash Total

Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. 18E2 Fifth occurrence of value being hashed. -------- 1873 Hash Total

TYPE=**R** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

CTT

TRANSACTION SETS USED IN

202 205 500 561 568 810 811 819 828 830 832 840 843 844 845 846 847 849 850 851 852 853 855 856 860 861 862 865 866 867 869 870 897

348 - Jurisdiction Code

Code indicating the jurisdiction of the regional servicing office TYPE=**ID** MIN=**3** MAX=**3**

Code Sources

233

SEGMENTS USED IN (AS SIMPLE)

MIS

TRANSACTION SETS USED IN

264

349 - Item Description Type Code

Code indicating the format of a description TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

B11 PID PKG SD1 TPD UCS

TRANSACTION SETS USED IN

100 124 140 142 143 148 154 180 185 186 187 196 197 213 215 244 251 266 267 268 271 272 275 283
500 503 536 561 625 754 806 810 811 818 819 820 830 832 836 838 840 841 842 843 844 845 846 847
848 849 850 851 855 856 857 860 861 862 863 865 866 867 869 870 878 888 897

CODE	DEFINITION & EXPLANATION
A	Alternate
F	Free-form
S	Structured (From Industry Code List)
X	Semi-structured (Code and Text)

350 - Assigned Identification

Alphanumeric characters assigned for differentiation within a transaction set

TYPE=**AN** MIN=**1** MAX=**20**

COMPOSITE DATA STRUCTURES USED IN

C060 C073

SEGMENTS USED IN (AS COMPONENT)

DRA WIN

SEGMENTS USED IN (AS SIMPLE)

ALG CBS CDD CLI COM E40 FGS FRM FU1 FX3 ING IT1 LCD LIN LS1 NCA NCD NUT PAD PDD PO1 PO4 PO5 PO8 POC PRF PRR R13 RCD REP SCH SLN SN1 SR TCD TSD TSP TXI UPI USD

TRANSACTION SETS USED IN

100 101 105 111 112 124 132 133 138 140 142 143 148 149 150 151 154 155 176 180 187 189 194 195 196 197 199 201 212 215 216 219 220 244 250 251 252 255 263 267 268 271 272 273 278 283 284 304 325 412 453 500 503 511 527 536 561 650 754 805 810 811 812 813 814 818 820 823 826 830 832 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 855 856 857 860 861 862 863 865 866 867 868 869 870 873 874 875 876 877 881 883 887 888 890 892 894 895 897 940

351 - Terms Discount Days Due

Number of days in the terms discount period by which payment is due if terms discount is earned

TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

G23 ITD PYT

TRANSACTION SETS USED IN

110 140 155 210 304 561 810 811 812 819 830 832 836 838 840 843 845 850 855 857 858 859 860 865 875 876 880 882 888 889 894 895

352 - Description

A free-form description to clarify the related data elements and their content

TYPE=**AN** MIN=**1** MAX=**80**

COMPOSITE DATA STRUCTURES USED IN

C003 C007

SEGMENTS USED IN (AS COMPONENT)

AWD ASO DRA EB EQ SV1 SV2 SV3 SV4 SV5 SV6 SVC SVD

SEGMENTS USED IN (AS SIMPLE)

ACS ACT ADJ AIN ALG AOL AP1 ATN ATR B11 BBC BCP BCS BCT BMA BMG BPP BSD CDA CDI CDS CED CER CFT CID CIV CPI CPL CR1 CR2 CR3 CR4 CR5 CTB CTH CTT DDI DEG DET DLV DMA DN1 DOS DRA E10 E20 E30 E34 E41 ECS EDF EMP EMS EMT EXI F09 FDA FOB FOS FST FU2 FU3 FU4 FU5 FX2 FX3 FX4 FX5 FX6 FX7 G15 G2 G32 G43 G46 G63 G72 G95 GRI HLH HPL HSD ICH INV ITA ITC ITD ITS K2 L11 L12 LCT LFG LID LIE LOC LRQ LSC LT LTE LUI M7A MI MIT MLS MPI MSS NCA NCD NTE PAL PCL PCS PD PID PKG PL PO3 PO7 PPL PPY PRR PRS PSC PSD PSG PTS PYD Q8 R13 RC RDI RDR RED REF REN REP RES RLD RMT RP RQS RRE RSC RST S5 SAC SD1 SEF SER SPR SPY SRE SSS SV3 SV4 TA TAR TBP TD4 TID TLN TMD TPD TS TXI UCS UD UDA VAT

TRANSACTION SETS USED IN

100 101 102 103 104 105 106 110 111 112 113 120 121 124 130 131 132 133 135 138 140 141 142 143 144 146 147 148 149 151 152 153 154 155 157 158 159 163 170 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 224 225 227 228 240 242 244 245 248 249 250 251 252 255 256 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 304 309 310 311 312 350 353 355 358 359 362 404 410 412 414 417 418 421 422 424 426 429 431 452 460 463 466 468 470 486 490 494 500 501 503 504 511 521 527 536 540 561 567 568 601 620 625 650 715 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822 823 824 826 827 828 829 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 872 873 874 875 876 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 920 940 943 944 945 947 990

353 - Transaction Set Purpose Code

Code identifying purpose of transaction set

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

B2A B9 BAA BAK BAX BC BCA BCD BCH BCM BCO BCP BCQ BCS BCT BEG BFR BGN BGP BHT BIA BIG BIX BJF
BLS BMA BMG BMM BMS BNR BPA BPP BPT BQR BQT BR BRA BRC BRR BSC BSI BSN BSR BSS BTC BTI BTP BTR
BTS BVA BVB BVP BX CMA CPM CTC CTH EIA GH IS1 M10 OTI PUN SCN SMB SPI SSC VR W15 XQ

TRANSACTION SETS USED IN

100 101 103 105 106 107 108 111 112 113 120 124 125 126 127 129 130 131 132 133 135 138 139 140
141 142 143 144 146 147 148 149 150 151 152 153 154 155 157 158 159 160 161 163 175 176 179 180
185 186 187 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 211 212 216 219 220
222 223 228 240 242 244 245 248 249 250 251 252 255 256 259 260 261 262 263 264 265 266 267 268
269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 304 309 310 311 350 352 353
354 355 356 357 358 359 362 404 414 417 418 421 422 423 426 431 432 433 434 437 452 453 455 456
470 475 490 500 501 503 504 511 517 521 527 536 540 561 567 568 603 620 625 650 715 753 754 805
806 810 811 812 813 814 816 818 821 822 824 826 830 831 832 833 834 836 837 838 839 840 841 842
843 844 845 846 847 848 849 850 851 852 853 855 856 857 858 860 861 862 863 864 865 866 867 869
870 872 873 874 877 881 883 887 888 890 891 892 893 897 928 947

CODE	DEFINITION & EXPLANATION
00	Original
01	Cancellation
02	Add
03	Delete
04	Change
05	Replace
06	Confirmation
07	Duplicate
08	Status
10	Not Found
11	Response
12	Not Processed
13	Request
14	Advance Notification
15	Re-Submission
16	Proposed
17	Cancel, to be Reissued
18	Reissue
19	Seller initiated change
20	Final Transmission
21	Transaction on Hold
22	Information Copy
24	Draft
25	Incremental

26 Replace - Specified Buyers Parts Only
27 Verify
28 Query
30 Renewal
31 Allowance/Addition
32 Recovery/Deduction
33 Request for Payment
34 Payment Declined
35 Request Authority
36 Authority to Deduct (Reply)
37 Authority Declined (Reply)
38 No Financial Value
39 Response to Proposed Trip Plan
40 Commitment Advice
41 Corrected and Verified
42 Temporary Record
Preliminary data that will be replaced with permanent information once verification of accuracy and completeness has been performed
43 Request Permission to Service
44 Rejection
45 Follow-up
A second or subsequent transmission of the transaction set when an expected response has not yet been received
46 Cancellation with Refund
47 Transfer
48 Suspended
49 Original - No Response Necessary
50 Register
To provide such trading partner profile information as may be necessary to request registration as a trading partner in a system (e.g., be authorized to render quotes to the government)
51 Historical Inquiry
52 Response to Historical Inquiry
53 Completion
54 Approval
55 Excavation
56 Expiration Notification
57 Initial
5C Chargeable Resubmission
77 Simulation Exercise
CN Completion Notification
Signifies that the order is complete and the information contained within is final for the service request purchase order
CO Corrected

DA Delegate to Alternative
Used by the currently responsible support point to delegate "ownership" of a Product Quality Deficiency Report (PQDR) to an alternate support point

DE DEMIL Identification Code
Used to indicate Demilitarization (DEMIL) Identification Code

DJ DEMIL Justification
Used to indicate Demilitarization (DEMIL) Justification

DT Demand Transaction
Used to indicate Demand Transaction

ED Exhibit Disposition
Used by the receiver of the transaction to indicate compliance with instructions for exhibit disposition confirmation

ER Exhibit Receipt
Used by the receiver of the transaction to indicate an exhibit receipt

EX Final Loading Configuration

FA Forward to Action Point
Used by the initial screening point to forward the Product Quality Deficiency Report (PQDR) from the screening point to an action point; i.e., assign a PQDR to an Action Point

FC Forward to Contractor
Used by the initial screening point to forward ownership of a Product Quality Deficiency Report (PQDR) to a contractor

FS Forward to Support Point
Used by an action point to forward ownership of a Product Quality Deficiency Report (PQDR) to a support point; i.e., assigns ownership of a PQDR to a support point

GR Granted

MD Materiel Disposition
Used by a support point or action point after the investigation has been completed to provide materiel disposition

PR Proposed Loading Configuration

RH Release Hold

RO Re-open
Product Quality Deficiency Report (PQDR) has been re-opened by the system sending the transaction, and needs to be re-opened in the receiving system. Typically used when a PQDR is re-opened by a screening point in one system and needs to be opened in another system. Also, treated as a request to re-open a PQDR when sent by an originator, action point, or support point to a screening point

RP Reply
Used to identify that the transaction is a reply transaction

RR Reply Rebuttal
Used to provide a reply rebuttal to a previously received final reply

RV Revised Loading Configuration

SB Scan Based Trading

SU Status Update

ZZ Mutually Defined

354 - Number of Line Items

Total number of line items in the transaction set TYPE=**N0** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

CTT GH R12

TRANSACTION SETS USED IN

202 205 412 490 500 561 568 810 811 819 828 830 832 840 843 844 845 846 847 849 850 851 852 853 855 856 860 861 862 865 866 867 869 870 897

355 - Unit or Basis for Measurement Code

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

TYPE=**ID** MIN=**2** MAX=**2**

COMPOSITE DATA STRUCTURES USED IN

C001 C066 C081

SEGMENTS USED IN (AS COMPONENT)

BCS ATV ATR CBS CFT CRT CSF CSS CST CSU CTB CTI CTP EA FAA GDP III INC JID K3 LOC LTR MEA MIC MIR N12 NCA OPS PAM PD PDE PEX PL POC PRC PSC PSD PTF QTY RCD REA REC RLT RPA SII SIN SLN SPS STA TIA TRD TRF TRP TRT UCS UIT UPI USD

SEGMENTS USED IN (AS SIMPLE)

ACK AIN AT5 ATN B11 BCT BLI CDD CHI CLD CR1 CR2 CR3 CR4 CS CTT DAY DLP DRA F09 FQR FU1 FU2 FU3 FU4 FX7 G05 G12 G13 G17 G18 G19 G20 G26 G29 G31 G39 G40 G45 G46 G51 G54 G55 G68 G70 G72 G76 G83 G89 G93 G95 GR5 H1 HCP HSD ID1 ID3 ISS IT1 IT3 ITA L13 LC1 LFH LH1 LH2 LH4 MS6 NF2 NF3 NF4 NF5 NF6 NF7 NF8 NFC PAI PAL PAT PKL PO1 PO3 PO4 PO5 PO6 PO7 PO8 PS R13 S5 SAC SCH SDQ SHD SLS SLV SN1 SV1 SV2 SV5 TD1 TD3 UDA UPI V2 VAT W01 W03 W04 W07 W09 W10 W12 W13 W18 W19 W20 W76 X1 ZA

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 111 112 113 124 130 131 132 133 135 138 139 140 141 142 143 148 149 150 151 152 153 154 155 159 160 163 175 176 179 180 185 186 187 188 189 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 219 220 222 223 228 242 245 248 249 250 251 252 255 256 259 260 261 262 263 264 265 266 267 268 270 271 272 273 274 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310 311 312 317 322 324 325 353 355 358 362 404 410 412 417 418 421 422 423 424 426 432 435 436 470 500 501 503 511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 754 805 806 810 811 812 813 814 816 819 820 821 822 823 824 826 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 855 856 857 858 859 860 861 862 863 865 866 867 868 869 870 872 873 874 875 876 878 879 880 881 882 883 884 885 886 887 888 889 890 892 893 894 895 896 897 920 940 943 944 945 947 996

CODE	DEFINITION & EXPLANATION
01	Actual Pounds
02	Statute Mile
03	Seconds
04	Small Spray
05	Lifts
06	Digits *Expresses a value using total number of digits, e.g., 6 digits*
07	Strand
08	Heat Lots
09	Tire
10	Group
11	Outfit
12	Packet
13	Ration
14	Shot
15	Stick

16 115 Kilogram Drum
A cylindrical container whose contents weigh 115 kilograms when full

17 100 Pound Drum
A cylindrical container whose contents weigh 100 pounds when full

18 55 Gallon Drum
A cylindrical container whose volume is equal to 55 gallons

19 Tank Truck
A liquid-carrying highway vehicle whose volume is variable according to the customer's needs and which is used as a measure of goods ordered, sold, and delivered; differs from a tankcar which transports liquids by rail

1A Car Mile
One freight car moving one mile

1B Car Count
The number of freight cars moving over a specified track

1C Locomotive Count
The number of locomotives moved over a specified track

1D Caboose Count
The number of cabooses moved over a specified track

1E Empty Car
Unloaded or empty cars moving over a specified track

1F Train Mile
The first locomotive in a train moving one mile

1G Fuel Usage (Gallons)
The number of gallons of diesel fuel used to move a train or all trains over specified trackage

1H Caboose Mile
One caboose moving one mile

1I Fixed Rate
Indicates a predetermined or set rate for usage of a facility

1J Ton Miles
Tons of freight multiplied by the number of times moved; includes non-revenue freight such as material used to maintain trackage and right-of-way

1K Locomotive Mile
One locomotive moving one mile

1L Total Car Count
The sum of cars, locomotives, and cabooses moving over a specified track; the conversion rate for locomotives and cabooses is set by contract

1M Total Car Mile
The sum of car miles, locomotive miles, and caboose miles moved over a specified track; the conversion rate for locomotives and cabooses is set by contract

1N Count

1O Season

1P Tank Car

1Q Frames

1R Transactions

1S Millimole
Millimole is 1/1000 part of a mole (measure of the concentration of a solute)

1T Terabecquerel

1U Dose

1V Slab
A large thickpiece of stone, concrete, wood or similar material, typically rectangular

1X Quarter Mile

1Z Base Unit

20 20 Foot Container
A sea-land rectangular container box whose capacity is defined by its longest dimension and by which product shipments are measured and billed.

21 40 Foot Container
A sea-land rectangular container box whose capacity is defined by its longest dimension and by which product shipments are measured and billed

22 Deciliter per Gram
Represents viscosity, Cuene intrinsic viscosity, and limit intrinsic viscosity

23 Grams per Cubic Centimeter
Represents product density

24 Theoretical Pounds

25 Grams per Square Centimeter
Represents product basis weight

26 Actual Tons

27 Theoretical Tons

28 Kilograms per Square Meter
Represents product basis weight

29 Pounds per 1000 Square Feet
Represents product basis weight

2A Radians Per Second
Measure of angular velocity

2B Radians Per Second Squared
Measure of angular acceleration

2C Roentgen
Unit of X-radiation or gamma radiation equal to the amount of radiation that produces in one cubic centimeter of dry air at 0 degrees Celsius and standard atmospheric pressure ionization of either sign equal to one electrostatic unit of charge

2D Ship Set

2F Volts Per Meter
Measure of electrical field strength

2G Volts (Alternating Current)
Measure of electrical potential

2H Volts (Direct Current)
Measure of electrical potential

2I British Thermal Units (BTUs) Per Hour
British thermal units per hour

2J Cubic Centimeters Per Second
Rate of flow

2K Cubic Feet Per Hour
Rate of flow

2L Cubic Feet Per Minute
Rate of flow

2M Centimeters Per Second
Rate of speed

2N Decibels
A unit for expressing the relative intensity of sounds on a scale of 0 for the least perceptible sound to about 130 for the average pain level

2P Kilobyte
Unit of computer storage capacity equal to 1000 bytes

2Q Kilobecquerel
Unit of radiation

2R Kilocurie
Unit of radiation

2U Megagram
Unit of mass

2V Megagrams Per Hour

2W Bin
Storage container used as a unit of measurement

2X Meters Per Minute
Measure of linear speed

2Y Milliroentgen
Unit of radiation

2Z Millivolts
Unit of electrical potential

30 Horsepower Days per Air Dry Metric Tons
Represents the energy requirements for processing a product

31 Catchweight

32 Kilograms per Air Dry Metric Tons
Represents chemical addition rate during product manufacture or chemical addition within the finished product

33 Kilopascal Square Meters per Gram
Represents burst index measurement for pulp products

34 Kilopascals per Millimeter
Represents hardness index of pulp products

35 Milliliters per Square Centimeter Second
Represents porosity of a sheet of material

36 Cubic Feet per Minute per Square Foot
Represents porosity of a sheet of material

37 Ounces per Square Foot
Represents sheet weight

38 Ounces per Square Foot per 0.01 Inch
Represents sheet density

39 Basis Points

3A Degrees Lovibond

3B Megajoule
Unit of energy or heat

3C Manmonth
Measure of workoutput by a single person during a typical workmonth

3D Pieces per 100 Grams

3E Pounds Per Pound of Product
3F Kilograms Per Liter of Product
3G Pounds Per Piece of Product
3H Kilograms Per Kilogram of Product
3I Kilograms Per Piece of Product
3J Pieces per 10 Pounds
3K Proof
3L Scoville Units
3M Water Activity
3Z Terabytes
40 Milliliter per Second
Represents rate of absorbency
41 Milliliter per Minute
Represents rate of absorbency
42 Centesimal Hahnemannian Dilution (CH)
Centesimal Hahnemannian Scale Attenuation - One milliliter (1.0 ml) of the first centesimal liquid attenuation (1C), or one gram (1.0 g) of the first centesimal trituration (1C) represents 0.01 gram (10.0 mg) of the dry crude medicinal substance
43 Super Bulk Bag
A cloth, plastic, or paper-based bag having the dimensions of the pallet on which it is constructed and varying in height according to the weight and density of product contained; typically transports dry, loose materials in bulkform
44 500 Kilogram Bulk Bag
A flexible container for bulkgoods whose contents weigh 500 kilograms when full
45 300 Kilogram Bulk Bag
A flexible container for bulkgoods whose contents weigh 300 kilograms when full
46 25 Kilogram Bulk Bag
A flexible container for bulkgoods whose contents weigh 25 kilograms when full
47 50 Pound Bag
A flexible container whose contents weigh 50 pounds when full
48 Bulk Car Load
A fully loaded rail car containing dry bulkloose materials
49 Decimal Hahnemannian Dilution (DH)
Decimal Scale of Attenuation - One gram (1.0 g) of tincture, one milliliter of 1X aqueous solution, or one gram (1.0 g) of 1X trituration represents 0.10 gram of dry crude medicinal substance
4A Bobbin
A cylinder or spindle on which yarn or thread is wound
4B Cap
Designates that the cap of a container is manufactured to dimensions that enable it to be used as a measuring device when mixing the contents of the container with another substance
4C Centistokes
*1 * 10/-6 square meters/second*
4D Curie
*A unit of radioactivity equal to 3.7 * 10/10 disintegrations per second*

4E 20-Pack
Packcontaining 20 units

4F 100-Pack
Packcontaining 100 units

4G Microliter
1/1,000,000 liter

4I Meters Per Second
Measure of linear speed

4J Meters Per Second Per Second
Measure of acceleration

4K Milliamperes
Unit of electrical current

4L Megabyte
Unit of computer storage capacity

4M Milligrams Per Hour
Unit of flow

4N Megabecquerel
Unit of radiation

4O Microfarad
Unit of electrical capacitance

4P Newtons Per Meter
Unit of measure for surface tension

4Q Ounce Inch
Unit of torque

4R Ounce Foot
Unit of torque

4S Pascal
Unit of pressure

4T Picofarad
Unit of electrical capacitance

4U Pounds Per Hour
Rate of flow

4V Cubic Meter Per Hour
Rate of flow

4W Ton Per Hour
Rate of flow

4X Kiloliter Per Hour
Rate of flow

50 Actual Kilograms

51 Actual Tonnes

52 Credits

53 Theoretical Kilograms

54 Theoretical Tonnes

55 Korsakovian (K)
Centesimal Korsakovian Scale of Attenuation - One milliliter (1.0 ml) of the first centesimal liquid attenuation (1C), or one gram (1.0 g) of the first centesimal trituration (1C). represents 0.01 gram (10.0 mg) of the dry crude medicinal substance

56 Sitas

57 Mesh
Linear measurement of the open area of screen, net, weave, or similarly constructed item

58 Net Kilograms

59 Parts Per Million

5A Barrels per Minute
The number of 42 gallon barrels pumped or mixed in a time period of one minute

5B Batch
The quantity of material produced at one operation

5C Gallons per Thousand
The number of gallons of a component material used per one thousand gallons of a process made

5D Proof Gallons

5E MMSCF/Day
One million standard cubic feet of gas per day

5F Pounds per Thousand
The number of pounds of solid material used in each 1000 gallons of fluid, mixed or pumped

5G Pump
The number of pumps used on a specific job

5H Stage
A period or step in a process or development

5I Standard Cubic Foot
One cubic foot of gas measured at a fixed temperature and pressure; the value used for the temperature and pressure varies depending on the type of gas being measured

5J Hydraulic Horse Power
A calculated measure of Horse Power using the formula rate (barrels per minute) times pressure (pounds per square inch) divided by 40.8

5K Count per Minute

5P Seismic Level

5Q Seismic Line

60 Percent Weight

61 Parts Per Billion

62 Percent Per 1000 Hours

63 Failure Rate In Time

64 Pounds Per Square Inch Gauge

65 Coulomb
Unit of charge

66 Oersteds

67 Siemens
Unit of admittance

68 Ampere

69 Test Specific Scale

6A Milliampere-hour (mAh)
A unit of measurement commonly used to describe the energy charge that a battery can hold and how long a device will run before the battery's charge is depleted.

70 Volt

71 Volt-Ampere Per Pound
72 Watts Per Pound
73 Ampere Turn Per Centimeter
74 Milli Pascals
75 Fifty Millesimal (LM)
Fifty Millesimal Scale of Attenuation - One milliliter (1.0 ml) of the first fifty millesimal attenuation
76 Gauss
77 Mil
78 Kilogauss
79 Electron Volt
7A Landings
Landing events an aircraft has completed.
7C Flight Hours
80 Pounds Per Square Inch Absolute
81 Henry
Unit of inductance
82 Ohm
Unit of resistance
83 Farad
Unit of capacitance
84 Kilo Pounds Per Square Inch (KSI)
85 Foot Pounds
86 Joules
87 Pounds per Cubic Foot
89 Poise
8C Cord
8D Duty
8P Project
8R Program
8S Session
8U Square Kilometer
90 Saybold Universal Second
A measure of kinematic viscosity, usually of oil
91 Stokes
92 Calories per Cubic Centimeter
93 Calories per Gram
94 Curl Units
95 20,000 Gallon Tankcar
A 20,000 gallon liquid capacity enclosed rail car
96 10,000 Gallon Tankcar
A 10,000 gallon liquid capacity enclosed rail car
97 10 Kilogram Drum
A cylindrical container whose contents weigh 10 kilograms when full

98 15 Kilogram Drum
A cylindrical container whose contents weigh 15 kilograms when full

99 Watt

9A Apothecary Pound

9B Briquet

9F Fold
The number of folds as a measure of overlays

9O Apothecary Ounce

9P Pillow
The number of pillows issued to a medical facility per hospital bed

9S Seat

9Y Family Unit

9Z United States Pharmacopoeia (USP) Unit
A unit used in the United States to measure the mass of a vitamin or drug based on its expected biological effects

A1 Absorbance

A2 Bloom Units

A3 Brabender Units

A4 Count per Ounce

A5 Count per Pound

A6 Count per Pouch

A7 Milligrams per Gram

A8 Dollars per Hours
A rate expressed in dollars per hour to be charged for each hour worked

A9 Millipoises

AA Ball

AB Bulk Pack

AC Acre

AD Bytes
A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit

AE Amperes per Meter

AF Centigram
A unit of metric weight equal to 0.01 gram or 0.000035 ounce

AG Angstrom

AH Additional Minutes
The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service

AI Average Minutes Per Call
The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details

AJ Cop
A cylindrical or conical mass of thread, yarn, or cable on a quill or a tube

AK Fathom
A unit of length equal to 6.0 feet or 1.829 meters

AL Access Lines
Number of lines subject to Carrier Access Line Charges

AM Ampoule

AN Minutes or Messages
Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for the calculation of charges

AO Ampere-turn

AP Aluminum Pounds Only

AQ Anti-hemophilic Factor (AHF) Units
Intravenous administering of blood products that have been tested for potency against the U.S. medical unit of measure

AR Suppository

AS Assortment

AT Atmosphere
Equal to the pressure of the air at sea level, or approximately 14.7 pounds per square inch

AU Ocular Insert System
A drug delivery system which is placed in the lower conjunctival formix from which the drug diffuses through a membrane at a constant rate over a seven-day period

AV Capsule
A compact metallic or plastic container for liquids or solids

AW Powder-Filled Vials
Standard unit of intravenous blood product that has to be reconstituted with a liquid before being administered

AX Twenty
20 each of an item of supply

AY Assembly

AZ British Thermal Units (BTUs) per Pound

B0 British Thermal Units (BTUs) per Cubic Foot

B1 Barrels per Day

B2 Bunks

B3 Batting Pound

B4 Barrel, Imperial

B5 Billet

B6 Bun

B7 Cycles

B8 Board

B9 Batt

BA Bale

BB Base Box

BC Bucket

BD Bundle

BE Beam

BF Board Feet

BG Bag

BH Brush

BI Bar
A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter
BJ Band
BK Book
BL Block
BM Bolt
BN Bulk
BO Bottle
BP 100 Board Feet
BQ Brake horse power
The horsepower made available by an engine or turbine for driving machinery other then itself
BR Barrel
BS Basket
BT Belt
BU Bushel
32 dry quarts
BV Bushel, Dry Imperial
BW Base Weight
BX Box
BY British Thermal Unit (BTU)
BZ Million BTUs/Dekatherm
C0 Calls
Number of calls handled
C1 Composite Product Pounds (Total Weight)
C2 Carset
C3 Centiliter
C4 Carload
C5 Cost
C6 Cell
C7 Centipoise (CPS)
C8 Cubic Decimeter
C9 Coil Group
CA Case
CB Carboy
CC Cubic Centimeter
CD Carat
CE Centigrade, Celsius
CF Cubic Feet
CG Card
CH Container
CI Cubic Inches
CJ Cone

CK Connector
CL Cylinder
CM Centimeter
CN Can
CO Cubic Meters (Net)
CP Crate
CQ Cartridge
CR Cubic Meter
CS Cassette
CT Carton
CU Cup
CV Cover
CW Hundred Pounds (CWT)
CX Coil
CY Cubic Yard
CZ Combo
D0 Mexican Peso
D1 Dollars, Canadian
D2 Shares
D3 Square Decimeter
Metric unit of area
D4 Degrees Brix
D5 Kilogram Per Square Centimeter
Unit of pressure
D6 Degrees Lintner
D8 Draize Score
D9 Dyne per Square Centimeter
DA Days
DB Dry Pounds
DC Disk (Disc)
DD Degree
DE Deal
DF Dram
DG Decigram
DH Miles
DI Dispenser
DJ Decagram
DK Kilometers
DL Deciliter
DM Decimeter
DN Deci Newton-Meter
One tenth of a Newton-meter, representing torque. A Newton-meter represents force times distance
DO Dollars, U.S.

DP Dozen Pair

DQ Data Records
Number of Data Records handled

DR Drum

DS Display

DT Dry Ton

DU Dyne
The unit of force in the cgs system equal to the force that would give a free mass of one gram an acceleration of one centimeter per second

DV Display Shipper
A display shipper is a self-contained unit shipped from the supplier to the retailer and used directly to feature products for sale.

DW Calendar Days

DX Dynes per Centimeter
Unit of surface tension

DY Directory Books
Number of directory books delivered to customer

DZ Dozen

E1 Hectometer
A unit of metric length equal to 109.36 yards or 0.062 mile

E2 Daily Value (DV)

E3 Inches, Fraction--Average

E4 Inches, Fraction--Minimum

E5 Inches, Fraction--Actual

E7 Inches, Decimal--Average

E8 Inches, Decimal--Actual

E9 English, (Feet, Inches)

EA Each

EB Electronic Mail Boxes
Number of Electronic Mail Boxes established for an account

EC Each per Month

ED Inches, Decimal--Nominal

EE Employees

EF Inches, Fraction-Nominal

EG Double-time Hours

EH Knots

EJ Locations

EK Mixed Module

EL Multipack

EM Inches, Decimal-Minimum

EP Eleven pack

EQ Equivalent Gallons
Represents number of gallons that syrup and concentrate make of product

ES Prepack Assortment

ET Order

EV Envelope
EX Feet, Inches and Fraction
EY Feet, Inches and Decimal
EZ Feet and Decimal
F0 International Units per Gram
F1 Thousand Cubic Feet Per Day
The unit of measure of the rate of production of a gas
F2 International Unit
A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin
F3 Equivalent
Weight of a substance which combines with or replaces one gram atomic weight of hydrogen
F4 Minim
An apothecary's fluid measure; 60 minims = 1 fluid gram (approx. 5 cc)
F5 MOL
Gram-molecular weight of a gas
F6 Price Per Share
F9 Fibers per Cubic Centimeter of Air
FA Fahrenheit
FB Fields
FC Blister Pak
FD Million Particles per Cubic Foot
FE Track Foot
Represents rails, all ties and fittings, and subgrade
FF Hundred Cubic Meters
A unit of metric volume equal to 131.0 cubic yards
FG Transdermal Patch
A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin
FH Micromolar
One millionth of a mole; a mole is a standard chemical unit
FJ Sizing Factor
FK Fibers
FL Flake Ton
FM Million Cubic Feet
FN Clamshell Package
FO Fluid Ounce
FP Pounds per Sq. Ft.
FR Feet Per Minute
Measure of linear speed
FS Feet Per Second
Measure of linear speed
FT Foot
FU Furlong
A unit of distance equal to 220 yards (about 201 meters)

FV Grams per 100 Cubic Inches

FZ Fluid Ounce (Imperial)
A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters

G1 Gallons Capacity

G2 U.S. Gallons Per Minute
Rate of flow

G3 Imperial Gallons Per Minute
Rate of flow

G4 Gigabecquerel
Unit of radiation equal to 27 millicuries

G5 Gill (Imperial)
A unit of liquid or dry measure equal to 5 fluid ounces, 8.669 cubic inches, or 142.066 cubic centimeters

G6 Bit

G7 Microfiche Sheet
A film that contains photographed documents greatly reduced in size

G8 Gigacalories

G9 Gigabyte

GA Gallon

GB Gallons/Day

GC Grams per 100 Grams

GD Gross Barrels

GE Pounds per Gallon

GF Grams per 100 Centimeters

GG Great Gross (Dozen Gross)

GH Half Gallon

GI Imperial Gallons

GJ Grams per Milliliter

GK Grams per Kilogram

GL Grams per Liter

GM Grams per Sq. Meter

GN Gross Gallons

GO Milligrams per Square Meter

GP Milligrams per Cubic Meter

GQ Micrograms per Cubic Meter

GR Gram

GS Gross

GT Gross Kilogram
Represents kilograms of product and package or container

GU Gauss per Oersteds

GV Gigajoules
One billion joules; standard method of expressing absolute heating value of natural gas regardless of volume in the Canadian oil and gas industries

GW Gallons Per Thousand Cubic Feet

GX Grain
A small unit of weight equal to 1/480 (.002083) troy ounce, or 0.0648 gram

GY Gross Yard

GZ Gage Systems

H1 Half Pages - Electronic
Number of electronic half pages of data delivered

H2 Half Liter
Unit of capacity equal to 1/2 liter

H3 18-Pack

H4 Hectoliter
Metric measure for 100 liters

H5 22-Pack

H6 30-Pack

H7 38-Pack

H8 62-Pack

H9 75-Pack

HA Hank
One hundred feet of rope

HB Hundred Boxes

HC Hundred Count

HD Half Dozen

HE Hundredth of a Carat

HF Hundred Feet

HG Hectogram

HH Hundred Cubic Feet

HI Hundred Sheets

HJ Horsepower

HK Hundred Kilograms

HL Hundred Feet - Linear

HM Miles Per Hour

HN Millimeters of Mercury

HO Hundred Troy Ounces

HP Millimeter H20
Unit of pressure

HQ Hectare

HR Hours

HS Hundred Square Feet

HT Half Hour

HU Hundred

HV Hundred Weight (Short)

HW Hundred Weight (Long)

HX Hospital Beds
The number of hospital beds issued to a medical facility

HY Hundred Yards

HZ Hertz

I1 Persons, Capacity
Human occupant capacity

I2 Pellet
A small rounded or spherical globule/globoid of medicine

IA Inch Pound
Unit of torque

IB Inches Per Second (Vibration Velocity)
Measure of vibration velocity

IC Counts per Inch

IE Person

IF Inches of Water
The maximum differential pressure for which a given meter will measure accurately and is expressed in inches of water

IG Inner Package

IH Inhaler
Metered-dose pressurized method of getting medication into the lungs or nasal passages

II Column-Inches
A unit of area one column wide and one inch high

IK Peaks per Inch (PPI)

IL Inches per Minute

IM Impressions

IN Inch

IP Insurance Policy
An individual insurance contract

IS Stops

IT Counts per Centimeter

IU Inches Per Second (Linear Speed)
Measure of linear speed

IV Inches Per Second Per Second (Acceleration)
Measure of acceleration

IW Inches Per Second Per Second (Vibration Acceleration)
Measure of vibration acceleration

J1 80-Pack

J2 Joule Per Kilogram
Measure of specific energy

J3 81-Pack

J4 82-Pack

J5 84-Pack

J6 85-Pack

J7 96-Pack

J8 5000-Pack

J9 Left Unit

JA Job

JB Jumbo

JC Caplet
To denote items in caplet form

JE Joule Per Kelvin
Measure of heat capacity

JG Joule per Gram
Joule is unit of energy and gram is unit of mass

JK Mega Joule per Kilogram
"Mega" means "millions" and "kilo" means "thousands"

JL Refill
Refers to the number of refill units in a package

JM Megajoule/Cubic Meter
A megajoule is one million joules; conventional measurements for expressing the heating value available in a given volume of gas

JN Pan
Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors

JO Joint

JP Prepack
To indicate this is "n" assortment product with different UPC codes on it

JR Jar

JS Use
Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)

JT Tin
Refers to giftware products in a tin

JU Jug

JV Ovule
Refers to products which come in "ovule" form

JX Exposure
To be used to indicate the number of exposures on a roll of film

K0 Kilovolt Potential
Refers to the intensity of the radiographic beam and the resulting image on the film.

K1 Kilowatt Demand
Represents potential power load measured at predetermined intervals

K2 Kilovolt Amperes Reactive Demand
Reactive power that must be supplied for specific types of customer's equipment; billable when kilowatt demand usage meets or exceeds a defined parameter

K3 Kilovolt Amperes Reactive Hour
Represents actual electricity equivalent to kilowatt hours; billable when usage meets or exceeds defined parameters

K4 Kilovolt Amperes
Measure of electrical power

K5 Kilovolt Amperes Reactive
Measure of electrical power

K6 Kiloliter
One thousand liters

K7 Kilowatt
Measure of electrical power

K8 Kilovolt

K9 Kilograms per Millimeter Squared (KG/MM2)

KA Cake

KB Kilocharacters
Kilocharacters of data transmitted

KC Kilograms per Cubic Meter

KD Kilograms Decimal

KE Keg
A unit of weight equal to 100 pounds, used for nails

KF Kilopackets
Kilopackets of data transmitted

KG Kilogram

KH Kilowatt Hour

KI Kilograms/Millimeter Width

KJ Kilosegments
Kilosegments of data transmitted

KK 100 Kilograms

KL Kilograms/Meter

KM Kilograms per Square Meter, Kilograms, Decimal

KN Kilocalorie

KO Millequivalence Caustic Potash per Gram of Product
Acid number and saponification number test results have a unit of measure of Millequivalence KOH per Gram

KP Kilometers Per Hour

KQ Kilopascal
Represents pressure

KR Kiloroentgen
Measure of radiation

KT Kit

KU Task

KV Kelvin

KW Kilograms per Millimeter

KX Milliliters per Kilogram

L1 Right Unit

L2 Liters Per Minute
Measure of the rate of flow

L5 Liters at 15 Degrees Celsius

LA Pounds Per Cubic Inch

LB Pound

LC Linear Centimeter

LE Lite

LF Linear Foot

LG Long Ton
2240 pounds as used in the U.K.

LH Labor Hours

LI Linear Inch

LJ Large Spray

LK Link
LL Lifetime
A duration ending with the death of the individual
LM Linear Meter
LN Length
LO Lot
LP Liquid Pounds
LQ Liters Per Day
Measure of liquid flow over a given time period
LR Layer(s)
LS Lump Sum
LT Liter
LU Order Line
LX Linear Yards Per Pound
LY Linear Yard
M0 Magnetic Tapes
Number of Magnetic Tapes delivered with data
M1 Milligrams per Liter
M2 Millimeter-Actual
M3 Mat
M4 Monetary Value
M5 Microcurie
M6 Millibar
M7 Micro Inch
M8 Mega Pascals
M9 Million British Thermal Units per One Thousand Cubic Feet
Represents conversion from a volume of gas to the heat value of the gas
MA Machine/Unit
MB Millimeter-Nominal
MC Microgram
MD Air Dry Metric Ton
ME Milligram
MF Milligram per Sq. Ft. per Side
MG Metric Gross Ton
MH Microns (Micrometers)
1/1,000,000 meter
MI Metric
MJ Minutes
MK Milligrams Per Square Inch
ML Milliliter
MM Millimeter
MN Metric Net Ton
MO Months
MP Metric Ton

MQ 1000 Meters
MR Meter
MS Square Millimeter
MT Metric Long Ton
MU Millicurie
MV Number of Mults
MW Metric Ton Kilograms
MX Mixed
MY Millimeter-Average
MZ Millimeter-minimum
N1 Pen Calories
Daily calories prescribed to be taken for parenteral/enteral therapy
N2 Number of Lines
N3 Print Point
A print point is approximately .0138"
N4 Pen Grams (Protein)
Grams of amino acids prescribed to be taken for parenteral/enteral therapy
N6 Megahertz
One million cycles per second
N7 Parts
N9 Cartridge Needle
Used with auto-injector units only, a disposable, filled cartridge that includes a needle
NA Milligrams per Kilogram
NB Barge
NC Car
ND Net Barrels
NE Net Liters
NF Messages
Number of Messages transmitted, or delivered
NG Net Gallons
NH Message Hours
Number of hours used, calculated at some rate basis such as Minutes/message carried
NI Net Imperial Gallons
NJ Number of Screens
Number of data screens handled, or transmitted
NK Nights
NL Load
NM Nautical Mile
NN Train
NQ Mho
The basic unit of electrical conductivity, having a unity value when one ampere of current flows through a conductor to which a one volt difference in electrical potential is applied
NR Micro Mho
The typical unit of electrical conductivity measurement - one millionth of a Mho

NS Short Ton
Two thousand pounds

NT Trailer

NU Newton-Meter
Unit of energy or torque

NV Vehicle

NW Newton
Represents force in the International Metric System (SI); equal to the force that produces an acceleration of 1 meter per second on a mass of 1 kilogram

NX Parts Per Thousand

NY Pounds Per Air-Dry Metric Ton
A measure of chemical addition rate during manufacture and product constituent analysis

NZ Thousand Gallons Per Day

O1 Cubic Millimeter
A metric measure of volume or capacity equal to a cube 1 millimeter on each edge

OA Panel

OB Outlet

OC Billboard

OG Apothecary Grain

ON Ounces per Square Yard

OP Two pack

OT Overtime Hours

OU Operating Unit
SEE CODE SOURCE 350

OZ Ounce - Av

P0 Pages - Electronic
Number of electronic pages of data delivered

P1 Percent

P2 Pounds per Foot

P3 Three pack

P4 Four-pack

P5 Five-pack

P6 Six pack

P7 Seven pack

P8 Eight-pack

P9 Nine pack

PA Pail

PB Pair Inches

PC Piece

PD Pad

PE Pounds Equivalent

PF Pallet (Lift)

PG Pounds Gross

PH Pack (PAK)

PI Pitch

PJ Pounds, Decimal - Pounds per Square Foot - Pound Gage
PK Package
PL Pallet/Unit Load
PM Pounds-Percentage
PN Pounds Net
PO Pounds per Inch of Length
PP Plate
PQ Pages per Inch
PR Pair
PS Pounds per Sq. Inch
PT Pint
PU Mass Pounds
PV Half Pint
PW Pounds per Inch of Width
PX Pint, Imperial
PY Peck, Dry U.S.
PZ Peck, Dry Imperial
Q1 Quarter (Time)
Q2 Pint U.S. Dry
Volume equal to 33.6003125 cubic inches
Q3 Meal
A group of food items packaged together for human consumption
Q4 Fifty
A unit of issue in which a group of 50 items are consolidated and measured as a single entity
Q5 Twenty-Five
A unit of issue in which a group of 25 items are consolidated and measured as a single entity
Q6 Thirty-Six
A unit of issue in which a group of 36 items are consolidated and measured as a single entity
Q7 Twenty-Four
A unit of issue in which a group of 24 items are consolidated and measured as a single entity
Q9 Five
A unit of issue in which a group of five items are consolidated and measured as a single entity
QA Pages - Facsimile
Number of FAX pages transmitted
QB Pages - Hardcopy
Number of printed pages delivered
QC Channel
QD Quarter Dozen
QE Photographs
QF Quarter
One of four divisions of a human body
QH Quarter Hours
Number of 15 minute increments of usage handled
QK Quarter Kilogram
A unit of metric weight equal to 250 grams

QR Quire
QS Quart, Dry U.S.
QT Quart
QU Quart, Imperial
R1 Pica
Approximately .166 inches measured from the top of the ascender (the upward stroke in a lowercase letter, such as "t") to the bottom of the descender (the downward stroke in a lowercase letter, such as "p"); twelve points equal one pica; six picas equal approximately one inch (.996)
R2 Becquerel
*Unit of radiation equal to 3.7 * 10/10 of a curie*
R3 Revolutions Per Minute
R4 Calorie
The amount of heat it takes to raise the temperature of one gram of water one degree Centigrade at a pressure of one atmosphere
R5 Thousands of Dollars
R6 Millions of Dollars
R7 Billions of Dollars
R8 Roentgen Equivalent in Man (REM)
R9 Thousand Cubic Meters
RA Rack
RB Radian
RC Rod (area) - 16.25 Square Yards
RD Rod (length) - 5.5 Yards
RE Reel
RG Ring
RH Running or Operating Hours
Measure of accumulated time of machine or piece of equipment has been running
RJ Retinol Activity Equivalents
RK Roll-Metric Measure
RL Roll
RM Ream
RN Ream-Metric Measure
RO Round
RP Pounds per Ream
RS Resets
Number of times a transmission is reset due to line drop, interrupt, etc.
RT Revenue Ton Miles
One ton of revenue-generating freight moving one mile
RU Run
RV Mixed Module
A "mixed mod" or "display ready pallet" that is not the normal 'term' for ordering.
RW Retinol Equivalents
A unit used for quantifying the vitamin A value of sources of vitamin A, including both preformed retinoids and precursor carotenoids. Examples include: One Retinol Equivalents is equivalent to 1 mcg of retinol, 6 mcg of Beta-carotene, or 12 mcg of other pro-vitamin A

carotenoids. One RE is equivalent to 0.3 International Units of retinol or 0.1 International Units of Beta-carotene.

RX Thousand Rounds
Number of a series of professional calls on hospital patients made by a doctor or nurse in thousands

S1 Semester

S2 Trimester

S3 Square Feet per Second

S4 Square Meters per Second

S5 Sixty-fourths of an Inch

S6 Sessions
Number of interactive sessions handled

S7 Storage Units
Number of storage increments used

S8 Standard Advertising Units (SAUs)
A predefined partition of advertising page consisting of column-inch multiples

S9 Slip Sheet
A cardboard platform used for holding product for storage or transportation

SA Sandwich

SB Square Mile

SC Square Centimeter

SD Solid Pounds

SE Section
640 acres or one square mile

SF Square Foot

SG Segment

SH Sheet

SI Square Inch

SJ Sack

SK Split Tanktruck

SL Sleeve

SM Square Meter

SN Square Rod

SO Spool

SP Shelf Package

SQ Square
A unit of measure for roofing materials equal to 100 square feet

SR Strip

SS Sheet-Metric Measure

ST Set

SU Single Unit

SV Skid

SW Skein

SX Shipment

SY Square Yard

SZ Syringe
Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery , or into a muscle

T0 Telecommunications Lines in Service
Snapshot sample of lines in service

T1 Thousand pounds gross

T2 Thousandths of an Inch

T3 Thousand Pieces

T4 Thousand Bags

T5 Thousand Casings

T6 Thousand Gallons

T7 Thousand Impressions

T8 Thousand Linear Inches

T9 Thousand Kilowatt Hours/Megawatt-Hour

TA Tenth Cubic Foot

TB Tube

TC Truckload

TD Therms

TE Tote

TF Ten Square Yards

TG Gross Ton

TH Thousand

TI Thousand Square Inches

TJ Thousand Sq. Centimeters

TK Tank

TL Thousand Feet (Linear)

TM Thousand Feet (Board)

TN Net Ton (2,000 LB).

TO Troy Ounce

TP Ten-pack

TQ Thousand Feet

TR Ten Square Feet

TS Thousand Square Feet

TT Thousand Linear Meters

TU Thousand Linear Yards

TV Thousand Kilograms

TW Thousand Sheets

TX Troy Pound

TY Tray

TZ Thousand Cubic Feet

U1 Treatments

U2 Tablet
A compressed or molded blockof solid material; a collection of sheet paper glued together at one edge

U3 Ten
10 each of an item of supply

U5 Two Hundred Fifty
250 each of an item of supply

U6 U.S Gallons at 60 Degrees Fahrenheit

UA Torr
Pressure

UB Telecommunications Lines in Service - Average
Average number of lines in service specific to equal access requirements

UC Telecommunications Ports
Number of networkaccess ports

UD Tenth Minutes
Number of 6 second increments of usage

UE Tenth Hours
Number of 6 minute increments of usage

UF Usage per Telecommunications Line - Average

UH Ten Thousand Yards

UL Unitless
Unit of Measure for properties or test results without units of measure

UM Million Units
Measure used to indicate large quantities in multiples of one million

UN Unit

UP Troche
A flat, round, tablet made of a medicinal substance

UQ Wafer
A light, thin, crisp, cake

UR Application
An action of putting something into material contact

US Dosage Form

UT Inhalation

UU Lozenge

UV Percent Topical Only
A measure of medication intended only for external use

UW Milliequivalent

UX Dram (Minim)

UY Fifty Square Feet

UZ Fifty Count

V1 Flat
A shallow rectangular container frequently used for fruits and vegetables

V2 Pouch

V3 Mixed Module
A specially configured orderable product module

V4 Multipack
A group of trade items that are intended to be sold as a single consumer unit at the Point-of-Sale checkout

V5 Setpack
An orderable assortment of trade items, each of which may be sold individually at the Point-

of-Sale checkout. The Setpackmay also be sold.

V6 Prepack Assortment
An orderable standard assortment of trade items - each of which may be sold individually at the Point-of-Sale checkout. The PrepackAssortment itself is not sold at the Point-of-Sale checkout.

V7 International Bittering Units (IBU)
The International Bittering Units (IBU) scale, is used to approximately quantify the bitterness of beer. This scale measures the amount of iso-alpha acids

VA Volt-ampere per Kilogram

VC Five Hundred
500 each of an item of supply

VI Vial

VL Volume

VP Percent Volume

VR Volt-ampere-reactive

VS Visit
A quantitative measure of the number of visits to a provider by the patient

VV Percent volume per volume (v/v)
Identifies the percent volume per volume of drug concentration where both chemicals are liquids

W2 Wet Kilo
Weight of product plus liquid solution

W7 Thimble Full

WA Watts per Kilogram

WB Wet Pound

WD Work Days

WE Wet Ton

WG Wine Gallon

WH Wheel

WI Weight per Square Inch

WK Week

WM Working Months

WP Pennyweight

WR Wrap

WV Percent weight per volume (w/v)
Identifies the percent weight per volume of drug concentration where a solid chemical is dissolved in liquid

WW Milliliters of Water

WX Percent weight per weight (w/w)
Identifies the percent weight per weight of drug concentration where the weight of each chemical is used.

X1 Chains (Land Survey)

X2 Bunch
A measure used to identify a group of like items grown or fastened together

X3 Clove
A measure used to identify a section of a separate bulb

X4 Drop
The smallest quantity of liquid heavy enough to form a spherical mass

X5 Head
A measure used for a rounded, compact mass of leaves, buds or flowers

X6 Heart
A measure used to identify the central or innermost physical part

X7 Leaf
A measure used to identify a usually green flattened structure of vascular plants processed for a particular purpose

X8 Loaf
A shaped mass of food cooked or prepared in one piece

X9 Portion
A measure used to identify a section or quantity within a larger thing

XP Base Box per Pound

Y1 Slice
A measure used to identify a thin broad piece cut from a larger object

Y2 Tablespoon
A measure equal to three teaspoons or a half fluid ounce

Y3 Teaspoon
A measure equal to five milliliters or one third tablespoon

Y4 Tub
A measure used to identify a storage container

Y5 Transport Load
One or more transport packages or other items contained on a platform making them suitable for transport, stacking, and storage as a unit. The trade item above the pallet level used for transporting trade items for example TruckLoad, Container, Rail Car, Ship, Etc.

YD Yard

YL 100 Lineal Yards

YR Years

YT Ten Yards

Z1 Lift Van

Z2 Chest

Z3 Cask

Z4 Hogshead

Z5 Lug

Z6 Conference Points
A participant on a conference call

Z7 13-pack Marketing

Z8 Newspaper Agate Line

Z9 14-pack Marketing

ZA Bimonthly

ZB Biweekly

ZC Semiannual

ZD Kilojoule

ZE Ping
Asian Measurement; 1 Ping = 3.3 square meters

ZF 16-pack Marketing
ZG 48-pack Component Parts
ZH 51-pack Component Parts
ZI 52-pack Component Parts
ZJ 60-pack Gift Packs
ZK 72-pack Gift Packs
ZL 83-pack Gift Packs
ZM 10-pack Marketing
ZN 120-pack Promotional
ZO 150-pack Component Parts
ZP Page
ZQ 200-pack Component Parts
ZR 1000-pack Component Parts
ZS 15-Pack
ZT Per Annum
ZU Mother Tincture (TM)
Mother tincture is for homeopathic preparation and is a liquid preparation obtained by the solvent action of a suitable vehicle upon raw materials. The raw materials are usually in the fresh form but may be dried. Mother tinctures for homeopathic preparations may also be obtained from plant juices, with, or without the addition of a vehicle.
ZV Nanogram
Nanogram is one billionth (1/1,000,000,000) of a gram
ZW Barrel, Dry
ZX Barrel, Liquid
ZY Apothecary Scruple
ZZ Mutually Defined

356 - Pack

The number of inner containers, or number of eaches if there are no inner containers, per outer container

TYPE=**N0** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

FU4 FX7 G20 G21 G39 G45 G55 G70 G83 G89 ID1 ID3 PAL PO4 PO5 PO8 W20

TRANSACTION SETS USED IN

219 220 284 304 325 527 754 810 812 830 832 840 843 850 852 855 856 857 860 861 862 863 865 867 875 876 878 879 880 888 889 890 893 894 895 896 897 940 943 944 945

357 - Size

Size of supplier units in pack

TYPE=**R** MIN=**1** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

CLD FU4 FX7 G20 G39 G45 G55 G70 ID1 PO4 PO5 PO8 W20

TRANSACTION SETS USED IN

219 220 284 304 325 527 810 812 830 832 840 843 850 852 855 856 857 860 861 862 863 865 867 875 876 879 880 888 889 890 893 896 897 940 943 944

358 - Quantity Invoiced

Number of units invoiced (supplier units) TYPE=**R** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

G17 IT1

TRANSACTION SETS USED IN

142 215 268 412 810 811 820 823 857 880

359 - Allowance or Charge Rate

Allowance or Charge Rate per Unit TYPE=**R** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

G45 G46 G72 ITA SSS

TRANSACTION SETS USED IN

140 142 143 187 219 220 811 819 844 845 849 851 859 867 875 876 878 879 880 881 882 888 889 894 895 945

360 - Allowance or Charge Total Amount

Total dollar amount for the allowance or charge TYPE=**N2** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

DP G72 ITA

TRANSACTION SETS USED IN

124 140 142 143 187 219 220 811 819 851 859 867 875 876 878 880 881 882 894 895 945

361 - Total Invoice Amount

Amount of invoice (including charges, less allowances) before terms discount (if discount is applicable)

TYPE=**N2** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

G84

TRANSACTION SETS USED IN

894 895

362 - Terms Discount Amount

Total amount of terms discount

TYPE=**N2** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

G23 ITD

TRANSACTION SETS USED IN

110 140 210 304 561 810 811 812 819 830 832 836 838 840 843 845 850 855 857 858 859 860 865 875 876 880 882 888 889 894 895

363 - Note Reference Code

Code identifying the functional area or purpose for which the note applies

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

MTX NTE REC

TRANSACTION SETS USED IN

103 104 105 110 113 130 133 135 146 147 150 152 154 155 179 180 185 189 190 194 195 198 199 200 201 204 206 215 219 220 222 227 228 240 249 251 255 260 261 262 264 266 274 284 285 288 290 410 422 424 426 429 452 463 470 500 501 503 511 521 527 567 620 625 650 754 805 806 810 811 814 820 823 824 832 835 836 837 840 841 842 843 844 845 847 848 849 850 853 855 857 858 859 860 863 864 865 869 875 876 879 880 884 888 889 890 892 894 896 897 920 940 943 944 945 947

CODE	DEFINITION & EXPLANATION
101	Target Audience *Identifies the target consumer segment. This can indicate age, gender, geography, income level, lifestyle etc.*
102	Additional Trade Item Description
103	Cash Register Description
104	Cooking Suggestions *Provides the method of cooking such as BBQ, oven, microwave, convection oven, pressure cooker, slow cooker, etcetera*
105	Description Extended *A structured and non-abbreviated description of the product*
106	Direct Product Markings Description *Describes additional distinctive direct marking(s) or imprints on a trade item as described by the manufacturer such as front has company logo, back has value and UOM, includes a shield, etc.*
107	Feature and benefits description *Benefits /Features /Advantages of using this product should be used for marketing and promotional selling and to detail the attractive qualities of this product.*
108	Finish Description
109	Functional Name *A name which describes how the consumer uses the trade item product or service. This attribute should clarify the product classification associated with the product. For example, drill, salad dressing, soup, beer.*
110	General Description *Additional information to further describe the product.*
111	Marketing Message
112	Promotional Markings *Identifies any promotional marking. e.g. Christmas, Father's Day, Halloween Detailed offering printed on the pack.*
113	Precaution Statement *Specifies precautions to be taken before preparation or consumption of the product.*
116	Shape Description
117	Trade Item Description

119 Product Image Web Description - Bullets
Keywords to search on-line for the image.

120 Clear Text of Action Taken
Used to identify the clear text description of an action taken on a cataloging item

121 Attachment Type
Used to identify the attachment type for a cataloging transaction

122 Reply Text
Used to identify the reply text for a cataloging transaction

123 Technical Data URL
Used to identify the technical data URL for a cataloging item

AAA Agent Details

AAB Associated Business Areas

AAC Borrower

AAD Nationality Details

AAE Assets

AAF Liabilities

AAH Additional Facility Details

AAI Exemption Law Location Description

AAJ Forecast Details

AAK Import and Export Details

AAL Inventory Valuation

AAM Product Brands Sold Description

AAN Purchase Territory

AAO Responsibilities

AAP Supplier Description

AAQ Education Description

AAR Liquidity Details

AAS Former Activity Description

AAT Division Description

ABN Abbreviated Nomenclature

ACC Access Instructions
Instructions or arrangements made with the customer on how to gain access to the customer's premises to work on a service request

ACI Additional Claim Information

ACN Action Taken

ACS Actual Solution

ACT Action

ADD Additional Information

AEO Microbiological - Aerobic Spores Results

AES Actual Evaluation Summary

AET Adverse Event Terms

AFA Description

AFB Generic Chemical Name

AFC Prevention Program Description

AFD Risk Management Plan Description

AFE Safety Comments
AFF Summary
ALG Allergies
ALL All Documents
ALT Alerts
AMN Additional Manufacturer Narrative
AOO Area of Operation
APN Application Notes
APS Appropriation Specifications
Multiformatted data that describes government accounting classification information used to process the payment information for services provided to the Government
ASI Assembly Instructions
BBD Bank Description
BBF Business Founder
BBH Business History
BBN Banking Notes
BBO Business Origin Description
BBT Brand Names
BFD Business Financing Details
BOL Bill of Lading Note
BUR Bureau Remarks
CAA Authentication Information
CAB Line of In-State Business
CAC Relationship Information
CAD Basis for Amount Due
CAE Type of Debt
CAF Land Use Purpose
CAG Land Description
CAH Basis of Calculation
CAI General Business Description
CAJ Type of Business
CAK Character of Business
CAL Representation of Value
CAM Supporting Statement, Tax, and Fee Computation
CAN Cooperative Corporation Statement
CAO Close Corporation Statement
CAP Agreement to Abide by Laws
CAQ Stock Restrictions
CAR Other Related Information
CAS Prohibition Against Being an Officer
CAT Qualification of Director
CAU Nature of Charter
CAV Statement of Assets and Liabilities
CAW Bankruptcy Information

CAX Certificate of Disclosure
CAZ Asset Detail
CBA Statement Related to Regulation
CBB Consideration to be Received
CBC Other Lawful Provisions
CBH Monetary Amount Description
CBI Description of Title
CCA Competition
CCB Construction Details
CCC Construction Financing
CCD Construction Line of Business
CCE Contract Details
CCF Corporate Filing Details
CCG Customer Description
CCN Copyright Notice
CDD Contingent Debt Details
CER Certification Narrative
Any notes associated with the certification involved
CFP Call for Appointment
CHG Change
CHI Choking Hazard Information
CIG Cigarette Information
CIP Preparation and Cooking Instructions
CIR Circumstances Prior to Difficulty
CLN Classifying Information
CLR Security Clearance Instructions
Used to describe the level of security clearance required for individuals viewing information
CMP Concomitant Medical Product Description
CMT Maintenance Comment
CNI Consumer Usage Storage Instructions
COD Corrected Data
COM Consumer Comments
CON Conviction Act Details
CPV Consumer Product Variant Description
Free text field describing the Consumer Product Variant change or difference.
CRA Credit Report Alerts
CRK Closing Comment
CRN Credit Report Notes
CUS Customs declaration
CVA Ingredient Country of Origin
CVB Tariff Country of Origin
Country of origin of the item pertaining to legislative customs tariff
CVC Country of Last Processing
Country in which the item was last processed or tested before importation

CVD Country of Assembly
CVE Logistics Country of Origin
Country from which an item is supplied
DCL Disclaimer Statement
DCP Goals, Rehabilitation Potential, or Discharge Plans
DCS Destination Control Statement
DDC Deficiency Description Changes
DEE Event Description
DEL Delivery
DEP Problem Description
DFR Dose, Frequency and Route Description
DFS Departure from Specification Comment
DGN Diagnosis Description
Verbal description of the condition involved
DME Durable Medical Equipment (DME) and Supplies
DOD Description of Damage
DOI Outcome Description
DRV Driver Out of Service Notice
DRW Driver Out of Service Resolution
DSW Detailed Statement of Work
EAA Other Type of Group
EAB Ballot Measure
EAC Attachment
EAD Board
EAE Prohibited Contribution Circumstance
EAF Committee Activity
EAG Compensation Arrangement
EAH Country Sub-Entity
EAI Faction
EAJ Gift
EAK In-Kind Contribution Use
EAL Industry Group
EAM Jurisdiction
EAN Nature and Purpose of Other Lobbyist Employers
EAO Description of Office
EAP Party Considering Legislation
EAQ Description of Position
EAR Description of Sponsor
EAS Affiliation
EAT Asset Disposition
EAV Committee Interest
EAW Compensation or Services Exchanged for Consideration
EAX Contributor Interest
EAY Description of Debt

EAZ Employer Description
EBA Purpose of Employment
EBB Description of Agency and Position
EBC Description of Goods and Services
EBD Length of Lobbying Actions
EBE Lobbying Interest
EBF Method of Disposal
EBG Purpose of Credit
EBH Description of Other Business Sub-Category
EBI Other Type of Compensation
EBJ Description of Other Legislative Interest
EBK Other Reason for Withdrawal
EBL Other Type of Relationship
EBM Other Temporary Residence
EBN Other Type of Committee
EBO Place Paid
EBP Proposition
EBQ Reason for Purchase
EBR Reason for Contribution
EBS Description of Repayment Schedule
EBU Service Description
EBV Initiative
EBW Description of Amendment
EBX Type of Election
EBY Other Type of Account
EBZ Interest Rate Description
ECA In-Kind Contribution
ECB Reason for Refund
ECC Incidental Expenses
ECD Environmental Conditions Description
ECE Other Expenses
ECF Other Income
ECG Description of Receipt
ECH Surplus Funds
ECI Collateral
ECJ Contributor
ECK Miscellaneous Receipt Transaction
ECL Other Advertising
ECM Estimate Comment
ECN Equipment Condition Description
ECO Other Necessary Personal Expense
ECP Other Campaign Expense
ECQ Long-Term Liability

ECR Short-Term Liability
ECS Other Sponsor Expense
ECT Emergency Certification
ECU Other Transportation Expense
ECV Refund
ECW Reason for Return
EED Equipment Description
EFD Equipment Function Description
ELE Equipment Log Entry
EMC Employment Comments
EMD Estimate Method Description
ENR Explanation for Non-Return of Device to Manufacturer
ERN Error Notes
EVL Event Location
EXE Exemption Description
EXN Exhibit Notes
EXR Exercise Routine
Notes necessary to evaluate medical necessity of portable oxygen system
EXT Exterior Description
FDD Final Deficiency Description
FEE Fee Description
FIX Repair Summary
FLS Fair Labor Standards Act
FRE Freight
FUE Fuel
FUT Future Plans
GEN Entire Transaction Set
GPI General Product or Process Information
GPL General Policy
GSI General Specification Information
HHI Household Goods Information
ICN Interviewee Conversation
IDT Intangible Description
IID Inventory (Stock) Description
IIE Investment Description
IIR Intercompany Relations
ILC International Logistics Control Office (ILCO)
Use of the code ILC identifies the source of clear-text comments as an International Logistics Control Office. The code is not intended to identify a specific control office
IMP Problem Impact
ING Ingredient Statement
INP Reason for Inspection
INS Insurance
INT General Order Instructions

INV Invoice Instruction
IVC Income Verification Comments
JVD Joint Venture Description
KWS Key Word Search
A word or phrase used by software search-enabled systems to find a product
LAB Labeling Instructions
LBD Laboratory Data
LBS Labeled Strength
LEN Lender Use
LIN Line Item
LIQ Liquor Information
LLA Letters of Liability Agreements
LLB Loan Details
LLC Long Term Debt Description
LOC Location Description Information
A free-form description of a location, helpful in trying to locate a specific facility
LOI Loading Instructions
LSD Legal Structure Details
MAE Microbiological Aerobic Spores Results
MAN Microbiological Anerobic Spores Results
MAS Microbiological - Anaerobic Spores Results
MCD Marital Contract Details
MCL Mineral Claim Information
MCN Motor Carrier Instructions
MDO Device Operator Description
MED Medications
MFG Manufacturing Instructions
MKN Marketing Notes
MMD Merger Description
MPI Monetary Performance Details
MSD Marketable Securities Description
NCD Nonconformance Specification
NCI Nutrient Claim Information
NCS Net Content Statement
Net content as displayed on the product packaging.
NPD Nameplate Data
NTR Nutritional Requirements
OBI Originator to Beneficiary Instructions
OBL Obligation Description
OCA Other Current Asset Description
OCC Occupancy Information
OCL Other Current Liability Description
OCP Occupation
OCR Outside the Continental U.S. (OCONUS) Rating Information

ODD Originator Deficiency Description
ODT Orders for Disciplines and Treatments
OLS Original Legal Structure
OPO Occupation Definition
ORA Test Results Other Than Room Air
Description of the results of oxygen test when given with other than room air
ORD Ordering Restrictions
ORE Other Remedial Action
ORI Order Instructions
OTH Other Instructions
OTN Another Type of Number Description
OTS Report Source Description
PAC USDA Perishable Agricultural Commodities Act (PACA)
PAY Payables
PBE Product Benefits
PCS Process Specification
PCU Product Care and Use Instructions
PDS Product Specification
PED Employee Sharing Arrangements
PEN Penalty Description
PER Performance
PES Partial Pressure of Oxygen (PO2) is 60 millimeters (MM) of Mercury (Hg) or above, or arterial blood oxygen saturation is 90% or above
Description of the result of an oxygen saturation test
PFE Product Features
PGM Program Details
PID Property Improvement Description
PKG Packaging Instructions
PMT Payment
POB Primary Observation
POC Principals or Organization Comments
POL Property Owner Location Information
PPC Principal Procedure Code Description
PRI Priority
PRN Public Record Notes
PRO Previous Registered Office
PRR Price Range
PSY Problem Summary
PUC Public Utility Message
PUR Purchasing
QPI Quantity Performance Details
QUL Qualifications
QUT Quotation Instruction
RDI Reason for Delinquency Information

REC Recommendation
REF Treatment Refusal Note
REG Registered Activity
REP Report
REV Receivables
RFL Reason for Leaving
RHB Functional Limitations, Reason Homebound, or Both
RLA Reason for Leave of Absence
RLH Reasons Patient Leaves Home
RNH Times and Reasons Patient Not at Home
RNI Missing Report Explanation
ROU Circuit Routing Instructions
A customer request for a particular routing sequence for a telecommunications circuit
RPT Report Remarks
RST Place Where a Report was Submitted
RVC Rent Verification Comments
SAN Settlement Amount Notes
SCN Ocean Shipping Container Information
SCQ Shipping Packaging Quantity Description
Provides the quantity of units inside the shipping container as described on the outside of the container (e.g., 100 5 oz envelopes)
SDD Sentence Description
SES Settlement Submission Detail
SET Unusual Home, Social Environment, or Both
SFM Safety Measures
SHC Storage and Handling Conditions
SHR Shipping Restrictions
SMD Selling Means Description
SMM Short Marketing Message
Identifies the Short Marketing Message, which is typically a bullet list that concisely describes key benefits, features and advantages of using this product; recommended maximum 250 Characters
SOB Secondary Observation
SOW Statement of Work
SPC Special Instructions for the Distribution Center
SPH Special Handling
SPS Screening Point Summary
Narrative quality summary from first screening point.
SPT Supplementary Plan of Treatment
SPV Closing Instructions
SSA School Attended Details
SSC Status Comment
SSD Sales Description
SSE Spouse Information
SSG School Graduated Details

SSH Security Service Information
SSI Shareholding Information
SSJ Serving Size Description
SSK Serving Suggestions
SSS Signing Authority
SST Sales Territory
STO Stop-off
TAF Tariff Abbreviation
TAN Tasting Note
Written testimony about the product by the producer or manufacturer
TAR Target Market
TAX Tax Regulatory Statement
A statement pertaining to a tax that is recommended or required by a legislative body or regulatory authority
TCF Tariff Commodity Footnotes
TDA Turkish Defense Affairs Authorization Information
TES Task Statement
TIL Tariff Index
TLF Tariff Rule
TLR Tradeline Remarks
TMP Toxic Organic Management Plan
TPO Third Party Organization Notes
TRA Transportation
TRE Reportable Event Description
TRF Tariff Rate Footnotes
TRS Quality Information
TSD Terms of Sale Description
TSF Tariff Section Footnotes
TST Test Results
UNL Unloading Instructions
UPI Updated Information
USD Country of Origin per United States Department of Agriculture legislation
VCI Vitamin Claim Information
VEC Verification Comments
VEH Vehicle Out of Service Notice
VNN Variation Notes
WAR Warranty Information
WHI Warehouse Instruction
WRN Warning
Warning provided by the manufacturer pertaining to the product
WRP Wrapping Instructions
XCM External Container Marking Text
The printed product information on the outside of the shipping case. Example: 1,000 16 oz. red beer cups.

ZED Zero Discharge Certification Statement
ZZZ Mutually Defined

364 - Communication Number

Complete communications number including country or area code when applicable

TYPE=**AN** MIN=**1** MAX=**2048**

COMPOSITE DATA STRUCTURES USED IN

C057

SEGMENTS USED IN (AS COMPONENT)

COM

SEGMENTS USED IN (AS SIMPLE)

COM DMI ENE G61 LH4 PER RDM

TRANSACTION SETS USED IN

100 101 103 104 105 106 107 108 110 111 112 113 124 128 130 132 133 135 138 140 141 142 143 146
147 148 149 150 152 153 154 155 157 161 163 170 175 176 179 180 185 186 187 188 189 190 191 194
195 196 197 198 199 200 201 202 203 204 205 206 211 212 213 215 216 217 219 220 222 227 228 244
245 248 249 251 252 255 256 259 260 261 262 264 265 266 267 268 269 270 271 272 273 274 275 276
277 278 280 283 284 285 286 288 290 300 301 304 309 310 312 317 322 355 359 404 410 412 417 418
421 422 423 424 426 434 435 460 470 475 490 500 501 503 504 511 517 521 527 536 540 561 567 568
603 620 625 650 753 754 805 806 810 811 812 813 814 816 819 820 821 822 823 824 826 827 828 830
832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855
856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 872 873 874 875 876 879 880 881 882
883 884 885 886 887 888 889 890 891 892 896 897 920 940 943 944 945 947

365 - Communication Number Qualifier

Code identifying the type of communication number TYPE=ID MIN=2 MAX=2

COMPOSITE DATA STRUCTURES USED IN
C057

SEGMENTS USED IN (AS COMPONENT)
COM

SEGMENTS USED IN (AS SIMPLE)
COM DMI ENE G61 PER

TRANSACTION SETS USED IN
100 101 103 104 105 106 107 108 110 111 112 113 124 128 130 132 133 135 138 140 141 142 143 146
147 148 149 150 152 153 154 155 157 161 163 170 175 176 179 180 185 186 187 188 189 190 191 194
195 196 197 198 199 200 201 202 203 204 205 206 211 212 213 215 216 217 219 220 222 227 228 244
245 248 249 251 252 255 256 259 260 261 262 264 265 266 267 268 269 270 271 272 273 274 275 276
277 278 280 283 284 285 286 288 290 300 301 304 309 310 312 317 322 355 359 404 410 412 417 418
421 422 423 424 426 434 460 470 475 490 500 501 503 504 511 517 521 527 536 540 561 567 568 603
620 625 650 753 754 805 806 810 811 812 813 814 816 819 820 821 822 823 824 826 827 828 830 832
833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856
857 858 859 860 861 862 863 864 865 866 867 868 869 870 872 873 874 875 876 879 880 881 882 883
884 885 886 887 888 889 890 891 892 896 897 920 940 943 944 945 947

CODE	DEFINITION & EXPLANATION
01	Additional Trade Item Description URL
02	Cash Register Description URL
03	Consumer Usage Storage Instructions URL
04	Cooking Suggestions URL
05	Customer Service URL
06	Direct Product Markings Description URL
07	Feature and Benefits URL
08	Finish Description and Image URL
09	Beauty Image URL *The beauty image illustrates how the product may be used or served. Examples are images of a patio set including people sitting around the table or a bowl of oatmeal served with steam rising.*
10	Image Information URL
11	Label Storage Information URL
12	Marketing Message URL
13	Promotion Markings URL
14	Precautionary Statement URL
15	Preparation Instructions URL
16	Product Information URL
17	Serving Suggestions URL
18	Shape Description URL
19	Warranty Information URL

AA International Telephone Access Code
Dialing Code required to call another country in addition to the number

AB Joint Facsimile and Phone Number

AC Message Only Voice Number
Telephone number which provides automated messages only

AD Delivery Location Phone

AE Area Code

AL Allergen Information URL

AP Alternate Telephone

AS Answering Service

AU Defense Switched Network
Department of Defense telecommunications system and successor of the Automatic Voice Network(AUTOVON)

BN Beeper Number

BR Brochure URL Address

BT BTX Number
German communications number for on-line service provided through the Deutsche Bundespost

CA Cable

CI Conflict Mineral Information URL

CM Certification MarkImage URL

CN Consumer Support Phone Number

CP Cellular Phone

CS Allergen Consumer Support Phone Number

CT Certification URL

DN Defense Data Network(DDN)
Department of Defense (DoD) data communications system

EA Internet Email Address
Internet based electronic mail address with a structure of "ADDRESSEE @ DOMAIN NAME . DOMAIN NAME EXTENSION"

ED Electronic Data Interchange Access Number

EM Electronic Mail

EN Full Engineering Drawing URL

EX Telephone Extension

FT Federal Telecommunications System (FTS)

FU Facsimile User Identifier

FX Facsimile

HF Home Facsimile Number

HP Home Phone Number

IT International Telephone

MN Modem Number

NP Night Telephone

OF Other Residential Facsimile Number

OT Other Residential Telephone Number

PA Appointment Phone

PC Personal Cellular
PP Personal Phone
PS Packet Switching
Q1 Image Link
Q2 Image Information Link
Q3 Allergen Information Link
Q4 Warranty Information Link
Q5 Customer Service Link
Q6 Product Information Link
Q7 Organic Information Link
Q8 Organic Certification Link(agency)
Q9 Diet Type Certification Link
QA Image Thumbnail URL
R1 Diet Type Consumer Support Phone Number
R2 Installation Video URL
R3 Technical Drawing URL
R4 Manufacturer Product Website URL
R5 Material Safety Data Sheet (MSDS or SDS) URL
R6 User Manual URL
R7 Pallet Configuration URL
R8 Product Specification URL
R9 Restrictions on Hazardous Substances (RoHS) Material Composition URL
RA Installation Instructions URL
S1 Service Manual URL
S2 Technical Bulletin URL
S3 Video Clip URL
S4 Warranty Information Link
S5 Wiring Diagram URL
SP Showing Phone
Phone number to call for information about a property showing
TD 3D Rendering URL
TE Telephone
TL Telex
TM Telemail
TN Teletex Number
Teletex is specific type of Telex service provided by Deutsche Bundespost
TS Text Message Address
A communication protocol allowing for instant communication between parties using a text messaging service, such as Short Message Service (SMS)
TX TWX
UR Uniform Resource Locator (URL)
VM Voice Mail
WC WorkCellular
WF WorkFacsimile Number

WP WorkPhone Number

366 - Contact Function Code

Code identifying the major duty or responsibility of the person or group named

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

G61 PER

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 110 111 112 113 124 128 130 135 138 140 141 142 143 146 147 148 149 150 152 153 154 155 157 161 163 170 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 211 212 213 215 216 217 219 220 222 227 228 245 248 249 251 252 255 256 259 260 261 262 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310 312 317 322 355 359 404 410 412 417 418 421 422 423 424 426 434 460 470 475 490 500 501 503 504 511 517 521 527 536 540 561 567 568 603 620 625 650 753 754 805 806 810 811 812 813 814 816 819 820 821 822 823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 869 870 872 873 874 875 876 879 880 881 882 883 884 885 886 887 888 889 890 891 892 896 897 920 940 943 944 945 947

CODE	DEFINITION & EXPLANATION
1A	Review/Repricing Contact
1B	Preferred Provider Organization (PPO) Contact
1C	Health Maintenance Organization (HMO) Contact
1D	Third-party Administrator (TPA) Contact
1E	New Business Processing
1F	Physician
1G	Service Team
1H	Underwriter
1I	Local Contact
1J	User Identification
3A	Automated Clearinghouse (ACH) Contact
A1	Claim Approver
A2	Applicant
A3	Interviewer
A4	Owner Representative
A5	Appointment Scheduler
A6	Concurrent Employer Contact
AA	Authorized Representative
AB	Appraiser
AC	Administrative Contracting Officer
AD	Accounting Department
AE	Corporate Purchasing Agent
AF	Authorized Financial Contact
AG	Agent
AH	After-Hours Contact

AI Additional Insurance Information Contact
AJ Primary Contact
AL Alternate Contact
Person to be contacted when the main contact is not available
AM Administrator
AN Attention-to Party
Party to whose attention information is sent via U.S. Post Office - U.S. Mail
AP Accounts Payable Department
AR Accounts Receivable Department
AS Authorized Signature
AT Material Safety Data Sheet Contact
AU Report Authorizer
AV Advisor
AW Co-investigator
AX Additional Contact Points at Institutions
BA Broker
BB Local Purchasing Agent
BC Broker Contact
BD Buyer Name or Department
BI Bill Inquiry Contact
Service Provider contact for making inquiries about information on the invoice
BJ Operations
BK Marketing Department
BL Technical Department
BM Work Broker Maintenance Manager
BP School Principal
BS Board Staff
BU Business Unit Manager
C1 Carrier Contact
C2 Co-borrower
CA Customer Contact Granting Appointment
CB Changed By
CC Computer Systems Contact
CD Contract Contact
CE Certifier
CF Customer Engineer
A person who maintains or repairs computer hardware or software
CG Chief Executive Officer
CH Change Order Approver
CI Chief Financial Officer
CJ Chief Information Officer
CK Chairman of the Board
CL Chief Operating Officer
CM Container Manager

CN General Contact
CO Component Engineer
CP Cost and Schedule Coordinator
CR Customer Relations
CS CAD/CAM Specialist
CT Claimant
CU Auditing Contact
CV Clearinghouse Contact
CW Confirmed With
CX Payers Claim Office
Location responsible for paying bills related to medical care received
CY Case Manager
CZ Claim Recipient
DA Directory Advertising Contact
Service Provider contact for questions about, and changes to, directory advertising
DC Delivery Contact
DD Division Director
DE Design Engineer
DF Director
DI Delivery Instructions Contact
DM Division Manager
DN Dental School Admissions Office
DR Discrepancy Report Reply Contact
The reply from the Action Activity back to the recipient agency that initiated the supply discrepancy report
SEE CODE SOURCE 928
DV Development
E1 Estimator
E2 Evening Programs Office
EA EDI Coordinator
EB Entered By
EC Emergency Contact-Shipper
ED Emergency Contact-Consignee
EF Emergency Contact-Military Surface Deployment and Distribution Command (SDDC)
EG Engineering
EM Emergency Contact
EN Engineer
EO Executive Officer
EP Employer Contact
ES Electronic Submission Recipient
EU Endpoint
Endpoints are used to facilitate system-to-system communication, providing the details of the addressing of the system
EV Executive Vice-President
EX Expeditor

FA Financial Aid Office
FB Coordinator
FC Forwarder Contact
FD Primary Control Point
FF Licensee
FL Foreclosing Lender Administrative Contact
FM Functional Manager
FN Joint Work Agent
FO Office Manager
FP Marketing Director
FQ Staff
FR Compliance Officer
GA Graduate Fine Arts Office
GB Graduate Business Office
GC Guidance Counselor
GE Graduate Engineering Office
GR Graduate Admissions Office
HM Hazardous Material Contact
HR Human Resources
IC Information Contact
IL International Logistics Control Office Point of Contact
Identifies the point of contact at the International Logistics Control Office assigned responsibility for a security assistance shipment
SEE CODE SOURCE 350
IO Issuing Officer
IP Insured Party
IS Law Firm
KA Authorized Negotiator
KB Preaward Survey Manager
KC Accepting Official
KP Attorney
KT Clerk of Court
LD Law School Admissions Office
LG Logistics Contact
MA Maintenance Contact
Service Provider contact for requesting service maintenance, or reporting problems
MB Mayor
MC Medical Contact
MD Medical Admissions Office
ME Manufacturing
MG Manager
MK Multiple Listing Service Staff
ML Multiple Listing Service Vendor
MM Customer Maintenance Manager

MX Mexican Hazardous Information Contact
NA National Agent
NC Numerical Control Engineer
NP Notary Public
NT Notification Contact
OA Other Adult
OC Order Contact
OD Order Department
OS Office Staff
OW Owner
PA President
PB Plant Manager
PC Purchasing Contracting Officer (PCO)
Person to whom a warrant has been issued authorizing that person to obligate funds on behalf of the government
PD Project Director
PE Process Engineer
PF Price Administration
PG Program Director
PH Provider
Entity providing health care services
PI Preparer
A firm, organization, or individual who determines the tax liability from information supplied by the taxpayer
PJ Project Manager
PK Performance Evaluation Committee
PL Manufacturing Plant Contact
PM Product Manager
PN Probation or Legal Officer
PO Production Representative
An industrial specialist assigned to a contract administration office and charged with production surveillance of government contracts being performed in the plant or plants under the production representative's cognizance
PP Program Manager
PQ Parent or Guardian
PR Prototype Coordinator
PS Personnel Department
PT Partner
PU Report Preparer
PV Participating Laboratory Contact
PW Principal Study Contact or Author
PX Purchase Service Provider
Entity from which medical supplies may be bought
PY Packager

PZ Patient
Individual receiving medical care
QA Quality Assurance Contact
QC Quality Coordinator
QI Quality Inspector
QM Quality Manager
QP Quoting Party
The party that actually submitted a quote in response to a request for quotation
QR Ordering Officer
An individual authorized to place orders against existing contracts
QY Port Engineer
RA Rental Company Administrative Contact
RB Real Estate Property Occupant
RC Rebate/Chargeback Contact
RD Receiving Dock
RE Receiving Contact
RF Real Estate Property Key Holder
RG Registrar
RM Recall Administrator
RP Responsible Person
RQ Requestor
RS Rate Supervisor or Clerk
RZ Respondent
SA Sales Administration
SB Student
SC Schedule Contact
SD Shipping Department
SE Service Organization
SF Student in Absentia
SG Secretary
SH Shipper Contact
SI Investigator
SJ Spouse
SK School Clerk
SL Collector
SM Submitting Contact
SN Study Submitter Contact
SO Service Order Writer
SP Special Program Contact
SQ Systems Administrator
SR Sales Representative or Department
SS Supervisor
ST Service Technician
SU Supplier Contact

SV Service Manager
SW Social Services Worker
SY Secondary Taxpayer
Taxpayer who is filing jointly with the primary taxpayer
TA Traffic Administrator
TB Telephone Answering Service Contact
TC College of Education Admissions Office
TD Tender Developer
TE Treasurer
TH School of Theology Admissions Office
TM Transmitter
The firm, organization, or individual who transmits returns electronically to a taxing authority
TN Tenant
TP Primary Taxpayer
Taxpayer whose social security number or employer identification number is used as the primary identification number for the filing
TR Technical Marketing Representative
TY Platform Maintenance Manager
UG Undergraduate Admissions Office
UP Union President
UQ Processor
UR Ultimate Receiver
VM School of Veterinary Medicine Admissions Office
VP Vice President
WH Warehouse
WI Witness
WR Technical Writer
WV Waiver Application Contact
ZZ Mutually Defined

367 - Contract Number

Contract number TYPE=**AN** MIN=**1** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

BAK BCA BCH BCM BCS BEG BFR BPP BSS CMA CS CTH GF MLA PRF PSC

TRANSACTION SETS USED IN

140 142 180 196 216 245 250 290 325 503 511 517 527 536 561 567 568 806 830 839 842 846 850 855 856 857 860 861 862 865 866 867 869 870 873 874 890 947

368 - Shipment/Order Status Code

Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
CAD G19 ISR IT3 SHD TD5 W12 W27

TRANSACTION SETS USED IN
180 286 317 810 811 812 830 832 838 840 843 850 852 853 855 856 857 860 861 862 865 870 880 943 945

CODE	DEFINITION & EXPLANATION
AA	Multiple Pickup Same Destination
AB	Available to Ship - Billed Quantity
AN	Available Now - No Shipping Schedule
AP	Allocation
AS	Available Now - Scheduled to Ship (date)
AU	Available to Ship - Unbilled Quantity
AV	Available
BK	Back Ordered from Previous Order
BM	Backordered, Manufacturer, Out-of-Stock
BO	Back Ordered
BP	Shipment Partial, Back Order to Ship on (Date)
BT	Billed total
BW	Billed week-to-date
CA	Customer Inquiry - All Items
CB	Components Missing *A shipment made minus components that should have been shipped in order for the shipment to be in compliance with the terms and conditions of a contract*
CC	Shipment Complete on (Date)
CD	Consolidated Freight
CE	Shipment Includes Extra Items to Meet Price Break
CF	Consolidated Load
CI	Customer Inquiry - Shipped Items Only
CK	Cancelled from Previous Order
CL	Complete *Material on the load is for one producer*
CM	Shipment Complete with Additional Quantity
CN	Next Carrier Move on (Date)
CO	Customer Inquiry - Unshipped Items Only
CP	Partial Shipment on (Date), Considered No Backorder
CS	Shipment Complete with Substitution
CT	Combination *Shipment contains material for more than one producer.*

CU Cancelled Line Item

DA Due for Assortment
Quantity of a product which has been ordered by a buyer in an unfinished state that is available for instructions for the final manufacturing process to complete for delivery to the customer

DD Delivered to Destination on (Date)

DE Deleted Order

DI Discontinued

DO Diverted Order

DP Dispose

DR Dating Requirements

DS Out Of Stock Condition

EC Equipment Capacity

ED Expect to Ship By (Date)

EW Expect To Ship Week of (Date)

EX Expect to Deliver by

FS Units Not Shipped By Agent - To Be Shipped From Factory

HQ Held Awaiting Qualification

IC Item Canceled

ID Insufficient Information

IN In Process

IP Inquiry by Purchase Order

IS Item Represents Substitution from Original Order

LM Shipment late

LS Last Shipment on (Date)

LW Number of Late Weeks

MC Missing Components Furnished
A shipment which contains components earlier reported as missing from a prior shipment

NF Not Yet Published

NN Not in Process - No Shipping Schedule

NS Not In Process, Scheduled to Ship on (Date)

NY No Shipping Schedule

OB Out of Bill & Hold Goods

OF Order Sent to Factory for Production on (Date)

OP Out of Print

OR Temporarily Out of Stock - Reorder

PA Purchase Order Inquiry - All Items

PC Production

PD Purchase Order Complete

PH Product On Hold

PI Purchase Order Inquiry - Shipped Items Only

PK Packed-to-Date as of (Date)

PL Part Lot, Stop Off
Shipment contains material for more than one producer and indicates a drop off of material

PN In Process - No Shipping Schedule
PO Purchase Order Inquiry - Unshipped Items Only
PP Purchase Order Inquiry - Specific Items
PR Partial Shipment
PS In Process, Scheduled to Ship On (Date)
PT Part Lot
Material in a shipment for one producer which is part of a multi-producer shipment
QN Quantity Net Due
QP Quantity Past Due
RC Released to Carrier (Date)
Code indicating that material was given to a carrier for shipment
RD Revised Expect to Ship By (Date)
RI Recall
RT Received Total
RW Revised Expect to Ship Week of (Date)
SA Shipment Quantity Increase
A shipment which contains a quantity of items greater than the quantity called for by contract
SB Seconds Available to Ship - Billed Quantity
SC Shipment Quantity Decrease
A shipment which contains a quantity of items less than the quantity called for by contract
SD Shipped Damaged
SE Replacement Shipment
A shipment of items replacing a previous shipment of items
SF Shipped and Held in Bond at Contractor's Plant
A technical "shipment" so that an invoice can be processed for payment, but the goods actually remain in bond at a facility awaiting further use or movement
SG Shipped and Held as Government-Furnished Property
A technical "shipment" so that an invoice can be processed for payment, but the goods actually remain at a facility for incorporation, a government-furnished property, into a further work product
SH Shipped (Date)
SI Shipment Late, Scheduled to Ship on (Date)
SJ Shipped or Performed as Indicated
A shipment or performance made according to the terms and conditions of a contract
SK Shipment Underrun Quantity
A shipment which contains a quantity of items less than the expected quantity of items but the contract allows for the lesser (unknown) quantity to be accepted in satisfaction of the contract requirement
SL Shipped - to - Date through (Date)
SP Scheduled for Production at Factory on (Date)
SQ Scheduled to ship (Summary quantity)
SS Split Shipment
ST Stop Off
Intermediate stops will be made by the carrier to drop off material
SU Seconds Available to Ship - Unbilled Quantity
UB Unbilled Quantity Balance

UN Unavailable
UR Unsolicited Report
WS Item Invoiced - Shipment to Follow
ZZ Mutually Defined

369 - Free-form Description

Free-form descriptive text TYPE=**AN** MIN=**1** MAX=**45**

SEGMENTS USED IN (AS SIMPLE)

BCM CAL CLI CRT DP F07 FU1 G11 G40 G54 G55 G69 G73 G93 ID1 L13 M20 N10 N9 R2 R3 TRS

TRANSACTION SETS USED IN

101 104 109 110 112 113 124 132 140 141 142 143 150 152 154 155 159 160 161 179 180 194 196 197
200 201 202 206 210 215 219 220 228 252 256 259 263 266 267 272 284 285 286 300 301 304 309 310
311 312 313 315 317 322 324 325 326 350 355 356 357 358 404 410 417 421 422 423 426 432 435 452
453 455 456 470 501 511 517 527 536 561 567 568 601 603 650 805 806 810 812 814 816 820 821 831
832 833 838 839 840 841 843 844 850 851 852 855 857 858 859 860 863 865 867 872 873 874 875 876
877 878 879 880 881 882 884 885 887 888 889 890 891 892 893 894 896 897 924 940 943 944 945 947

370 - Terms Discount Due Date

Date payment is due if discount is to be earned expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

TYPE=**DT** MIN=**8** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

G23 ITD

TRANSACTION SETS USED IN

110 140 210 304 561 810 811 812 819 830 832 836 838 840 843 845 850 855 857 858 859 860 865 875 876 880 882 888 889 894 895

371 - Change Reason Code

Code specifying the reason for price or quantity change TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
IT3 PO3

TRANSACTION SETS USED IN
154 810 830 836 840 843 850 851 855 857 860 865 867 870

CODE	DEFINITION & EXPLANATION
AQ	Alternate Quantity and Unit of Measure
BB	Balancing Quantity
BD	Blueprint Deviation
C1	Transportation Limitations
C2	Source Limitations
C3	Contract Limitations
C4	Destination Limitations
C5	Confirmation Limitations
C6	Other Limitations
DC	Date Change
EV	Estimated Quantity
FE	Feasibility Issue
GU	Gross Volume per Packand Unit of Measure
GW	Gross Weight per Pack
LD	Length Difference
MC	Pack/Size Measure Difference
MP	Minimum Order
PC	PackDifference
PQ	PackQualifier
PS	Product/Services ID Change
QH	Quantity on Hand
QO	Quantity Ordered
QP	Quantity Based on Price Qualifier
QT	Quantity Price Break
SC	Size Difference
UM	Unit of Measure Difference
UP	Unit Price
WD	Width Difference
WO	Weight Qualifier/Gross Weight per Package
ZZ	Mutually Defined

372 - Lading Liability Code

Code identifying limits of liability

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

L1

TRANSACTION SETS USED IN

104 110 210 223 300 301 304 310 312 404 410 417 426 858 859

CODE	DEFINITION & EXPLANATION
F	Full Liability
L	Limited Liability

373 - Date

Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

TYPE=**DT** MIN=**8** MAX=**8**

COMPOSITE DATA STRUCTURES USED IN

C061

SEGMENTS USED IN (AS COMPONENT)

HLH

SEGMENTS USED IN (AS SIMPLE)

ACK ADI ADJ ADT ANI AOC AOI AST AT7 ATA ATH B1 B10 B11 B3 B3B B4 BA2 BAA BAK BAT BAX BC BCA BCD BCH BCM BCO BCP BCQ BCS BCU BEG BFR BFS BGN BHT BIA BIG BIX BLN BLR BLS BMA BMS BNR BOL BOS BPA BPP BPR BPT BQR BQT BR BRA BRC BSC BSI BSN BSR BSS BSW BTA BTI BTP BTR BTS BVA BVP C2 CAL CD1 CER CF1 CF2 CFT CGS CI CM CMA CPR CR6 CR8 CRS CSD CSH CTH CUR DAD DED DEP DET DK DN DR DRA DTM ED EM ER F01 F02 F10 F11 F12 F13 F6X FAA FIR FRM FST G01 G21 G22 G26 G32 G36 G4 G45 G47 G48 G5 G50 G62 G92 GA GH GR2 GRI GRP GS ID1 INI IS2 ISR IT8 JIL JL L11 L7 LCD LDT LEQ LFH LFI LHR M0 M11 M12 M14 M15 M3 M7A MCD MCZ MIR N8 N8A N9 OTI P4 PAI PAM PAS PD PI PLA PLB PO3 POD PPL PR2 PRF PRJ PSC PUN Q2 Q3 Q5 R12 R2 R3 RA RDT REA RES RIC RS RU1 RU2 RU3 SA SAL SCD SCH SG SHP SID SL1 SOM SR SS SSE STC STP T1 TCD TFS TI TIS TMD TPP TRL TS3 TSU TXN TXP UD V3 V9 VAD W06 W15 W17 W2 W3 X01 X1 X2 X4 XQ Y1 Y3 Y4 Y7 ZA ZR ZT

TRANSACTION SETS USED IN

100 101 103 104 105 106 107 108 109 110 111 112 113 120 121 124 125 126 127 128 129 130 131 132 133 135 138 139 140 141 142 143 144 146 147 148 149 150 151 152 153 154 155 157 158 159 160 161 163 170 175 176 179 180 185 186 187 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 224 225 227 228 240 242 244 245 248 249 250 251 252 255 256 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 303 304 309 310 311 312 313 315 317 319 322 323 324 325 326 350 352 353 354 355 356 357 358 361 362 404 410 412 414 417 418 419 421 422 423 424 425 426 429 431 432 433 434 435 436 437 440 451 452 453 455 456 460 463 466 468 470 475 485 486 490 492 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822 823 824 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 869 870 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 920 924 925 926 928 940 943 944 945 947 990

374 - Date/Time Qualifier

Code specifying type of date or time, or both date and time TYPE=ID MIN=3 MAX=3

COMPOSITE DATA STRUCTURES USED IN
C061

SEGMENTS USED IN (AS COMPONENT)
HLH

SEGMENTS USED IN (AS SIMPLE)
ACK B3 BAX BQR BQT CAL CD1 CFT CGS CI CIV CSI CUR DRA DTM DTP ER FAA FST GRI MIS MPP P1 P2
PAM PRC PSC RDT SCH SHP TOV VAD X01 Y1 ZA

TRANSACTION SETS USED IN
100 101 103 104 105 106 107 109 110 111 112 113 120 121 124 126 130 132 133 135 138 139 140 141
142 143 144 148 149 150 151 152 153 154 155 157 158 159 160 161 170 175 176 179 180 185 186 187
188 189 190 191 194 195 196 197 198 199 200 201 202 203 205 206 210 215 219 228 242 244 245 248
250 251 252 255 256 259 260 261 262 264 266 267 268 269 270 271 272 273 274 275 276 277 278 280
283 284 285 286 288 300 301 304 309 310 311 312 315 319 322 323 324 326 354 361 362 404 410 412
414 417 418 422 423 424 426 431 432 433 434 435 437 451 452 453 455 456 475 500 501 503 504 521
540 561 568 601 603 620 625 650 805 806 810 811 812 813 814 815 816 818 819 820 821 822 823 824
826 827 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850
851 852 855 856 857 859 860 861 862 863 864 865 866 867 869 870 872 873 874 877 885 886 887 890
892 893 894 897 920

CODE	DEFINITION & EXPLANATION
001	Cancel After
002	Delivery Requested
003	Invoice
004	Purchase Order
005	Sailing
006	Sold
007	Effective
008	Purchase Order Received
009	Process
010	Requested Ship
011	Shipped
012	Terms Discount Due
013	Terms Net Due
014	Deferred Payment
015	Promotion Start
016	Promotion End
017	Estimated Delivery
018	Available
019	Unloaded
020	Check
021	Charge Back

022 Freight Bill
023 Promotion Order - Start
024 Promotion Order - End
025 Promotion Ship - Start
026 Promotion Ship - End
027 Promotion Requested Delivery - Start
028 Promotion Requested Delivery - End
029 Promotion Performance - Start
030 Promotion Performance - End
031 Promotion Invoice Performance - Start
032 Promotion Invoice Performance - End
033 Promotion Floor Stock Protect - Start
034 Promotion Floor Stock Protect - End
035 Delivered
036 Expiration
Date coverage expires
037 Ship Not Before
038 Ship No Later
039 Ship Week of
040 Status (After and Including)
041 Status (Prior and Including)
042 Superseded
043 Publication
044 Settlement Date as Specified by the Originator
045 Endorsement Date
046 Field Failure
When a component causes a system to fail at a customer site
047 Functional Test
When assembly was tested
048 System Test
When the finished system was tested
049 Prototype Test
When the prototype system or assembly was tested
050 Received
051 Cumulative Quantity Start
052 Cumulative Quantity End
053 Buyers Local
054 Sellers Local
055 Confirmed
056 Estimated Port of Entry
057 Actual Port of Entry
058 Customs Clearance
059 Inland Ship
060 Engineering Change Level

061 Cancel if Not Delivered by
062 Blueprint
063 Do Not Deliver After
064 Do Not Deliver Before
065 1st Schedule Delivery
066 1st Schedule Ship
067 Current Schedule Delivery
068 Current Schedule Ship
069 Promised for Delivery
070 Scheduled for Delivery (After and Including)
071 Requested for Delivery (After and Including)
072 Promised for Delivery (After and Including)
073 Scheduled for Delivery (Prior to and Including)
074 Requested for Delivery (Prior to and Including)
075 Promised for Delivery (Prior to and Including)
076 Scheduled for Delivery (Week of)
077 Requested for Delivery (Week of)
078 Promised for Delivery (Week of)
079 Promised for Shipment
080 Scheduled for Shipment (After and Including)
081 Requested for Shipment (After and Including)
082 Promised for Shipment (After and Including)
083 Scheduled for Shipment (Prior to and Including)
084 Requested for Shipment (Prior to and Including)
085 Promised for Shipment (Prior to and Including)
086 Scheduled for Shipment (Week of)
087 Requested for Shipment (Week of)
088 Promised for Shipment (Week of)
089 Inquiry
090 Report Start
091 Report End
092 Contract Effective
093 Contract Expiration
094 Manufacture
095 Bill of Lading
096 Discharge
097 Transaction Creation
098 Bid (Effective)
099 Bid Open (Date Bids Will Be Opened)
100 No Shipping Schedule Established as of
101 No Production Schedule Established as of
102 Issue
103 Award

104 System Survey
105 Quality Rating
106 Required By
107 Deposit
108 Postmark
109 Received at Lockbox
110 Originally Scheduled Ship
111 Manifest/Ship Notice
112 Buyers Dock
113 Sample Required
114 Tooling Required
115 Sample Available
116 Scheduled Interchange Delivery
118 Requested Pickup
119 Test Performed
120 Control Plan
121 Feasibility Sign Off
122 Failure Mode Effective
124 Group Contract Effective
125 Group Contract Expiration
126 Wholesale Contract Effective
127 Wholesale Contract Expiration
128 Replacement Effective
129 Customer Contract Effective
130 Customer Contract Expiration
131 Item Contract Effective
132 Item Contract Expiration
133 Accounts Receivable - Statement Date
134 Ready for Inspection
135 Booking
136 Technical Rating
137 Delivery Rating
138 Commercial Rating
139 Estimated
140 Actual
141 Assigned
When the service request was supplied to the service provider or agency
142 Loss
When the insured experienced the theft, damage, or casualty to a given property
143 Due Date of First Payment to Principal and Interest
The date first mortgage payment on the principal and interest on a mortgage loan is due
144 Estimated Acceptance
145 Opening Date
146 Closing Date

147 Due Date Last Complete Installment Paid
The date last complete principal and interest mortgage payment made was due

148 Date of Local Office Approval of Conveyance of Damaged Real Estate Property
The date local office approves of the transfer of damaged property

149 Date Deed Filed for Record
The date the formal document (deed) used to transfer title to real estate is filed for record with the recording authority

150 Service Period Start

151 Service Period End

152 Effective Date of Change
Date on which the change went into effect

153 Service Interruption

154 Adjustment Period Start

155 Adjustment Period End

156 Allotment Period Start

157 Test Period Start

158 Test Period Ending

159 Bid Price Exception

160 Samples to be Returned By

161 Loaded on Vessel

162 Pending Archive

163 Actual Archive

164 First Issue

165 Final Issue

166 Message

167 Most Recent Revision (or Initial Version)

168 Release

169 Product Availability Date

170 Supplemental Issue

171 Revision

172 Correction

173 Week Ending

174 Month Ending

175 Cancel if not shipped by

176 Expedited on

177 Cancellation
Date on which the coverage or service is no longer in force

178 Hold (as of)

179 Hold as Stock (as of)

180 No Promise (as of)

181 Stop Work (as of)

182 Will Advise (as of)

183 Connection

184 Inventory

185 Vessel Registry

186 Invoice Period Start
When the billing period covered by an invoice begins

187 Invoice Period End
When the billing period covered by an invoice ends

188 Credit Advice

189 Debit Advice

190 Released to Vessel

191 Material Specification

192 Delivery Ticket

193 Period Start

194 Period End

195 Contract Re-Open

196 Start

197 End

198 Completion
Date when the activity was completed

199 Seal

200 Assembly Start

201 Acceptance

202 Master Lease Agreement

203 First Produced
The date of first production of hydrocarbon from a well for the purpose of sales or on-lease use

204 Official Rail Car Interchange (Either Actual or Agreed Upon)

205 Transmitted

206 Status (Outside Processor)
When outside processor established the status of the material

207 Status (Commercial)
When producer established the status of the material

208 Lot Number Expiration

209 Contract Performance Start

210 Contract Performance Delivery

211 Service Requested
When warranty repair service was requested

212 Returned to Customer

213 Adjustment to Bill Dated

214 Date of Repair/Service

215 Interruption Start
When an interruption in the airplane fueling process began

216 Interruption End

217 Spud
When drilling started for a well

218 Initial Completion
When well was originally completed

219 Plugged and Abandoned
When a well was plugged and abandoned after discontinuing to produce

220 Penalty
Range of penalty period

221 Penalty Begin
Date on which penalty period begins

222 Birth

223 Birth Certificate

224 Adoption

225 Christening

226 Lease Commencement

227 Lease Term Start

228 Lease Term End

229 Rent Start

230 Installation

231 Progress Payment

232 Claim Statement Period Start

233 Claim Statement Period End

234 Settlement Date

235 Delayed Billing (Not Delayed Payment)

236 Lender Credit Check

237 Student Signed

238 Schedule Release
Planned release date for an item or product

239 Baseline
The baseline or original plan that progress is measured against

240 Baseline Start
The start date of baseline or original plan

241 Baseline Complete
The complete date of the baseline or original plan

242 Actual Start
The actual start date for a task or activity

243 Actual Complete
The actual complete date for a task or activity

244 Estimated Start
The revised plan or estimate of the start date for a task or activity

245 Estimated Completion
The revised plan or estimate of the complete date for a task or activity

246 Start no earlier than
Fixed start date for a task or activity - cannot begin before this date

247 Start no later than
Fixed start date for a task or activity - cannot begin after this date

248 Finish no later than
Fixed finish date for a task or activity - cannot end after this date

249 Finish no earlier than
Fixed finish date for a task or activity - cannot end before this date

250 Mandatory (or Target) Start
Fixed start date - must begin on this date

251 Mandatory (or Target) Finish
Fixed finish date - must finish on this date

252 Early Start
The earliest date a task or activity can begin

253 Early Finish
The earliest date a task or activity can end

254 Late Start
The latest date a task or activity can begin

255 Late Finish
The latest date a task or activity can end

256 Scheduled Start
The scheduled start for a task or activity based on resource needs

257 Scheduled Finish
The scheduled finish for a task or activity based on resource needs

258 Original Early Start
The saved baseline or planned early start before current changes

259 Original Early Finish
The saved baseline or planned early finish before current changes

260 Rest Day
A non-working day such a Saturday or Sunday

261 Rest Start
The beginning of a range for rest days (from)

262 Rest Finish
The end of a range of rest days (to)

263 Holiday
A non-working day reserved for a company or national holiday

264 Holiday Start
The beginning of a range for holidays (from)

265 Holiday Finish
The end of a range of holidays (to)

266 Base
The start of base date for a calendar reference - all dates fall after it

267 Timenow
The current reporting period reference, or current status

268 End Date of Support

269 Date Account Matures

270 Date Filed

271 Penalty End
Date on which penalty period ends

272 Exit Plant Date
Date at which the product leaves the manufacturing site

273 Latest On Board Carrier Date
Latest date on which the cargo must be on board the carrier

274 Requested Departure Date

275 Approved
Date report was approved by contractor representative

276 Contract Start
The start date for a contract

277 Contract Definition
The date the contract was definitized

278 Last Item Delivery
The date the last item will be delivered to the customer

279 Contract Completion
The finish date for a contract

280 Date Course of Orthodontics Treatment Began or is Expected to Begin

281 Over Target Baseline Month
The date a budget baseline went over the target budget amount

282 Previous Report
The date a previous report was submitted

283 Funds Appropriation - Start
The date that funds appropriation begins

284 Funds Appropriation - End
The date that funds appropriation ends

285 Employment or Hire
Date on which the subscriber or dependent is hired

286 Retirement
Date on which the subscriber became retired

287 Medicare
Range of dates when the subscriber or dependent is eligible to receive Medicare benefits

288 Consolidated Omnibus Budget Reconciliation Act (COBRA)
Range of COBRA coverage

289 Premium Paid to Date
Range of dates for which premium has been paid

290 Coordination of Benefits
Range for which coordination of benefits between insurers applies

291 Plan
Range of dates for which the plan is in effect

292 Benefit
Range of benefit coverage

293 Education
Range of dates when the subscriber or dependent is a student

294 Earnings Effective Date
Date on which earnings become effective for applicable benefits

295 Primary Care Provider
Range of dates for which the services of the primary care provider are in effect

296 Initial Disability Period Return To Work

297 Initial Disability Period Last Day Worked

298 Latest Absence
Latest occurrence of which the subscriber did not report to work

299 Illness

300 Enrollment Signature Date
Date subscriber or dependent signed policy enrollment card

301 Consolidated Omnibus Budget Reconciliation Act (COBRA) Qualifying Event
Date of the qualifying event which initiated COBRA benefits

302 Maintenance
Date on which the maintenance was performed

303 Maintenance Effective
Date on which the maintenance is effective

304 Latest Visit or Consultation
Date subscriber or dependent last visited or consulted with a physician

305 Net Credit Service Date
Date assigned by the employer to an employee who previously worked for them

306 Adjustment Effective Date
Date on which the adjustment went into effect

307 Eligibility
Range of dates when the subscriber or dependent were eligible for benefits

308 Pre-Award Survey

309 Plan Termination
Date on which the plan terminated

310 Date of Closing
The date a property is sold

311 Latest Receiving Date/Cutoff Date

312 Salary Deferral
Date on which the subscriber begins to defer a portion of their salary

313 Cycle
Range of dates as they pertain to a period of time

314 Disability
Range of dates on which the physical or mental condition rendered the subscriber or dependent disabled

315 Offset
Range of dates for which the subscriber or dependent will be receiving other income

316 Prior Incorrect Date of Birth
The incorrect date of birth that was previously transmitted

317 Corrected Date of Birth
Replaces previously transmitted incorrect date of birth

318 Added

319 Failed

320 Date Foreclosure Proceedings Instituted
The date the first legal action is taken to terminate an owner's interest in realty begins

321 Purchased
Date product/extended coverage was purchased

322 Put into Service
Date product, subassembly, or replacement part was put in-service

323 Replaced

324 Returned

325 Disbursement Date

326 Guarantee Date

327 Quarter Ending

328 Changed

329 Terminated
Any condition previously reported by the carrier as preventing the completion of a move or service has been terminated

330 Referral Date
The date when an educational official or teacher recommends that a student be evaluated for placement in a special education or other program

331 Evaluation Date
The date on which a student was assessed for placement in a special education or other program

332 Placement Date
The date which identifies when a student was enrolled in a special education or other program

333 Individual Education Plan (IEP)
The date on which the plan specifying the special education instruction and services which a student is to receive was approved

334 Re-evaluation Date
The date on which the student's placement in special education or other programs will be re-assessed

335 Dismissal Date
The date on which the student exited from a special education or other program

336 Employment Begin
Date on which the subscriber or dependent became employed

337 Employment End
Date on which the subscriber or dependent ceased to be employed

338 Medicare Begin
Date on which Medicare benefits went into effect

339 Medicare End
Date on which Medicare benefits ceased to be in effect

340 Consolidated Omnibus Budget Reconciliation Act (COBRA) Begin
Date on which COBRA benefits begin

341 Consolidated Omnibus Budget Reconciliation Act (COBRA) End
Date on which COBRA benefits end

342 Premium Paid to Date Begin
Date for which premium began to be applied

343 Premium Paid to Date End
Date for which premium is paid through

344 Coordination of Benefits Begin
Date on which Coordination of Benefits begin

345 Coordination of Benefits End
Date on which Coordination of Benefits end

346 Plan Begin
Date on which the plan begins

347 Plan End
Date on which plan ends

348 Benefit Begin
Date on which the subscriber's or dependent's benefit begin

349 Benefit End
Date on which the subscriber's or dependent's benefit ends

350 Education Begin
Date on which the subscriber or dependent became a student

351 Education End
Date on which the subscriber or dependent ceased to be a student

352 Primary Care Provider Begin
Date on which the subscriber's or dependent's primary care provider became effective

353 Primary Care Provider End
Date on which the primary care provider's service ended

354 Illness Begin
Date on which illness began

355 Illness End
Date on which illness ended

356 Eligibility Begin
Date on which eligibility begins

357 Eligibility End
Date on which eligibility ends

358 Cycle Begin
Date on which the cycle begins

359 Cycle End
Date on which the cycle ends

360 Initial Disability Period Start
Date on which the disability begins

361 Initial Disability Period End
Date on which the disability ends

362 Offset Begin
Date subscriber or dependent begins receiving other income

363 Offset End
Date other income benefits cease

364 Plan Period Election Begin
Date on which the pledged contribution begins

365 Plan Period Election End
Date on which the pledged contribution ended

366 Plan Period Election
Range of dates for which the subscriber has pledged to contribute toward a benefit

367 Due to Customer
Date an item is due to a customer

368 Submittal
Date an item was submitted to a customer

369 Estimated Departure Date

370 Actual Departure Date

371 Estimated Arrival Date

372 Actual Arrival Date

373 Order Start

374 Order End
Point after which data can no longer be used (or becomes invalid for use)

375 Delivery Start
The date that deliveries will begin

376 Delivery End
The date that deliveries will end

377 Contract Costs Through
Date through which the costs reported in the contractor's request for progress payment are current

378 Financial Information Submission
Date of the submission of contractor financial information

379 Business Termination

380 Applicant Signed

381 Cosigner Signed

382 Enrollment

383 Adjusted Hire
Date of rehire is adjusted to give an employee credit for prior years of service, after a break in service has occurred

384 Credited Service
Range of employment service used to determine the amount of plan benefits due the employee

385 Credited Service Begin
The start date from which an employee's length of service, as defined in the plan document, will be calculated

386 Credited Service End
The end date to be used in the calculation of an employee's length of service, as defined in the plan document

387 Deferred Distribution
Date to which the participant has elected to defer the distribution of plan benefits (for lump sum payments)

388 Payment Commencement
Date of the initial benefit payment (for installment payments)

389 Payroll Period
The applicable payroll date for the financial transaction

390 Payroll Period Begin
The start date of the payroll cycle for the financial transaction

391 Payroll Period End
The end date of the payroll cycle for the financial transaction

392 Plan Entry
Date the employee's participation in the plan is effective

393 Plan Participation Suspension
Date the participant is suspended from the plan

394 Rehire
Date the participant is rehired, after termination

395 Retermination
Date the participant ends employment, after being rehired

396 Termination
Date the participant ends employment

397 Valuation
The date when the participant's total account balance is calculated

398 Vesting Service
Range of employment service used to determine vesting for distribution of plan benefits

399 Vesting Service Begin
The start date from which an employee's vesting percentage, as defined in the plan document, will be calculated

400 Vesting Service End

401 Duplicate Bill

402 Adjustment Promised

403 Adjustment Processed

404 Year Ending

405 Production
Used to identify dates and times that operations or processes were performed

406 Material Classification
Used to identify dates and times materials were classified or reclassified

408 Weighed

409 Date of Deed in Lieu
The date a voluntary conveyance of a property by deed in lieu is recorded

410 Date of Firm Commitment
The date an obligation to ensure the mortgage is issued

411 Expiration Date of Extension to Foreclose
The last day of a given time limit to commence foreclosure

412 Date of Notice to Convey
The date of the authorization to assign the contractual rights of a mortgage

413 Date of Release of Bankruptcy
The date of release from bankruptcy status

414 Optimistic Early Start
Best case earliest date a task or activity can begin

415 Optimistic Early Finish
Best case earliest date a task or activity can end

416 Optimistic Late Start
Best case latest date a task or activity can begin

417 Optimistic Late Finish
Best case latest date a task or activity can end

418 Most Likely Early Start
Most likely earliest date a task or activity can begin

419 Most Likely Early Finish
Most likely earliest date a task or activity can end

420 Most Likely Late Start
Most likely latest date a task or activity can begin

421 Most Likely Late Finish
Most likely latest date a task or activity can end

422 Pessimistic Early Start
Worst case earliest date a task or activity can begin

423 Pessimistic Early Finish
Worst case earliest date a task or activity can end

424 Pessimistic Late Start
Worst case latest date a task or activity can begin

425 Pessimistic Late Finish
Worst case latest date a task or activity can end

426 First Payment Due

427 First Interest Payment Due

428 Subsequent Interest Payment Due

429 Irregular Interest Payment Due

430 Guarantor Received

431 Onset of Current Symptoms or Illness
Date first symptoms appeared

432 Submission
Date on which claim billing information was sent to payer

433 Removed

434 Statement
Date on which billing document was created

435 Admission
Date of entrance to a health care establishment

436 Insurance Card

437 Spouse Retirement
Date on which patient's husband or wife has retired from his or her place of employment

438 Onset of Similar Symptoms or Illness
Date symptoms related to current illness first appeared

439 Accident
Date mishap occurred

440 Release of Information
Date patient signified it was acceptable to distribute pertinent information to other parties

441 Prior Placement
Date medical device was last placed or arranged

442 Date of Death
Date life terminated

443 Peer Review Organization (PRO) Approved Stay
Start and end date of approved confinement

444 First Visit or Consultation
Date patient first sought medical assistance

445 Initial Placement
Date medical device was positioned or arranged

446 Replacement
Date medical device was reinstalled or rearranged

447 Occurrence
Date on which an event happened

448 Occurrence Span
Start and end date on which a span of events happened

449 Occurrence Span From
Date on which span of events started

450 Occurrence Span To
Date on which span of events ended

451 Initial Fee Due
Date the first of one or more payments is due

452 Appliance Placement
Date orthodontic devices were arranged

453 Acute Manifestation of a Chronic Condition
Date serious symptoms were exhibited for a long term illness

454 Initial Treatment
Date medical treatment first began

455 Last X-Ray
Date of the most recent x-ray

456 Surgery
Date on which operation was performed

457 Continuous Passive Motion (CPM)
Date patient began using a device to provide uninterrupted motion not produced by active efforts

458 Certification
Date of a document attesting to a fact

459 Nursing Home From
Date on which patient entered nursing home

460 Nursing Home To
Date on which patient was released from nursing home

461 Last Certification
Date of the most recent document attesting to a fact

462 Date of Local Office Approval of Conveyance of Occupied Real Estate Property
The date local office approves of the transfer of an occupied property

463 Begin Therapy
Date treatment of physical or mental disorder started

464 Oxygen Therapy From
Date treatment with oxygen started

465 Oxygen Therapy To
Date treatment with oxygen ceased

466 Oxygen Therapy
Begin and end dates of treatment with oxygen

467 Signature
Date on which the accompanying signature was received

468 Prescription Fill
Date on which drug order was filled

469 Provider Signature
Date supplier of medical service signified the service in question was, in fact, provided

470 Date of Local Office Certification of Conveyance of Damaged Real Estate Property
The date local office approves of the transfer of a damaged property or the date of the mortgagee's certification that adequate fire insurance was not obtainable

471 Prescription
Date on which prescription was written

472 Service

473 Medicaid Begin
Date patient became eligible for Medicaid benefits

474 Medicaid End
Date patient no longer eligible for Medicaid benefits

475 Medicaid
Start and end of effective period for Medicaid

476 Peer Review Organization (PRO) Approved Stay From
Date start of confinement was approved

477 Peer Review Organization (PRO) Approved Stay To
Date confinement approval ceased

478 Prescription From
Start of prescription period

479 Prescription To
End of prescription period

480 Arterial Blood Gas Test
Date of test to determine gas content in blood circulating from the heart, at rest, breathing room air

481 Oxygen Saturation Test
Date on which oxygen saturation testing occurred

482 Pregnancy Begin
Date pregnancy estimated to begin

483 Pregnancy End
Date pregnancy end, whether normal or abnormal delivery

484 Last Menstrual Period

485 Injury Begin
Date damage was inflicted to the body by an external source

486 Injury End
Date damage inflicted to the body by an external source ceased

487 Nursing Home
Facility for those unable to care for themselves

488 Collateral Dependent
Range of collateral dependent coverage

489 Collateral Dependent Begin
Date on which collateral dependent coverage begins

490 Collateral Dependent End
Date on which collateral dependent coverage ends

491 Sponsored Dependent
Range of sponsoring dependent coverage

492 Sponsored Dependent Begin
Date on which sponsored dependent coverage begins

493 Sponsored Dependent End
Date on which sponsored dependent coverage ends

494 Deductible
Date for which deductible is applied

495 Out-of-Pocket
Date for which out of pocket is applied

496 Contract Audit Date

497 Latest Delivery Date at Pier

498 Mortgagee Reported Curtailment Date
The date the mortgagee failed to meet a mandatory time requirement

499 Mortgagee Official Signature Date
The date the mortgagee's representative signs the claim for mortgage insurance benefits form

500 Resubmission
Date when original transaction should be resubmitted for further consideration

501 Expected Reply
Date when response may be expected

502 Dropped to Less than Half Time
Date on which the student ceased to be enrolled at least half time

503 Repayment Begin
Date on which repayment of the loan begins

504 Loan Servicing Transfer
Date on which the loan is transferred from one servicer to another servicer

505 Loan Purchase
Date on which the ownership of the loan changes

506 Last Notification
Date on which the lender was last notified of the less-than-half time information

507 Extract
Date on which the file was extracted from the database

508 Extended
The extended date for a performance requirement

509 Servicer Signature Date
The date an authorized representative of the lender servicing the mortgage signs the claim for mortgage insurance benefits form

510 Date Packed

511 Shelf Life Expiration

512 Warranty Expiration

513 Overhauled

514 Transferred

515 Notified

516 Discovered

517 Inspected

518 Voucher (Date of)

519 Date Bankruptcy Filed
Date of last bankruptcy action

520 Date of Damage
The date that the property became damaged

521 Date Hazard Insurance Policy Cancelled
The date the hazard insurance policy was cancelled

522 Expiration Date to Submit Title Evidence
The last day of an approved extension to submit title evidence without penalty

523 Date of Claim
The date the claim form is prepared

524 Date of Notice of Referral for Assignment
The date mortgagors are notified in writing that it is their lender's opinion that they are qualified for an assignment program and that their defaulted mortgage should be assigned

525 Date of Notice of Probable Ineligibility for Assignment
The date mortgagors are notified in writing that it is their lender's opinion that they are not qualified for an assignment program but they may apply directly to the program sponsor for consideration

526 Date of Foreclosure Notice
The date the mortgagee notifies the mortgage insurer that foreclosure has been initiated

527 Expiration of Foreclosure Timeframe
The last day of an extension of the time requirement to institute foreclosure proceedings on an insured mortgage

528 Date Possessory Action Initiated
The date the mortgagee initiates action to take possession of a property secured by a mortgage in default

529 Date of Possession
The date a mortgagee acquires possession of a property secured by a mortgage in default

530 Date of Last Installment Received

531 Date of Acquisition of Title
The date the mortgagee acquires good and marketable title to a property secured by a mortgage in default

532 Expiration of Extension to Convey
The last day of an extension of the time requirement to convey a property

533 Date of Assignment Approval
The date approval is given to assign the contract rights of a mortgage

534 Date of Assignment Rejection
The date a request to assign the contract rights of a mortgage is rejected

535 Curtailment Date from Advice of Payment
The date to which interest was curtailed

536 Expiration of Extension to Submit Fiscal Data
The date of the expiration of extension given to submit fiscal data

537 Date Documentation, or Paperwork, or Both Was Sent

538 Makegood Commercial Date

539 Policy Effective

540 Policy Expiration

541 Employee Effective Date of Coverage

542 Claim Administrator Notified of Employee Legal Representation

543 Last Premium Paid Date

544 Employer Knowledge of the Injury

545 Claim Administrator Knowledge of the Injury

546 Date of Maximum Medical Improvement

547 Date of Loan

548 Date of Advance

549 Beginning Lay Date
First date a vessel may call at the port

550 Certificate Effective

551 Benefit Application Date

552 Actual Return to Work

553 Released Return to Work

554 Ending Lay Date
Date by which the vessel will call at the port

555 Employee Wages Ceased

556 Last Salary Increase

557 Employee Laid Off

558 Injury or Illness

559 Oldest Unpaid Installment
The due date of the oldest complete mortgage payment that has not been paid

560 Preforeclosure Acceptance Date
The date that the mortgagor and the mortgagee accept a preforeclosure acceptance plan

561 Preforeclosure Sale Closing Date
The date that the mortgagor and the mortgagee accept a preforeclosure sales closing plan

562 Date of First Uncured Default

563 Date Default Was Cured

564 Date of First Mortgage Payment

565 Date of Property Inspection

566 Date Total Amount of Delinquency Reported

567 Date Outstanding Loan Balance Reported

568 Date Foreclosure Sale Scheduled

569 Date Foreclosure Held

570 Date Redemption Period Ends

571 Date Voluntary Conveyance Accepted
The date voluntary conveyance of the property by the mortgagee holding the defaulted mortgage is accepted by the Federal Housing Commissioner

572 Date Property Sold

573 Date Claim Paid

574 Action Begin Date
The date a resolution action such as scheduling a repayment plan or a delay action such as Chapter 7 bankruptcy filing begins

575 Projected Action End Date

576 Action End Date

577 Original Maturity Date

578 Date Referred to Attorney for Foreclosure

579 Planned Release

580 Actual Release

581 Contract Period

582 Report Period

583 Suspension

584 Reinstatement

585 Report

586 First Contact

587 Projected Foreclosure Sale Date

589 Date Assignment Filed for Record
The date the transfer of the contract right to real estate is filed for record with the recording authority

590 Date of Appraisal
The date the value of a property is assessed

591 Expiration Date of Extension to Assign
The last day of a given time limit to assign the contractual rights of a mortgage

592 Date of Extension to Convey
The last day of a given time limit to complete the transfer of real property

593 Date Hazard Insurance Policy Refused
The date the insurance carrier refused to renew the policy on a property

594 High Fabrication Release Authorization
The date of the purchaser's program number that authorizes the highest amount of material production

595 High Raw Material Authorization
The date of the purchaser's program number that authorizes the highest amount of raw material or purchased components in their original state to be secured for production

596 Material Change Notice

597 Latest Delivery Date at Rail Ramp

598 Rejected

599 Repayment Schedule Sent

600 As Of

601 First Submission

602 Subsequent Submission

603 Renewal

604 Withdrawn

606 Certification Period Start

607 Certification Revision

608 Continuous Coverage Date(s)

609 Prearranged Deal Match

610 Contingency End

611 Oxygen Therapy Evaluation
The date the patient was last examined by the physician to determine the need for oxygen therapy

612 Shut In
The date when the valves are closed or the pump is stopped at the wellhead

613 Allowable Effective
The date the report is effective for allowable purposes

614 First Sales

615 Date Acquired

616 Interviewer Signed

617 Application Logged Date

618 Review Date

619 Decision Date

620 Previously Resided

621 Reported

622 Checked

623 Settled

624 Presently Residing
625 Employed in this Position
626 Verified
627 Second Admission Date
Date of second admission to a health care facility which occurred during the service period of this claim
629 Account Opened
630 Account Closed
631 Property Acquired
632 Property Built
633 Employed in this Profession
634 Next Review Date
635 Initial Contact Date
636 Date of Last Update
637 Second Discharge Date
Date of second discharge from a health care facility which occurred during the service period of this claim
638 Date of Last Draw
640 Complaint
641 Option
642 Solicitation
643 Clause
644 Meeting
646 Rental Period
647 Next Pay Increase
648 Period Covered by Source Documents
649 Document Due
650 Court Notice
651 Expected Funding Date
652 Assignment Recorded
653 Case Reopened
655 Previous Court Event
656 Last Date to Object
657 Court Event
658 Last Date to File a Claim
659 Case Converted
660 Debt Incurred
661 Judgment
662 Wages Start
663 Wages End
664 Date Through Which Property Taxes Have Been Paid
665 Paid Through Date
666 Date Paid
667 Anesthesia Administration

668 Price Protection
669 Claim Incurred
The date a debt or obligation arises or is incurred
670 Book Entry Delivery
671 Rate Adjustment
672 Next Installment Due Date
673 Daylight Overdraft Time
Time a Fed Wire is processed by the Federal Reserve
674 Presentment Date
Date a Letter of Credit is presented
675 Negotiated Extension Date
New date to which a Letter of Credit extension is negotiated
681 Remittance
682 Security Rate Adjustment
683 Filing Period
684 Review Period End
685 Requested Settlement
686 Last Screening
687 Confinement
688 Arrested
689 Convicted
690 Interviewed
691 Last Visit
692 Recovery
693 Time in U.S.
694 Future Period
Range of future activity
695 Previous Period
Range of previous activity
696 Interest Paid To
697 Date of Seizure
699 Setoff
Date creditor reduced claim by amount of debtor's claim against creditor
700 Override Date for Settlement
701 Settlement Date (From Interline Settlement System (ISS) only)
702 Sending Road Time Stamp
703 Retransmission Time Stamp
704 Delivery Appointment Date and Time
The date and time associated with an appointment number
705 Interest Paid Through
706 Date Material Usage Suspended
707 Last Payment Made
708 Past Due
709 Analysis Month Ending
710 Date of Specification

711 Date of Standard
712 Return to Work Part Time
713 Paid-through Date for Salary Continuation
714 Paid-through Date for Vacation Pay
715 Paid-through Date for Accrued Sick Pay
716 Appraisal Ordered
717 Date of Operation
718 Best Time to Call
719 Verbal Report Needed
720 Estimated Escrow Closing
721 Permit Year
722 Remodeling Completed
723 Current Month Ending
724 Previous Month Ending
725 Cycle to Date
726 Year to Date
727 On Hold
728 Off Hold
729 Facsimile Due By
730 Reporting Cycle Date
731 Last Paid Installment Date
732 Claims Made
Date that determines Liability coverage under a Claims Made policy
733 Date of Last Payment Received
734 Curtailment Date
736 Pool Settlement
737 Next Interest Change Date
738 Most Recent Hemoglobin or Hematocrit or Both
739 Most Recent Serum Creatine
740 Closed
741 Therapy
742 Implantation
743 Explantation
744 Date Became Aware
745 First Marketed
746 Last Marketed
747 New Due Date of First Payment to Principal and Interest
748 New Maturity Date
749 Current
750 Expected Problem Resolution
The date and time by which resolution of a problem is expected to occur
751 Alternate Problem Resolution
The alternate date and time by which resolution of a problem should occur, if the expected problem resolution date and time cannot be met

752 Fee Capitalization
753 Interest Capitalization
754 Next Payment Due
755 Conversion to Repayment
756 End of Grace Period
757 School Refund
758 Simple Interest Due
759 Date Practice Ceased
760 Printed
761 Date Practice Established
762 Drop Action Date
764 Most Recent Renewal
765 Original
766 Outside Auditor's Report
769 Pre-certification Date
770 Back on Market
771 Status
772 Benefit Adjustment Start
773 Off-Market
774 Tour
775 Benefit Adjustment End
776 Listing Received
777 Benefit Adjustment Period
778 Anticipated Closing
779 Last Publication
780 Sold Book Publication
Publication Date of Multiple Listing Book of Sold Property
781 Occupancy
782 Contingency
783 Percolation Test
784 Septic Approval
785 Title Transfer
786 Open House
787 Benefit Credit Period
788 Benefit Transfer Period
789 Homestead
790 Sanction
791 Tail Coverage Begin
Extension of liability coverage begin date
792 Tail Coverage End
Extension of liability coverage end date
793 Training Begin
794 Training End
795 Verification Received

796 Verification Sent
797 State Residency Date
798 Effective Date of the Routing File
799 Test Data Analysis
800 Midpoint of Performance
801 Acquisition Date
802 Date of Action
803 Paid in Full
804 Refinance
805 Voluntary Termination
806 Customer Order
807 Stored
808 Selected
809 Posted
810 Document Received
811 Rebuilt
812 Marriage
813 Customs Entry Date
814 Payment Due Date
815 Maturity Date
816 Trade Date
817 Gallons Per Minute (GPM) Test Performed
818 British Thermal Unit (BTU) Test Performed
819 Last Accounts Filed at Public Registration Agency
820 Real Estate Tax Year
821 Final Reconciliation Value Estimate as of
822 Map
823 Opinion
824 Version
825 Original Due Date
826 Incumbency Period
827 Audience Deficiency Period
828 Aired Date
830 Schedule
831 Paid Through Date for Minimum Payment
832 Paid Through Date for Total Payment
840 Election
841 Engineering Data List
842 Last Production
843 Not Before
844 Not After
845 Initial Claim
846 Benefits Paid

847 Wages Earned
848 Adjusted Start
849 Adjusted End
850 Revised Adjusted Start
851 Revised Adjusted End
853 Field Test
854 Mortgage Note Date
855 Alternative Due Date
856 First Payment Change
857 First Rate Adjustment
858 Alternate Base Period
859 Prior Notice
860 Appointment Effective
861 Appointment Expiration
862 Company Termination
863 Continuing Education Requirement
864 Distributor Effective
865 Distributor Termination
866 Examination
867 Incorporation Dissolution
868 Last Follow-up
869 License Effective
870 License Expiration
871 License Renewal
872 License Requested
873 Mailed
874 Paperwork Mailed
875 Previous Employment
876 Previous Employment End
877 Previous Employment Start
878 Previous Residence
879 Previous Residence End
880 Previous Residence Start
881 Request
882 Resident License Effective
883 Resident License Expiration
884 State Termination
885 Texas Line Termination
900 Acceleration
901 Adjusted Contestability
903 Application Entry
904 Approval/Offer
905 Automatic Premium Loan

906 Collection
907 Confinement End
908 Confinement Start
909 Contestability
910 Flat Extra End
911 Last Activity
912 Last Change
913 Last Episode
914 Last Meal
915 Loan
916 Application Status
917 Maturity
918 Medical Information Signature
919 Medical Information System
920 Note
921 Offer Expiration
922 Original Receipt
923 Placement
924 Placement Period Expiration
925 Processing
926 Recapture
927 Re-entry
928 Reissue
930 Requalification
931 Reinsurance Effective
932 Reservation of Facility
933 Settlement Status
934 Table Rating End
935 Termination of Facility
936 Treatment
937 Department of Labor Wage Determination Date
938 Order
939 Resolved
940 Execution Date
941 Capitation Period Start
942 Capitation Period End
943 Last Date for a Government Agency to File a Claim
944 Adjustment Period
945 Activity
946 Mail By
947 Preparation
948 Payment Initiated
949 Payment Effective

950 Application
951 Reclassification
952 Reclassification (Exit Date)
953 Post-Reclassification
954 Post-Reclassification (First Report Card)
955 Post-Reclassification (First Semi-annual)
956 Post-Reclassification (Second Semi-annual)
957 Post-Reclassification (End of Second Year)
960 Adjusted Death Benefit
961 Anniversary
962 Annuitization
963 Annuity Commencement Date
Expiration of annuity accumulation contract
964 Bill
965 Calendar Anniversary
Adjusted plan anniversary date
966 Contract Mailed
967 Early Withdrawal
Pre age 59 withdrawal from qualified plan
968 Fiscal Anniversary
969 Income
Date annuity payments commence
970 Initial Premium
971 Initial Premium Effective
972 Last Premium Effective
973 Minimum Required Distribution
Internal Revenue Service required latest distribution start date
974 Next Anniversary
975 Notice
976 Notification of Death
977 Partial Annuitization
978 Plan Anniversary
Anniversary date adjusted to nearest business day
979 Policy Surrender
980 Prior Contract Anniversary
981 Prior Contract Issue
982 Signature Received
983 Tax
984 Benefit Period
985 Month to Date
986 Semiannual Ending
987 Surrender
988 Plan of Treatment Period
989 Prior Hospitalization Date(s) Related to Current Service(s)

990 Original Name Change
992 Date Requested
993 Request for Quotation
The reference date associated with a specifically numbered request for quotation
994 Quote
The date on which a (price) quote was rendered
995 Recorded Date
996 Required Delivery
A date on which or before, ordered goods or services must be delivered
997 Quote to be Received By
A date on which or before a quote must be received at a location specified in an RFQ
998 Continuation of Pay Start Date
999 Document Date
AA1 Estimated Point of Arrival
AA2 Estimated Point of Discharge
AA3 Cancel After, Ex Country
AA4 Cancel After, Ex Factory
AA5 Do Not Ship Before, Ex Country
AA6 Do Not Ship Before, Ex Factory
AA7 Final Scheduled Payment
AA8 Actual Discharge
AA9 Address Period
AAA Arrival in Country
AAB Citation
AAC Suspension Effective
AAD Crime
AAE Discharge - Planned
AAF Draft
AAG Due Date
AAH Event
AAI First Involvement
AAJ Guarantee Period
AAK Income Increase Period
AAL Installment Date
AAM Last Civilian Flight
AAN Last Flight
AAO Last Insurance Medical
AAP Last Military Flight
AAQ Last Physical
AAR License
AAS Medical Certificate
AAT Medication
AAU Net Worth Date
AAV Next Activity

AAW Ownership Change
AAX Ownership Period
AAY Rate Date
AAZ Requested Contract
AB1 Requested Offer
AB2 Sales Period
AB3 Tax Year
AB4 Time Period
AB5 Travel
AB6 Treatment End
AB7 Treatment Start
AB8 Trust
AB9 Worst Time to Call
ABA Registration
ABB Revoked
ABC Estimated Date of Birth
ABD Last Annual Report
ABE Legal Action Started
ABF Lien
ABG Payment Period
ABH Profit Period
ABI Registered
ABK Consolidated
Date businesses consolidated or merged
ABL Board of Directors Not Authorized As Of
ABM Board of Directors Incomplete As Of
ABN Manager Not Registered As Of
ABO Citizenship Change
ABP Participation
ABQ Capitalization
ABR Registration of Board of Directors
ABS Ceased Operations
ABT Satisfied
ABU Terms Met
ABV Asset Documentation Expiration
ABW Credit Documentation Expiration
ABX Income Documentation Expiration
ABY Product Held Until
ACA Immigration Date
ACB Estimated Immigration Date
ACC Current Disability Period Start
ACD Current Disability Period End
ACE Current Disability Period Last Day Worked

ACF Benefit Type Gross Weekly Amount Effective
ACG Benefit Type Net Weekly Amount Effective
ACH Benefit Type Period Start
ACI Benefit Type Period End
ACJ Benefit Debit Start
ACK Acknowledgment
ACL Benefit Debit End
ACM Benefit Credit Start
ACN Benefit Credit End
ACO Benefit Transfer Start
ACP Benefit Transfer End
ACQ Wage Effective
ACR Full Denial Effective
ACS Full Denial Rescission
ACT Payment Issue
ACU Payment Period Start
ACV Payment Period End
ACW Employer Reported Injury To Claim Administrator
ACX Survey Year
ACZ Controvert Date
ADA Billed Through
ADB Business Control Change
ADC Court Registration
ADD Annual Report Due
Date annual report will be due with state
ADE Claim Notification Received
ADF Conversion Privilege End
ADG Dividend Applied
ADH In-force
ADI Paid-up
ADJ Premium Change
ADK Policy Effective on or before
ADL Asset and Liability Schedule
ADM Annual Report Mailed
Date annual report was mailed when last filed with state corporate authorities
ADN Policy Effective on or after
ADR Annual Report Filed
Date annual report last filed with state corporate authorities
ADS Audit Period After Split Date
ADT Audit Period Prior to Split Date
ADU Exposure Source Period
ADV Subcontractor Period of Hire
ADW Divorce
ADX Power of Attorney

ADY Uniform Gifts to Minors Account Established
AEA Medicare Part A Eligibility Begin Date
AEB Medicare Part A Eligibility End Date
AEC Medicare Part A Coverage Effective Date
AED Medicare Part A Termination Date
AEE Medicare Part B Eligibility Begin Date
AEF Medicare Part B Eligibility End Date
AEG Medicare Part B Coverage Effective Date
AEH Medicare Part B Termination Date
AEI Loading Period
AEK Date on which Assets Judged Insufficient to Pay Creditors
AEL Employees Temporarily Laid Off Begin Period
AEM Employees Temporarily Laid Off End Period
AEN First Published
AEO Forecast Period Start
AEP Forecast Period End
AEQ Investigation Start
AER Investigation End
AES Last Published
AET Latest Balance Sheet
AEU Share Price
AEV Stop Distribution
AEW Maximum Credit Date
Date of highest credit provided to entity by a vendor
AEX Founding Date
AEY Repayment Plan Start Date
AFA Medicare Part D Eligibility Begin Date
AFB Medicare Part D Eligibility End Date
AFC Medicare Part D Coverage Effective Date
AFD Medicare Part D Termination Date
ARD Annual Report Delinquency
Date annual report will be delinquent with state corporate authorities
AWH Withheld Date
BAA Compliance Audit
BAB Contractor Safety Performance Evaluation
BAC Contractor Safety Procedures Review
BAD Date of Equipment Inspection
BAE Date of Safety Inspection
BAF Employees Participation Plan Review
BAG Expected Completion of Changes Resulting from Compliance Audit
BAH Expected Completion of Changes Resulting from Process Hazard Analysis
BAI Expected Completion of Changes Resulting from Hazard Review
BAJ Hazard Review Completion
BAK Hot Work Permit Procedures Review

BAL Investigation
BAM Maintenance Procedures Review
BAN Management of Change Procedures Review
BAO Operating Procedures Review
BAP Safety Information Review
BAQ Training
BAR Training Program Review
BED Billback End Date
BEE Program Performance End Date
BES Program Performance Start Date
BGP Beginning of Grace Period
BIA Billing Activities
Date of earliest billing action through date of latest billing action
BIP Beginning of Interest Paid After Claim
BSD Billback Start Date
CAD Changed Accounting Date
CCR Customs Cargo Release
CDD Contract Definitization Date
CDE Campaign End Date
CDS Campaign Start Date
CDT Maintenance Comment
CEA Formation
CEB Continuance
CEC Merger
CED Year Due
CEE Next Annual Meeting
CEF End of Last Fiscal Year
CEH Year Beginning
CEJ Started Doing Business
CEK Sworn and Subscribed
CEL Calendar Year
CEM Asset
CEN Inactivity
CEO High Capital Year
CLO Closing Date of First Balance Sheet
CLU Closed Until
COM Compliance
CON Converted into Holding Company
COS Care of Supplies in Storage Inspection Date
Identifies the date that items in storage were last inspected
CPA Consumer Product Availability Date
CPD Consumer Product Information Publication Date
CPE Consumer Product Variant End Effective Date
The end effective date for Consumer Product Variant, which the supplier determines.

Includes time.

CPF Consumer Product Variant Discontinued Date
The date on which the consumer product variant of the trade item, which has been manufactured, is no longer being manufactured. Includes time.

CPG Consumer Product Variant Cancelled Date
The date on which the cancellation of the consumer product variant launch of a trade item that was never, and will never be manufactured, occurs. Includes time.

CPS Consumer Product Variant Start Effective Date
The start effective date for a Consumer Product Variant product, which the supplier determines. Includes time.

CRV Claim Revised

CSD Campaign Start Date

CSE Campaign End Date

CUR Current List

CVD Community Visibility
The date assigned by the data source when product information is available to their trading partners. Prior to this date product information was restricted.

DAF Account Frozen

DDO Declaration

DEE Deed Not Available

DEL Delete

DET Detrimental Information Received

DFF Deferral

DFS Departure From Specification

DIL Deed In Lieu (DIL) Approved

DIP Delayed Interest Paid Through

DIS Disposition

DLC Date of Last Contact

DOA Date of Abandonment

DOD Date of Delinquency

DOI Delivery Order Issued

DOR Repossession

DSP Disposal

DTC Deed and Title Received

DTD Technical Data Supply By

DTQ Deed and Title Requested

E01 Tenure Decision

E02 Most Recent Position Change

E03 Fee Payment

E04 Start Date for Continuous Employment

E05 Start Date for Current Position

E06 Start Date for Original Position

E07 Fiscal Year

EAD End Availability Date
The date from which the trade item is no longer available from the information provider.

ECD Estimated Construction Date
ECF Estimated Completion - First Prior Month
ECS Estimated Completion - Second Prior Month
ECT Estimated Completion - Third Prior Month
EDA Affirmed
EDB Auction
EDC Authorized
EDD Contribution
EDE Executed
EDF Forgiven
EDG Presented
EDH Legislative Session
EDI Organized
EDJ Pledged
EDK Primary Election
EDL Qualified
EDM Refunded
EDN Rescinded
EDO Restructured From
EDP Vote
EKD Employer Knowledge of the Disability
EMM End Date Maximum Buying Quantity
END End Date Minimum Buying Quantity
EPP Estimate Preparation
ESC Estimate Comment
ESD Effective Start Date
Date on which the master data becomes available
ESF Estimated Start - First Prior Month
ESS Estimated Start - Second Prior Month
EST Estimated Start - Third Prior Month
ETP Earliest Filing Period
EXO Exposure
EXP Export
FAC Facility Latest Billing Action
Date of most recent billable service provided during a spell of illness
FEB Facility Earliest Billing Action
Date of the earliest billable service provided during a spell of illness
FED Future Effective Date
Used to identify the future effective date of a change to a cataloging item
FFI Financial Information
FFO First Order
FIA Final Interest Accrual
FPE Funding Period - End
FPS Funding Period - Start

FSD First Available Ship Date
FSE Free Service Call End Date
FSS Free Service Call Start Date
GRD Graduated
HHD Home Health Date of Earliest Billable Action
Date of the earliest billable service provided by a home health provider during an episode
HHE Home Health Episode
Dates during which a patient is under the care of a home health agency
HHL Home Health Date of Latest Billable Action
Date of the most recent billable service provided by a home health provider during an episode
HTD Host Train Date
ICF Converted to Electronic Date
IDG Insolvency Discharge Granted
IFH Initial Federal Housing Authority Claim Payment
III Incorporation
ILU Image Last Update Date
IMB Imbalance Period
IMP Import
INC Incident
INT Inactive Until
IPS Interest on Presale Start
IVA Initial Veterans Administration Claim Payment
KEV Key Event Fiscal Year
KEW Key Event Calendar Year
LAM Last Annual Meeting
LAS Last Check for Balance Sheet Update
LCC Last Capital Change
Date capital stock was last modified
LEA Letter of Agreement
LEL Letter of Liability
LIQ Liquidation
LLP Low Period
LOG Equipment Log Entry
LPC List Price Change
LSC Legal Structure Change
LSD Last Submission Date
LTP Latest Filing Period
MRR Meter Reading
MSD Latest Material Safety Data Sheet Date
NAM Present Name
NFD Negotiated Finish
NOD Notice of Delinquency (NOD) Received
NRG Not Registered

NSD Negotiated Start

OCD Organic Certification Date
The date that the organic certification was issued by the organic certification agency

ORG Original List

PBC Present Control

PCP Primary Coverage Claim Paid

PCS Primary Coverage Claim Submission

PCT Price Changes Allowed From Date

PCU Price Changes Allowed To Date

PDA Product Discontinued but Still Available
Production on the product has been discontinued as of the specified date, but existing stock is still available

PDE Partial Denial Effective

PDR Partial Denial Rescission

PDS Correct Program Start Date

PDT Correct Program End Date

PDU Correct Contract Start Date

PDV Privilege Details Verification

PDW Correct Contract End Date

PED Program End Date

PIS Product Image Start Date
The date the product image is available for use

PLS Present Legal Structure

PME Packaging Material Effective Date
The effective date when the packaging materials for a product are made available

PPC Pool Policy Claim Submission

PPD Post Paid Date
The last date a tax authority posted tax payments

PPP Peak Period

PRD Previously Reported Date of Birth

PRR Presented to Receivers

PSA Property Sale Approved

PSC Property Sale Closed

PSD Program Start Date

PSF Property Sale Confirmation

PTD Paid To Date

PTO Planned Obsolescence Item
The date the item status is changed to reflect it being phased out of production. It is still currently available for sale.

PUD Pick-up Date

RAP Receiver Appointed

REM Remanufacture Date
The date a product was refurbished by renovating and reassembling its components

RES Resigned

RFD Requested Finish

RFF Recovery Finish
RFO Referred From
RNT Rent Survey
RRM Received in the Mail
RRT Revocation
RSD Requested Start
RSS Recovery Start
RTO Referred To
SCV Social Security Claims Verification
SDD Sole Directorship Date
SDM Start Date Maximum Buying Quantity
SFH Subsequent Federal Housing Authority Claim Payment
SMB Start Date Minimum Buying Quantity
SPD Initial Support Date
SPE Suggested Retail Price Effective Date
SRP Scaling and Root Planing
STN Transition
SVA Subsequent Veterans Administration Claim Payment
TSR Trade Style Registered
TSS Trial Started
TST Trial Set
TTD Tenant Train Date
UPF Updated Policy Effective Date
UPX Updated Policy Expiration Date
VAT Value Added Tax (VAT) Claims Verification
VLU Valid Until
W01 Sample Collected
W02 Status Change
W03 Construction Start
W05 Recompletion
W06 Last Logged
W07 Well Log Run
W08 Surface Casing Authority Approval
W09 Reached Total Depth
W10 Spacing Order Unit Assigned
W11 Rig Arrival
W12 Location Exception Order Number Assigned
W13 Sidetracked Wellbore
WAA Time Employee Began Work
WAY Waybill
XX1 Order Day
Day of week when an order may be placed
XX2 Delivery Day
Day of week when an order delivery will occur

XX3 Order Cut-Off Time
Latest time-of-day when an order may be placed

XX5 Active Item
Date item is available for sale

XX6 Mature Item
The date an active product becomes reclassified as mature. The product is still available for sale. This informs the trading partner a newer product or version is available.

XX7 Introductory Item
The date a new item is introduced to the supply chain.

XX8 Obsolete Item
The date the Item is no longer available to order.

Y11 Best Before Date
The date up to which a product's quality--including taste, texture, aroma and appearance--should be at its best assuming it is handled and stored according to package guidelines; the food is considered safe to eat after the 'best before' date but might not be at its best quality

Y12 Harvest Date
The date the crop was cut, picked or removed from the soil or other growing media

Y13 Rebuttal Date
Identifies the Rebuttal Date

Y14 Support to Action Date
Date by which a Support Point is expected to forward information or complete tasks related to a PQDR

Y15 Inpatient Stay
Date range of inpatient stay at a health care facility

YXX Programmed Fiscal Year

YXY Programmed Calendar Year

ZZZ Mutually Defined

375 - Tariff Service Code

Code specifying the types of services for rating purposes TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
B2 B3 Y1 Y3

TRANSACTION SETS USED IN
110 204 210 300 301 304 310 312 859

CODE	DEFINITION & EXPLANATION
1A	Domestic Motor Van Door-to-Door Interstate *Rate applies to domestic door-to-door interstate motor carrier service*
1B	Domestic Motor Van Door-to-Door Intrastate *Rate applies to domestic door-to-door intrastate motor van carrier service*
2A	Domestic Container Van Door-to-Door Interstate *Rate applies to domestic door-to-door interstate motor van service*
2B	Domestic Container Van Door-to-Door Intrastate *Rate applies to domestic door-to-door intrastate container van service*
B1	Unaccompanied Baggage for Domestic Commercial Air Transport
B2	Unaccompanied Baggage for Domestic Transport Not Otherwise Identified
B3	Unaccompanied Baggage for Intertheater Military Air Transport
B4	Unaccompanied Baggage for Intratheater Military Water Transport
B5	Unaccompanied Baggage for Intratheater Commercial Motor Transport
BA	Unaccompanied Baggage for Domestic Commercial Motor Transport
BB	Barge-to-Barge *Rate applies for shipments in barge carrier terminal-to-barge carrier terminal service*
BC	Unaccompanied Baggage for Domestic Military Air Transport
BD	Barge-to-Door *Rate applies for shipments in barge carrier terminal-to-door service*
BE	Unaccompanied Baggage for International Military Water Transport
BF	Unaccompanied Baggage for International Commercial Air Transport
BG	Unaccompanied Baggage for International Military Air Transport
BH	Unaccompanied Baggage for International Transport Not Otherwise Identified
BK	Unaccompanied Baggage for Intertheater Military Water Transport
BL	Unaccompanied Baggage for Intertheater Commercial Air Transport
BM	Barge-to-Motor *Rate applies for shipments in barge carrier terminal-to-motor service*
BN	Unaccompanied Baggage for Intertheater Transport Not Otherwise Identified
BO	Barge-to-Terminal *Rate applies for shipments in barge carrier terminal-to-ocean carrier's port/terminal service*
BP	Barge-to-Pier *Rate applies for shipments in barge carrier terminal-to-rail carrier terminal service*
BR	Barge-to-Rail *Rate applies for shipments in barge carrier terminal-to-rail carrier terminal service*
BW	Unaccompanied Baggage for Intratheater Commercial Air Transport

BX Unaccompanied Baggage for Intratheater Military Air Transport

BY Unaccompanied Baggage for Intratheater Transport Not Otherwise Identified

DB Door-to-Barge
Rate applies for shipments in door-to-barge carrier's terminal service

DD Door-to-Door
Rate applies for shipments in door-to-door service

DM Door-to-Motor
Rate applies for shipments in door-to-motor terminal service

DO Door-to-Terminal
Rate applies for shipments in door-to-ocean carrier's port/terminal service

DP Door-to-Pier
Rate applies for shipments in door-to-ocean carrier's port/terminal pier service

DR Door-to-Rail
Rate applies for shipments in door-to-rail terminal service

EC Rate Applies for Economy Transportation Service

H1 Household Goods for International Transport Not Otherwise Identified

H2 Household Goods for Intratheater Military Water Transport

HA Household Goods for Domestic Commercial Motor Transport

HB Household Goods for Domestic Commercial Air Transport

HC Household Goods for Domestic Military Air Transport

HD Household Goods for Domestic Transport Not Otherwise Identified

HE Household Goods for International Military Water Transport

HF Household Goods for International Commercial Air Transport

HG Household Goods for International Military Air Transport

HH House-to-House
Rate applies for cargo shipped in containers where the stuffing and stripping thereof is performed by or for the account of the shipper and/or consignee at their respective locations beyond ocean carrier's port terminals

HK Household Goods for Intertheater Military Water Transport

HL Household Goods for Intertheater Commercial Air Transport

HM Household Goods for Intertheater Military Air Transport

HN Household Goods for Intertheater Transport Not Otherwise Identified

HP House-to-Pier
Rate applies for cargo shipped in containers where the stuffing is performed by or for the account of the shipper at its facility beyond the ocean carriers' origin port terminal and the stripping thereof is performed by or for the account of the ocean carrier at the destination port terminal

HR Household Goods for Intratheater Commercial Motor Transport

HW Household Goods for Intratheater Commercial Air Transport

HX Household Goods for Intratheater Military Air Transport

HY Household Goods for Intratheater Transport Not Otherwise Identified

MB Motor-to-Barge
Rate applies for shipments in motor carrier terminal-to-barge carrier terminal service

MD Motor-to-Door
Rate applies for shipments in motor carrier terminal-to-door service

ML Rate applies for Mini-Landbridge

MM Motor-to-Motor
Rate applies for shipments in motor carrier terminal-to-ocean carrier's port/terminal service

MO Motor-to-Terminal
Rate applies for shipments in motor carrier terminal-to-ocean carriers port/terminal service

MP Motor-to-Pier
Rate applies for shipments in motor carrier terminal-to-ocean carrier's port/terminal pier service

MR Motor-to-Rail
Rate applies for shipments in motor carrier terminal-to-rail carrier terminal service

ND Rate Applies for Next Day Transportation Service

OC Rate applies for Overland Common Point

OD Terminal-to-Door
Rate applies for shipments in ocean carrier's terminal-to-door service

OM Terminal-to-Motor
Rate applies for shipments in ocean carrier's terminal-to-motor carrier's terminal service

OR Terminal-to-Rail
Rate applies for shipments in ocean carrier's-to-rail carrier service

OT Terminal-to-Inland
Rate applies for shipments in ocean carrier's terminal to an inland terminal point of the ocean carrier

OV Rate Applies for Overnight Transportation Service

PB Pier-to-Barge
Rate applies for shipments in pier-to-barge carrier terminal service

PD Pier-to-Door
Rate applies for shipments in pier-to-door service

PH Pier-to-House
Rate applies for cargo shipped in containers where the stuffing thereof is performed by or for the account of the ocean carrier at the origin port terminal and the stripping thereof is performed by or for the account of the consignee at its facility beyond the ocean carriers' port terminal

PM Pier-to-Motor
Rate applies for shipments in pier-to-motor terminal service

PP Pier-to-Pier
All cargo other than that specified in codes HH, HP, or PH whether shipped in containers or otherwise

PR Pier-to-Rail
Rate applies for shipments in pier-to-rail terminal service

RB Rail-to-Barge
Rate applies for shipments in rail carrier terminal-to-barge terminal service

RD Rail-to-Door
Rate applies for shipments in rail carrier terminal-to-door service

RM Rail-to-Motor
Rate applies for shipments in rail carrier terminal-to-motor carrier terminal service

RO Rail-to-Terminal
Rate applies for shipments in rail carrier terminal-to-ocean carrier's port/terminal service

RP Rail-to-Pier
Rate applies for shipments in rail carrier terminal-to-ocean carrier's port/terminal pier service

RR Rail-to-Rail
Rate applies for shipments in rail carrier terminal-to-rail carrier terminal service

376 - Test Indicator Code

Code indicating whether data enclosed by this interchange envelope is test or production

TYPE=**ID** MIN=**1** MAX=**1**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
P	Production Data
T	Test Data

377 - Rounding Rule Code

Code indicating how rate should be rounded by a rate adjustment TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)
RT1

TRANSACTION SETS USED IN
129

CODE	DEFINITION & EXPLANATION
A	Round Per Car Rates To the Nearest Whole Dollar. All Other Rates To Nearest Whole Cent
B	Round All Rates To Nearest Whole Dollar
C	Round All Rates To Nearest Whole Cent
M	Nickel (Nearest) *Rates rounded to the nearest nickel*

378 - Allowance/Charge Percent Qualifier

Code indicating on what basis allowance or charge percent is calculated TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

G46 ITA SAC

TRANSACTION SETS USED IN

124 140 142 143 180 187 219 220 304 810 811 812 819 820 823 830 832 840 843 846 847 850 851 852 855 856 857 859 860 861 865 867 870 879 888 889 890 897

CODE	DEFINITION & EXPLANATION
0	Gross
1	Item List Cost
2	Item Net Cost
3	Discount/Gross
4	Discount/Net
5	Base Price per Unit
6	Base Price Amount
7	Base Price Amount Less Previous Discount
8	Net Monthly On All Invoices Past Due
9	Late Payment Charge Base Amount *Amount outstanding after the past due date, and subject to a late payment charge*
A	Fuel Rate
B	Item Total Amount
C	Item Unit Price
D	Order Total Amount
H	Hourly Rate
Z	Mutually Defined

379 - Bid Type Response Code

Code indicating the type of response to the request for bid or quote TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
BQR

TRANSACTION SETS USED IN
843

CODE	DEFINITION & EXPLANATION
AB	Alternate Bid
BF	Best and Final
BI	Bid Without Exception
BW	Bid With Exception (Request for Information)
DQ	Decline to Quote
OM	One of Multiple
RE	Replacement
RT	Request for Time Extension
UQ	Unable to Quote

380 - Quantity

Numeric value of quantity TYPE=**R** MIN=**1** MAX=**15**

COMPOSITE DATA STRUCTURES USED IN

C022 C063

SEGMENTS USED IN (AS COMPONENT)

CLP EB HI POC

SEGMENTS USED IN (AS SIMPLE)

ACK ADJ AEI AIN AM1 AP1 ASO AT3 ATH ATN ATV B11 BLI BMM BOX BVA BVB BVS CAL CAS CBS CD1 CDA CDI
CLP CR1 CR2 CR3 CR4 CR5 CRS CSE CST CSU CTB CTP CV DD DEL DLP DLV DMG DN1 DN2 DP DRA DSB DVI
EA EB EDF ELV ES ESI EXI F07 F09 FAA FDA FH FIR FOS FQR FST FU2 FX7 G12 G13 G15 G26 G29 G31
G54 G68 G76 G83 G84 G89 G93 G95 GR GRI HCP HSD ICM IDC III INC INT INV ISI ISS ITA JID JIT L0
L13 L4 LC LDT LFH LH1 LH4 LN2 LS1 M10 M11 M13 M14 M20 M21 MIA MIC MIR MLA MRC MS6 N10 NCA NF1
NFB OBI OID OPS OQS P4 PAL PAM PBI PD PDD PKL PLI PO1 PO3 PO5 POC PRC PRD QTY R13 RAS RCD REA
REC RLT SAC SAD SCA SCH SCR SCT SDQ SER SHP SII SIN SLI SLN SN1 SR SSS SUM SV1 SV2 SV3 SV5 SV6
SVC SVD TEM THE TIA TII TOV TRF TS2 TS3 TSI TSU TXI UDA UPI UR USD USI V2 V9 VAT VDI VRC W01
W07 W09 W12 W13 W14 W76 X01 X4 ZA

TRANSACTION SETS USED IN

100 103 104 105 109 110 111 112 113 121 124 125 126 127 130 131 132 133 135 138 139 140 141 142
143 144 146 148 149 150 151 152 153 154 155 159 160 161 163 170 175 176 179 180 185 186 187 188
189 190 191 194 195 196 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 219 220
222 223 242 245 248 251 252 255 256 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273
274 275 276 277 278 283 284 285 286 288 290 300 301 303 304 309 310 311 312 315 317 319 322 323
324 325 350 352 353 354 355 356 357 358 359 362 404 410 412 414 417 418 421 422 423 426 432 435
451 453 455 456 470 500 501 503 511 517 521 527 536 540 561 568 601 620 625 650 753 754 805 806
810 811 812 813 814 816 819 820 821 822 823 824 826 829 830 831 832 833 834 835 836 837 838 839
840 841 842 843 844 845 846 847 849 850 851 852 855 856 857 858 859 860 861 862 863 865 866 867
868 869 870 872 873 874 875 876 878 879 880 881 882 883 884 885 886 887 888 889 890 892 894 895
897 920 924 940 944 945

381 - Price Reason Code

Code identifying reason for differences in price or coupons redeemed TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
G19 G70

TRANSACTION SETS USED IN
875 876 880

CODE	DEFINITION & EXPLANATION
A	Bid
B	Back Order
C	Cents Off Label
D	Distress Merchandise
E	Reorder
F	Intro Offering
G	Grand Opening
H	Unmatched Manufacturer ID
I	Unmatched Coupon Family Code
J	Purchase Requirement Not Satisfied
K	Consumer Presented More Coupons Than Allowed
L	Coupon Value Exceeds Retail Price
P	Provision Sales to Non-Provision Account
Q	Price Quote
S	Temporary Shipping Interruption
T	Price Protection
X	Miscellaneous

382 - Number of Units Shipped

Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set

TYPE=**R** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

CLD G05 G17 G19 G31 ISS IT3 S5 SHD SN1 W03 W04 W12

TRANSACTION SETS USED IN

163 204 210 219 220 222 250 304 325 754 810 812 850 856 857 858 859 861 880 882 943 945

383 - Quantity Difference

Numeric value of variance between ordered and shipped quantities TYPE=**R** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

G19 IT3 W12

TRANSACTION SETS USED IN

810 850 857 880 945

384 - Gross Weight per Pack

Numeric value of gross weight per pack TYPE=**R** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

PAL PKL PO4

TRANSACTION SETS USED IN

219 220 284 304 527 754 810 812 830 832 840 843 850 852 855 856 857 860 861 862 863 865 867 888 897 940 944 945

385 - Gross Volume per Pack

Numeric value of gross volume per pack TYPE=**R** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

PAL PKL PO4 PO8

TRANSACTION SETS USED IN

219 220 284 304 527 754 810 812 830 832 840 843 850 852 855 856 857 860 861 862 863 865 867 888 897 940 944 945

386 - Terms Net Days

Number of days until total invoice amount is due (discount not applicable)

TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

G23 ITD PYT

TRANSACTION SETS USED IN

110 140 155 210 304 561 810 811 812 819 830 832 836 838 840 843 845 850 855 857 858 859 860 865 875 876 880 882 888 889 894 895

387 - Routing

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

TYPE=**AN** MIN=**1** MAX=**35**

SEGMENTS USED IN (AS SIMPLE)

CAD G66 TD5 W08 W27 W66

TRANSACTION SETS USED IN

180 286 317 527 810 811 830 832 838 840 843 850 852 853 855 856 857 860 861 862 865 870 875 876 880 940 943 944 945

388 - Terms Deferred Due Date

Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

TYPE=**DT** MIN=**8** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

ITD

TRANSACTION SETS USED IN

110 140 210 304 561 810 811 812 819 830 832 836 838 840 843 845 850 855 857 858 859 860 865

389 - Deferred Amount Due

Deferred amount due for payment TYPE=**N2** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

ITD

TRANSACTION SETS USED IN

110 140 210 304 561 810 811 812 819 830 832 836 838 840 843 845 850 855 857 858 859 860 865

390 - Amount Subject to Terms Discount

Amount upon which the terms discount amount is calculated TYPE=**N2** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

G23

TRANSACTION SETS USED IN

875 876 880 882 888 889 894 895

391 - Discounted Amount Due

Amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount)

TYPE=**N2** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

G23

TRANSACTION SETS USED IN

875 876 880 882 888 889 894 895

392 - Bill of Lading Status Code

Code indicating the status of a bill of lading TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
M14

TRANSACTION SETS USED IN
352 355

CODE	DEFINITION & EXPLANATION
1	Carrier/port authority desires an extension of the lay order period
2	Released by Customs
3	Send to General Order

393 - Amendment Code

Code specifying the reasons for the amendment of the manifest record TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

941

SEGMENTS USED IN (AS SIMPLE)

M10 M13

TRANSACTION SETS USED IN

309 350 352 353 354 355 356 357 358

394 - Warehouse Receipt Number

Identification number assigned to a stock replenishment receipt by the warehouse

TYPE=**AN** MIN=**1** MAX=**12**

SEGMENTS USED IN (AS SIMPLE)

W17

TRANSACTION SETS USED IN

944

395 - Unit Weight

Numeric value of weight per unit TYPE=**R** MIN=**1** MAX=**8**

COMPOSITE DATA STRUCTURES USED IN
C067

SEGMENTS USED IN (AS COMPONENT)
PO5 PO6 PO7 PO8

SEGMENTS USED IN (AS SIMPLE)
FU3 G39 G55 LAD LCT PAL W20

TRANSACTION SETS USED IN
204 219 220 222 304 754 832 850 852 856 857 860 888 890 893 897 940 943 944 945

396 - Shipment Identification

A unique control number assigned by the original shipper to identify a specific shipment

TYPE=**AN** MIN=**2** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

BSN

TRANSACTION SETS USED IN

856

397 - Color

Free-form description of color TYPE=**AN** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

DMA G20 G39 G55 G70 VC1 W20

TRANSACTION SETS USED IN

120 135 186 187 191 252 255 267 273 284 285 309 325 358 359 418 832 875 876 879 880 888 893 940 943 944

398 - Order Sizing Factor

A product specification other than gross or net weight, or cubic feet for a line item or transaction used for order sizing and pricing purposes

TYPE=**R** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

G31 G39 G76 SHD W76

TRANSACTION SETS USED IN

812 832 875 876 880 882 888 893 940

399 - Pallet Exchange Code

Code specifying pallet exchange instructions TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
G66 H6 LCT PAL PLD W10 W66

TRANSACTION SETS USED IN
163 204 210 219 220 222 304 527 754 832 850 852 856 857 858 859 860 875 876 888 897 940 943 944 945

CODE	DEFINITION & EXPLANATION
1	No Exchange/No Return
2	Exchange Pallets
3	Return Pallets
4	Pallets to be Purchased by Customer
5	Third-Party Pallet Exchange *A pallet exchange program where a third party rents pallets for internal or external use*

400 - Unit Load Option Code

Code identifying loading or unloading a shipment TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
G66 PKG W08 W10 W66

TRANSACTION SETS USED IN
180 527 536 754 810 830 832 840 841 843 846 847 848 850 855 856 857 860 862 865 867 870 875 876 888 897 940 943 944 945

CODE	DEFINITION & EXPLANATION
01	Palletized
02	Floor Stack/Hand Pile
03	Mixed
04	Slip Sheet
05	Module
06	Clampable *Product is arranged for shipment in a manner that allows for equipment to remove the goods from the truck by clamping around the goods, so that large quantities can all be moved at one time*
07	Bop Sheet
08	Airbag/Slipsheet Combination
09	Thermal Blanket (Cargo Quilt)
10	Shrink-wrap
11	Loadlock
ZZ	Mutually Defined

402 - Communications ID

A unique string of characters that identifies the transmitting company TYPE=**AN** MIN=**1** MAX=**10**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

TRANSACTION SETS USED IN

None

404 - Transmission Control Number

A unique number assigned to the transmission group by the sender TYPE=**N0** MIN=**1** MAX=**5**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

TRANSACTION SETS USED IN

None

405 - Switching Settlement Code

Code indicating the type of Switching Settlement TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
SWC

TRANSACTION SETS USED IN
424 433

CODE	DEFINITION & EXPLANATION
01	Received Switching
02	Forwarded Switching
03	Intermediate Switching
11	Received Switching Initial Exception
12	Forwarded Switching Initial Exception
13	Intermediate Switching Initial Exception
21	Received Switching Agreed to Exception
22	Forwarded Switching Agreed to Exception
23	Intermediate Switching Agreed to Exception

406 - Quantity of Pallets Shipped

Number of pallets shipped TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

H6 PLD W10

TRANSACTION SETS USED IN

163 204 210 222 858 859 943 945

407 - Seal Status Code

Code indicating condition of door seal upon arrival TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

G07 TD3 TI W08

TRANSACTION SETS USED IN

830 832 840 843 850 853 854 855 856 857 860 861 862 865 870 928 940 944

CODE	DEFINITION & EXPLANATION
01	Intact
02	Broken
03	Missing
04	Replaced

408 - Temperature

Temperature TYPE=**R** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

AT5 G07 LH2 PS SCR SPK W09 W10 W18

TRANSACTION SETS USED IN

106 107 186 204 211 214 216 219 220 222 284 300 301 304 310 312 322 324 325 404 410 417 418 421 422 423 426 435 854 856 858 859 940 943 944 945

409 - Quantity of Pallets Received

Number of pallets received TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

G08

TRANSACTION SETS USED IN

944

410 - Quantity of Pallets Returned

Number of pallets returned or exchanged TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

G08

TRANSACTION SETS USED IN

944

411 - Quantity Contested

Number of units representing any difference between quantity shipped and quantity received

TYPE=**R** MIN=**1** MAX=**7**

SEGMENTS USED IN (AS SIMPLE)

G08

TRANSACTION SETS USED IN

944

412 - Receiving Condition Code

Code specifying physical condition or status of units received in a specific shipment

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BRA G08 RCD W13

TRANSACTION SETS USED IN

527 536 844 849 861 944

CODE	DEFINITION & EXPLANATION
01	Damaged Product or Container
02	Quantity Short
03	Quantity Over
04	Quality Problem
05	Incorrect Product
06	Non-standard Container
07	Good Condition
08	Rejected
09	Hold
10	Material Scrapped
11	Adjust Supplier Shipped Cumulative Quantity
12	Quantity Over - Returned to Supplier
13	Quantity Received, But Cannot Process Because No Matching Ship Notice
14	Quantity Received and Processed with No Matching Ship Notice/Manifest
16	Not Received - Ship Notice Required

413 - Quantity Received

Number of shipping units received TYPE=**R** MIN=**1** MAX=**7**

SEGMENTS USED IN (AS SIMPLE)

SHD

TRANSACTION SETS USED IN

812

416 - Pallet Block and Tiers

Code indicating pallet and load structure; first three digits indicate the number of cases per layer, last three digits indicate the number of layers per pallet

TYPE=**N0** MIN=**6** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

G39 G70 W01 W04

TRANSACTION SETS USED IN

832 875 876 888 893 940 943

417 - Price Bracket Identifier

Identifier assigned by the vendor for a specific price bracket

TYPE=**AN** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CDD FU1 G17 G31 G40 G68 G76 G93 SHD

TRANSACTION SETS USED IN

812 832 875 876 879 880 882 888 890 897

418 - Item List Cost - New

Unit price within the appropriate price bracket for a line item on or after an effective price date

TYPE=**R** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

G40

TRANSACTION SETS USED IN

832 879 888 897

419 - Item List Cost - Old

Unit price within the appropriate price bracket for a line item before an effective date

TYPE=**R** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

G40

TRANSACTION SETS USED IN

832 879 888 897

420 - Price New, Suggested Retail

The consumer package price or retail unit price associated with the product applicable on or after an effective price date

TYPE=**N2** MIN=**2** MAX=**7**

SEGMENTS USED IN (AS SIMPLE)

G22 G40

TRANSACTION SETS USED IN

832 878 879 888 889 894 895 897

421 - Price Old, Suggested Retail

The consumer package price or retail unit price associated with the product applicable before an effective price date

TYPE=**N2** MIN=**2** MAX=**7**

SEGMENTS USED IN (AS SIMPLE)

G40

TRANSACTION SETS USED IN

832 879 888 897

422 - Promotion Condition Code

Code specifying a performance or advertising condition TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
G12 G35 G95

TRANSACTION SETS USED IN
852 883 886 887 889

CODE	DEFINITION & EXPLANATION
01	Product Allocation
02	Number of Buy Restriction
03	Promotion Period Restriction
04	Special Promotional Discount Terms
05	Number of Shipment Restrictions *A promotion condition that indicates a limited number of shipments may be received*
06	Minimum Order Quantity Required
07	Minimum Order Quantity Required - Any Combination of Products
08	Maximum Retail Price
10	Ad, Size Not Specified
11	Ad, 1 Col Inch
12	Ad, 2 Col Inch
13	Ad, 3 Col Inch
14	Ad, 4 Col Inch
15	Ad, 5 Col Inch
16	Ad, 6 Col Inch or Greater
17	Ad, Full Page
18	Ad, Half Page
19	Ad, Quarter Page
20	Ad, Coupon
21	Ad, Color
22	Ad, Product Illustration
23	Ad, National Line Rate
25	Ad, Roto
26	Ad, Free Standing
28	Ad, Window Signs
32	Ad, Price Reduction
33	Ad, Circulars
34	Ad, Television
35	Ad, Radio
36	Ad, Handbill
37	Ad, Newspaper Insert
39	Ad, See Free-form Message

40 Display
41 Display, End Aisle
42 Display, Aisle Stack
44 Display, Cases per Store
45 Display, Number of Days
46 Display, Shelf Extender
49 Display, Number of Stores
51 Display, Price Reduction
59 Display, See Free-form Message
60 Reduced Price
61 Reduced Price, Number of Days
62 Reduced Price With Shelf Sign
63 Reduced Price, In Price/Order Guide
64 Reduced Price, In Store Coupons
69 Reduced Price, See Free-form Message
70 Retail Distribution (One Case per Store)
71 Retail Distribution (X Cases per Store)
72 Retail Distribution (X Number of Stores)
73 Committed Purchases
74 Growth Over Last Year
75 Growth Over Last Month
76 Resale
77 Growth Over Last Quarter
79 Retail Distribution
81 Accrual Limit
A dollar amount customarily paid on a per case basis on product purchases in a prior period as defined by the manufacturer or broker
82 Flat Limit
A fixed or flat allowance amount paid for rendering performance as specified by the option code
83 Number of Required Promotion Performances
Number of times a promotion must be performed to qualify for the allowance amount
84 Product Scanning Report Required
88 Advertisement or Display or Reduced Price
A promotion condition which requires an Advertisement or an in-store display, or a reduction in the shelf price of an item in order to qualify for the allowance amount
99 See Free-form Text
A1 Ad, Size A
A2 Ad, Size B
A3 Ad, Size C
A4 In-Store Electronics
A5 Ad, Double Page
B1 Every Day Low Pricing
B2 Demonstration Required
B3 Ad, Predominant With Reduced Price

C1 Value Pack Program
Vendor requires buyer to include product(s) offered in buyer's value pack program

C2 Educational Program
Vendor requires buyer to include product(s) offered in buyer's educational program

C3 Freestanding Shipper Display
Vendor requires a pre-packed shipper display

C4 Refrigerated Table
Vendor requires a display using a refrigerated or ice table

WR Warehouse Withdrawal Report Required

ZZ Mutually Defined

423 - Promotion Status Code

Code identifying a promotion status

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

G42

TRANSACTION SETS USED IN

889

CODE	DEFINITION & EXPLANATION
01	New
02	Change
03	Cancel
04	Replace
05	Confirmation
06	Replace All Dates *Used to replace all dates that were included in a previously transmitted promotion announcement with the dates in this transaction set*
07	Accept *Used for confirming acceptance of a promotion when it is necessary to inform a trading partner of the specific promotion options selected*

424 - Vendor Order Number

Number assigned by a vendor referencing a particular customer purchase order

TYPE=**AN** MIN=**1** MAX=**22**

SEGMENTS USED IN (AS SIMPLE)

BCD G01 G48

TRANSACTION SETS USED IN

812 880 881 882

426 - Adjustment Reason Code

Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

AD1 ADX CDD CFI FCL FST G89 RMR RMT

TRANSACTION SETS USED IN

110 148 187 256 260 521 811 812 820 823 830 834 840 843 862 891 895

CODE	DEFINITION & EXPLANATION
00	Automated Credit Card Transaction
01	Pricing Error
02	Allowance/Charge Error
03	Extension Error
04	Item Not Accepted - Damaged
05	Item Not Accepted - Quality
06	Quantity Contested
07	Incorrect Product
08	Substitute Product
09	Terms of Sale Error
10	Pallet/Container Charge Error
11	Returns - Damage
12	Returns - Quality
13	Returns - Dating
14	Returns - Promotion
15	Returns - Recall
16	Non-Invoice Related Allowance/Charge
17	Required Data Missing
18	Not Company Bill
19	Duplicate Billing
20	Balance Due Declined
21	Shipment Method of Payment Incorrect
22	Weight Error
23	Special Charge Not Authorized
24	Incorrect Discount
25	Item Not Accepted
26	Invoice Cancelled
27	Product Transfers Subject to Charge Back
28	Rebated Shipments
29	Fee Incorrect
30	Delivery Charge Incorrect
31	Pickup Charge Incorrect
32	Oversize Premium Invalid

33 Currency Exchange Incorrect
34 Declared Value Incorrect
35 Commodity Code Incorrect
36 Scale Number Incorrect
37 Dimensions Incorrect
38 Service Incorrect
39 Shipper/Consignee Ref. Number Missing
40 Address Incorrect
41 Item Not Accepted-Delay
42 Item Not Accepted - Loss
43 Missing Discount
44 Required Documents Missing
45 Stale Bill Over 180 Days Old
46 Transportation Charge Incorrect
47 Advanced Charge Incorrect
48 Service Charge
49 Processing Charge
50 Late Charge
51 Interest Penalty Charge
52 Credit for Overpayment
53 Remittance for Previous Underpayment
54 Freight Deducted
55 Tax Deducted
56 Advertising Allowance Taken
57 Volume Discount Taken
58 Invoice billing received after final billing
59 Item not received
60 No open item on file
61 No open order on file
62 Material/Item Description Error
63 Customer Paid Invoice Which Was Previously Disputed
64 Sale of Property
Sale of the property by the mortgagee within six (6) months after the foreclosure of a property
65 Claim Paid on Appraisal
Claim filed within 15 days and 6 months following the foreclosure sale, and paid on the reappraised, foreclosed property
66 Disability Insurance or Income
68 Death Benefit Reduction
69 Employer Provided Pension
70 Advanced Ship Notice Not Received
71 Advertising Allowance
72 Authorized Return
73 Bill of Lading Not Received

74 Cancel or Adjust Prior Credit/Debit Adjustment
75 Total Order Not Received
76 Cash Discount
77 Competitive Allowance
78 Competitive Price
79 Cooperative Advertising
80 Overpayment
81 Credit as Agreed
82 Defective Allowance
83 Evaluated Receipt Settlement (ERS) Delivery Charge
84 Deviation from Order Date
85 Distribution Discount/Allowance
86 Duplicate Payment
87 Duplicate Shipment
88 Duty Charge Variance
89 Early Buy Allowance
90 Early Payment Allowance
91 Engraving Charge
92 Merchandise Not Ordered
93 Field Destroy
94 Fixtures Charge
95 Floor Stock Protection
96 Goods to Follow
97 Handling Charge
98 Labor Charges
99 Late Shipment of Goods
A1 Layout/Design Charge
A2 Misshipped (Wrong Product Received)
A3 New Store Allowance
A4 Nonreceipt of Goods
A5 Overage
A6 Packing Violations
A7 Payment on Account
A8 Promotional Allowance
A9 Proof of Delivery Not Received
AA Prepaid Benefit or Advances
AB Partial Wage Continuation
AC Apportionment or Contribution
AD Non-Automated Credit Card Transaction
AE Unemployment Compensation
AF Guarantee Fee
AG Guaranteed Amount
AH Origination Fee

AI Hanger - Non Store Approved Hanger
AJ Hanger - Missing or Failure to Supply Hanger
AK Hanger - Wrong Color
AL Released to Borrower
AM Applied to Borrower's Account
AN Auto No Fault
AO Returned to Lender
AP Acceleration of Benefits
AQ Returns - Overstock
AR Acceleration of Reimbursement of Attorney Fees
AS Returns - Discontinued
AT Account Location Closed
AU Accessory Payment
AV Advertising Contribution
AW Student Card Payment
AX Person No Longer Employed
AY Employee on Leave
AZ Employee on Strike
B1 Proof of Shipment Not Received
B2 Rebate
B3 Recovery Allowance
B4 Refurbishing Charge
B5 Repair of Goods
B6 Repay Discount
B7 Restocking Charge
B8 Routing Violation
B9 Samples Not Received
BA Canadian Goods and Services Tax
BB Quebec Goods and Services Tax
BC Canadian Harmonized Goods and Services Tax
BD Bad Debt Adjustment
BE Fixture Allowance
BF Return Allowance
BG Bag Charge
BH Opportunity Buy
BI Hanger Charge
BJ Insurance Charge
BK Postage Charge
BL Net Check Returned
BM Net Collection Expense (Factor)
BN Bonus
BO Change to Box Office Gross
BP Net Chargeback of Client Risk (Factor)

BQ Hanger - Wrong Size
BR Benefit Rate
BS Paid During Period
BT Hanger - Quality Issue
BU Hanger - Size Tab or Clip Missing
BV Hanger - Size Tab or Clip Did Not Match Garment Size
BW Hanger - Product Hung Incorrectly
BX Excess Packaging - Clips
BY Excess Packaging - Tissue
BZ Excess Packaging - Foam
C1 Settlement of Account
C2 Special Allowance
C3 Special Finish
C4 Stock Balance
C5 Temporary Allowance
C6 Testing Charge
C7 Third Party Allowance
C8 Ticketing Error
C9 Ticketing Service
CA Cancelled Promotion
CB Collected Balance Adjustment Incorrect
CC Excess Packaging - Cardboard Layer
CD Excess Packaging - Pins
CE Employer's Legal Expenses Paid to Date
CF Excess Packaging - String
CG Excess Packaging - Tiebacks
CH Product Quality - Excess Wrinkling
CI Size Indicator Strips - Missing
CJ Size Indicator Strips - Improper Placement
CK Valuation As Of
Valuation as of a specific point in time
CL Size Indicator Strips - Incorrect Size Information
CM Covered by Credit Memo
CN Item Tickets - Incorrect Information Zone 1 - Description
CO Adjusted Compensation Rate
CP Employer Paid Benefits due
CQ Change
CR Capitation Interest
CS Adjustment
CT Capitation Payment
CU Charge for Unrequested Service
CV Capital Passthru
CW Certified Registered Nurse Anesthetist Passthru

CX Item Tickets - Incorrect Information Zone 2 - Vendor Information
CY Item Tickets - Incorrect Information Zone 3 - Symbol
CZ Item Tickets - Incorrect Information Zone 4 - Consumer Information
D1 Transfer Between Accounts
D2 Transportation Direct Billing
D3 Unauthorized Deduction
D4 Unauthorized Product
D5 Volume Discount
D6 Recovery of Standard Allowances
D7 Cost Associated with Reworked Material
D8 Count and Recount Allowance
D9 Store Stock Price Protection
DA Daylight Overdraft Charge Reversed
DB Pension or Retirement Plan Disability Benefits
DC Canadian Pension Plan
DD Railroad Disability
DE Deposited Item Price Incorrect
DF Family Social Security
DG Deduction Film Rental
DH District Advance
DI Social Security Supplemental Income
DJ Jones Act (Merchant Seaman Injured on the Job)
DK Damaged Film
DL Deposited Item Volume Error
DM Direct Medical Education Passthru
DN Item Tickets - Incorrect Information Zone 5 - Size or Dimension
DO Other Group Insurance
DP Pension or Retirement Benefits
DQ Item Tickets - Incorrect Information Zone 6 - Retail Price
DR Social Security Retirements
DS Social Security Disability
DT Railroad Retirement
DU Discontinued Product
DV Civil Servants Plan
DW Subrogation
DX Royalty Deduction Type
DY Distribution Issue
DZ Item Tickets - Incorrect Information Zone 7 - Manufacturer's Suggested Price
E1 Recoupment
E2 Covered By Debit Memo
E3 Withholding
E4 Warehouse Stock Price Protection
E5 Invoice Price Protection

E6 Goods and Services Tax 0% Rate, International Documentation Will Follow
E7 Goods and Services Tax Decreased Due to Billing Error
E8 Goods and Services Tax Increased Due to Billing Error
E9 Order Cancelled
EA Item Tickets - Missing Information Zone 1 - Description
EB Item Tickets - Missing Information Zone 2 - Vendor Information
EC Item Tickets - Missing Information Zone 3 - Symbol
ED Item Tickets - Missing Information Zone 4 - Consumer Information
EE Encoding Error
EF Item Tickets - Missing Information Zone 5 - Size or Dimension
EG Item Tickets - Missing Information Zone 6 - Retail Price
EH Item Tickets - Missing Information Zone 7 - Manufacturer's Suggested Price
EI Item Tickets - Incorrect or Missing Multi-Piece Ticket
EJ Item Tickets - Information Not Readable
EK Item Tickets - Bar Code Degradation
EL Item Tickets - Non Perforated
EM Item Tickets - Missing Ticket
EN Item Tickets - Tickets in Carton - Not Attached
EO Item Tickets - Improper Placement
EP Expanded Promotion
EQ Item Tickets - Item Missing from Catalog at Time of Receipt
ER Employer Reimbursement
ES Item Tickets - Color-Coding for Size Missing or Incorrect
ET Item Tickets - Item Ticket Affixed Improperly
EU Ship Notice - Carton Content does not Match Ship Notice
EV Ship Notice - Carton Count does not Match Ship Notice
EW Ship Notice - Serial Shipping Container Code does not Match Ship Notice
EX Expenses
EY Ship Notice - Missing Bill of Lading Information
EZ Ship Notice - Duplicate Ship Notice
F1 Defective
F2 Ship Notice - Received Late
F3 Social Security
F4 No-Fault
F5 Other Long-term Disability Offset
F6 Indirect Offset Excess
Other income defined under the contract which is deducted after the calculation of an employee's net benefit. This figure is then compared against a predefined aggregate percent to derive maximum payable benefit
F7 Black Lung Disease
F8 Rehabilitation
F9 Educational Benefit
FA Anticipation Taken
FB Forwarding Balance

FC Fund Allocation
FD Purchase Order - Size Not Ordered
FE Purchase Order - Color Not Ordered
FF Purchase Order - Store Did Not Order
FG Purchase Order - Item Overage
FH Promotion Violation
FI Late Interest Paid
FJ Does Not Accept Electronic Funds Transfer
FK Logistics Label - Problem with Shipped From Address
FL Logistics Label - Problem with Ship To Address
FM Logistics Label - Problem with Postal Barcode Code
FN Logistics Label - Problem with Carrier Information
FO Logistics Label - Problem with Mark For Information
FP Logistics Label - Problem with Serial Shipping Container Code
FQ Logistics Label - Problem with Barcode
FR Film Rental
FS Logistics Label - Problem with Purchase Order Number
FT Change to Film Rental Terms
FU Forward Buy
FV Logistics Label - Problem with Mark For Barcode
FW Logistics Label - Problem with Product Group Description
FX Logistics Label - Problem with Carton Count
FY Logistics Label - Incorrect Label Format
FZ Logistics Label - Incorrect Font or Print Size
G1 Profit Sharing
G2 Workmen's Compensation
Liability on employers to pay benefits and furnish care to employees injured and to pay benefits to dependents of employees killed in the course of and because of their employment
G3 Pension
G4 Other Disability Plan
G5 Other Income
G6 Salary Continuance
G7 Short-term Disability
G8 Permanent and Total Disability
A physical or mental condition that makes an insured incapable of performing one or more duties for any occupation
G9 State Disability Plan
A unique disability plan defined by state. This plan applies only to specific states
GA Free Goods
GB Coupon Related
GC Market Development Fund Deduction
GD Samples
GE Slotting Charge

GF Invalid
GG Unsalable Merchandise
GH Billback Allowance Deduction
GI Logistics Label - Crushed Box, Label Not Usable
GJ Unsalable Payments Deduction
GK Split Commission Deduction - Basis Amount
GL Unresolved Customer Deduction
GM Split Commissions Deduction - Commission Amount
GN General Advance
GO Graduate Medical Education Passthru
GP Logistics Label - Label Does Not Scan
GQ Logistics Label - Not Human Readable
GR Guarantee
GS Packing - Ratio Incorrect for Pre-pack Shipment
GT Packing - Mixed Items in Carton
GU Packing - Crushed Box
GV Packing - Missing or Incorrect Pallets
GW Packing - Load Not Sorted Correctly
GX Packing - Problem with Pack List
GY Packing - Multiple Purchase Orders Shipped in Carton
GZ Packing - Problem with Bill of Lading Number or Format
H1 Information Forthcoming
Awaiting paper correspondence with associated details
H2 Payment Previously Sent
Payee received compensation at a prior time
H3 Loan Paid in Full
Mortgage company no longer has interest in property loan is paid-up
H4 Bill Insured
Non-escrowed policy, collect premium directly from policyholder
H5 Loan Service Released
Mortgage companies, servicing rights to a loan were sold to another company; therefore the mortgage company no longer has an interest in the property
H6 Partial Payment Remitted
Total compensation was not sent
H7 Payment Forthcoming
Total compensation will be sent in the future
H8 Bill Mortgagee
The mortgage company is informing the insurance company that they are escrowing for a policy that the insurance company indicated as nonescrow
H9 Coverage Summary Needed
The mortgage company is informing the insurance company that coverage information was not provided with the renewal notification
HA Change to House Allowance
HB Medical Payment
HC Indemnity Payment

HD Expense Payment
HE Comprehensive Payment
HF Collision Payment
HG Bodily Injury Payment
HH Packing - Carton Not Sealed Correctly
HI Property Damage Payment
HJ Polybags - Missing or Incorrect Type
HK Polybags - Not Sealed or Incorrectly Sealed
HL Transportation - Carrier Missed Delivery Appointment
HM Hemophilia Clotting Factor Supplement
HN Transportation - Carrier Detained
HO Transportation - No Shipment Approval Number
HP Transportation - Delivery to Wrong Location
HQ Transportation - Excessive Shipments or Multiple Shipments on Consecutive Days
IA Invoice Amount Does Not Match Account Analysis Statement
IC Interest Charge-Rate Reduced to New York Prime Rate
IE Interest Charge - Rate Reduced to Earnings Credit Rate
IF Insufficient Funds
IL Interest Charge-Rate Reduced to London Inter-bank Offer Rate (LIBOR)
IN Inventory Policy
IP Incentive Premium Payment
IR Internal Revenue Service Withholding
IS Interim Settlement
IT Item Added
J1 Nonreimbursable
J2 Transportation Discrepancy Report (TDR) Submitted
J3 Promised Adjustment Not Received
J4 Deficiency Report Authorized Adjustment
J5 Duplicate Summary Billing (Same Bill Number)
J6 Duplicate Summary Billing (Different Bill Number)
J7 Duplicate Summary Billing (Second Billing)
J8 Unable to Process
J9 Noninterfund Bill
JA Recalled Item
JE Journal Entry
A financial entry that does not reflect the issuance of a payment or receipt of a voucher
K1 Other Coverage Placed
An indication that the insured has obtained permanent insurance from a firm other than the one that is currently billing
K2 Invalid Policy Number
The lender was not able to identify policy for which a notification was received
K3 Renewal Not Received
The lender is informing the insurance company that they have a loan with an expiring policy for which a renewal notification was not received

K4 Return Merchandise Charge
K5 Refused Merchandise Charge
K6 Unauthorized Freight Invoice
K7 Unauthorized Freight on Merchandise Invoice
K8 Freight Inbound Return Merchandise
K9 Freight Outbound Return Merchandise
KA Full Monetary Difference Between Air and Surface Charges Per Corporate Agreement
KB Full Monetary Difference Between Air and Surface Charges Per Purchase Order
KC Paper Bill of Lading Missing Department Number
KD Paper Bill of Lading Missing Purchase Order Number
KE Paper Bill of Lading Non Standard VICS Format
KF Paper Bill of Lading Counter/Loader Not Indicated
KG Partial Monetary Difference Between Air and Surface Charges Per Corporate Agreement
KH Partial Monetary Difference Between Air and Surface Chares Per Purchase Order
KI Freight Allowance Per Corporate Agreement
KJ Freight Allowance Per Purchase Order
KK Prepaid Advance Freight for Consolidator Shipments
KL Redelivery Charge
KM Charge for Second Delivery on Damaged Furniture
KN Surface Freight Allowance Per Corporate Agreement
KO Surface Freight Allowance Per Purchase Order
L1 Audit
An itemized charge has been adjusted to this amount due to a pre-audit being performed; that audit identified a variance between the amount authorized by the receiver of that goods/service and the amount charged by the provider of the goods/service
L2 Discount
The dollar value of the discount applied which reduces the payment amount due the payee
L3 Penalty
The dollar value of the penalty assessed a business entity for a past due debt
L4 Administrative Fees
The dollar value of the administrative fee assessed a business entity for handling a debt
L5 Interest Due
The dollar value of interest assessed a business entity for a past due debt
L6 Interest Owed
The dollar value of interest owed a business entity for a past due payment
L7 Miscellaneous Deductions
A deduction taken from the amount due a business entity for which not specific reason code exists; this code must be accompanied by a free-form explanation of the deduction
L8 Miscellaneous Credits
An amount that increases the payment due a business entity for which no specific reason code exists; this code must be accompanied by a free-form explanation of the credit
L9 Military Distribution Adjustment
LA Loans against Future Compensations
LE Levy
LF Lawyer or Claimant Attorney Fees

LO Ledger Overdraft Charge
LP Late Payment
LS Lump Sum
M1 Advertising - Unidentified
M2 Commissions Deductions
M3 Gift Certificates
M4 Salary Deduction
M5 Late 204 Motor Carrier Load Tender Transmission
M6 Missing 204 Motor Carrier Load Tender Transmission
M7 Late 214 Transportation Carrier Shipment Status Message Transmission
M8 Missing 214 Transportation Carrier Shipment Status Message Transmission
M9 Freight on Backorder
MA Marketing Allowance
MB Pickup Allowance
MC Miscellaneous Costs
MD Incorrect Purchase Order Number on Bill of Lading
ME Purchase Order Number Not on Bill of Lading
MF Multiple Purchase Order Numbers on Invoice
MG Purchase Order Number Incorrect on Invoice
MH Purchase Order Number Not on Invoice
MI Transfer or Debit Balance
MJ Truckload Allowance
MK Warehouse Allowance
ML Maximum Allowable Levy Exceeded
MM Incorrect Product ID on Cartons
MN Incorrect Purchase Order Number on Carton
MO No Product ID on Cartons
MP No Purchase Order Number on Carton
MQ Storage Charges
MR Manufacturer to Retail Bill-Back Allowance
MV Miscellaneous Event
N1 Second Injury Fund
N2 Future Credit Amount
N3 Vocational Rehabilitation
N4 Uninsured Employer
N5 Silicosis, Dust Diseases, and Logging Industry Fund
N6 Vocationally Handicapped Fund
N7 Non-designated Fund
N8 Unstated Adjustment Reason
NA Cash Receipt
NB Non-Billable
NC Negative Charge
Transfer of Debt to Higher Level Agency

ND Royalty
NL New Location
NO New Promotion
NP New Product
NR Negative Repayment
Transfer of Debt to Lower Level Agency
O1 Bill of Lading Does Not Match 856 Advance Ship Notice (ASN)
O2 Incorrect Carton/Weight on Bill of Lading
O3 Charge for Combined Divisions on One Bill of Lading
O4 Charge for Consolidation Zone Freight Allowance Per Corporate Agreement
O5 Charge for Consolidation Zone Freight Allowance Per Purchase Order
O6 Charge for Exceeding Maximum Shipments Per Agreement
O7 Charge to Expedite Distribution Centre (DC) to Store
O8 Charge for Failure to Master Pack
O9 Inaccurate Cube Information
OA Organ Acquisition Passthru
OB Offset for Affiliated Providers
OC Overstock Condition
OL Court Ordered Lien
OP Order Policy
OT Other Trading-Partner Specific Reason
P1 Price Change
P2 Product Changeover
P3 Production Issue
PA Picture Advance
PB Materials
PC Amendment of Limits
PD Paid to Date
PE Employment Benefits
PF Payment First
PG Carrier Filed Limitation
PH Commissions
PI Periodic Interim Payment
PJ Intercompany Sale
PK Lodging
PL Payment Final
PM Previous Month's Earnings Credit Carried Forward
PN Meals
PO Federal Deposit Insurance Corporation (FDIC) Premium Overcharge
PP Quebec Pension Plan
PQ Overtime
PR Prior Film Rental Payment
PS Product Exclusion

PT Payment
PU Severance
PV Special
PW State Limitation
PX Store Certificates
PY Tips
PZ Equipment Rental
Q1 Charge Error
Q2 Allowance Error
Q3 Promotional Allowance - Trade Show
Q4 Promotional Allowance - Flyers
Q5 Promotional Allowance - New Product
Q6 Contract Price Error
Q7 Contract Price Error - Mark Up
Q8 Contract Price Error - Freight
Q9 Contract Price Error - Volume Discount
QA Contract Price Error - Starting Price Error
QB Contract Price Error - Invalid Date Range
QC Contract Price Error - Freight Surcharge
QD Drop Size
QE Drop Frequency
QF Manufacturer to Distributor Billback Allowance
QG Deduction for Unpaid Receivable
R1 Returned Deposited Item Price Incorrect
R2 Returned Deposited Item Volume Error
R3 Returned Deposited Item Notification Volume Error
R4 Reduced Promotion
R5 Revised Plan (Re-plan)
R6 Revised Promotion
RA Retro-activity Adjustment
RB Agreed Freight Allowance
RC Authorized Air Shipment
RD Receiving Discrepancy
RE Return on Equity
RF Commission Discrepancy
RG Difference On Returns
RH Early Shipment of Goods
RI Excessive Packing Materials
RJ Failure to Consolidate
RK Freight on Returns Inbound Only
RL Freight on Returns Outbound Only
RM Returned Material
RN Handling Charge for Item Not Received

RO Handling Charge for Non Receipt of Goods
RP Handling Charge for Late Advance Ship Notice
RQ Handling Charge for Samples Not Received
RR Handling Charge for Unreadable Advance Ship Notice
RS Incorrect Packing Assortment
RT In-store Decoration Allowance
RU Interest
RV Label Placement
RW Margin Contribution
RX Mark Down Allowance
RY Multiple Shipment Penalty
RZ Opening Order Allowance
S1 Incorrect Pickup Address
S2 Charge for LTL Shipped on Consecutive Days
S3 Not Shipped on Date Authorized
S4 Shipped on Pallets
S5 Small Package Level Detail Insufficient
S6 Sort and Segregate Handling Charge
S7 Sort and Segregation Allowance Per Corporate Agreement
S8 Sort and Segregation Allowance Per Purchase Order
S9 Wrong Ship Point Per Purchase Order
SA Paper Invoice Missing
SC Service Cancelled
SD Screening Deduction
SE Paper Packing Slip Missing
SF Shipping and Freight Charge
SG Pickup Charge or Advanced Charges
SH Presentation of Merchandise Not As Specified
SI Purchaser Supplied Raw Material
SJ Returns Freight Discrepancy
SK Salary Discrepancy
SL Student Loan Repayment
SM Shipped Past Purchase Order Cancellation Date
SN Should Be Shipped Collect, But Was Shipped Prepaid
SO Should be Shipped Prepaid, But Was Shipped Collect
SP Sales Promotion
SR Store Contest Allowance
SS Trade Discount
ST Unauthorized Air Shipment-Chargeback is the Difference Between Air and Ground
SU Unauthorized Air Shipment-Partial Freight Chargeback
SV Unauthorized Air Shipment-Full Freight Chargeback
SW Unauthorized or Incorrect Carrier
SX Volume Break Chargeback

SY Weight Break Chargeback
TA Theatre Advance
TD Total Deductions
TI Transportation Issue
TL Third Party Liability
UB Uncollected Balance Charge Reversed
UL Unable to Locate Account
VC Value Date Incorrect for Credit
VD Value Date Incorrect for Debit
VO Void
W6 Safety Violations
W8 Intoxication
W9 Noncooperation: Rehabilitation, Training, Education, Medical
WA Actual Reduced Earnings
WB Regular Wage Minus Disability Benefit
WC Subrogation Recovery
WE Weather-related Event
WH Payment Partial
WO Overpayment Recovery
WR Deemed Reduced Earnings
WS Special Fund Recovery
WT Deductibles Recovery
WU Unspecified Recovery
WW Overpayment Credit
WX Cost of Living
WY Continuous Disability Period
WZ Illegally Employed Minor
XA Age 65 Reduction
XB Appeal
XC Advance Reimbursement
XD Individual Payment
XE Employer Credit
Employer paid benefits in excess of covered weekly benefits
XF Outlier
Add-on payment for hospital services to reimburse extraordinary costs
XG Incorrect Cost
XH Incorrect Unit of Measure
Y1 Policy Premium
Y2 Premium Rewrite
Y3 Premium Transfer
Y4 Renewal Premium
Y5 Policy Adjustment
Y6 Reinstated Policy
Y7 Cancellation

Y8 Cancellation of Rewrite
YA Dividend
YB Discount Adjustment
YC Cancellation Prior Policy Period
YD Tax or Surcharge
YF Payment Rejected
YG Refunded to Insured
YH Refunded to Third Party
YJ Transfer Credit from Another Policy
YK Transfer Debit from Another Policy
YL Transfer Credit to Another Policy
YM Transfer Debit to Another Policy
ZZ Mutually Defined

427 - Unit Price Difference

Per unit (case) price or allowance/charge difference between original billing and corrected amount (may be unit full list price or allowance/charge where item was not on original billing or where full credit/debit amount is being transacted, i.e., returns or contested quantities)

TYPE=**R** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

CDD

TRANSACTION SETS USED IN

812

429 - Check Number

Checkidentification number TYPE=**AN** MIN=**1** MAX=**16**

SEGMENTS USED IN (AS SIMPLE)

BVA F13 STC

TRANSACTION SETS USED IN

124 126 248 275 277 926

432 - Date Qualifier

Code specifying type of date

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

DN G26 G45 G62 ID1

TRANSACTION SETS USED IN

106 107 108 120 121 125 127 128 129 163 204 210 211 212 214 215 219 220 222 227 317 511 517 527 536 561 567 753 754 832 853 854 858 859 875 876 878 879 880 883 888 889 896 920 940 943 944 945 947

CODE	DEFINITION & EXPLANATION
01	Cancel After This Date
02	Delivery Requested on This Date
03	Invoice Date
04	Purchase Order Date
05	Sailing Date
06	Sold Date
07	Effective Date
08	Purchase Order Received
09	Process Date
10	Requested Ship Date/Pickup Date
11	Shipped on This Date
12	Terms Discount Due Date
13	Terms Net Due Date
14	Preferred Payment Date
15	Promotion Start
16	Promotion End
17	Estimated Delivery Date
18	Date Available/Constructive Replacement
19	Date Unloaded
20	Check Date
21	Charge Back Date
22	Freight Bill Date
23	Promotion Order Date - Start
24	Promotion Order Date - End
25	Promotion Ship Date - Start
26	Promotion Ship Date - End
27	Promotion Requested Delivery Date - Start
28	Promotion Requested Delivery Date - End
29	Promotion Performance Date - Start
30	Promotion Performance Date - End
31	Promotion Invoice Protection Date - Start
32	Promotion Invoice Protection Date - End

33 Promotion Floor Stock Protect - Start
34 Promotion Floor Stock Protect - End
35 Delivered on This Date
36 Expiration Date
37 Ship Not Before Date
38 Ship Not Later Than Date
39 Ship Week Of Date
40 Original Purchase Order Date
41 Date Invoice Created
42 Buy Period Date - Start
43 Buy Period Date - End
44 Arrival at Destination Yard
45 Notified
46 Actual Placement
47 Released
48 Customs Release
49 Duty Paid
50 Charged From
51 Charged To
52 Ordered
53 Deliver Not Before Date
54 Deliver No Later Than Date
55 Deliver Week Of
56 Actual Free Time Expiration Date
57 Guarantee Expiration Date
58 Price Change Last Order Date
59 Price Change Last Arrival Date
60 Price Change Last Ship Date
61 Price Change Effective Date
62 Accrual Start Date
63 Accrual End Date
64 Must Respond By
67 Delivered By This Date
68 Requested Delivery Date
69 Scheduled Pickup Date
70 Scheduled Delivery Date
71 Est. Next Promo. Date Start
72 Est. Next Promo. Date End
73 Est. Next Promo. Ship Date Start
74 Estimated Next Promotion Ship Date End
76 Bill of Lading
77 Pickup Appointment Scheduled Date
78 Delivery Appointment Scheduled Date

79 Pickup Requested Scheduled Date
80 Delivery Requested Scheduled Date
81 Pickup Appointment Granted Date
82 Delivery Appointment Granted Date
83 Equipment Furnished Date
84 Bill of Lading Initiated Date
85 Date Issued
86 Actual Pickup Date
87 First Order Date
88 First Ship Date
89 First Arrival Date
90 Requested Pack Date
91 Superseded Date
92 Spot for Load Date
When carrier is to leave trailer at shipper location to be available for loading
93 Spot for Unload Date
When carrier is to leave trailer to be used for storage
94 Spot for Storage Date (No Shipment)
When carrier is to leave trailer to be held in storage until required
95 Spot for Load Exchange Date (Export)
When carrier is to leave trailer at prearranged location to allow for load exchange
96 Scheduled Pickup Date, Needs Confirmation
97 Scheduled Delivery Date, Needs Confirmation
98 Scheduled Pickup Date, Appointment Confirmed
99 Scheduled Delivery Date, Appointment Confirmed
AA Store Inventory Stock
AB Warehouse Inventory Stock
BB Transaction Control Date
The date when a transaction was prepared
BC Publication Date
The date when a document was published
BD Required By
The date when material is required to be on a site available for use
BE Validated
The date when material obligations were verified
BF Pack Date
The date when requested material was packaged
BG Backorder Release Date
The date when backordered material was made available for issue
BH Offered for Delivery
The date when material was offered for delivery by a carrier
BI Inspection
The date when material was inspected
BJ Shelf-Life Expiration
The date when material will become unusable

BK Warranty Expiration
The date when a manufacturer's warranty expires

BL Manufacture
The date when equipment or material was manufactured

BM Contract Physically Completed
Date contractor made final delivery or performed last service

BN Contract Final Payment
Date final payment on contract was made

BO Estimated Contract Completion
Estimated date when contract will be completed

BP Contract Closed
Date contract was administratively completed and closed

BQ Extended Closeout
New date, beyond the required closeout date, when contract is authorized to be closed

BR Date Delivery Commenced
Date that delivery process is initiated

BS Product Receipt Date
Date that receipt takes place

BT Acceptance
Date material delivery is accepted

BU Rejection
Date that rejection action takes place

BV Recorded
Date action is recorded against accountable records

BW Signature
The date on which a document (e.g., a contract) was signed

BX Action
The date when next required action is to be completed

BY Expected Reply
The date when response may be expected

BZ Demand Receipt Date
Date of receipt of the demand document as recorded in that document by the initial recipient in the supply distribution system

C1 Consumer Product Variant Start Effective Date
The start effective date for Consumer Product Variants, which the supplier determines. Includes time.

C2 Consumer Product Variant End Effective Date
The end effective date for Consumer Product Variants, which the supplier determines. Include time.

C3 Consumer Product Variant Discontinued Date
The date on which the consumer product variant of the trade item, which has been manufactured, is no longer being manufactured. Includes time.

C4 Consumer Product Variant Cancelled Date
The date on which the cancellation of the consumer product variant launch of a trade item that was never, and will never be manufactured, occurs.

CA Cutoff Date
The date defining the last day of record for the current processing cycle

CB Beginning Date of Customer Plant Shutdown

CE Ending Date of Customer Plant Shutdown
CL Date Loading Completed
EP Earliest Pickup Date
ES Estimated Shipping Date
FD Freshness Date
FE Future Effective Date
Used to identify the Future Effective Date
KA Scheduled Service Completion
The date on which a service is scheduled to be completed
LA Last Acquisition
The date of the last acquisition for production services
LC Date Loading Commenced
LD Last Demand
The date when the last request for material was recorded
LP Latest Pickup Date
MP Mapping Product Effective Date
OS On-Sale Date
Date an item will go on-sale
PE Period End
RS Ready to Ship
SE Date Shipped to Port of Embarkation (POE)
TA Original Transaction
TR Transfer
Y1 Harvest Date
The date the crop was cut, picked or removed from the soil or other growing media
Y2 Production Date
The date that operations or processes were performed
Y3 Last Depreciation
Identifies the last depreciation date
Y4 Depreciation Start
Identifies the depreciation start date
Y5 Extract Date
Identifies the date that the data was extracted from the Losing Information Manager's files
Y6 Used to indicate the validation request date
According to DoD Policy, supports government supply transactions

433 - F.O.B. Point Code

Code identifying type of F.O.B. point

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CS G25 G66 W66

TRANSACTION SETS USED IN

503 527 536 561 567 568 842 846 870 873 874 875 876 880 882 940 947

CODE	DEFINITION & EXPLANATION
01	City
02	Destination
03	Plant or Producing Location
04	Point of Origin

434 - F.O.B. Point

Descriptive name of F.O.B. point TYPE=**AN** MIN=**1** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

G25 G66 W66

TRANSACTION SETS USED IN

527 875 876 880 882 940

436 - Primary Publication Authority Code

Code indicating type of external reference TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)

PI PRI

TRANSACTION SETS USED IN

404 410 414 417 422 426 433 453 456 460 466 468 485 486 490 492 494 858

CODE	DEFINITION & EXPLANATION
BR	Backward Reference
DR	Division Reference
GR	Group Reference
OP	Other Publication
RR	Rate Reference
TP	Tariff Publication

437 - Rate Maintenance Authority Code

Code indicating change authority

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

SS

TRANSACTION SETS USED IN

460 494

CODE	DEFINITION & EXPLANATION
M	Rate Proposer Only

438 - U.P.C. Case Code

Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5)

TYPE=**AN** MIN=**12** MAX=**12**

SEGMENTS USED IN (AS SIMPLE)

G19 G21 G28 G39 G45 G51 G54 G68 G83 G89 ID3 W01 W04 W07 W12 W19

TRANSACTION SETS USED IN

832 875 876 877 878 879 880 886 887 888 889 893 894 895 896 940 943 944 945 947

439 - Price List Number

Identification number assigned by a vendor to a price list TYPE=**AN** MIN=**1** MAX=**16**

SEGMENTS USED IN (AS SIMPLE)

G17 G36 G68

TRANSACTION SETS USED IN

832 875 876 879 880 888

440 - Price List Issue Number

Number assigned to revised or new issues of a price list TYPE=**AN** MIN=**1** MAX=**16**

SEGMENTS USED IN (AS SIMPLE)

G17 G36 G68

TRANSACTION SETS USED IN

832 875 876 879 880 888

441 - Tax Exempt Code

Code identifying exemption status from sales and use tax TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
G50 G70 PEX PTF TAX TXI

TRANSACTION SETS USED IN
112 124 140 142 148 154 187 198 201 202 215 261 262 263 283 810 811 812 820 823 830 832 838 840 843 850 851 855 857 860 865 872 875 876 894 895

CODE	DEFINITION & EXPLANATION
0	Exempt (For Export)
1	Yes (Tax Exempt)
2	No (Not Tax Exempt)
3	Exempt (For Resale)
4	Not Exempt/For Resale
5	Exempt (Not For Resale)
6	Not Exempt, Not For Resale
7	Direct Pay ID
8	Exempt (Sale to U.S. Government)
9	Exempt (Per State Law)
A	Labor Taxable, Material Exempt
B	Material Taxable, Labor Exempt
C	Not Taxable
D	Disabled
E	Exempt Toll Service *Indicates that telecommunications services provided outside the serving area are exempt from specific taxes*
F	Exempt (Goods and Services Tax)
G	Exempt (Provincial Sales Tax)
H	Homestead
I	Agriculture
J	Working Farm
K	Open Space
L	Exempt Local Service *Indicates that telecommunications services provided within the serving area are exempt from specific taxes*
M	Disabled Veteran
N	Non-Homestead
O	Over 65
P	Exempt from School Property Tax
Q	Exempt from Local Property Tax
R	Recurring Exempt *Indicates that recurring charges related to providing a service are exempt from a specific tax*

S Exempt from County Property Tax

T Totally Exempt

U Usage Exempt
Indicates that charges incurred, based on the usage of a service, are exempt from a specific tax

V Exempt from State Property Tax

W Other Property Tax Exemption

X Exempt - Letter on file

442 - MICR Number

Identification on a bank check which includes routing and account information

TYPE=**AN** MIN=**16** MAX=**16**

SEGMENTS USED IN (AS SIMPLE)

F13

TRANSACTION SETS USED IN

124 926

443 - Contact Inquiry Reference

Additional reference number or description to clarify a contact number TYPE=**AN** MIN=**1** MAX=**20**

SEGMENTS USED IN (AS SIMPLE)

G61 PER

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 110 111 112 113 124 128 130 135 138 140 141 142 143 146 147 148 149
150 152 153 154 155 157 161 163 170 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197
198 199 200 201 202 203 204 205 206 211 212 213 215 216 217 219 220 222 227 228 245 248 249 251
252 255 256 259 260 261 262 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283
284 285 286 288 290 300 301 304 309 310 312 317 322 355 359 404 410 412 417 418 421 422 423 424
426 434 460 470 475 490 500 501 503 504 511 517 521 527 536 540 561 567 568 603 620 625 650 753
754 805 806 810 811 812 813 814 816 819 820 821 822 823 824 826 827 828 830 832 833 834 835 836
837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860
861 862 863 864 865 866 867 869 870 872 873 874 875 876 879 880 881 882 883 884 885 886 887 888
889 890 891 892 896 897 920 940 943 944 945 947

444 - Purchase Order Instruction Code

Code specifying the disposition of any difference between the quantity ordered and the quantity available for shipment

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

G70

TRANSACTION SETS USED IN

875 876

CODE	DEFINITION & EXPLANATION
AQ	Add Quantity to Meet Minimum Weight Requirement
BO	Back Order if Not Available
BX	Back Order Not Allowed
NS	Notify Prior to Shipment if Quantity Specified is Not Available
SA	Substitution Allowed
SX	Substitution Not Allowed

445 - Terms Exception Code

Code specifying the type of terms exception TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
G19 G70

TRANSACTION SETS USED IN
875 876 880

CODE	DEFINITION & EXPLANATION
DF	Deferred
DG	Damage Guarantee
DN	Discount Not Applicable
EB	Extended Billing
GS	Guaranteed Sale
IP	Initial Purchase
NI	New Item Introduction
PS	Pre-Stocking
SP	Special Purchase
ZZ	Mutually Defined

446 - Terms Net Due Date

Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

TYPE=**DT** MIN=**8** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

G23 ITD

TRANSACTION SETS USED IN

110 140 210 304 561 810 811 812 819 830 832 836 838 840 843 845 850 855 857 858 859 860 865 875 876 880 882 888 889 894 895

447 - Loop Identifier Code

The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE

TYPE=**AN** MIN=**1** MAX=**6**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK3 CTX IK3 LE LS

TRANSACTION SETS USED IN

124 148 175 185 186 189 200 201 217 223 240 255 264 265 267 271 272 285 404 417 418 421 422 501 503 754 812 824 832 834 837 838 841 846 850 854 860 890 894 895 940 945 997 999

448 - Property Damage Code

Code identifying the damage to property TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
REC

TRANSACTION SETS USED IN
206 255 260 261 262 264

CODE	DEFINITION & EXPLANATION
01	Tornado
02	Boiler Explosion
03	Fire
04	Section 203.377 Damage *Damage to vacant or abandoned property or both as specified in Section 203.377 of the National Housing Act*
05	Flood
06	Earthquake
07	Untypical Damage *Damage that does not conform to the types specified by the mortgage insurer*
08	Hurricane
09	Civil Riot
10	Vandalized
11	Freeze Damage
12	Storm Damage
13	Roof Leakage
14	Environmental Hazard
15	Other Source of Damage
16	Unable to Determine

449 - Fixed Format Information

Data in fixed format agreed upon by sender and receiver TYPE=**AN** MIN=**1** MAX=**80**

SEGMENTS USED IN (AS SIMPLE)

K3 PBI TIA TT

TRANSACTION SETS USED IN

149 151 194 245 273 355 436 490 813 826 834 835 837 996

451 - Warehouse Lot Number

Reference number assigned by the warehouse TYPE=**AN** MIN=**1** MAX=**12**

SEGMENTS USED IN (AS SIMPLE)

W01 W07 W12 W13 W19

TRANSACTION SETS USED IN

940 944 945 947

455 - Responsible Agency Code

Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

TYPE=**ID** MIN=**1** MAX=**2**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

GS **TXN**

TRANSACTION SETS USED IN

838

CODE	DEFINITION & EXPLANATION
T	Transportation Data Coordinating Committee (TDCC)
X	Accredited Standards Committee X12

456 - Temperature Probe Location Code

Code indicating physical location of product at the time temperature was measured

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

W18

TRANSACTION SETS USED IN

944

CODE	DEFINITION & EXPLANATION
01	General
02	Head
03	Middle
04	Tail

458 - Dunnage Description

Material used to protect lading

TYPE=**AN** MIN=**2** MAX=**25**

SEGMENTS USED IN (AS SIMPLE)

L0

TRANSACTION SETS USED IN

104 110 210 300 301 304 310 311 312 317 322 404 410 417 426 858 859

460 - Shipment Weight Code

Code indicating the way by which weights are obtained for a particular shipment

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

B2 BNX

TRANSACTION SETS USED IN

204 304 404 417 426 858 940

CODE	DEFINITION & EXPLANATION
A	Shipper's Weight Agreement
C	Consignee Scale Weight *Weighed using consignee scale*
D	Destination Weight Agreement *Weights provided by consignee or receiver at destination*
E	Estimated Weight *Weight provided to carrier to be used for load tender only*
F	Public Scale Weight on Behalf of Consignee *Weighed using public scale as specified by the consignee*
G	Grain Exchange Weight
H	Public Scale Weight on Behalf of Shipper *Weighed using public scale as specified by the shipper*
M	Manifest Weight
N	No Wt. Req., Ship. Moving on Contract or per car rate
O	Official Weight
R	Carrier Scale Weight
S	Shipper Certified Scale Weights
T	Tariff Authorized Weight

461 - Transit Level Code

Code indicating level of inbound transit references

TYPE=**ID** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

T1

TRANSACTION SETS USED IN

404 410 417 426

CODE	DEFINITION & EXPLANATION
X	First Prior Inbound
XX	Second Prior Inbound
XXX	Third Prior Inbound

462 - Through Surcharge Percent

Percentage of through freight charges to be charged extra as a surcharge

TYPE=**N2** MIN=**2** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

T2

TRANSACTION SETS USED IN

404 410 417 426

463 - Paid-In Surcharge Percent

Percentage of paid-in freight charges to be charged extra as a surcharge

TYPE=**N2** MIN=**2** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

T2

TRANSACTION SETS USED IN

404 410 417 426

464 - Container Terms Code

Code indicating origin and destination of transportation and type of container

TYPE=**ID** MIN=**3** MAX=**3**

Code Sources

350

SEGMENTS USED IN (AS SIMPLE)

Y2

TRANSACTION SETS USED IN

300 304 310 311

465 - Container Terms Code Qualifier

Code indicating container terms reference TYPE=**ID** MIN=**1** MAX=**1**

Code Sources

350

SEGMENTS USED IN (AS SIMPLE)

Y2

TRANSACTION SETS USED IN

300 304 310 311

CODE	DEFINITION & EXPLANATION
I	Military Standard Transportation and Movement Procedures (MILSTAMP)

466 - Total Stop-offs

Total number of stop-offs specified for a shipment TYPE=**N0** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

W28 Y2

TRANSACTION SETS USED IN

300 304 310 311 943 945

467 - Priority

Number indicating importance

TYPE=**N0** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

EXI Y7

TRANSACTION SETS USED IN

300 322 620 858 859

468 - Port Call File Number

Reference number assigned by a shipper TYPE=**N0** MIN=**4** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

Y7

TRANSACTION SETS USED IN

300 322 858 859

470 - Priority Code

Code indicating level of priority: 1-highest, 0-implies priority not assigned

TYPE=**N0** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

Y7

TRANSACTION SETS USED IN

300 322 858 859

471 - Priority Code Qualifier

Number indicating the number of levels of priority (1 to 9) used for data element 470, Priority Code

TYPE=**AN** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

Y7

TRANSACTION SETS USED IN

300 322 858 859

472 - Link Sequence Number

A two-part number in the form "SSSTTT" where "SSS" is a sequentially assigned number and "TTT" equals the highest sequential number being used within the associated (linked) group (Leading zeros are required for both "SSS" and "TTT")

TYPE=**N0** MIN=**6** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

G01 G50 W05 W06 W17

TRANSACTION SETS USED IN

875 880 881 940 943 944 945

473 - Order Status Code

Code identifying purpose of transaction set

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

G50 W05

TRANSACTION SETS USED IN

875 940

CODE	DEFINITION & EXPLANATION
A	Informational Only
B	Backorder Original
C	Confirmation
D	Delete
E	Backorder Confirmation
F	Cancel
G	Changes to Other than Line Items
L	Line Item Replace
N	Original
R	Change
S	Future Dated Order
T	Resubmission
X	Simulation Exercise
Z	Mutually Defined

474 - Master Reference (Link) Number

Reference number assigned by the sender to relate a transaction set to a master transaction (When associating a group of purchase orders, invoices or other transaction sets, use the master reference (link) number to identify the group and the link sequence number to identify individual transaction sets within the group)

TYPE=**AN** MIN=**1** MAX=**22**

SEGMENTS USED IN (AS SIMPLE)

CF1 G01 G50 W05 W06 W17

TRANSACTION SETS USED IN

224 875 880 881 940 943 944 945

475 - Credit/Debit Adjustment Number

Number assigned by issuer of a credit or debit memo TYPE=**AN** MIN=**1** MAX=**22**

SEGMENTS USED IN (AS SIMPLE)

BCD F12

TRANSACTION SETS USED IN

812 924

477 - Credit/Debit Quantity

Number of supplier units credited or debited TYPE=**R** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

CDD W19

TRANSACTION SETS USED IN

812 947

478 - Credit/Debit Flag Code

Code indicating whether amount is a credit or debit

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

AMT BCD BPR CDD CHB F05 FIR G82 G87 PDL RIC

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 133 135 139 140 141 142 148 149 150 151 153 154 159 175 176 179 180
185 186 187 189 190 191 194 195 196 197 198 199 200 201 202 203 205 206 219 220 245 248 251 252
256 259 260 261 262 264 265 266 267 268 270 271 272 273 274 276 277 283 284 285 286 288 290 362
412 424 470 501 503 521 527 561 567 568 650 805 806 810 811 812 813 814 818 819 820 821 823 824
827 828 829 831 833 834 835 836 837 838 839 840 841 842 843 844 845 847 849 850 851 852 855 856
860 865 867 872 873 880 881 883 884 887 890 891 894 895 897 920 940 945 947

CODE	DEFINITION & EXPLANATION
A	Credit (Actual)
C	Credit
D	Debit
E	Credit (Estimated)

479 - Functional Identifier Code

Code identifying a group of application related transaction sets TYPE=**ID** MIN=**2** MAX=**2**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)
AK1 E10 GS

TRANSACTION SETS USED IN
868 993 997 999

CODE	DEFINITION & EXPLANATION
AA	Account Analysis (822)
AB	Logistics Service Request (219)
AC	Associated Data (102)
AD	Individual Life, Annuity and Disability Application (267)
AE	Premium Audit Request and Return (187)
AF	Application for Admission to Educational Institutions (189)
AG	Application Advice (824)
AH	Logistics Service Response (220)
AI	Automotive Inspection Detail (928)
AK	Student Educational Record (Transcript) Acknowledgment (131)
AL	Set Cancellation (998)
AM	Item Information Request (893)
AN	Return Merchandise Authorization and Notification (180)
AO	Income or Asset Offset (521)
AP	Abandoned Property Filings (103)
AQ	Customs Manifest (309)
AR	Warehouse Stock Transfer Shipment Advice (943)
AS	Transportation Appointment Schedule Information (163)
AT	Animal Toxicological Data (249)
AU	Customs Status Information (350)
AV	Customs Carrier General Order Status (352)
AW	Warehouse Inventory Adjustment Advice (947)
AX	Customs Events Advisory Details (353)
AY	Customs Automated Manifest Archive Status (354)
AZ	Customs Acceptance/Rejection (355)
BA	Customs Permit to Transfer Request (356)
BB	Customs In-Bond Information (357)
BC	Business Credit Report (155)
BD	Customs Consist Information (358)
BE	Benefit Enrollment and Maintenance (834)
BF	Business Entity Filings (105)
BG	Customs Customer Profile Management (359)

BL Motor Carrier Bill of Lading (211)
BS Shipment and Billing Notice (857)
CA Purchase Order Change Acknowledgment/Request - Seller Initiated (865)
CB Unemployment Insurance Tax Claim or Charge Information (153)
CC Clauses and Provisions (504)
CD Credit/Debit Adjustment (812)
CE Cartage Work Assignment (222)
CF Corporate Financial Adjustment Information (844 and 849)
CH Car Handling Information (420)
CI Consolidated Service Invoice/Statement (811)
CJ Manufacturer Coupon Family Code Structure (877)
CK Manufacturer Coupon Redemption Detail (881)
CL Election Campaign and Lobbyist Reporting (113)
CM Component Parts Content (871)
CN Coupon Notification (887)
CO Cooperative Advertising Agreements (290)
CP Electronic Proposal Information (251, 805)
CQ Commodity Movement Services Response (874)
CR Rail Carhire Settlements (414)
CS Cryptographic Service Message (815)
CT Application Control Totals (831)
CU Commodity Movement Services (873)
CV Commercial Vehicle Safety and Credentials Information Exchange (285)
CW Educational Institution Record (133)
D3 Contract Completion Status (567)
Transaction set for reporting the administrative closure status of physically completed contracts
D4 Contract Abstract (561, 890)
D5 Contract Payment Management Report (568)
DA Debit Authorization (828)
DD Shipment Delivery Discrepancy Information (854)
DF Market Development Fund Allocation (883)
DI Dealer Information (128)
DM Equipment Order (422)
DS Data Status Tracking (242)
DX Direct Exchange Delivery and Return Information (894, 895)
EC Educational Course Inventory (188)
ED Student Educational Record (Transcript) (130)
EI Railroad Equipment Inquiry or Advice (456)
EN Equipment Inspection (228)
EO Transportation Equipment Registration (603)
EP Environmental Compliance Reporting (179)
ER Revenue Receipts Statement (170)
ES Notice of Employment Status (540)

EV Railroad Event Report (451)
EX Excavation Communication (620)
FA Functional or Implementation Acknowledgment Transaction Sets (997, 999)
FB Freight Invoice (859)
FC Court and Law Enforcement Information (175, 176)
FG Motor Carrier Loading and Route Guide (217)
FR Financial Reporting (821, 827)
FT File Transfer (996)
GC Damage Claim Transaction Sets (920, 924, 925, 926)
GE General Request, Response or Confirmation (814)
GF Response to a Load Tender (990)
GL Intermodal Group Loading Plan (715)
GP Grocery Products Invoice (880)
GR Statistical Government Information (152)
GT Grant or Assistance Application (194)
HB Eligibility, Coverage or Benefit Information (271)
HC Health Care Claim (837)
HI Health Care Services Review Information (278)
HN Health Care Information Status Notification (277)
HP Health Care Claim Payment/Advice (835)
HR Health Care Claim Status Request (276)
HS Eligibility, Coverage or Benefit Inquiry (270)
HU Human Resource Information (132)
HV Health Care Benefit Coordination Verification (269)
IA Air Freight Details and Invoice (110, 980)
IB Inventory Inquiry/Advice (846)
IC Rail Advance Interchange Consist (418)
ID Insurance/Annuity Application Status (273)
IE Insurance Producer Administration (252)
IF Individual Insurance Policy and Client Information (111)
IG Direct Store Delivery Summary Information (882)
IH Commercial Vehicle Safety Reports (284)
IJ Report of Injury, Illness or Incident (148)
IM Motor Carrier Freight Details and Invoice (210, 980)
IN Invoice Information (810)
IO Ocean Shipment Billing Details (310, 312, 980)
IR Rail Carrier Freight Details and Invoice (410, 980)
IS Estimated Time of Arrival and Car Scheduling (421)
JB Joint Interest Billing and Operating Expense Statement (819)
KM Commercial Vehicle Credentials (286)
LA Federal Communications Commission (FCC) License Application (195)
LB Lockbox (823)
LI Locomotive Information (436)

LN Property and Casualty Loss Notification (272)
LR Logistics Reassignment (536)
LS Asset Schedule (851)
LT Student Loan Transfer and Status Verification (144)
MA Motor Carrier Summary Freight Bill Manifest (224)
MC Request for Motor Carrier Rate Proposal (107)
MD Department of Defense Inventory Management (527)
Transactions related to the interchange of information involving material in the supply, control, and distribution systems and financial management of the Department of Defense or other participating agencies
ME Mortgage Origination (198, 200, 201, 245, 261, 262, 263, 833, 872)
MF Market Development Fund Settlement (884)
MG Mortgage Servicing Transaction Sets (203, 206, 259, 260, 264, 266)
MH Motor Carrier Rate Proposal (106)
MI Motor Carrier Shipment Status Inquiry (213)
MJ Secondary Mortgage Market Loan Delivery (202)
MK Response to a Motor Carrier Rate Proposal (108)
MM Medical Event Reporting (500)
MN Mortgage Note (205)
MO Maintenance Service Order (650)
MP Motion Picture Booking Confirmation (159)
MQ Consolidators Freight Bill and Invoice (223)
MR Multilevel Railcar Load Details (125)
MS Material Safety Data Sheet (848)
MT Electronic Form Structure (868)
MV Material Obligation Validation (517)
MW Rail Waybill Response (427)
MX Material Claim (847)
MY Response to a Cartage Work Assignment (225)
MZ Motor Carrier Package Status (240)
NC Nonconformance Report (842)
NL Name and Address Lists (101)
NP Notice of Power of Attorney (157)
NR Secured Receipt or Acknowledgment (993)
NT Notice of Tax Adjustment or Assessment (149)
OC Cargo Insurance Advice of Shipment (362)
OG Order Group - Grocery (875, 876)
OR Organizational Relationships (816)
OW Warehouse Shipping Order (940)
PA Price Authorization Acknowledgment/Status (845)
PB Railroad Parameter Trace Registration (455)
PC Purchase Order Change Request - Buyer Initiated (860)
PD Product Activity Data (852)
PE Periodic Compensation (256)

PF Annuity Activity (268)
PG Insurance Plan Description (100)
PH Pricing History (503)
PI Patient Information (275)
PJ Project Schedule Reporting (806)
PK Project Cost Reporting (839) and Contractor Cost Data Reporting (196)
PL Railroad Problem Log Inquiry or Advice (452)
PN Product Source Information (244)
PO Purchase Order (850)
PQ Property Damage Report (112)
PR Purchase Order Acknowledgment (855)
PS Planning Schedule with Release Capability (830)
PT Product Transfer and Resale Report (867)
PU Motor Carrier Shipment Pickup Notification (216)
PV Purchase Order Shipment Management Document (250)
PW Healthcare Provider Information (274)
PY Payment Cancellation Request (829)
QG Product Information (878, 879, 888, 889, 896)
QM Transportation Carrier Shipment Status Message (214)
QO Ocean Shipment Status Information (313, 315)
RA Payment Order/Remittance Advice (820)
RB Railroad Clearance (470)
RC Receiving Advice/Acceptance Certificate (861)
RD Royalty Regulatory Report (185)
RE Warehouse Stock Receipt Advice (944)
RF Request for Routing Instructions (753)
RG Routing Instructions (754)
RH Railroad Reciprocal Switch File (433)
RI Routing and Carrier Instruction (853)
RJ Railroad Mark Register Update Activity (434)
RK Standard Transportation Commodity Code Master (435)
RL Rail Industrial Switch List (423)
RM Railroad Station Master File (431)
RN Requisition Transaction (511)
Transaction set for ordering equipment and material. Can also be used to inquire about, amend, or terminate the original order
RO Ocean Booking Information (300, 301, 303)
RP Commission Sales Report (818)
RQ Request for Quotation (840) and Procurement Notices (836)
RR Response to Request For Quotation (843)
RS Order Status Information (869, 870)
RT Report of Test Results (863)
RU Railroad Retirement Activity (429)
RV Railroad Junctions and Interchanges Activity (437)

RW Rail Revenue Waybill (426)
RX Rail Car Hire Rate Negotiation
RY Request for Student Educational Record (Transcript) (146)
RZ Response to Request for Student Educational Record (Transcript) (147)
SA Air Shipment Information (104)
SB Rail Carrier Services Settlement (424)
SC Price/Sales Catalog (832, 897)
SD Student Loan Pre-Claims and Claims (191)
SE Shipper's Export Declaration (601)
SF Customs Manifest (309)
SH Ship Notice/Manifest (856)
SI Shipment Information (858)
SJ Transportation Automatic Equipment Identification (160)
SL Student Aid Origination Record (135, 139)
SM Motor Carrier Load Tender (204)
SN Rail Route File Maintenance (475)
SO Ocean Shipment Information (304, 311, 317, 319, 322, 323, 324, 325, 326, 361)
SP Specifications/Technical Information (841)
SQ Production Sequence (866)
SR Rail Carrier Shipment Information (404, 419)
SS Shipping Schedule (862)
ST Railroad Service Commitment Advice (453)
SU Account Assignment/Inquiry and Service/Status (248)
SV Student Enrollment Verification (190)
SW Warehouse Shipping Advice (945)
TA Electronic Filing of Tax Return Data Acknowledgment (151)
TB Trailer or Container Repair Billing (412)
TD Trading Partner Profile (838)
TE Tax or Fee Exemption Certification (283)
TF Electronic Filing of Tax Return Data (813)
TI Tax Information Exchange (826)
TJ Tax Jurisdiction Sourcing (158)
TM Motor Carrier Delivery Trailer Manifest (212)
TN Tax Rate Notification (150)
TO Real Estate Title Services (197, 199, 265, 485, 486)
TP Rail Rate Transactions (460, 463, 466, 468, 485, 486, 490, 492, 494)
TR Train Sheet (161)
TT Educational Testing and Prospect Request and Report (138)
TU Trailer Usage Report (227)
TX Text Message (864)
UA Retail Account Characteristics (885)
UB Customer Call Reporting (886)
UC Secured Interest Filing (154)

UD Deduction Research Report (891)
UI Underwriting Information Services (255)
UP Motor Carrier Pickup Manifest (215)
UW Insurance Underwriting Requirements Reporting (186)
VA Vehicle Application Advice (126)
VB Vehicle Baying Order (127)
VC Vehicle Shipping Order (120)
VD Vehicle Damage (124)
VE Vessel Content Details (109)
VH Vehicle Carrier Rate Update (129)
VI Voter Registration Information (280)
VS Vehicle Service (121)
WA Product Service Transaction Sets (140, 141, 142, 143)
WB Rail Carrier Waybill Interchange (417)
WG Vendor Performance Review (501, 892)
WI Wage Determination (288)
WL Well Information (625)
WR Shipment Weights (440)
WT Rail Waybill Request (425)

480 - Version / Release / Industry Identifier Code

Code indicating the version, release, and industry identifier of the EDI Standard being used, including the GS and GE segments; if the code in DE455 in the GS segment is X, then DE 480 positions 1-3 are the version number; positions 4-6 are the release level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if the code in DE455 in the GS segment is T, other formats are allowed.

TYPE=**AN** MIN=**1** MAX=**12**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

Code Sources

881

SEGMENTS USED IN (AS SIMPLE)

AK1 E01 GS OTI TXN

TRANSACTION SETS USED IN

824 838 868 993 997 999

CODE	DEFINITION & EXPLANATION
001000	ASC X12 Standards Approved by ANSI in 1983
002000	ASC X12 Standards Approved by ANSI in 1986
002001	Draft Standards Approved by ASC X12 in November 1987
002002	Draft Standards Approved by ASC X12 through February 1988
002003	Draft Standards Approved by ASC X12 through August 1988
002031	Draft Standards Approved by ASC X12 through February 1989
002040	Draft Standards Approved by ASC X12 through May 1989
002041	Draft Standards Approved by ASC X12 through October 1989
002042	Draft Standards Approved by ASC X12 through February 1990
003000	ASC X12 Standards Approved by ANSI in 1992
003010	Draft Standards Approved by ASC X12 through June 1990
003011	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through February 1991
003012	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through June 1991
003020	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1991
003021	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through February 1992
003022	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through June 1992
003030	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1992
003031	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through February 1993
003032	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through June 1993

003040 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1993

003041 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through February 1994

003042 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through June 1994

003050 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1994

003051 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through February 1995

003052 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through June 1995

003060 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1995

003061 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through February 1996

003062 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through June 1996

003070 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1996

003071 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through February 1997

003072 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through June 1997

004000 ASC X12 Standards Approved by ANSI in 1997

004010 Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

004011 Standards Approved for Publication by ASC X12 Procedures Review Board through February 1998

004012 Standards Approved for Publication by ASC X12 Procedures Review Board through June 1998

004020 Standards Approved for Publication by ASC X12 Procedures Review Board through October 1998

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004041 Standards Approved for Publication by ASC X12 Procedures Review Board through February 2001

004042 Standards Approved for Publication by ASC X12 Procedures Review Board through June 2001

004050 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2001

004051 Standards Approved for Publication by ASC X12 Procedures Review Board through February 2002

004052 Standards Approved for Publication by ASC X12 Procedures Review Board through June 2002

004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

004061 Standards Approved for Publication by ASC X12 Procedures Review Board through February 2003

004062 Standards Approved for Publication by ASC X12 Procedures Review Board through June 2003

005000 ASC X12 Standards Approved by ANSI in 2003

005010 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003

005011 Standards Approved for Publication by ASC X12 Procedures Review Board through February 2004

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006050 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2012

006051 Standards Approved for Publication by ASC X12 Procedures Review Board through February 2013

006052 Standards Approved for Publication by ASC X12 Procedures Review Board through June 2013

007000 ASC X12 Standards Approved by ANSI in 2013

007010 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2013

007011 Standards Approved for Publication by ASC X12 Procedures Review Board through February 2014

007012 Standards Approved for Publication by ASC X12 Procedures Review Board through June 2014

007020 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2014

007021 Standards Approved for Publication by ASC X12 Procedures Review Board through February 2015

007022 Standards Approved for Publication by ASC X12 Procedures Review Board through June 2015

007030 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2015

007031 Standards Approved for Publication by ASC X12 Procedures Review Board through February 2016

007032 Standards Approved for Publication by ASC X12 Procedures Review Board through June 2016

007040 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2016

007041 Standards Approved for Publication by ASC X12 Procedures Review Board through February 2017

007042 Standards Approved for Publication by ASC X12 Procedures Review Board through June 2017

007050 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2017

007051 Standards Approved for Publication by ASC X12 Procedures Review Board through April 2018

007052 Standards Approved for Publication by ASC X12 Procedures Review Board through August 2018

007060 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2018

007061 007061 Standards Approved for Publication by ASC X12 Procedures Review Board through April 2019

007062 007062 Standards Approved for Publication by ASC X12 Procedures Review Board through August 2019

008000 ASC X12 Standards Approved by ANSI in 2019

008010 008010 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2019

008020 008020 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2020

008030 008030 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2021

008040 008040 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2022

008050 008050 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2023

008060 008060 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2024

008070 008070 Standards Approved for Publication by ASC X12 Procedures Review Board through January 2026

481 - Trace Type Code

Code identifying which transaction is being referenced TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

TRN

TRANSACTION SETS USED IN

103 202 205 261 262 269 270 271 274 275 276 277 278 500 521 813 820 821 823 827 829 831 835 926

CODE	DEFINITION & EXPLANATION
1	Current Transaction Trace Numbers
2	Referenced Transaction Trace Numbers
3	Financial Reassociation Trace Number *The matching of payment and remittance information originated separately*

482 - Payment Action Code

Code specifying the accounts receivable open item(s), if any, to be included in the cash application.

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CV RMR

TRANSACTION SETS USED IN

414 820 823

CODE	DEFINITION & EXPLANATION
AJ	Adjustment
ER	Evaluated Receipts Settlement
FL	Final
NS	Not Specified (Unknown as to Type of Payment)
PA	Payment in Advance
PI	Pay Item
PO	Payment on Account
PP	Partial Payment
PR	Progress Payment

483 - Counseling Status Code

Code identifying the status of the counseling offered TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CCI

TRANSACTION SETS USED IN
200

CODE	DEFINITION & EXPLANATION
I	Involuntary Withdrawal from Plan
S	Satisfied - Plan Complete
T	Terminated - Not Complete
U	Unknown
V	Voluntary Withdrawal

484 - Evaluation Rating Code

Code identifying the evaluation rating applied to the credit rating score TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
SCM

TRANSACTION SETS USED IN
200 202 872

CODE	DEFINITION & EXPLANATION
A	Not Scored
B	Not Reported
C	Unscoreable
N	Negative
P	Positive

485 - Results Code

Code identifying the results of an applicant's inquiry TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
INQ

TRANSACTION SETS USED IN
155 200

CODE	DEFINITION & EXPLANATION
1	Declined
2	Open Discovered
3	Unknown
4	Did Not Inquire
5	Not a Lender
6	No Open Account
7	Reporting Agency Inquiry
8	Application Pending
9	Open, Account Number Not Issued
10	Account Closed
11	Open, Primary Account

486 - Product Transfer Movement Type Code

Code indicating the type of product transfer movement TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
PTD

TRANSACTION SETS USED IN
867

CODE	DEFINITION & EXPLANATION
AI	Adjustment In
AO	Adjustment Out
CD	Customer to Distributor
DC	Distributor to Customer
DM	Distributor to Manufacturer
MD	Manufacturer to Distributor
TI	Transfer In
TO	Transfer Out

487 - Maintenance Operation Code

Code indicating the type maintenance operation TYPE=ID MIN=1 MAX=1

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

DAI DMI E01 E03 E10 E13 E20 E22 E24 E30 E34 E40 E41

TRANSACTION SETS USED IN

868

CODE	DEFINITION & EXPLANATION
A	Add
C	As Stated (Used to Identify an Initial Load of Data Elements, Segments, or Codes for a Version/Release).
D	Delete
F	Flag for Delete
I	Inquiry
R	Replace (Equivalent to Delete and Add)

488 - Percent, Integer Format

Percent given in integer format (e.g., 0 through 100 represents 0% through 100%)

TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CRD GRI RAB SSC W09

TRANSACTION SETS USED IN

148 152 300 301 304 310 312 322 324 325 453 460 494 832 940

489 - Loop Level Number

A number used by the electronic form of the X12 standards to specify the loop level of a segment within a transaction set; it is 1 for the first loop level and is incremented by 1 for each succeeding loop within a loop level

TYPE=**N0** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E13

TRANSACTION SETS USED IN

868

490 - Note Identification Number

A number providing a reference to a segment or file which contains notes or comments related to X12 standards documentation

TYPE=**N0** MIN=**1** MAX=**6**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

DAI DMI E03 E10 E13 E20 E24 E30 E40 E41

TRANSACTION SETS USED IN

868

491 - Data Element Usage Type Code

Code indicating the type of data element TYPE=**ID** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E24

TRANSACTION SETS USED IN

868

CODE	DEFINITION & EXPLANATION
1	Service
2	Control
C	Composite
S	Simple

493 - Tariff Number Suffix

Suffix to a tariff identifying number TYPE=**AN** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PRI TF

TRANSACTION SETS USED IN

106 414 485 492

495 - Condition Segment Logical Connector

Code indicating how a specific segment's statement of a rate restriction is evaluated, and its relationship to rate restrictions stated within other segments of the same segment definition.

TYPE=**AN** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CD PT SW

TRANSACTION SETS USED IN

404 410 417 426 433 460 485 490 494 858

496 - Docket Level Number

A code which identifies the second hierarchical level of a docket; this code provides a unique identification for a subset of rates within a docket when combined with data element 497

TYPE=**N0** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

SB SC

TRANSACTION SETS USED IN

460 485 492

497 - Sub Level

A code identifying the third hierarchical level of a docket; this code provides a unique identification for a subset of rates within a docket when combined with data element 496

TYPE=**AN** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

SC

TRANSACTION SETS USED IN

460 485 492

498 - Condition Code

Code identifying the type of restriction or provision applicable to a rate as defined in the Official Railway Equipment Register; when combined with element 499, a specific rate restriction or provision is represented

TYPE=**ID** MIN=**4** MAX=**4**

Code Sources

934

SEGMENTS USED IN (AS SIMPLE)

CD SW

TRANSACTION SETS USED IN

404 410 417 426 433 460 485 490 494 858

499 - Condition Value

Identifies rate restrictions or provisions

TYPE=**AN** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

CD CTP SW

TRANSACTION SETS USED IN

124 206 271 304 404 410 417 426 433 460 485 490 494 536 810 821 822 830 832 836 837 840 843 845 846 847 850 851 852 855 857 858 860 865 878 886 897

500 - Rate Level

Identifies the broad tariff change which is reflected in the rate amounts and need not be separately applied; when a rail carrier's cost recovery (RCCR) change is not applicable, then "N/A" will appear in this element

TYPE=**AN** MIN=**1** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

RA RS SS

TRANSACTION SETS USED IN

460 485 494

501 - Customs Documentation Handling Code

Code specifying method of handling for documentation TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
B2 BOL BX

TRANSACTION SETS USED IN
204 211 304 404 417 426 858

CODE	DEFINITION & EXPLANATION
10	Proforma Entered/B13 Not Required *U.S. Customs and Border Protection (CBP) Proforma information is included in this transmission and Canadian Customs B13 information is not required*
14	Proforma and B13 Entered
15	Proforma Entered and B13 with Car
16	Proforma Entered and B13 by Summary Reporting
17	Proforma Entered with B13 with Broker Port of Exit
20	Proforma with Car/B13 Not Required *U.S. Customs and Border Protection (CBP) Proforma information is on paper moving with the car and Canadian Customs B13 information is not required*
24	Proforma with Car and B13 Entered
25	Proforma and B13 with Car
26	Proforma with Car and B13 by Summary Reporting
27	Proforma with Car and B13 with Broker Port of Exit
30	Proforma with Broker Port of Exit/B13 Not Required *U.S. Customs and Border Protection (CBP) Proforma information is on paper with the Broker at the Port of Exit and Canadian Customs B13 information is not required*
34	Proforma with Broker Port of Exit and B13 Entered
35	Proforma with Broker Port of Exit and B13 with Car
36	Proforma with Broker Port of Exit B13 by Summary Reporting
37	Proforma and B13 with Broker Port of Exit
40	Customs Cleared
90	Customs A 4 +

502 - Type of Locomotive Maintenance Code

Value defining locomotive maintenance schedule TYPE=**AN** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

W2

TRANSACTION SETS USED IN

228 322 418

503 - Block 20 Code

Code identifying Block 20 characteristics TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
XH

TRANSACTION SETS USED IN
404 417 858 859

CODE	DEFINITION & EXPLANATION
1	Subject to Drawback
2	Imported on 1/60 Basis
3	Imported Under License

504 - Chemical Analysis Percentage

Chemical analysis percentage TYPE=**N2** MIN=**2** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

XH

TRANSACTION SETS USED IN

404 417 858 859

505 - Partition Indicator

Designates the partitioned area of a code value list in the data element dictionary of the X12 standards

TYPE=**AN** MIN=**1** MAX=**80**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E34

TRANSACTION SETS USED IN

868

506 - (DFI) ID Number Qualifier

Code identifying the type of identification number of Depository Financial Institution (DFI)

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BAU BPR DAD DEP PDL PM RIC

TRANSACTION SETS USED IN

103 105 111 113 154 189 267 268 286 521 813 814 820 823 827 828 834 835

CODE	DEFINITION & EXPLANATION
01	ABA Transit Routing Number Including Check Digits (9 digits) SEE CODE SOURCE 4
02	Swift Identification (8 or 11 characters)
03	CHIPS (3 or 4 digits)
04	Canadian Bank Branch and Institution Number SEE CODE SOURCE 91
ZZ	Mutually Defined

507 - (DFI) Identification Number

Depository Financial Institution (DFI) identification number TYPE=**AN** MIN=**3** MAX=**12**

Code Sources

60

SEGMENTS USED IN (AS SIMPLE)

BAU BPR DAD DEP PDL PM RIC

TRANSACTION SETS USED IN

103 105 111 113 154 189 267 268 286 521 813 814 820 823 827 828 834 835

508 - Account Number

Account number assigned

TYPE=**AN** MIN=**1** MAX=**35**

COMPOSITE DATA STRUCTURES USED IN

C062

SEGMENTS USED IN (AS COMPONENT)

FSA

SEGMENTS USED IN (AS SIMPLE)

ACT BAU BMM BPR BVS CDA CSH DAD DEP FAA IT8 LN1 PDL PM RIC TLN

TRANSACTION SETS USED IN

103 105 111 113 121 125 148 154 186 189 198 199 200 201 202 248 252 255 261 265 267 268 273 274 286 521 813 814 820 821 822 823 827 828 830 833 834 835 840 843 850 855 860 865 872

509 - Originating Company Identifier

A unique identifier designating the company initiating the funds transfer instructions, business transaction or assigning tracking reference identification.

TYPE=**AN** MIN=**10** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

BPR DAD TRN

TRANSACTION SETS USED IN

103 154 202 205 261 262 269 270 271 274 275 276 277 278 500 521 813 820 821 823 827 828 829 831 835 926

510 - Originating Company Supplemental Code

A code defined between the originating company and the originating depository financial institution (ODFI) that uniquely identifies the company initiating the transfer instructions

TYPE=**AN** MIN=**9** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

BPR DAD

TRANSACTION SETS USED IN

103 154 521 813 820 823 828 835

511 - Rail Car Plate Size Code

Code identifying the plate code which specifies the dimensions of a rail freight car that is the maximum size that can be handled at the station. (See Appendix A50 for source of specific measurements)

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

SMO

TRANSACTION SETS USED IN

431

CODE	DEFINITION & EXPLANATION
B	Plate B
C	Plate C
D	Plate D
E	Plate E
F	Plate F
G	Plate G
H	Plate H
I	Plate I
J	Plate J
K	Plate K
X	Plate Size Restriction Has Been Eliminated

512 - Import/Export Code

Code identifying the type of foreign trade shipments handling capability TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

AT6 SMO VID

TRANSACTION SETS USED IN

215 309 350 355 358 359 431 601

CODE	DEFINITION & EXPLANATION
B	Both Import and Export
E	Export Only
I	Import Only
N	No Import or Export Facility Available

514 - Reporting Code

Code specifying the basis used when reporting shipment information TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
W06 W17

TRANSACTION SETS USED IN
943 944 945

CODE	DEFINITION & EXPLANATION
A	Inventory Adjustment, Full Detail
B	Book Transfer of Inventory, Full Detail
C	Customer Return - Full Detail
F	Full Detail
J	Original Transaction
K	Simulation Exercise
N	No Exceptions
O	Physical Inventory Overage, Full Detail
P	Production Receipt, Full Detail
R	Replacement and Charge
S	Physical Inventory Shortage, Full Detail
X	Exceptions Only
Y	Automated Manifest System (AMS) Master-In-Bond Participant
Z	Mutually Defined

515 - Number of Transaction Sets Totaled

Number of transaction sets for which the totals apply TYPE=**N0** MIN=**1** MAX=**7**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

BT1

TRANSACTION SETS USED IN

980

516 - Total Qualifier

Code identifying the span of the total specified by data element 518, Total

TYPE=**ID** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

BT1

TRANSACTION SETS USED IN

980

CODE	DEFINITION & EXPLANATION
1	Functional Group Total
2	Month to Date Total
3	Year to Date Total
4	Mutually Agreed Total

517 - Data Element Totaled

Reference designator for the data element used in calculating the total TYPE=**AN** MIN=**4** MAX=**5**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

BT1

TRANSACTION SETS USED IN

980

518 - Total

Algebraic sum of values in all data elements totaled TYPE=**R** MIN=**1** MAX=**15**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

BT1

TRANSACTION SETS USED IN

980

519 - Time Period Unit Qualifier

Code identifying the type of time period TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CV ES EXI

TRANSACTION SETS USED IN
414 451 456 620

CODE	DEFINITION & EXPLANATION
1	Month
2	Year
A	Hourly Appurtenance Units (Hours of Enhancement/Addition to Equipment)
D	Daily Time Units
H	Hourly Time Units
O	Other Time Units

521 - Product Transfer Type Code

Code identifying the type of product transfer TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
PAD PTD SHI

TRANSACTION SETS USED IN
103 844 845 849 867

CODE	DEFINITION & EXPLANATION
BB	Demand Information Only *No physical transfer of material occurs; historical demand information is provided for record purposes only*
BC	Issue - Other Agency
BD	Issue - Other Department
BE	Grant Aid *Issue from inventory or by direct delivery from vendor for grant aid*
BF	Foreign Military Sale *Issue for Foreign Military Sales from inventory or by direct delivery from vendor*
BG	Test and Evaluation
BH	Furnished Goods and Services *Issue of furnished goods and services from inventory or by direct delivery from a vendor for consumption in manufacture of an end item*
BI	Reutilization and Marketing *Issue of stocks from inventory for processing and reuse within the Department of Defense (DoD) or resale outside of DoD*
BJ	Relocation
BK	Modification
BL	Repair or Nondestructive Testing
BM	Loan
BN	Return
BO	Designated Items *Issue of designated items from inventory for installation on a principal item/weapon system*
BP	Broken Price
BQ	Other *Issue from inventory, when a specific reason type is not otherwise provided*
BR	Exchange
BS	Bailment Stock Withdrawal
BT	Book Entry
BU	Transfer via Depository Trust Company (DTC)
BV	Physical Delivery
BW	Piece Embedded into Line Item *Used to report when the Government Furnished Property (GFP) Item is embedded or incorporated into other GFP at the Line Item level*
BX	Piece Consumed *Used to report when the Government Furnished Property item is consumed without*

identification of a parent item

BY Piece Embedded into Independent Parent
Used to report when the GFP item is embedded or incorporated into an individually identified GFP parent item

BZ Piece Embedded into Product
Used to report when the Government Furnished Property item is embedded or incorporated into a non-GFP item including production parent item

CC Transfer for Charitable Contribution

CO Replacement Due to Complaint
Product shipped or transferred to customer to settle a complaint

CS Contract Sale

DL Oil Deliveries

DS Drop Ship Sale

FG Flowing Gas Information

GD Gas Disposition

GP Gas Plant Liquids Summary

GR Gas Receipts

IA Inventory adjustment

IB Interbranch

OE Ordnance Expenditure
Used to identify the issue as being related to an ordnance expenditure

OF Offshore Movement/Sale

ON Onshore Movement/Sale

OT Oil Transfer and Storage

PA Price adjustment

PB Price Book

PL Property Level Movement/Sale

PM Physical Meter Information

PO Production Origin

PP Pool Level Movement and/or Sale

RA Reapplication of Order

RB Return of Broken Price

RC Received From Vendor

RP Return of List Price

RT Oil Receipts

RU Return to Usable Inventory

RV Return to Vendor

SA Stocking adjustment

SC Scrap

SD Ship and Debit Sale

SH Ship and Debit

SM Sample

SS Stock Sale

SU Summary

TD Transfer for Disposal
WL Well Level Movement/Sale

522 - Amount Qualifier Code

Code specifying the amount qualifier

TYPE=**ID** MIN=**1** MAX=**3**

COMPOSITE DATA STRUCTURES USED IN
C007

SEGMENTS USED IN (AS COMPONENT)
AWD ASO

SEGMENTS USED IN (AS SIMPLE)
AIN AMT ASL ASM B11 BAL BTA CAI CIV CRD CTB DAD ECS FCL FIS G13 GRI IDB INC JIL L13 PAM PAS PDL PPI PRC PSA PTF RDI RLD RO SPA SWR VAT

TRANSACTION SETS USED IN
100 101 103 105 111 112 113 124 132 133 135 139 140 141 142 144 148 149 150 151 152 153 154 155 159 175 176 179 180 185 186 187 189 190 191 194 195 196 197 198 199 200 201 202 203 205 206 213 219 220 245 248 251 252 256 259 260 261 262 264 265 266 267 268 270 271 272 273 274 276 277 283 284 285 286 288 290 362 412 424 433 470 501 503 521 527 540 561 567 568 601 650 805 806 810 811 812 814 818 819 820 821 823 824 828 829 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 847 849 850 851 852 855 856 860 865 867 872 873 880 881 883 884 885 887 890 891 897 940 945 947

CODE	DEFINITION & EXPLANATION
1	Line Item Total
2	Batch Total
3	Deposit Total
4	Lock Box Total
5	Total Invoice Amount
6	Amount Subject to Total Monetary Discount
7	Discount Amount Due
8	Total Monetary Discount Amount
9	Total Operational Statement Amount
A	Adjusted Chargeback Claim Amount
B	Estimated *Indicates the estimated amount*
C	City
D	Payer Amount Paid
E	Estimated Credit *Indicates the estimated credit value to be provided*
F	Annual Limit
G	Collateral
H	Bid Amount
I	Interest
J	Trustee Fees
K	Attorney and Trustee Fees
L	Local
M	Amount Due from Buyer at Appraisal Notice Date

N Net
Indicates the value remaining after all deductions and adjustments have been made

O Court Cost

P Penalty

Q Amount Owed to Buyer at Appraisal Notice Date

R Spend Down
Amount that the recipient is applying towards the amount the recipient is responsible for paying each month prior to being eligible for Medicaid services

S Submitted Chargeback Claim Amount

T Tax

U Underpayment

V Cost of Deficiency

W Deficiency Judgment Fees
Fees paid by a mortgagee in seeking a judgment from the court against a mortgagor to attach the mortgagor's assets for repayment on the defaulted mortgage

X Deficiency Judgment Expenses and Fees
The costs and fees incurred by a mortgagee in seeking a judgment from the court against a mortgagor to attach the mortgagor's assets for repayment on the defaulted mortgage

Y Current List Price

Z List Price When Sold

00 Downpayment on the Repayment Plan Amount

01 Fixed Installment Control Accounting Error

02 Graduated Payment Mortgage Adjustment

03 Growing Equity Mortgage Adjustment

04 Adjustable Rate Mortgage Change

05 Fixed Installment Control Substitution Adjustment

06 Interest Adjustment

07 Deferred Graduated Payment Mortgage Interest Paid

08 Interest Accounting Error

09 Principal Accounting Error

0A Interest Substitution Adjustment

0B Principal Substitution Adjustment

0C Prepaid Interest

0D Prepaid Principal

0E Delinquent Interest

0F Delinquent Principal

0G Curtailment Adjustment

0H Serial Note Principal Available for Distribution

0I Servicing Fee

0J Guarantee Fee Adjustment

0K Amount Under-collateralized

0L Amount Over-collateralized

0M Trial Balance Adjustment

0N Custodial Bank Account Adjustment

0P Item

0Q Schedule
0R Regular Plan
0S Previously Billed
0T Currently Due
0U Coverage Premium
10 Shipment Value in U.S. Dollars
11 Liabilities at Bankruptcy
12 Account Average Balance Account
13 Outstanding Balance at Foreclosure
14 Legal Obligation Debt Amount
15 Estimated Closing Cost Amount
16 Discount Fees Paid by Borrower Amount
17 Closing Costs or Concessions Paid by Seller
18 Prepaid Items Amount
19 Federal Housing Administration, Mortgage Insurance Premium Funding Fee Financed Amount
1A Variance
1B Variance Adjustment Cost
1C Variance Adjustment Schedule
1D Escalation
1E Fixed Price
1F Lodging
1G Meals
1H Travel Expense
1J Insurance Expense
1K Union Dues
1L Regular Income
1M Income on Real Property
1N Income from Social Security and/or other Government Assistance
1P Total Monthly Income
1Q Electric and/or Fuel Payment
1R Water and/or Sewer Payment
1S Telephone Payment
1T Maintenance Expense
1U Food Expense
1V Clothing Expense
1W Laundry Expense
1X Medical and/or Dental Expense
1Y Recreation Expenses
1Z Charitable Contributions
20 Federal Housing Administration, Mortgage Insurance Premium or Veteran's Administration Funding Fee Amount
21 Original Cost of Property Amount
22 Owner's Estimate of Value Amount

23 Appraised Value Amount
24 Gross Monthly Income Amount
25 Assets at Bankruptcy
26 Negotiated Cost
The estimated cost negotiated in a Cost-Plus-Fixed-Fee contract or the negotiated contract target cost in either a Fixed-Price-Incentive contract or a Cost-Plus-Incentive-Fee contract
27 Authorized Unpriced Work
Effort for which written authorization has been received but defined costs have not been agreed to
28 Target Price
The negotiated contract cost plus profit or fee applicable to the defined contract effort
29 Estimated Price
The latest revised estimate of the total cost at complete for a contract
2A Home Insurance Expense
2B Life Insurance Expense
2C Health Insurance Expense
2D Automobile Insurance Expense
2E Value of Property Claimed as Exempt
2F Automobile Payment
2G Other Type of Installment Payment
2H Operating Expenses
2I Total Projected Monthly Income
2J Total Projected Monthly Expenses
2K Excess Income
2L Value of Personal Property
2M Monthly Overtime
2N Total All Repairs
2P Total Recommended Repairs
2Q State Quarterly Total Gross Wages
2R State Quarterly Unemployment Insurance (UI) Total Wages
2S State Quarterly Unemployment Insurance (UI) Excess Wages
2T State Quarterly Unemployment Insurance (UI) Taxable Wages
2U State Quarterly Disability Insurance Taxable Wages
2V State Quarterly Tip Wages
2W Asset-Long Term
2X Asset-Short Term
2Y Base Coverage
2Z Commission Retained
30 Contract Ceiling
The ceiling price applicable to defined effort
31 Estimated Contract Ceiling
The estimated ceiling price applicable to all authorized contract effort (both defined and undefined)
32 Target Fee or Profit Amount
The fee (can also be percent) of profit that will apply to defined contract effort

33 Original Contract Target Cost
Value of the original negotiated contract

34 Negotiated Contract Changes
The cumulative cost (excludes fee and profit) applicable to defined contract changes that have occurred since the beginning of the contract

35 Current Target Cost
Sum of Original Contract Target Cost and Negotiated Contract Changes

36 Contract Budget Base (CBB)
Sum of Current Target Cost and Estimated Cost of Authorized, Unpriced Work

37 Current Budgeted Cost for Work Scheduled (BCWS)
The planned cost for a defined scope of workor portion of workthat is scheduled to be done during a given period

38 Current Budgeted Cost for Work Performed (BCWP)
The sum of budgets for completed workpackages and completed portions of open work packages, plus the applicable portion of the budgets for level of effort and apportioned effort; also known as earned value

39 Current Actual Cost of Work Performed (ACWP)
The costs incurred and recorded for workperformed in a given period

3A Accounting

3B Accounts Payable

3C Accounts Receivable

3D Advanced Dividends

3E Advertising Expenses

3F Amortization

3G Amortization Costs

3H Amount of Decree

3I Asset Investment

3J Authorized Capital

3K Available Reserves

3L Bad Debt Allowance

3M Bad Debts

3N Bank Account(s)

3O Long Term Assets

3P Long Term Liabilities

3Q Long Term Tangible Assets

3R Losses on Capital

3S Machines and Tools

3T Member Risk Capital

3U Miscellaneous After Tax Exempt

3V Mortgage

3W Nominal Capital

3X Nominal Damages

3Y Non-operational Fixed Assets

3Z Excess Amount Requested

40 Current Schedule Variance (SV)
The difference between the Budgeted Cost for WorkPerformed and the Budgeted Cost for WorkScheduled

41 Current Cost Variance (CV)
The difference between the Budgeted Cost for WorkPerformed and the Actual Cost of Work Performed

42 Cumulative Budgeted Cost for Work Scheduled (BCWS)
The cumulative planned cost for a defined scope of workor portion of workthat is scheduled to be done during a given period

43 Cumulative Budgeted Cost for Work Performed (BCWP)
The cumulative sum of budgets for completed workpackage and completed portions of open workpackages, plus the applicable portion of the budgets for level of effort and apportioned effort; also known as earned value

44 Cumulative Actual Cost of Work Performed (ACWP)
The cumulative cost incurred and recorded for workperformed in a given period

45 Cumulative Schedule Variance (SV)
The cumulative difference between the cumulative Budgeted Cost for WorkPerformed and the cumulative Budgeted Cost for WorkScheduled

46 Cumulative Cost Variance (CV)
The cumulative difference between the cumulative Budgeted Cost for WorkPerformed and the cumulative Actual Cost for WorkPerformed

47 Reprogram Cost Variance
Adjustments to previously reported variances due to reprogramming efforts

48 Reprogram Budget
Adjustments to the budget due to reprogramming efforts

49 At Complete Budget (BAC)
The total budget assigned to a workpackage or task, also, the total budget of any summary of these worktasks

4A Nonissued Capital

4B Notes Payable

4C Notes Receivable

4D Bank Debentures

4E Bank Obligations

4F Buildings

4G Buildings Under Construction

4H Capital

4I Capital Associated with Principal

4J Capital of Other Subsidiaries

4K Capital Stock

4L Cash

4M Capital Subsidies Received

4N Commercial Debt

4O Commercial Expenses

4P Common Stock

4Q Consequential Damages

4R Compensatory Damages

4S Convertible Debentures

4T Cost of Goods Sold
4U Cost of Sales
4V Cost(s)
4W Current Assets
4X Current Liabilities
4Y Damages
4Z Deferred Cost
50 At Complete Latest Revised Estimate (LRE)
Latest estimate of cost at completion including over or under runs for all authorized work; it is the sum or the actuals to date plus the estimate of remaining work(Estimate to Complete or ETC)
51 At Complete Variance
The difference between the Budget at Complete and the Estimate at Complete
52 Total Allocated Budget
Sum of all budgets allocated to the performance of a contract
53 Difference (Contract Budget Base - Total Allocated Budget)
The difference between the Contract Budget Base and the Total Allocated Budget
54 Forecast
Alternate term for Estimate to Complete (amount of workremaining); or a number to compare to an Estimate to Complete
55 At Complete Forecast
Alternate term for Estimate at Complete (actual costs plus estimate of remaining workETC); or to compare to an Estimate at Complete
56 Current Cost Performance Index (CPIe) - Efficiency (BCWP/ACWP)
An indication of cost efficiency for workthat has been done
57 Current Cost Performance Index (CPIp) - Planned (ACWP/BCWP)
Alternate calculation for Code 56
58 Current Schedule Performance Index (SPI)
A cumulative indication of schedule efficiency for workthat has been done
59 Cumulative Cost Performance Index (CPIe) - Efficiency (BCWP/ACWP)
A cumulative indication of cost efficiency for workthat has been done
5A Deferred Credit or Income
5B Deferred Taxation
5C Deposits
5D Depreciation
5E Depreciation of Fixed Assets
5F Depreciation of Revaluation of Fixed Assets
5G Director's Remuneration
5H Dividends
5I Doubtful Receivables
5J Equipment
5K Equipment Subsidies
5L Equities, Stocks
5M Equity
5N Exceptional Item
5O Exports

5P External Charge
5Q Extraordinary Charge
5R Extraordinary Current Asset Write Downs
5S Extraordinary Result
5T Financial Assets
5U Financial Charges
5V Financial Debt
5W Financial Expenses
5X Financial Income
5Y Finished Goods
5Z Fixed Asset Debts
60 Cumulative Cost Performance Index (CPIp) - Planned (ACWP/BCWP)
Alternate calculation for Code 59
61 Cumulative Schedule Performance Index (SPI)
An indication of schedule efficiency for workthat has been done
62 To Complete Performance Index (TCPI) for Budget at Complete (BAC)
An indication of the efficiency level necessary to meet the budget target
63 To Complete Performance Index (TCPI) for Estimate At Complete (EAC)
An indication of the efficiency level necessary to meet the estimate target
64 Initial Contract Price Target
Value of initial negotiated contract target price
65 Initial Contract Price Ceiling
Value of initial negotiated contract ceiling price
66 Adjusted Contract Price Target
Value of initial contract plus supplemental agreements
67 Adjusted Contract Price Ceiling
Value of adjusted ceiling price
68 Funds Authorized to Date
Value of contract fund authorized from the beginning through the current reporting period
69 Accrued Expenditures
Actual cost to date
6A Fixed Assets
6B Fixed Assets for Sale
6C Fixtures
6D Fixtures and Equipment
6E Franchise
6F Franchise Tax Balance
6G Franchise Tax Paid
6H Free Reserves
6I Furniture
6J Future Loan
6K General Accounts
6L General Expenses
6M Goodwill
6N Grants for Operating Costs

6O Group Related Financial Income
6P Income Stated in Advance
6Q Income Tax
6R Income Tax, Corporate
6S Income Tax, Noncorporate
6T Injunction
6U Intangible Depreciation
6V Intangibles
6W Interest of Third Party
6X Interest on Loans
6Y Operating Income (Loss)
6Z Optional Reserves
70 Open Commitments
Value of supplies or other items committed to for payment (such as on delivery of products)
71 Forecast of Billings
This is a forecast of billings to the government; includes cumulative amounts already billed (including progress or advance payments) and a forecast of amounts that will be billed to the government
72 Estimated Termination Costs
Cost that would be necessary to liquidate all government obligations if the contract were to be ended in that reporting period
73 Accrued Expenditures plus Open Commitments
Sum of actual costs and committed costs
74 Contract Work Authorized - Definitized
The estimated price for the authorized workincluding profit or fee, and incentive and cost sharing associated with projected over or under runs
75 Contract Work Authorized - Not Definitized
The estimate of the fund requirements for performing required workthat firm contract prices have not yet been agreed to
76 Contract Work Authorized - Total
Sum of Contract WorkAuthorized - Definitized and Contract WorkAuthorized - Not Definitized
77 Forecast of Work - Not Yet Authorized
An estimate of fund requirements including fee or profit for changes proposed, but not yet directed by the customer
78 Forecast of Work - All Other
An estimate of fund requirements for additional workthat the contractor expects to do
79 Forecast of Work - Total
Sum of Forecast Work- Not Yet Authorized and Forecast of Work- All Other
7A Organizational Expenses
7B Outside Share in Profit or Loss
7C Outstanding Debts against Board of Directors/Managers
7D Owing
7E Owing from Affiliates
7F Owing from Participants
7G Owing to Affiliates

7H Owing to Fiscal Office
7I Owing to National Social Security Office
7J Owing to Participants
7K Own Work Capitalized
7L Paid in Capital
7M Par Value
7N Participating Interest
7O Patents
7P Pension Debts
7Q Pensions Provision
7R Preferred Stock
7S Prepaid Orders in Progress
7T Prior Results Carried Forward
7U Profit or Loss
7V Profit or Loss after Taxes
7W Profit or Loss before Taxes
7X Profit or Loss on Ordinary Activities after Tax
7Y Progress Payments
7Z Proposed Dividend
80 Funding - Total Requirements
The estimate of total fund requirements for contract workauthorized and forecast
81 Funds Carryover
For incrementally funded contract, this is the amount that the prior Federal fiscal year funding was in excess of the prior year's requirement
82 Net Funds Required
An estimate of net funds required, less funds carryover
83 Contract Work Authorized (with fee/profit) Actual or Projected
These are the cumulative and projected values for the contract
84 Contract Work Authorized (with fee/profit) Actual or Projected - At Complete
The cumulative value from the start to the end of the contract
85 Best Case Estimate
86 Worst Case Estimate
87 Most Likely Estimate
88 "As Is" Appraisal Amount
89 "Subject To" Appraisal Amount
8A Provision for Depreciation of Stock or Inventory
8B Provision for Future Purchases
8C Provision for Risks
8D Punitive Damages
8E Purchase Price
8F Purchases
8G Raw Materials
8H Real Estate
8I Receivables

8J Regularization Account
8K Research and Development
8L Restructuring Costs
8M Result
8N Retained Earnings
8O Revenues
8P Sales
8Q Sales and Use Tax
8R Savings
8S Secured Liability
8T Secured Loans
8U Selling Expenses
8V Services
8W Share Capital
8X Share in Profit or Loss of Minority Interest
8Y Share Premium Capital
8Z Shares in Affiliated Companies
90 "Completion Per Plans" Appraisal Amount
91 Site Value Amount
92 Compensation
All eligible monies paid to the employee, as defined in the plan document
93 Contribution
94 Death Benefit
Total benefit amount to be distributed to the employee's beneficiaries
95 Death Benefit Decrement
Periodic benefit amount to be distributed to the employee's beneficiaries, until the account balance is exhausted
96 Employee Account Balance
Total benefit amount owed to an employee from a defined contribution plan
97 Loan Repayment
Amount of loan repayment made to the plan
98 Prior W2
Taxable compensation, as reported on the IRS W2 form, for the prior tax year
99 Single Premium
9A Social Charges
9B Social Security (FICA)
9C Special Reserves
9D Specially Secured Creditors
9E Specific Performance
9F Starting Capital
9G Statutory Reserves
9H Subscribed Capital
9I Suit Amount
9J Supplies
9K Surplus of Revaluation

9L Tangible Net Worth
9M Tax Adjustments
9N Tax Balance
9O Tax Capital Amount
9P Tax on Extraordinary Items
9Q Tax Recoverable
9R Taxed Reserves
9S Trade Creditors
9T Inventory (Stock)
9U Inventory (Stock) Depreciation
9V Inventory (Stock) Purchases
9W Investment in Own Shares
9X Investments
9Y Issued Capital
9Z Labor Costs
A0 Assistantship from Admitting Educational Institution
A1 Average Negative Ledger Balance
Aggregate amount of overdrafts divided by number of days overdrawn in analysis period
A2 Average Positive Collected Balance
Aggregate amount of positive daily collected balances divided by number of days in analysis period that collected balances were positive
A3 Average Negative Collected Balance
Aggregate amount of negative daily collected balances divided by number of days in analysis period that collected balances were negative
A4 Average Positive Ledger Balance
Aggregate amount of positive daily ledger balances divided by number of days in analysis period that ledger balances were positive
A5 Disallowed - Estimated
Approximate value rejected to the individual
A6 Disallowed - Actual
Calculated value rejected to the individual
A7 Noncovered Charges - Estimated
Approximate value not covered by the benefit plan
A8 Noncovered Charges - Actual
Calculated value not covered by the benefit plan
A9 Allowed - Estimated
Approximate amount considered for payment under the provisions of the contract prior to determination of actual amount
AA Allocated
AB Adjusted Collected Balance
AC Average Collected Balance
AD Adjusted Total
AE Arrearage
AF Average Float
AG Adjusted Gross Income

AH Loan Balance Difference
The difference between the unpaid loan balance due as originally claimed and the correct unpaid loan balance

AI Sale Amount
The amount for which the property was sold

AJ Funds Held by Mortgagee
Cash amount held or deposited in the account of a borrower by a lender of a mortgage

AK Attorney Fees

AL Average Ledger Balance

AM Amount Financed

AN Bankruptcy Fee
Fee paid to attorney for bankruptcy procedure

AO Amount Override
Used when the commission payment is not based on sales and is an agreed upon flat dollar amount

AP Amount Prior to Fractionalization
Full charge amount for the service per service period, prior to pro-rated fractionalization due to partial period billing

AQ Average Price Per Call
The total amount of money associated with a category of calls divided by the total number of calls within the category calculated to provide call summary details

AR Fees to Public Officials for Foreclosure
The fees paid to public officials for the foreclosure of a property with a defaulted mortgage

AS Average Price Per Minute
The total amount of money associated with a category of calls divided by the total number of minutes within the category calculated to provide call summary details

AT Total Received

AU Coverage Amount
The dollar amount of property coverage provided by a specific policy contract

AV Actual Cash Value
An amount indicating the replacement cost, less depreciation, less prior damage, plus betterment

AW Replacement Cost
The estimate replacement dollar amount of the insured's property

AX Previous Price

AY Title Cost
The costs of obtaining a good and marketable title to a property

AZ Other Foreclosure and Acquisition Expenses
Any additional expense incurred to foreclose on and acquire property with a defaulted mortgage excluding attorney fees and transfer taxes

B0 Bond

B1 Benefit Amount

B2 Bonuses and Commissions Divided Over 12 Months

B3 Bonuses Divided Over 12 Months

B4 Bonuses and Commissions

B5 Budgeted

B6 Allowed - Actual
Amount considered for payment under the provisions of the contract

B7 Deductible - Estimated
Approximate amount, deducted by the payer, from the allowed amount in order to meet the contract deductible provisions

B8 Co-insurance - Estimated
Approximate value still to be paid by the individual under the co-insurance provisions of the benefit contract

B9 Co-insurance - Actual
Calculated value still to be paid by the individual under the co-insurance provisions of the benefit contract

BA Bargain

BB Mortgage Insurance Premiums
The premium paid to an insurer to obtain (and maintain) mortgage insurance on a mortgage

BC Billing Cycle Net Fee Position (Excess/Deficit)

BD Balance Due

BE Disbursements for Authorized Repair

BF Hazard Insurance Premium
Premium paid to an insurer for an insurance policy covering the loss of property and other structures

BG Eviction Attorney Fees
The fees paid to the attorney handling the forcing out of the occupants and their belongings from a property

BH Eviction Expenses
The cost incurred by the landlord or lender of the mortgage to force the occupants and their belongings from the property

BI Property Taxes

BJ Disbursements Not Shown Elsewhere
Monies paid out but not recorded or shown elsewhere

BK Disbursements for Protection and Preservation
Monies paid out for protection and preservation of a property

BL Disbursements for Inspections and Boarding
The funds paid out for inspecting the property and boarding

BM Adjustments

BN Rental Income

BO Rental Expense
Expenses incurred in the management and in the maintenance of rental properties

BP Average Net Collected Balance

BQ Bail

BR Adjusted Insured Loss Amount

BS Mortgage Note Interest

BT Bank Reject Total

BU Overhead Costs

BV Uncollected Interest

BW Amount Due from Buyer at Closing

BX Amount Owed to Buyer at Closing

BY Additional Closing Expenses
Any additional cost incurred at closing in the disposal of real estate property

BZ Deficiency Judgment Expenses
The expenses incurred by a mortgagee in seeking a judgment from the court against a mortgagor to attach the mortgagor's assets for repayment on the defaulted mortgage

C0 Current Expenditures

C1 Co-Payment Amount
Partial payment of medical services' expenses required in group health insurance, in addition to the membership fee; for example, for each visit to a physician a member may be required to pay $5, regardless of the expense of the services rendered; or for each prescription for drugs and medicines, the member may have to pay a flat fee of $2 regardless of the actual cost

C2 Child Rider Coverage

C3 Prior Payment - Estimated
Approximate amount paid at an earlier time

C4 Prior Payment - Actual
Amount paid in reality at an earlier time

C5 Claim Amount Due - Estimated
Approximate value rightfully belonging to the individual

C6 Claim Amount Due - Actual
Amount to be distributed for medical care

C7 Payer Responsibility - Estimated

C8 Payer Responsibility - Actual

C9 Disallowed Cost Containment - Actual
Amount disallowed by the payer due to the failure of either the provider or insured to meet the cost containment provisions of the insurance contract, managed care contract or preferred provider organization contract under which payment has been requested for this claim

CA Contractor Cumulative to Date

CB Collected Balance Required

CC Chargeback Claim Amount

CD Overpaid Section 235 Subsidy
The excess amount of assistance payment paid pursuant to Section 235 of the National Housing Act

CE Summary Amount
The total and condensed amount

CF Appraisal Fees

CG Commission Fees Deducted

CH Change Amount

CI Funds Held for Insured
Funds to which the loan servicer has retained the right of possession as security for a loan

CJ Other Deductions
Funds deductible according to mortgage insurer's guidelines for which no specific categories exist

CK Back End Load

CL Outstanding Balance Current Lender

CM Claimant Requested Total
The total monies requested for a claim

CN Special Assessments
Any additional assessment, other than property taxes, on a property by the local tax jurisdiction for which a lien is or could be attached

CO Taxes on Deed
Taxes imposed on a deed by which a property was acquired by the lender and transferred to the mortgage insurer

CP Statutory Disbursements
Expenses required by state or local statutes, including court cost, filing fees, publication cost, etc.

CQ Net Claim Amount
Total disbursements plus interest minus deductions from the claim

CR Contractor at Complete

CS Commission Sales
Those sales used to calculate commission payments

CT Contract
Indicates the value stated in the contract

CU Subcontractor Cumulative to Date

CV Subcontractor at Complete

CW Earned Value

CX Actual

CY Cumulative Budget

CZ Cumulative Earned Value

D0 Administration and Management Costs

D1 Deferred Compensation Commissions
An income amount comprised of deferred commissions and or bonuses

D2 Deductible Amount
The amount of covered expenses that must be incurred by the insured before benefits become payable to the insurer

D3 Deferred Compensation Commissions and Bonuses
An income amount comprised of deferred commissions and or bonuses

D4 Deferred Compensation

D5 Dependent Care Contribution

D6 Disallowed Cost Containment - Estimated
Approximate amount disallowed by the payer due to the failure of either the provider or insured to meet the cost containment provisions of the insurance contract, managed care contract or preferred provider organization contract under which payment has been requested for this claim

D7 Dispensing Fee
A charge to prepare and distribute medicines to those who are to use them

D8 Discount Amount
A reduction from the usual price

D9 Cumulative Actual

DA Original Mortgage
The original loan obligation amount on a mortgage note before any mortgage payment is made

DB Unapplied Section 235 Funds
The amount of the earned Section 235 assistance payments pursuant to Section 235 of the National Housing Act that have not been applied

DC Unapplied Buydown Fund
The amount of buydown fund (amount of discount in rate a lender gives to a borrower) that has not been applied

DD Direct Deposit

DE Estimate of Damage
The approximation or assessment of damage sustained by a property

DF Authorized Bid
The balance remaining in the escrow account after all appropriate disbursements have been made on the date of the assignment or conveyance

DG Escrow Balance

DH Total Disbursements
The total of all funds disbursed for hazard insurance premiums, taxes, eviction, and other expenses

DI Charge Off

DJ Liens Amount Original

DK Release of Lien

DL Debit

DM Asset

DN Liability

DO Satisfaction

DP Exemption

DQ Settlement

DR Alimony Expense

DS Alimony Income

DT Child Support Expense

DU Child Support Income

DV Separate Maintenance Expense

DW Separate Maintenance Income

DX Deductible Waived

DY Per Day Limit

DZ Job-related Expense

E0 Administration and Management Indemnity Charge
Social Benefits Expense for Administration and Management Personnel

E1 Employer Year to Date Contribution

E2 Employee Annual Pledge Amount

E3 Employee Current Contribution

E4 Employer Pledge Amount

E5 Employer Current Contribution

E6 Eligible Wage Amount

E7 Employee Year to Date Contribution

E8 Education Contribution

E9 Initial Fee
Beginning charge before any reductions

EA Earnings Allowance

EB Collected Balance (Excess/Deficit)

EC Allowance (Excess/Deficit)

ED Estimated Cost of Attendance

EE Other Expense

EF Estimated Financial Aid

EG Other Income

EH Amount of Mortgages and Liens

EI Mortgage Payment(s)

EJ Insurance, Maintenance, Taxes and Miscellaneous

EK Net Rental Income

EL Present Market Value

EM Gross Rental Income

EN Cancellation Fee

EO Capital Reserves

EP Employer Annual Pledge Amount
The yearly amount that is being pledged by the employer

EQ Condominium Association Fees

ER Homeowner Association Fees

ES Mortgage Insurance Proceeds

ET Net Proceeds from Sale of Real Estate Property

EU Insurance Proceeds (Primary Settlement)

EV Presale Proceeds

EW Pledged Savings

EX As Is Broker's Opinion
Value, in the opinion of the real estate broker, of the real estate property "as is"

EY Subject To Broker's Opinion
Value, in the opinion of the real estate broker, of the real estate property subject to repairs

EZ Uniform Commercial Code Filing Office Fee

F0 Commercial Staff Labor Costs
Labor Costs for Support Staff for Sales and Marketing

F1 Maximum Allowable Cost (MAC) Penalty Copay
Amount paid by individual purchasing drugs when the maximum allowable cost for the drug as determined by the Centers for Medicare & Medicaid has been exceeded

F2 Patient Responsibility - Actual
Calculated value one receiving medical care is obliged to pay

F3 Patient Responsibility - Estimated
Approximate value one receiving medical care is obliged to pay

F4 Postage Claimed
Monetary amount rightfully deserved for mailing

F5 Patient Amount Paid
Monetary amount value already paid by one receiving medical care

F6 Provider Reserves

F7 Sales Tax
Monetary amount that a taxing entity requires be added on to the cost of an item based upon the sales price of the item

F8 Usual and Customary Charge - Estimated
Approximate charge that is commonly assessed for a service rendered

F9 Usual and Customary - Actual
Charge that is commonly assessed for a service rendered

FA Coordination Fee

FB Calculation Fee

FC Expected Family Contribution

FD Direct Deposit Flipped to Check

FE Fee

FF Application Fee

FG Licensing Fee

FH Regulatory Fee

FI First Interest Payment Amount

FJ Waiver Fee

FK Other Unlisted Amount

FL Float

FM Fair Market Value

FN Fine

FO Fees Paid

FP Fees Paid Year to Date

FQ Firm Contractor Share

FR Estimated Government Share

FS Expense

FT Endorsement Premium Amount

FU Commercial Staff Indemnity Charge
Social Benefits Expense for Support Staff for Sales and Marketing

FV Flat Fee Paid to Date

FW Flat Fee Paid Current Month

FX Endorsement

FY First Payment

FZ Earned Income

G0 Initial Adjustment Total

G1 Indicated Value by Sales Comparison Approach

G2 Indicated Value by Income Approach

G3 Price per Unit Area

G4 Reconciliation of Final Value Estimate

G5 Estimated Monthly Market Rent

G6 Adjusted Sales Price

G7 Sales or Financing Concessions

G8 Indicated Value by Cost Approach

G9 As-is Value of Site Improvements

GA Depreciated Value of Improvements
GB Price, High Value
GC Price, Low Value
GD Physical Depreciation
GE Functional Depreciation
GF External Depreciation
GG Adjusted Sales Price of Comparable Sales
GH Predominate Value
GI Average Customer Income
GJ Average Neighborhood Income
GK Average Customer Purchase
GL Weekly Dollar Sales
GM Average Case Sales
GN Buy-down
GO Credit Line
GP Appraisal Repair Amount
GQ Brokers Opinion Repair Amount
GR Credit Line Available
GS Subsequent Adjustments Total
GT Goods and Services Tax
Canadian value-added tax
GU Taxes Paid
GV Gross Value
GW Total Charge
GX Total Credit
GY Total Debit
GZ Total Finance Charge
H0 Host Government (government of the institution) Financing for Education
H1 Legal Reserves
H2 Cancellation
H3 Deposit Inception to Date
H4 Deposit Year to Date
H5 Dump in Remittance
H6 Earnings
H7 Life Insurance Cash Value
H8 Structure Value
H9 Original List Price
HA Coin
HB Currency
HC U.S. Treasury Checks
HD Postal Money Orders
HE City Checks
HF Other Checks

HG Home Government Financing for Education
HH Annual Social Security Wages
HI Annual Social Security Tips
HJ Annual Wages, Tips, and Other Compensation
HK Social Security Employee Tax Withheld
HL Federal Income Tax Withheld
HM Advance Earned Income Credit
HN Commission
HO Vacation Pay
HP Gross Pay Submitted
HQ Intersell Commission Sales
HR Total Payroll Approved
HS Holiday Pay
HT Overtime Pay
HU Regular Pay
HV Sick Pay
HW Special Pay
HX Contract Price
HY Commercial Space Income
HZ Utilities Paid by Owner
I0 Life Insurance Coverage
I1 Investment Income
I2 Income
I3 Price, Gross Living Area
I4 Total Estimated Rent
I5 Gross Annual Income
I6 Custodian's Salary
I7 Engineer's Salary
I8 Elevator Operator's Salary
I9 Indicated Value by Market Approach Estimate of Market Value
IA Adjusted Monthly Rent
IB Investable Balance
IC Accrued Unpaid Interest To Be Capitalized
ID Import Duty Amount
IE Excise Tax Amount
IF Inspection Fee
IG Adjustment for Gross Living Area
IH Predominant Price High
II Irregular Interest Payment Amount
IJ Net Adjusted Monthly Rent
IK Indicated Monthly Market Rent
IL Predominant Price Low
IM Adjustment for Rooms

IN Installment
IO Adjustment for Bedrooms
IP Interest Payable During Repayment Period
IQ Contingent Debt
IR Insurance Recovery
The amount of reimbursement received from a hazard insurance policy on losses sustained
IS Independent Scholarship
IT Incentive Fee
IU Accrued Unpaid Interest Not To Be Capitalized
IV Utilities Allowance
IW Furniture Allowance
IY Debentures
IZ Account High Balance
J0 Limited Partnership Capital
J1 Current Face Amount
J2 Original Face Amount
J3 Fixed Default Note Holder's Amount
J4 Initial Monthly Payment
J5 Original Principal and Interest Payment
J6 Final Principal and Interest Payment
J7 Conversion Fee
J8 Ending Balance
J9 Beginning Balance
JA Assessment
JB Equity Claimed as Exempt
JC Counter Claim
JD Weekly Benefit
JE Lease
JF Administrative Load
JG Asset Cost Applicable to Entire Contract
JH Asset Cost Applicable to Portion of Contract
JI Annual Fee
JJ Cost Basis
Amount rolled from previous policy
JK Disability Premium
JL Employee Additional Contribution
JM Employee Match Contribution
JN Employer Contribution
JO Free Look Value
JP Free Withdrawal Value
JQ Front End Load
JR Guaranteed Minimum Death Benefit
JS Interim Value
Account value including accumulated interest

JT Monthly Rent
JU Judgment
JV Loan Value
JW Market Value
JX Market Value Adjusted Value
JY Market Value Adjustment
JZ Net Contract Value
K0 Discounted Bills not Due
K1 Unpaid Security Balance
K2 Total Unpaid Security Balance
K3 Veterans Affairs Funding Fee
The fee a home buyer pays to the Department of Veterans Affairs (VA) to secure a VA-guaranteed mortgage loan from a VA-approved lender
K4 Initial Target Fee
K5 Minimum Fee
K6 Maximum Fee
K7 Price
K8 Special Accounting Classification Reference Number (ACRN) Amount
K9 New Price
KA Estimated Contract
The estimated total amount of a contract
KB Estimated Net Adjustment
The estimated net adjustment to be made to a previously transmitted amount
KC Obligated
An amount a party has an obligation to pay upon a successful performance by another party, (e.g., funds obligated on a contract)
KD Undefinitized
An indicator that the amount has not yet been established but will be established at a future date
KE Annual Revenue
The sum of all incomes generated by a business over a period of one year
KF Net Paid Amount
KG Net Collected Amount
KH Deduction Amount
KI Net Variance Amount
KJ Minimum Contract Amount
KK Item Gross Amount
KL Collected Amount
KM Disbursed Amount
KN Gross Amount of Payment
KO Committed Amount
KP Principal and Interest
KQ Incremental Order Amount
KR Liability-Long Term
KS Taxes and Insurance

KT Default Principal
KU Default Interest
KV Liability-Short Term
KW Default Taxes and Insurance
KX Miscellaneous Fee Collections
KY Not-To-Exceed Price
KZ Mortgagor's Monthly Obligations
L0 Liquid Assets
L1 Legal Contribution
L2 Leasehold Insurance Amount
L3 Total Unidentified Payments Rejected
L4 Total Credits Received
L5 Total Debits Received
L6 Total Pre-advices Received
L7 Total Prenotes Received
L8 Total Post-advices Received
L9 Total Debit for Settlement
LA Definitized
The portion of an estimated amount that has been negotiated and is now a firm amount
LB Definitized Total
The Total Amount which was previously an estimate that has been negotiated and is now a firm total
LC Lessor's Cost
LD Incremental
The portion of a total amount that is provided in increments
LE Loan Eligibility Amount
LF Loan Remittance or Repayment
LG Laundry Income
LH Baseline
LI Line Item Unit Price
LJ Legal and Audit
LK Loan Amount Requested
LL Lump Sum
LM Limit
LN Lien Payoff
The amount of a lien which must be paid in order to obtain clear title to a property, including Internal Revenue Service's lien, superior liens and Mechanics liens
LO Money Purchase
LP List Price
LQ Maximum Potential Liability
LR Total Credit for Settlement
LS Net Settlement
LT Total Award
LU Option Amount

LV Planned Periodic Payment

LW Tax and Insurance Escrow Fund Balance
Balance of taxes and insurance funds in escrow or impound account at prescribed cutoff date

LX Loan Expense

LY Total Remaining Principal Balance for the Issuer
The total principal balance of all the issuer's mortgage loans remaining unpaid

LZ Delinquent Payment

M0 Loans from Officers

M1 Maximum Out of Pocket Amount

M2 Medical Contribution

M3 Tax rate expressed as a flat fee

M4 Minimum amount of tax to be paid

M5 Minimum amount to which tax rate is applied

M6 Maximum amount of tax to be paid

M7 Maximum amount to which tax rate is applied

M8 Markup Amount

M9 Net of Surrender Withdrawal

MA Maximum Amount

MB Undistributed Budget
Budget applicable to contract effort, but not yet assigned to a specific taskor activity

MC Cost of Money
The costs associated with investing capital in the facilities used on government contracts

MD Minimum Due

ME Minimum Default Note Holder's Cost

MF Administrative Fees

MG Maximum Late Charge

MH Minimum Late Charge

MI Minimum Incentive Fee

MJ Maximum Default Note Holder's Cost

MK Gross to Pay

ML Prior Net Invoice Total

MM Payout

MN Monthly Limit

MO Minimum Order Value
Minimum value of order allowed

MP Monthly Payment Amount

MQ Post Tax Equity and Fiscal Responsibility Act (TEFRA) Cost Basis

MR Management Reserve
An amount of the total allocated budget withheld for management control purposes

MS Past-Due Taxes and Assessment Remaining Unpaid

MT Pre Tax Equity and Fiscal Responsibility Act (TEFRA) Cost Basis

MU Premium Tax Paid on Surrender

MV Premium Tax Paid up Front

MW Sales Loads

MX Maximum Incentive Fee
MY Surrender Value
MZ Valuation Price
N0 Loans or Financial Borrowings
N1 Net Worth
N2 Individual Income Taxes and Other
N3 Corporate Income and Excess Profits Tax
N4 Excise Taxes
N5 Estate and Gift Taxes
N6 Carrier Tax Act Taxes
N7 Federal Unemployment Tax Act Taxes
N8 Miscellaneous Taxes
N9 Withheld and Federal Insurance Contribution Act (FICA) Taxes
NA Net Adjustment
NB Net Compensation Position
NC Negative Collected Balance
ND Per Person Monthly Limit
NE Net Billed
Amount billed, less allowable payments from other sources
NF Monthly Net Fee Position (Excess/Deficit)
NG Medicare Copayment
Medicare determined Copayment
NH Medicare Deductible
Medicare determined deductible
NI Medicare Paid
Medicare determined payment
NJ Other Insurance Paid Amount
Actual amount paid by a Non-Medicare third party
NK Total in Force and Applied Coverage
NL Negative Ledger Balance
NM Non-collateralized Amount
NN Transaction Fee
NO Non Commission Sales
Those sales not included for commission payment calculation
NP Net to Pay Total
NQ Adjusted Nonrecurring
NR Nonrecurring
NS Net Savings Amount
Amount of dollar saving resulting from the use of service, such as Optional Calling Plans
NT Unit Value
NU Reinsurance Amount
NV Renewal Amount
NW Retention Per Life
NX Retention Per Policy
NY Net Year to Date (Excess/Deficit)

NZ Equalization Account
Reserve set up for balancing of accounts
O0 Extraordinary Income
O1 Amount of First Mortgage Being Refinanced
O2 Other Family Financing for Education
O3 Intangible Assets Written Off
O4 Interest Payable
O5 Interest Receivable
O6 Joint Venture Results
Financial result from a joint venture enterprise
O7 Long Term Debt
O8 Long Term Provisions
O9 Loss
OA Principal Balance Amount
OB Outstanding Loan Balance
OC Opening Bank Charges
OD Draft Amount
OE Miscellaneous Charges
OF Contractor's Offer
OG Cable Charge
OH Handling Charges
OI Non-commission Charges
OJ Merchandise
OK Letter of Credit Amount
Total of Letter of Credit
OL Outstanding Balance Other Lender
OM Other Monthly Income
ON Negotiating Bank Charges
OO Overdrafts
OP Original Payment Total
OQ Payroll Costs
OR Letter of Credit Remaining Amount
OS Other Salaries
OT Commission Amendment Charges
OU Profit
OV Profit and Loss Deficit
OW Profit after Extraordinary Items and before Tax
OX Profit after Tax and Before Extraordinary Items
OY Payment Commission
OZ Profit Distributed to Employees
P0 Parental Financing for Education
P1 Partner's Calendar Year Salary
P2 Prior Plan Year Gross Salary

P3 Premium Amount
The periodic payment required to keep a policy in force
P4 Prior Year's Wage
P5 Partner's Tax Year Salary
P6 Premium Due
P7 Partner's K1 Tax Year Amount
P8 Partner's K1 Calendar Year Amount
P9 Current Mortgage Principal Balance
PA Payment Cancellation Total
PB Billed Amount
Total amount due on the period bill
PC Positive Collected Balance
PD Credit
PE Plan Period Election
The amount of money the employee has pledged to contribute to a flexible spending account for a specified period of time
PF Principal
PG Payoff
PH Per Occurrence Deductible
PI Per Occurrence Monthly Limit
PJ Past Due
PK Photograph Fee
PL Positive Ledger Balance
PM Last Premium Amount
PN Prior Gross Invoice Total
PO Percent Override
The percentage used to calculate the additional commission payment for a Beauty Advisor; this is normally used for a Counter Manager
PP Payment Prior to Advance
PQ Advance Amount
PR Per Occurrence Limit
PS Per Occurrence per Day Limit
PT Per Occurrence Aggregate Limit
PU Unsecured Priority Claim
PV Prepetition Charges
PW Per Occurrence Maximum per Week Limit
PX Per Person Maximum per Week Limit
PY Per Person per Day Limit
PZ Original Principal Balance
Q0 Loans to Affiliated Companies
Q1 Proposed
Q2 1035 Exchange
Q3 401K Transfer
Q4 Total Prenotes Accepted

Q5 Total Prenotes Rejected
Q6 Automatic Premium Deduction
Q7 Total Post-advices Accepted
Q8 Total Post-advices Rejected
Q9 Cash With Application
QA Combined
QB Credit Card
QC Deposit Fund
QD Direct Billing
QE Disc Premium
QF Electronic Funds Transfer (EFT)
QG Government Allotment
QH Initial Premium
QI Individual Retirement Account 60 Day Rollover
QJ Individual Retirement Account Direct Transfer
QK Individual Retirement Account Regular Contribution
QL Keogh/HR 10
QM Keogh/HR 10 Transfer
QN Quarterly Net Fee Position (Excess/Deficit)
QO List Billing
QP Modal Premium
QQ Payroll Taxes
QR Parking Income
QS Non-Qualified (1035 Exchange)
QT PAC - Pre-Authorized Check
QU Payroll Deduction
QV Pension
QW Premium Received With Application
QX Profit Sharing Trust
QY Qualified
QZ Payment Amount
R0 Loans to Participants
R1 Fixed, Liquidated Secured Debt
R2 Contingent Secured Debt
R3 Disputed Secured Debt
R4 Unliquidated Secured Debt
R5 Fixed, Liquidated Unsecured Debt
R6 Contingent Unsecured Debt
R7 Disputed Unsecured Debt
R8 Unliquidated Unsecured Debt
R9 At Time of Filing
RA Accelerated Royalty
RB Per Person Deductible

RC Refund Check
RD Per Person Limit
RE Royalty Due
RF Restitution
RG Budgeted Redemption
RH Per Person Aggregate Limit
RI Residual Value
RJ Rate Amount
RK Provision for Long Term Depreciation
Provision for Depreciation of Assets over one year
RL Regular Remittance
RM Remittance Refund
RN Resident Manager's Salary
RO Provisions
RP Repair
RQ Recommended Amount
RR Reserve Requirement Amount
Funds required to be put aside and excluded from earnings on balances; nominally 12%; expressed in dollars
RS Reserves
RT Last Payment
RU Total Debits Rejected
RV Total Payments Rejected
RW Total Delinquency
RX Total Pre-advices Accepted
RY Total Pre-advices Rejected
RZ Lender's Total Delinquency
The total amount of delinquent payments due on the mortgage loans held by a lender
S0 Self-Financing for Education
S1 Salary Amount
S2 Salary with Bonuses
S3 Salary with Commissions
S4 Salary with Subchapter S Corporation Income
S5 Salary with Partner's Bonuses
S6 Subchapter S Corporation
S7 Sole Proprietorship
S8 Period Rental
S9 Secured Claim Allowed
SA Campaign Summary Amount
SB Stated Amount
SC Total Service Charge
SD Sales Charge
SE Service Charges Which Cannot Be Compensated by Balances
Specifically excluded from compensating balance arrangements and must be paid by other

means such as fee remittance or direct debt

SF Scholarship from Admitting Educational Institution
SG Sponsor-Financing for Education
SH Surrender Charge
SI Subsequent Interest Payment Amount
SJ Surrender Full
SK Surrender Partial
SL Security Personnel's Salary
SM Supplemental
SN Sales Administration Expense
SO Special Creditors Amount
SP Sales Price
SQ Special Debtors Amount
SR Secured Claim
SS Campaign Summary Amount to be Shared
ST State
SU Surcharge
SV Fixed Monthly Principal Payment
SW Base Award Fee
SX Severance Tax
SY Initial Buydown Balance
SZ Certification Fee
T0 Third-Party Government-Financing for Education
T1 Teacher
T2 Total Claim Before Taxes
The total monies requested for a single claim before any taxes were included
T3 Total Submitted Charges
T4 Total Current Balance
T5 Total Claims
T6 Claim
T7 Total Credits Accepted
T8 Total Credits Rejected
T9 Total Debits Accepted
TA Total Annual Sales
TB Total Annual Sales to Customer
TC Proposed Cost
The cumulative total of all the costs proposed
TD Proposed Profit
The amount of profit proposed for the successful performance of a proposed contract action
TE Proposed Fee
The amount of fee proposed for the successful performance of a proposed contract action
TF Total Proposed Price
The total of the total proposed cost, cost of money, and either total proposed profit or total proposed fee being proposed for successful performance

TG Alternate Proposed Price
An amount not supported by the aggregation of mathematical calculations contained in the proposal that will be accepted by the proposer for the successful performance of a proposed contract action

TH Total Claim Allowed

TI Title Insurance Amount on Loan

TJ Time and Expense Paid to Date

TK Total Amount of Contract

TL Total Prior Loan Amount Owed

TM Time and Expense Paid Current Month

TO Telephone Operator's Salary

TP Total payment amount

TQ Subsidies for Operating Costs

TR Target Cost

TS Total Sales
The total of commission and non commission sales needed to calculate intersell amount

TT Total Transaction Amount

TU Transportation Cost per Unit of Measure

TV Level of Premium Insurance - Retention

TW Technicians Indemnity Provision
Social Benefits Expense for Technicians

TX Total to Date

TY Total at Complete

TZ Transportation Cost Total

U0 U.S. Government-Financing for Education

U1 Unsecured, Priority Claim Allowed

U2 Ingredient Cost Claimed
Charge for a component of a mixture

U3 Miscellaneous Expenses

U4 Present Value of Lot

U5 Cost of Improvements

U6 Alterations, Improvements, Repairs

U7 Land

U8 Refinance

U9 Estimated Prepaid Items

UA Unliquidated Amount
Amount of money remaining unliquidated on a contract at time of administrative closeout of that contract

UB Unpaid Principal Balance

UC Unspecified Aggregate Limit

UD Unsecured, Nonpriority Claim Allowed

UE Mortgage Insurance

UF Discount (If Borrower Paid)

UG Total Unpaid Principal Balance for Stafford Loans

UH Subordinate Financing

UI Total Costs
UJ Other Credits
UK Base Loan Amount (w/o financed Mortgage Insurance)
UL Mortgage Insurance Financed
UM Total Loan Amount
UN Unsecured, Nonpriority Claim
UO Cash from or to Borrower
UP Total Unpaid Principal Balance for Parental Loans for Students
UQ Monthly Income
UR Unearned Income
US Total Unpaid Principal Balance for Supplemental Loans for Students
UT Value Added Sales
Sales subject to Value Added Tax
UU Clearing House Settlement
UV Drawback
The amount of duty paid on material that has been imported then exported
UW Total Monthly Liabilities
UX Utilities, Furniture, and Amenities Included in Rent
UY Total Assets
UZ Total Liquid Assets
V0 Value Added
The amount of material or labor added to a product during a transformation process
V1 Tax and Insurance Escrow Fund
V2 Interest Due to Investor
V3 Total Principal Due to the Investor
V4 Total Interest Due to the Investor
V5 Total Curtailment Due to the Investor
V6 Total Principal Payoff and Repurchase Due to the Investor
V7 Total Interest Payoff and Repurchase Due to the Investor
V8 Actual Outstanding Principal Balance
V9 Face Amount
VA Total Current Rent or Mortgage Payment (Issue)
VB Total Non-liquid Assets
VC Authorized
VD Actual Person Day Rate
VE Estimated Person Day Rate
VF Total Monthly Expenses
VG Current Monthly Principal and Interest
VH Levy Amount
VI Current Support
VJ Past Due Support
VK Medical Support
VL Net Negative Amortization Amount
VM Withhold From Wages

VN Commission Basis
VO Commission Earned
VP Current Monthly Payment
VQ Commission Netted
VR Total Monthly Debt
VS Other Financing Payment
VT Current Value
VU Closing Cost
VV Capitalized Mortgage Amount
VW First Mortgage Monthly Principal and Interest
VX Interest Amount Paid to Date
VY Minimum Transfer
VZ Maximum Transfer
W0 Trade Debtors
W1 W-2
W2 W-2 with Bonuses
W3 W-2 with Deferred Compensation
W4 W-2 without Bonuses
W5 Deposit Sub Total
W6 Direct Rollover
W7 Direct Transfer
W8 Discounted
W9 Secondary Finance
WA Minimum Deposit
WB Sub-Agency Compensation
WC Buyers Agency Compensation
WD Variable Rate Compensation
WE Compensation Bonus on Sale of Property
WF Veterans Affairs Loan Guarantee
WG Security Trade Amount
WH Balance Owing All Other Liens, Subject Property
WI Other Financing
WJ Dual Agency Compensation
WK Per Week Limit
WL Lender's Opinion of Value
WM Total Original Principal Balance
WN Other Agent Compensation
WO Dock Usage Fee
WP Pool Usage Fee
WQ Clubhouse Fee
WR Optional Service Fee
WS Other Association Fees
WT Principal, Interest, Taxes

WU Principal, Interest, Taxes and Insurance
WV Total Points Paid at Closing
WW Amount that Would Have Been Paid in the Absence of Capitation
WX Points Paid by Seller
WY Loan Withdrawal
WZ Severance Pay
X0 Treble Damages
X1 Transfer to Untaxed Reserves
X2 Reissued
X3 Rollover Amount
X4 Annual Rental
X5 Gross Monthly Rent
X6 SEP - Self Employee Pension
X8 Funding Amount
X9 Tax Sheltered Annuity (403B Transfer)
XA Maximum Award Fee
XB Maturity Value
XC Earned Wages
XD Base Period Wage
XE Withdrawal
XF Withdrawal Inception to Date
XG Withdrawal Less Market Value Adjustment
XH Withdrawal Less Surrender
XI Withdrawal Less Taxes
XJ Withdrawal Year to Date
XK Unavailable Reserves
XL Uncalled Capital
XM Unemployment Contribution
XN Unlimited Capital, Minimum Fixed
XO Unpaid Capital
XP Unsecured Liabilities
XQ Value Added Tax
XR Value of Shares
XS Vehicles
XT Voluntary Reserves
XU Wages
XV Withholding
XW Original Value
XX Working Capital
XY Sales Price Per Dwelling Unit
XZ Sales Price Per Room
Y0 Self Insurance Amount
Y1 Year to Date Eligible Salary

Y2 Total Real Estate Owned
Y3 Total Liabilities
Y4 Total Liability Monthly Payments
Y5 Total Real Estate Owned Market Value
Y6 Total Real Estate Owned Gross Rental Income
Y7 Total Real Estate Owned Mortgages and Liens
Y8 Total Real Estate Owned Mortgage Payments
Y9 Total Real Estate Owned Miscellaneous Expenses
YA Total Real Estate Owned Net Rental Income
YB Actual Unpaid Principal Balance
YC Scheduled Unpaid Principal Balance
YD Principal Due to Investor
YE Constant Principal and Interest
YF Other Fee Collection
YG Beginning Scheduled Unpaid Principal Balance
YH Tax and Insurance Principal Balance
YI New Principal and Interest
YJ Curtailment
YK Prepayment Penalty
YL Partial Annuitization
YM Partial Withdrawal
YN Post Tax Equity and Fiscal Responsibility Act (TEFRA) Gain
YO Pre Tax Equity and Fiscal Responsibility Act (TEFRA) Gain
YP Policy Amount
YQ Payments in Advance
YR Payments in Arrears
YS Cancelled
YT Denied
YU In Process
YV Requested
YW Paid
YX Paid for This Facility
YY Returned
YZ Total Aggregate Limit
Z0 Insertion Cost
Z1 Repackaging Labor Cost
Z2 Repackaging Material Cost
Z3 Unit Cost of Discrepant Material
Z4 Liquidation Principal
Z5 Remaining Pool Balance
Z6 Remaining Security Balance
Z7 Program Cost
Z8 Override to Handling Fee

Z9 Production Cost
ZA Federal Medicare or Medicaid Claim Mandate - Category 1
ZB Federal Medicare or Medicaid Claim Mandate - Category 2
ZC Federal Medicare or Medicaid Claim Mandate - Category 3
ZD Federal Medicare or Medicaid Claim Mandate - Category 4
ZE Federal Medicare or Medicaid Claim Mandate - Category 5
ZF Federal Pension Mandate - Category 1
ZG Federal Pension Mandate - Category 2
ZH Federal Pension Mandate - Category 3
ZI Federal Pension Mandate - Category 4
ZJ Federal Pension Mandate - Category 5
ZK Federal Medicare or Medicaid Payment Mandate - Category 1
ZL Federal Medicare or Medicaid Payment Mandate - Category 2
ZM Federal Medicare or Medicaid Payment Mandate - Category 3
ZN Federal Medicare or Medicaid Payment Mandate - Category 4
ZO Federal Medicare or Medicaid Payment Mandate - Category 5
ZP Coupon Face Value
ZQ Initial Target Cost
ZR Increase
ZS Decrease
ZT Prorated Amount
ZU Loan Charge
ZV Mortgage Recording Fee
ZW Deed Recording Fee
ZX Release Recording Fee
ZY Assumption
ZZ Mutually Defined
AA1 Excess Funds
AA2 Cumulative Total
AA3 Reimbursable Amount
AA4 Total Reimbursable Amount
AA5 Direct Citation Amount
AA6 Total Direct Citation Funds
AA7 Chargeable Amount
AAA Temporary Term Coverage
AAB Conditional Receipt Coverage
AAC Binding Interim Coverage
AAD Application Amount
AAE Approved Amount
AAF Ultimate Face Amount
AAG Requested Amount from All Reinsurers
AAH Replacement Amount
AAI Scheduled Contribution

AAJ Scheduled Disbursement
AAK Short Term Investment
AAL Subsequent Contribution
AAM Subsequent Distribution
AAN Tax-Federal
AAO Tax-Local
AAP Tax-State
AAQ Trust Fund
AAR Capital Leases
AAS Surplus
AAT Restated Assets
Value of Assets after revaluation
AAU Owing to Clients
AAV Shareholder Loans
AAW Accumulated Deficit
AAX Loan from Parent Company
AAY Contribution Not Subject to Repayment
AAZ Income Before Depreciation
ABA Income After Depreciation
ABB Profit (Loss) Before Financial Items
ABC Interest Expenses
ABD Profit (Loss) Before Extraordinary Items
ABE Profit (Loss) After Financial Items
ABF Income Before Allocations
ABG Income from Sale of Fixed Assets
ABH Contribution to Group
Amount provided to group of businesses to which company belongs
ABI Deferred Tax Assets
ABJ Blocked Accounts
ABK Non-taxed Reserves
ABL Pledged Assets
ABM Restricted Equity
ABN Non-restricted Equity
ABO Depreciable Assets
ABP Taxable Assets
ABQ Income from Business
ABR Income Subject to Taxes
ABS Taxable Amount of Real Estate
ABT Ending Principal Balance
ABU Average Daily Principal Balance
ABV Interest Amount
ABW Adjustments for Difference in Average Daily Principal Balance
ABX Beginning Principal Balance
ABY Loan Principal Disbursements

ABZ Principal Increases
ACA Principal of Loans Purchased
ACB Principal Cured
ACC Principal Sold
ACD Principal Insurance Claims
ACE Principal Guarantee Voided
ACF Principal Paid by Borrowers
ACG Loans in School and Grace
ACH Loans in Authorized Deferment
ACI Loans Repay or Forebearance - Current or Less than 31 Days
ACJ Loans Repay or Forebearance - 31 to 60 Days Past Due
ACK Loans Repay or Forebearance - 61 to 90 Days Past Due
ACL Loans Repay or Forebearance - 91 to 120 Days Past Due
ACM Loans Repay or Forebearance - 121 to 180 Days Past Due
ACN Loans Repay or Forebearance - 181 to 270 Days Past Due
ACO Loans Repay or Forebearance - 271 or More Days Past Due
ACP Loans Repay or Forebearance - Claims Filed, Not Yet Paid
ACQ Agent Sales
ACR Amount Involved
ACS Assigned Capital
ACT Credit Line Utilized
ACU Direct Sales
ACV Earnings per Share
ACW Inheritance
ACX Invested Capital
ACY Loan from Family Members
ACZ Non Depreciable Assets
ADA Partially Paid Amount per Share
ADB Pending Orders
ADC Personal Loan
ADD Plant and Machinery
ADE Pre-Tax Loss
ADF Pre-Tax Profit
ADG Registered Capital
ADH Revaluation Reserves
ADI Social Capital
ADJ Statutory Profit
ADK Training Pay
ADL Retroactive Pay
ADM Expected Reimbursement Amount
ADN Permit Cost
ADO Minimum
ADP Additional Amount to Meet Minimum

ADQ Labor Per Hour
ADR Non-recoverable Depreciation
ADS Recoverable Depreciation
ADT Overhead
ADU Indemnity Benefit
ADW Replacement Cost of Repairs
ADX Actual Cash Value of Repairs
ADY Recoverable Depreciation of Repairs
ADZ Non-recoverable Depreciation of Repairs
AEA Non-indemnity Benefit
AEB Actual Cash Value of Building
AEC Government Share
AED Contractor Share
AEE Award Fee
AEF Base Fee
AEG Target Profit Floor
AEH Target Profit Ceiling
AEI Labor Per Day
AEJ Difference in Interest Due
AEK Difference in Prepayment Penalty
AEL Difference in Principal Due
AEM Appropriation of Retained Earnings Less Reversals
AEN Appropriations
AEO Billings and Costs-Profit Differential
AEP Common Stock Par Value
AEQ Cost of Services Rendered
AER Creditors
AES Declared Profit
AET Discounted Notes
AEU Endorsed Notes
AEV General Reserves
AEW Import Volume
AEX Income Tax Credit
AEY Long-Term Deposits
AEZ Long-Term Loans
AFA Minority Interest
AFB Non-Operating Expense
AFC Non-Operating Income
AFD Operating Profit or Loss
AFE Preferred Stock Par Value
AFF Profit After Tax and Minority Interest
AFG Retained Earnings to be Appropriated
AFH Revaluation Surplus or Deficit

AFI Reversal of Voluntary Earned Surplus
AFJ Share Price
AFK Short-Term Deposits
AFL Short-Term Loans
AFM Tax Provisions
AFN Unallocated Profit
Profit not allocated to a specific account
AFO Voluntary Earned Surplus
AFP Calculated Weekly Compensation Amount
AFQ Benefit Type Gross Weekly Amount
AFR Benefit Type Net Weekly Amount
AFS Employee Gross Wage
AFT Garage Gross Wages
AFU Officer Compensation - Actual Flat
AFV Officer Compensation - Statutory Maximum
AFW Officer Compensation - Statutory Minimum
AFY Previous Balance
AFZ Disputed Amount
AGA Non-Operating Income or Expense
AGB Operating Income or Expense
AGC Income or Expense
AGD Purchase Authority
AGE Capital Decrease
AGF Capital Increase
AGG Deed Capital
The authorized amount each partner has as described in a partnership agreement
AGH Transferred Amount
AGI Unadjusted Sales Price
AGJ Sales Concessions
AGK Property Value
AGM Partial Release Amount
AGN Lien Filing Fee
AGO Additional Repair Price
AGP Qualified Tuition and Related Expenses
AGQ Qualified Financial Assistance
AGR Aggregate Reimbursements or Refunds
AGS New Loan Balance
AGT Raw Material Purchases
AGU Work in Progress Purchases
AGV Operating Cash Flow
AGW Payments for Outside Work
AGX Set Aside for Provisions
AGY Financial Income or Expense
AGZ Extraordinary Income or Expense

AHA Unfinished Production Carried Forward
AHB Installation Materials Cost
AHC New Mortgage Amount
AHD Capitalized Assets
AHE Profit Reserves
AHF Share in Profit or Loss in Other Companies
AHG Monetary Correction
Adjustment due to hyper inflation
AHI Scheduled Repayment Amount
AHJ Amounts Placed with Other Banks
AHK Due from Parent Company
AHL Owing from Subsidiary Companies
AHM Certificates of Deposit Amount
AHN Publicly Traded Shares Amount
AHO Non Publicly Traded Shares Amount
AHP Trading Securities Amount
Securities held for trading not investment
AHQ Investment Securities Amount
Securities held for investment not trading
AHR Earnings Per Share Minus Dividends
AHS Active Partner Capital
AJC Adjusted Claim
ANC Accrued Income
APT Amount of Purchase Exempt From Tax or Fee
AQL Acquisition Cost of Lenses
ASP Annual Sales or Premiums
ATF Amount of Tax or Fee Exemption
AVA Average Acquisition Cost
The average acquisition cost per unit of material.
AVE Average
BAA Net Taxable Income
BAB Original Amount of Instrument
BAC Addition to Tax
BAD Reinstatement Fee
BAE Permit Fee Due
BAF Permit Fee with Extension
BAG Net Annual Permit Fee Due
BAH Permit Fee Penalty Due
BAI Permit Fee Interest Due
BAJ Total Permit Fee Due
BAK Franchise Tax
BAL Unclaimed Franchise Tax Credit
BAM Net Franchise Tax Due
BAN Franchise Tax Penalty Due

BAO Total Franchise Tax Due
BAP Total Amount Due
BAQ Overpayment
BAR Amount to be Refunded
BAS Gross In-State Receipts
BAT Gross Receipts
BAU Occupation Fee
BAV Total Assessed Value
BAW Total Value of All Property
BAX Value of In-State Property
BAY Total Value of Out-of-State Property
BAZ Total Par Value
BBA Total Assessable Capital Stock
BBB Apportioned Value
BBC Estimated In-State Real Property Value
BBD Par Value of In-State Assets
BBE In-State Business Revenue
BBF Subscription Price
BBG Value of Authorized Shares
BBH Ordinance Amount
BBI Capital for a Cooperative
BBJ Directors Legal Obligation Debt
BBK Silent Partner Capital
BLD Bridge Loan Not Deposited
BOA Borrower Advance
BOR Borrowed Amount
BTR Betterment
BXP Bills of Exchange Payable
CAM Contents Amount
CDA Contents Deductible Amount
CDC Clean-up Costs Associated with Deficiency
CJL Collections, Judgments, and Liens
CMC Compression Charge
CMR Commodity Refund
COA Corporate Assets
CPO Closing Costs Paid by Any Other Party Other Than Seller or Buyer
CPS Closing Costs Paid by Seller
CRC Container Replacement Cost
CRL Container Replacement Labor Cost
CRM Container Replacement Material Cost
D4D Dollar For Dollar Deductions
DEF Deferral
Postponement of payment until a later date.

DEI Delayed Interest
DFA Deferred Assets
DLQ Delinquent Taxes
DPF Discount Points Financed
DPN Discount Points Not Financed
DPP Defaulted Tax Plan Payment
DVP Development Properties
EAA Administrative Expenses
EAB Air Travel Expenses
EAC Amount Forgiven
EAD Amount Guaranteed
EAE Amount Over Fair Market Value
EAF Amount Owed
EAG Amount Payable
EAH Amount Raised
EAI Amount Received
EAJ Amount Refunded
EAK Amount Rescinded
EAL Anonymous Contribution
EAM Balance Owed
EAN Bank Charges
EAO Bank Loan
EAP Brochure Expenses
EAQ Bus Travel Expenses
EAR Consultant Expenses
EAS Corrected Amount
EAT Disability Expenses
EAU Disposed Amount
EAV Draw Amount
EAW Election Expenses
EAX Endorsement Amount
EAY Entertainment Expenses
EAZ Excess Expenses
EBA Expected Expenditure Amount
EBB Expenditure Amount
EBC Family Care Expenses
EBD Federal Share Amount
EBE Filing Fee
EBG In-Kind Contribution
EBH Incurred Amount
EBI Loan Amount Plus Interest
EBJ Loan Balance
EBK Matching Contribution

EBL Meeting Expenses
EBM Miscellaneous Income
EBN Miscellaneous Receipts
EBO New Loan Amount
EBP New Unpaid Expenditure
EBQ Newsletter Expenses
EBR Newspaper Advertising Expenses
EBS Nomination Expenses
EBT Non-Federal Share
EBU Office Expenses
EBV Office Rental
EBW Original Asset Value
EBX Original Loan Amount
EBY Party Expenses
EBZ Payment
ECA Personal Expenses
ECB Personal Funds
ECC Pledged Amount
ECD Postage Expenses
ECE Printing Expenses
ECF Public Funds
ECG Radio Advertising Expenses
ECH Reimbursed Amount
ECI Reported Amount
ECJ Retainer
ECK Sign Expenses
ECL Sub-Contract Value
ECM Tax Receipts
ECN Taxi Travel Expenses
ECO Telecommunication Expenses
ECP Television Advertising Expenses
ECQ Unpaid Expenditure
ECR Utilities Expenses
ECS Total
ECT Subtotal
ECU Grand Total
ECV Incidental Expenses
ECW Transportation Expenses
ECX Gift Value
ECY Food and Refreshments
ECZ Polling Expenses
ED4 Tuition and Required Fees
EDB Books and Supplies

EIP Maintenance Expense on Income Producing Property
ELT Electroconvulsive Therapy (ECT) Adjustment
ENP Maintenance Expense on Non-Income Producing Property
ENT Entitlement Amount
ERN Earnest Money
ETD Ever To Date (ETD) Claim Loss
EXC Exploration Costs
FAR Federal Housing Administration (FHA) Appraiser Required Repairs and Improvements
FBA Final Balance
FLA First Lien Advance
FOA Foreign Assets
FRB Facilities Refund
FTR Fuel Tracker Refund
FTX Facility tax amount
GAR Garnishments
GAT Annual Tax
GCB Corrected Tax Bill
GCL Gross Claim
GFD Gifts Not Deposited
GFT Gift Amount
GRC Gross Contribution
GRD Grants Not Deposited
GRR Gross Restoration
GRT Grant Amount
GSP Good Standing Tax Plan Payment
GTS Total Supplemental Tax Due
GUI Tax Installment Due
GUP Tax Installment Paid
GUS Total Supplemental Tax Paid
HAA Endorsement Deductible Amount
HDA Home Equity Line of Credit Draw Amount
HEM Hemophilia Adjustment
HOA Head Office Account
HZC Hazardous Clean-up Cost
IBL Inter-Bank Loans
ICR Imbalance Charges Refund
IGT Inter-Governmental Transfer (IGT) Payments
INB Installment Balance After the Current Installment is Applied
IPD Interest per Diem
ISS Interest Since Claim Submission
IVP Investment Property
LDR Land Rights
LOW Lower Fund

LPC Total Subject Property Liens Paid by Closing
LPF Lease Purchase Funds
LPY Lease Payments
LSP Total Liabilities to be Paid at Closing Not Including Subject Property Liens
LST Loss on Sale Of Property
MAD Miscellaneous Adjustment
MMA Modified Mortgage Amount
NBF Net Benefit
NBO Net Worth of Business Owned
NCT Net Contribution
NPP No Tax Plan Payment
NRE Net Restoration Expenses
NTA New Technology Adjustment
ODC Odorization Charge
OEQ Office Equipment
OFC Operational Flow Order Charge
OFR Operational Flow Order Refund
OLA Other Liability Amounts
ONR Operational Notice Refund
OUT Inpatient Outlier Adjustment
PAD Policy Advance
PAM Minimum Delivery Purchase Amount
PAN Penalty and Interest
PBG Profit (Loss) Before Grants
PCA Processing Allowance
PCC Prior Contract Cost Basis
PCP Previous Claim Payments
PCS Prior Contract Surrender Charge
PCV Prior Contract Value
PEX Profit (Loss) after Extraordinary Items and Tax
PFC Port Facility Charge
Charge associated with liquefied natural gas port facilities
PGR Proposed Gross Rent for the Subject Property
PPN Pending Net Sale Proceeds from Non-Real Estate Assets
PPR Pending Net Sale Proceeds from Real Estate Assets
PRD Property Damage
PRL Partial Payroll Payment
RDS Reservation/Demand - Storage
Fixed cost associated with the storage of natural gas
RDT Reservation/Demand - Transportation
Fixed cost associated with the transportation of natural gas
RET Deposit Value
To designate the value for returnable containers
RPC Repackaging Cost

SAA System Adjusted Amount

SAG Surplus (Deficit) after Grant

SAL Salvage

SCT State Care Tax

SFD Secured Borrowed Funds Not Deposited

SM1 Insurance Value
The insurance coverage purchased that covers replacement of the goods in case of total or partial loss or damage.

SM2 Declared Value
The value placed upon imported goods by the importer for clearance through the customhouse. Value is used to determine the import duty the recipient must pay. Also known as Customs Value.

SM3 Shipment Value
The value placed upon a shipment by the supplier.

SM4 Pay on Delivery
The monetary amount due when shipment is delivered to the recipient.

SM5 Landed Cost Value
The total cost of a landed shipment including purchase price, freight, insurance and other costs up to the port of destination. In some instances, it may also include the customs duties and other taxes levied on the shipment.

SOF Setoff
Creditor reduced claim against debtor by the amount of the debtor's claim against the creditor

SRD Settlement Refund as approved by the Federal Energy Regulatory Commission

SSC Shares in Subsidiary Companies

TBC Total Buyer Closing Costs

TCS Total Commission from Primary and Secondary Sources

TDA Total Depository Accounts

TEN Total Maintenance Expense on All Non-Income Producing Properties

TEP Total Maintenance Expense on All Income Producing Properties

TGD Total Gifts Not Deposited

TIS Total Self-employed Income from Primary and Secondary Sources

TLA Total Other Liquid Assets

TLV Total Life Insurance Net Cash Value

TMM Total Monetary Markup Amount

TOL Total Omitted Liabilities

TPA Total Previous Adjusted Claim

TPR Total Net Proceeds from Real Estate Assets

TPS Total Paid as Submitted

TRF Total Retirement Funds

TRI Total Non-rental Income

TRL Total Resubordinated Liabilities

TRP Total Liabilities for Rental Properties

TSB Total Stocks and Bonds

U8L Tax Payment Refinanced by Same Lender

UAA User Adjusted Amount

UAR Refund of Unauthorized Overrun Charges (UAOR Refund)

UEP Updated Expenses on Presale

UFD Unsecured Borrowed Funds Not Deposited

UHI Unsecured Home Improvements

UIP Updated Interest on Presale

UNK Unknown Tax Plan Payment

UPF Upper Fund

VES Vested/Earned Upper Fund

VRS Volumetric Reservation
Fixed cost associated with the transportation or storage of natural gas based on actual quantity used.

VSI Value of Securities at Issue Date

VSM Value of Securities at Maturity

XTR Extraction
Charge associated with services for the extraction of natural gas products.

529 - Inventory Transaction Type Code

Code specifying inventory activity

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

W19

TRANSACTION SETS USED IN

947

CODE	DEFINITION & EXPLANATION
AD	Inventory Adjustment - Decrease
AJ	Inventory Adjustments
BO	Bonded Inventory
CM	Commitment
DM	Damaged
DP	Dumped or Destroyed
DU	Inventory Adjustment - Dual
IT	In-Transit
IU	Inventory Update - New Information *For DoD Supply/Logistics government furnished property transactions, identifies new identifying characteristics for specific inventory items*
IV	Inventory Update - Old Information *For DoD Supply/Logistics government furnished property transactions, identifies old identifying characteristics for specific inventory items*
PA	Physical Inventory Adjustments
QI	Quality Inspection Inventory
QU	Hold/Quarantined Inventory
RC	Receipts
RD	Reconditioned On Hand
RE	Recoup
RT	Retail Inventory
SA	Saleable Inventory
WH	Wholesale Inventory

531 - Agent Shipment ID Number

Identification number assigned to the shipment by the agent (Number does not contain blank or punctuation characters)

TYPE=**AN** MIN=**1** MAX=**12**

SEGMENTS USED IN (AS SIMPLE)

W06

TRANSACTION SETS USED IN

943 945

533 - Water Movement Code

Code indicating type of water movement TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

IM

TRANSACTION SETS USED IN

404 410 417

CODE	DEFINITION & EXPLANATION
B	Prior and Subsequent Water Movement
N	No Water Movement
P	Prior Water Movement Only
S	Subsequent Water Movement Only

534 - Inland Transportation Code

Code identifying inland transportation operations and movements TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

IM

TRANSACTION SETS USED IN

404 410 417

CODE	DEFINITION & EXPLANATION
CO	Carrier's Overland Common Point
IC	Interchange
IP	Inland Point Interchange (Micro Land-Bridge)
ML	Mini Land-Bridge
RO	Rail Overland Common Point
SD	Store - Door
SU	Substituted Service

535 - Rail Retirement Activity Code

Code identifying the activity being conveyed TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
RU1 RU2

TRANSACTION SETS USED IN
429

CODE	DEFINITION & EXPLANATION
A	Unemployment Application
B	Unemployment Application Response
C	Unemployment Claim
D	Unemployment Claim Response
S	Sickness Claim
T	Sickness Claim Response

536 - Nature of Claim Code

Code indicating the nature of a loss and damage claim TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
F09

TRANSACTION SETS USED IN
920

CODE	DEFINITION & EXPLANATION
99	Other
CA	Catastrophe
CN	Concealed Damage
DE	Delay
FR	Freezing Damage
HT	Heat Damage
PO	Proceeds Only
RD	Refused, Damaged
RO	Refused, Not Ordered
SH	Shortage
TH	Theft or Pilferage
VS	Visible Damage
WA	Water Damage

537 - Employment Code

Code indicating the type of last employer

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

RU1

TRANSACTION SETS USED IN

429

CODE	DEFINITION & EXPLANATION
N	Non-Railroad
R	Railroad

538 - Charge/Allowance Qualifier

Code indicating reason for charge or allowance TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
F05 F07

TRANSACTION SETS USED IN
920 924

CODE	DEFINITION & EXPLANATION
DS	Discount Allowance
LA	Labor Charges
MA	Material Charges
PR	Promotional Allowance
RC	Reconditioning Charges
RE	Cost of Repairs
RL	Release Value
SA	Salvage Allowance
TR	Transportation Charges

539 - Vehicle Identification Number

Unique identification number stamped on the vehicle by the manufacturer

TYPE=**AN** MIN=**1** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

F6X VAD VC VEH

TRANSACTION SETS USED IN

120 121 124 125 126 127 148 187 266 267 270 271 272 284 285 286 309 326 350 355 358 359 404 410 417 426 456 601 603 811 820 858 859 924 928

540 - Damage Type Code

Code indicating the type of damage

TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

57

SEGMENTS USED IN (AS SIMPLE)

F07 ID

TRANSACTION SETS USED IN

124 924 928

541 - Damage Severity Code

Code indicating the severity of the damage TYPE=ID MIN=1 MAX=1

Code Sources

57

SEGMENTS USED IN (AS SIMPLE)

F07 ID

TRANSACTION SETS USED IN

124 924 928

542 - Labor Hours

Labor hours TYPE=**N1** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

DL F07

TRANSACTION SETS USED IN

124 924

543 - Labor Rate

The labor/time guide rate used by the division to reimburse the dealer for repair work

TYPE=**N2** MIN=**3** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

F12 SAL

TRANSACTION SETS USED IN

818 924

544 - Supporting Evidence Code

Code indicating whether documents are provided to support evidence to a loss or damage claim

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

F01

TRANSACTION SETS USED IN

920 924

CODE	DEFINITION & EXPLANATION
D	Documents Sent Separately
N	No Documents Sent

545 - Unemployed Reason Code

Code indicating reason reported by claimant for not now working TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
RU1

TRANSACTION SETS USED IN
429

CODE	DEFINITION & EXPLANATION
1	Laid Off
2	Extra Board, Part-Time Employment
3	Physical Condition
4	Voluntary Quit
5	Retired
6	Discharged
7	Suspended
8	Strike/Work Stoppage
9	Other

546 - Status Code

Code identifying the status of a business transaction, such as a claim, policy, real estate, or securities transaction

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CDA DMA F11 HAD HPL INP LIC MLA PTS RET SHI SMB SPA TA TDT TOA UD

TRANSACTION SETS USED IN

100 101 103 111 135 158 186 187 191 198 201 245 252 255 262 267 268 273 274 284 285 309 358 359 418 431 811 833 926

CODE	DEFINITION & EXPLANATION
01	Accepted
02	Approved
03	Back Bill
04	Conditional Issue
05	Converted
06	Deceased
07	Deleted
08	Delivery Pending
09	Double Jeopardy
10	Extended Term
11	Automatic
12	Follow Up
13	Facultative
14	Group Expired
15	Incomplete
16	In Force
17	Facultative Placed
18	Issued
19	New Business
20	Lapsed
21	Mailed
22	Policy Change
23	Not Taken
24	Offer Final
25	Offer - First Subject To
26	Paid
27	Paid Up
28	Payer Death
29	Payer Disabled
30	Pending
31	Placed
32	Postpone

33 Premium Paying
34 Quoted
35 Reduced Paid up
36 Reinstatement
37 Reapproved
38 Receipted
39 Reissue
40 Repended
41 Satisfied
42 Trial Application
43 Limited
44 Terminated
45 Waived
46 Contingent
47 Sold
48 Rented
49 On Probation
50 Under Contract
51 Deposit
52 Continue to Show
53 Temporarily off the Market
54 Leased
55 Off-Market
56 Forwarded
57 Not Required
58 Ordered
59 Outstanding
60 Pending 1035 Exchange
61 Required
62 Do Not Mail
63 Do Not Rent or Exchange
64 Filed
65 Facultative Submission
66 Additional Information
67 Status Request
68 Submission Change
69 Rating Reduction Requested
70 Facultative Opinion
71 Reserve Facilities
72 Offer Accepted
73 Placed Other Carrier
74 Capacity Unavailable
75 Retained

76 Death
77 Disabled
78 Divorced
79 Free Look Canceled
80 Processed
81 Rejected
82 Reversed
83 Non-Transferable
84 Sent for Registration Transfer to be Delivered at a Later Date
85 In Transfer at Time of Request
86 Temporary
87 Legal Description Provided
88 Legal Description Incomplete
89 Legal Description Provided Via Paper
90 Inactive Taxing Authority
91 Inactive Taxing Authority - No longer collects separate city tax
92 Inactive Taxing Authority - No longer collects separate school tax
93 Inactive Taxing Authority - No longer collects separate special district tax
94 Inactive Taxing Authority - No longer collects separate combined city and school tax
95 Inactive Taxing Authority - No longer collects separate county tax
96 Foreclosure
98 Under Appeal
99 Other Status
AA Annuitized
AB Arrived
AC Active
AD Applicant Denied
AE Multiple Delinquency
AF Legal Description Not Provided
AG Partial Payment
AH Deeded Property
AI Money In-house
AJ Returned Check
AK Bankruptcy
AL Current Tax Open
AM Current Tax Paid
AN Tax Delinquent
AO Tax Exception or Protest
AP Tax Paid
AR Assuming Company Review
C1 Contemplated
C2 Contained in Record
C3 Current

CC Ceding Company Review - With Copy to Assuming Company
CD Canceled
CE Ceding Company Review - No Copy to Assuming Company
CF Canceled Free Look Cash
CH Changeable
CI Canceled by Internal Revenue Service
CL Closed
CO Complete
CR Closed Record
CT Contained in Transaction
DC Declined
DN Declined - No Response from Claimant to Correspondence
DS Declined/Paid Salvage Only
DU Duplicate
EF Equipment Failed
ES Estimated
EW Exchange or Transfer Withdrawn
EX Expired
F0 Follow Up 10 or More
F1 Follow Up 1
F2 Follow Up 2
F3 Follow Up 3
F4 Follow Up 4
F5 Follow Up 5
F6 Follow Up 6
F7 Follow Up 7
F8 Follow Up 8
F9 Follow Up 9
FL Free Look
FP Filed Pending Further Correspondence
FT Future
FX Faxed
IA Inactive
LA Letter of Acceptance Sent
MT Matured
NA Not in Good Order
NP New Premium Only
NR No Record Claim Receipt
NT No Longer Under Treatment
OF On File
OH On Hand - Under Investigation
OP Other Parties Obligations Have Been Excluded
PD Pending Death

PF Paid in Full
PM Partial Payment Received
PP Paid in Part/Denied in Part
PR Paperwork Received
PW Paperwork Pending
RA Rated
RC Rescinded
RE Received
RQ Request
RS Restricted
RV Revoked
SP Suspense
SR Signature Required
SS Suspended
SU Surrendered
UT Under Treatment
WD Withdrawn
WI Waiting Initial Payment
WP Waiting Period
X1 Coverage is Included
X2 Coverage is Excluded
ZZ Mutually Defined

547 - Interest Type Code

Code identifying the type of interest

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

INT

TRANSACTION SETS USED IN

103 202 203 205 248 259 260 264 266

CODE	DEFINITION & EXPLANATION
A	Default Interest Rate
B	Default Note Holder's Rate
C	Current Note Rate
D	Debenture *Registered, transferable securities which are valid and binding obligations issued in accordance with the provision of the National Housing Act, Section 203*
E	Current Pass Through Rate
F	Security or Pass Through Rate
G	Security or Pass Through Rate Floor
H	Security or Pass Through Rate Ceiling
J	Weighted Average Note Rate
K	Servicing Fee
L	Lender Paid Mortgage Insurance Portion
M	Mortgage Note *A credit instrument (note) as is commonly given to secure advances on, or the unpaid purchase price of, real estate under the laws of the jurisdiction where the property is located*
N	Guarantee Fee Per Contract
P	Original Annual Interest Rate
Q	Original Index Value
R	Mortgage Interest Rate
S	Security or Pass Through Margin
T	New Interest Rate
U	Last Adjustable Rate Mortgage (ARM) Rate
W	Weighted Average Interest Rate
X	Accounting Net Yield Rate

548 - Decline/Amend Reason Code

Code indicating the reason for declination or amendment TYPE=ID MIN=3 MAX=3

SEGMENTS USED IN (AS SIMPLE)
F07 F11 F14

TRANSACTION SETS USED IN
924 926

CODE	DEFINITION & EXPLANATION
AOG	Declined - Loss or Damage Due to Act of God - See Correspondence
CAC	Amend - Correction to Amount Claimed - Keying or Transmission Error
CCD	Declined - Carrier Disagrees with Consignee Damages Noted - Documentation to Follow
CDC	Amend - Compromise Offered on Concealed Damage
CDI	Declined - Carriers Not Given an opportunity to Inspect Claimed Damages
CFO	Declined - Claim for Other than Loss, Damage or Delay to Shipment - See Correspondence
CFT	Declined - Claim Not Filed within Time Limits of Contract of Carriage
CIB	Amend - Claim on Incorrect Basis - Sales Loss vs Market Decline, or Retail vs Invoice
CIC	Amend - Correction to Initial Claim Filed for Preliminary Estimate
CNG	Amend - Destination Inspection Reveals Contributory Negligence - Compromise Settlement Offered
CNL	Amend - Destination Inspection Reveals Not Carrier Liability - Salvage Proceeds Offered in Settlement
CSD	Declined - Claim Supporting Documentation Required by Carrier
CSO	Amend - Compromise Settlement Offered for Other Reasons - See Correspondence
CSR	Amend - Clear Seal Record on Shortage Portion of Claim
CTA	Amend - Coal Tolerance Allowance Deducted
DAM	Amend - Damaged Merchandise Not Refused to Carrier Salvage Allowance Deducted
DDO	Declined - Delay due to Owner in Releasing or Reconsigning Shipment - See Correspondence
DMN	Amend - Part of Claim For Manufacturing Defect or Omission Not Noted During Inspection
DNH	Declined - Did Not Handle Claimed Shipment - See Correspondence
DNI	Declined - Did Not Handle Claimed Shipment - No Correspondence to Follow
DNR	Amend - Concealed Damage or Shortage Not Reported to Carrier
DNS	Declined - Claimed Damages Not Segregated for Inspection
DOA	Declined - Shipment Involved in a Derailment or Another Carrier's Line
DPS	Declined - No Market Decline on Delayed Perishable Shipments
DSA	Amend - Invoice Discounts or Special Allowances Not Deducted
DUP	Declined - Duplicate Claim - See Correspondence
FIS	Declined - Claim for Delay Filed on Incorrect Schedule - See Correspondence
GSA	Amend - Grain Shrinkage Allowance Deducted
GWL	Amend - Settlement on Gross Weight Loss or Other Scale Differences
IAW	Amend - Improper Average Weights Used in Determining Loss
ICC	Amend - Incorrect Calculation of Claim - See Correspondence

INC Declined - Claim Filed with Intermediate Carrier
INF Declined - Request for Delayed Inspection Not Properly Filed
MAN Amend - Origin Inspection Reveals Part of Claim Due to Manufacturing Defects or Omissions
MDD Declined - Claimed Damage is Manufacturing Defect, Not Transportation Damage - See Report
NCA Declined - Non-Compliance with Memorandum of Agreement - See Correspondence
NCR Amend - Destination Inspection Reveals Part of Claim Not Carrier Responsibility
NDI Declined - Claimed Damage or Shortage Noted During Origin Inspection - See Report
NFT Amend - Claim Not Filed within Time Limits of Contract of Carriage - Salvage Proceeds Offered in Settlement
NLI Declined - No Liability Indicated - See Correspondence
NNI Declined - Claimed Damage or Shortage not Noted During Destination Inspection - See Report
NRC Declined - Claimed Damage or Shortage not Reported to Carrier
OCC Declined - No Answer to Outstanding Correspondence from Claimant
OTH Declined - Declined for Other Reasons - See Correspondence
RAC Declined - Refiled - Amended Claim - No Documentation to Follow
RAD Declined - Amended Claim - Documentation to Follow
RUC Declined - Refiled - Unamended Claim -No Documentation to Follow
RUD Declined - Refiled - Unamended Claim - Documentation to Follow
SMA Declined - Salvageable Material Not Available to Carrier
SNA Declined - Compromise Settlement Not Accepted
SRD Declined - Shipper Responsible for Damage - See Correspondence
SRE Amend - Origin Inspection Reveals Shipper Responsibility - Salvage Proceeds Offered in Settlement
VDC Declined - Vehicle Damage Claimed Does Not Qualify for Deferred Inspection
VDD Declined - Vehicle Delivered Subject to Inspection - Not Notified of Damage
VDI Declined - Vehicle Delivered Subject to Inspection - Not Notified within Required Time Period
VDQ Declined - Vehicle Damage Claimed Does Not Qualify as Concealed Damage
VDS Declined - Damage Severity of Vehicle Undercarriage Does Not Justify Part Replacement
VIS Declined - Nature or Location of Vehicle Interior Damage Not Carrier Liability
VRP Declined - Vehicle Repair Not Performed as Represented on Claim - Documentation to Follow

550 - Total Labor Cost

Labor cost utilized in repair of the damage. Equal to the sum of the two labor hour data elements multiplied by the appropriate labor rate

TYPE=**N2** MIN=**3** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

F07

TRANSACTION SETS USED IN

924

551 - Total Miscellaneous Costs

Sum of costs for all miscellaneous items not covered by labor and parts costs

TYPE=**N2** MIN=**2** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

F07

TRANSACTION SETS USED IN

924

552 - Total Repair Cost

Total cost of repair for the line item of damage, equal to the sum of part cost, total labor and total miscellaneous cost

TYPE=**N2** MIN=**3** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

F07

TRANSACTION SETS USED IN

924

553 - Authorization Identification

Identifier representing authorization of an unusual repair or some attendant condition

TYPE=**AN** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

F07 PCS REP

TRANSACTION SETS USED IN

141 142 143 924

554 - Assigned Number

Number assigned for differentiation within a transaction set TYPE=**N0** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

CD ENT F07 F14 G95 L13 LV LX MC NX2 PIN PL R2C RAB RD RDD RS RYL SPI SVD SW T1 T2 T3 T6 T8 TT UD VEH

TRANSACTION SETS USED IN

101 103 105 106 107 110 113 124 130 135 139 140 141 142 144 148 155 158 159 170 175 176 179 180 185 186 187 189 190 191 194 197 198 199 200 201 202 203 204 205 206 210 211 212 214 217 219 220 222 223 240 244 245 251 252 255 256 261 262 263 264 265 266 267 268 270 271 272 273 274 275 280 283 284 285 286 288 300 301 304 309 310 311 312 350 355 357 358 359 362 404 410 414 417 422 423 426 432 433 435 453 455 456 460 470 475 485 490 494 511 540 568 601 603 620 650 753 754 805 811 820 821 822 823 832 833 834 835 837 838 840 841 843 848 850 852 854 855 857 858 859 860 865 867 870 872 877 880 881 883 885 886 888 889 890 891 897 924 926 940 944 945 947

555 - Labor Operation Identifier

Identifier representing the labor operation performed in repairing damage

TYPE=**AN** MIN=**5** MAX=**6**

Code Sources

33

SEGMENTS USED IN (AS SIMPLE)

F07

TRANSACTION SETS USED IN

924

556 - Damage Area Code

Code identifying the location on the vehicle where the damage was repaired

TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

57

SEGMENTS USED IN (AS SIMPLE)

DAM F07 ID

TRANSACTION SETS USED IN

124 272 924 928

557 - Part Name

Name of the part(s) replaced TYPE=**AN** MIN=**3** MAX=**16**

SEGMENTS USED IN (AS SIMPLE)
F07

TRANSACTION SETS USED IN
924

558 - Reservation Action Code

Code identifying action on reservation or offering TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
B1 SCP

TRANSACTION SETS USED IN
215 225 300 301 303 990

CODE	DEFINITION & EXPLANATION
A	Reservation Accepted
B	Conditional Acceptance
C	Counter Proposal Made
D	Reservation Cancelled
E	Reservation Declined
N	New
R	Delete
S	Split Booking
U	Change
V	Change in Vessel

559 - Agency Qualifier Code

Code identifying the agency assigning the code values TYPE=ID MIN=2 MAX=2

COMPOSITE DATA STRUCTURES USED IN
C035

SEGMENTS USED IN (AS COMPONENT)
PRV

SEGMENTS USED IN (AS SIMPLE)
AAA ACK ADV BOS CER CID COD CSH FA1 IT8 ITA LM NCD PCS PID PKD PKG PRR PRT PSC RC RED REP SAC
SCD SD1 SI SPA SPI SSS TMD TPB TRD VAT VEH

TRANSACTION SETS USED IN
100 101 105 111 112 113 124 135 139 140 141 142 143 147 148 154 155 175 176 179 180 185 187 194
195 196 197 200 206 215 219 220 244 251 252 262 266 267 268 269 270 271 272 273 274 275 278 283
284 285 286 288 304 309 350 355 358 359 500 501 503 504 511 517 527 536 561 567 568 601 603 620
625 650 754 805 806 810 811 812 814 818 819 820 821 823 824 830 832 834 836 837 838 840 841 842
843 844 845 846 847 848 849 850 851 852 855 856 857 858 859 860 861 862 863 865 866 867 869 870
878 879 885 888 890 897 940 945 947

CODE	DEFINITION & EXPLANATION
10	Alabama SEE CODE SOURCE 586
11	Alaska SEE CODE SOURCE 587
12	Arizona SEE CODE SOURCE 588
13	Arkansas SEE CODE SOURCE 589
14	California SEE CODE SOURCE 590
15	Colorado SEE CODE SOURCE 591
16	Connecticut SEE CODE SOURCE 592
17	Delaware SEE CODE SOURCE 593
18	District of Columbia SEE CODE SOURCE 594
19	Florida SEE CODE SOURCE 595
20	Georgia SEE CODE SOURCE 596
21	Hawaii SEE CODE SOURCE 597
22	Idaho SEE CODE SOURCE 598
23	Illinois SEE CODE SOURCE 599
24	Indiana SEE CODE SOURCE 600

25 Iowa
SEE CODE SOURCE 601

26 Kansas
SEE CODE SOURCE 602

27 Louisiana
SEE CODE SOURCE 603

28 Kentucky
SEE CODE SOURCE 604

29 Maine
SEE CODE SOURCE 605

30 Maryland
SEE CODE SOURCE 606

31 Massachusetts
SEE CODE SOURCE 607

32 Michigan
SEE CODE SOURCE 608

33 Minnesota
SEE CODE SOURCE 609

34 Mississippi
SEE CODE SOURCE 610

35 Missouri
SEE CODE SOURCE 611

36 Montana
SEE CODE SOURCE 612

37 Nebraska
SEE CODE SOURCE 613

38 Nevada
SEE CODE SOURCE 614

39 New Hampshire
SEE CODE SOURCE 615

40 New Jersey
SEE CODE SOURCE 616

41 New Mexico
SEE CODE SOURCE 617

42 New York
SEE CODE SOURCE 618

43 North Carolina
SEE CODE SOURCE 619

44 North Dakota
SEE CODE SOURCE 620

45 Ohio
SEE CODE SOURCE 621

46 Oklahoma
SEE CODE SOURCE 622

47 Oregon
SEE CODE SOURCE 623

48 Pennsylvania
SEE CODE SOURCE 624

49 Rhode Island
SEE CODE SOURCE 625

50 South Carolina
SEE CODE SOURCE 626

51 South Dakota
SEE CODE SOURCE 627

52 Tennessee
SEE CODE SOURCE 628

53 Texas
SEE CODE SOURCE 629

54 Utah
SEE CODE SOURCE 630

55 Vermont
SEE CODE SOURCE 631

56 Virginia
SEE CODE SOURCE 632

57 Washington
SEE CODE SOURCE 633

58 West Virginia
SEE CODE SOURCE 634

59 Wisconsin
SEE CODE SOURCE 635

60 Wyoming
SEE CODE SOURCE 636

61 Insurance Services Office (ISO)
SEE CODE SOURCE 678

62 National Crime Information Center (NCIC)
SEE CODE SOURCE 677

64 U.S. National Center for Health Statistics Commission of Professional and Hospital Activities
SEE CODE SOURCE 674

65 Office of Workers Compensation Programs
SEE CODE SOURCE 675

66 National Association of Convenience Stores

93 Dun & Bradstreet
SEE CODE SOURCE 482
SEE CODE SOURCE 483
SEE CODE SOURCE 484
SEE CODE SOURCE 485
SEE CODE SOURCE 501
SEE CODE SOURCE 502
SEE CODE SOURCE 503
SEE CODE SOURCE 505
SEE CODE SOURCE 515
SEE CODE SOURCE 516
SEE CODE SOURCE 517
SEE CODE SOURCE 518
SEE CODE SOURCE 572

94 Code Assigned by the Organization that is the Ultimate Destination of the Transaction Set

A1 American Land Title Association
SEE CODE SOURCE 487

A2 California Land Title Association
SEE CODE SOURCE 488

A3 Texas Land Title Association
SEE CODE SOURCE 489

A4 Assigned by Carrier

AA Aluminum Association
SEE CODE SOURCE 38
SEE CODE SOURCE 39

AB Assigned by Buyer

AC American Conference of Government Industrial Hygienists (ACGIH)
SEE CODE SOURCE 103

AD Agency Company Organization for Research and Development (ACORD)
SEE CODE SOURCE 222

AE Advertising Industry
SEE CODE SOURCE 294

AF Automotive Aftermarket Industry Association (AAIA)
SEE CODE SOURCE 101

AG State Agency Assigned
SEE CODE SOURCE 558

AH American Industrial Hygiene Association (AIHA)
SEE CODE SOURCE 287

AJ Real Estate Information Industry
SEE CODE SOURCE 571

AL National Alcohol Beverage Control Association
SEE CODE SOURCE 320

AM American Medical Association
SEE CODE SOURCE 434

AP American Petroleum Institute
Responsible for American Petroleum Institute (API)
SEE CODE SOURCE 261

AQ American Public Works Association (APWA) One Call Systems International (OCSI)
SEE CODE SOURCE 567

AR Association of American Railroads
SEE CODE SOURCE 873

AS Assigned by Seller

AT American Society for Testing and Materials (ASTM)
SEE CODE SOURCE 114

AW American Welding Society (AWS)
Responsible for the American Welding Society (AWS)
SEE CODE SOURCE 255

AX ANSI Accredited Standards Committee, X12

AY American Yarn Spinners Association (AYSA)
SEE CODE SOURCE 509

BA Business and Institutional Furniture Manufacturer's Association (BIFMA)
SEE CODE SOURCE 846

BE Telcordia Technologies
SEE CODE SOURCE 138

BF National Business Forms Association
SEE CODE SOURCE 151

BI Book Industry Systems Advisory Committee
SEE CODE SOURCE 42

CA Chemical Abstract Services (CAS)

CB Copper and Brass Fabricators Council, Inc.
SEE CODE SOURCE 111

CC National Cotton Council of America
SEE CODE SOURCE 89

CE Construction Specification Institute (CSI) Extended
SEE CODE SOURCE 657

CI Chemical Industry Data Exchange (CIDX)
SEE CODE SOURCE 65

CL Collision Industry Electronic Commerce Association (CIECA)
SEE CODE SOURCE 465

CM Carbide Manufacturers

CO County Designator Code
SEE CODE SOURCE 145

CP United States Department of Agriculture, Agricultural Marketing Service (AMS), Cotton Programs
SEE CODE SOURCE 885

CR Commander - Rome Air Development Center
SEE CODE SOURCE 68
SEE CODE SOURCE 82

CS Construction Specification Institute (CSI)
SEE CODE SOURCE 658

CU Committee on Uniform Security Identification Procedures (CUSIP)

CX National Association of Corrosion Engineers (NACE)
Responsible for National Association of Corrosion Engineers (NACE)
SEE CODE SOURCE 263

DA Food and Drug Administration (FDA)
SEE CODE SOURCE 260
SEE CODE SOURCE 519
SEE CODE SOURCE 520
SEE CODE SOURCE 521

DD Department of Defense (Military Specifications)
Responsible for Military Specification
SEE CODE SOURCE 253

DE Drug Enforcement Administration
SEE CODE SOURCE 73

DF Department of Defense (DoD)

DH Defense Logistics Information Service
SEE CODE SOURCE 925

DI Deutsches Institut fur Normung (DIN)
Responsible for Deutsches Institut fur Normung (DIN)
SEE CODE SOURCE 256

DL Defense Logistics Agency

DN Department of the Navy

DO United States Department of Transportation (DOT)
SEE CODE SOURCE 52

DR Healthcare Distribution Management Association
SEE CODE SOURCE 72

DS Defense Finance and Accounting Service (DFAS)

DX United States Marine Corps

DY Department of Air Force

DZ Department of Army

EI Electronic Industries Association
SEE CODE SOURCE 67

EP United States Environmental Protection Agency (EPA)
SEE CODE SOURCE 109
SEE CODE SOURCE 699

ES Environment and Safety Data Exchange (ESDX)
SEE CODE SOURCE 288

ET Temporary Help Industry
SEE CODE SOURCE 566

EU Electric Utilities

EX Electronics Industry Data Exchange (EIDX)
SEE CODE SOURCE 159

FA Fabric and Supplier Linkage Council (FASLINC)
SEE CODE SOURCE 64

FC Federal Communications Commission (FCC)
SEE CODE SOURCE 360

FD GS1 US, Inc.
SEE CODE SOURCE 41

FE GS1 Canada
SEE CODE SOURCE 972

FG Federal Government
SEE CODE SOURCE 706

FH Federal Highway Administration
SEE CODE SOURCE 534

FI American Furniture Manufacturers Association
SEE CODE SOURCE 225

GC Graphics Communications Association
SEE CODE SOURCE 76

GI North American Energy Standards Board
SEE CODE SOURCE 293

GS General Services Administration (GSA)
Responsible for Federal Specification
SEE CODE SOURCE 252

GU Natural Gas Utilities

HC Centers for Medicare and Medicaid Services
SEE CODE SOURCE 158

HF Human Factors and Ergonomics Society
SEE CODE SOURCE 848

HI Health Insurance Association of America
SEE CODE SOURCE 149

HS Department of Health and Human Services
SEE CODE SOURCE 532

HU Department of Housing and Urban Development
SEE CODE SOURCE 314

IA International Agency for Research on Cancer (IARC)
SEE CODE SOURCE 104

IB International Association of Industrial Accident Boards and Commissions
SEE CODE SOURCE 470

IC International Air Transport Association (IATA)
SEE CODE SOURCE 200

IM Iron and Steel Standards Committee ISM
Responsible for British Standard (BS)
SEE CODE SOURCE 254

IN International Association of Corporation Administrators
SEE CODE SOURCE 637

IS International Standards Organization

JA Japanese Standards Association
Responsible for Japanese Industrial Standard (JIS)
SEE CODE SOURCE 257

K0 GS1 Canada ECCnet I&V

K1 Aquaculture Stewardship Council (ASC)

K2 Association Quebecoise des Allergies Alimentaires (AQAA)
K3 Canadian Food Inspection Agency (CFIA) Organic Regime (Certification) Agency
K4 Earth Island Institute
K5 GS1 Canada ECCnet Registry
K6 Heart and Stroke Foundation of Canada
K7 Marine Stewardship Council (MSC)
K8 Ontario Ministry of Agriculture and Food
K9 The Global Aquaculture Alliance
LA Life and Annuity Industry Committee
SEE CODE SOURCE 472
SEE CODE SOURCE 490
LB Department of Labor
SEE CODE SOURCE 407
SEE CODE SOURCE 427
SEE CODE SOURCE 428
SEE CODE SOURCE 429
LI Leasing Industry
MA Mortgage Bankers Association of America
SEE CODE SOURCE 480
MB Office of Management and Budget
SEE CODE SOURCE 113
MC Manufacturing Company
ME American Society of Mechanical Engineers (ASME)
Responsible for Boiler and Pressure Vessel Code
SEE CODE SOURCE 251
MI ABCD - The Microcomputer Industry Association
SEE CODE SOURCE 247
MP Material Safety Data Sheet (MSDS) Provider
MS Military Standard
MV American Association of Motor Vehicle Administrators (AAMVA)
SEE CODE SOURCE 585
NA National Insurance Crime Bureau (NICB)
SEE CODE SOURCE 213
NB National Association of Business and Educational Radio
SEE CODE SOURCE 361
NC National Council on Compensation Insurance
SEE CODE SOURCE 469
NE National Electric Manufacturers Association (NEMA)
SEE CODE SOURCE 92
NF National Fire Protection Agency (NFPA)
SEE CODE SOURCE 105
NG National Auto Glass Specification (NAGS)
SEE CODE SOURCE 474
NI National Institute of Occupational Safety and Health (NIOSH)
SEE CODE SOURCE 107
NP National Association of Pharmacy Regulatory Authorities (NAPRA)
SEE CODE SOURCE 894
NR National Retail Merchants Association
SEE CODE SOURCE 88
NS National Center for State Courts
SEE CODE SOURCE 412

NT National Toxicology Program (NTP)
SEE CODE SOURCE 106

NU United States Nuclear Regulatory Commission
SEE CODE SOURCE 638

NW Newspaper Association of America
SEE CODE SOURCE 312

OI Optical Industry
SEE CODE SOURCE 168

OP Office Products

OS United States Occupational Safety and Health Administration (OSHA)
SEE CODE SOURCE 108

PA American Paper Institute
SEE CODE SOURCE 62

PC Pennsylvania Courts
SEE CODE SOURCE 447

PI Society of the Plastics Industry (SPI)
SEE CODE SOURCE 930

RN RosettaNet
SEE CODE SOURCE 856

SA Society of Automotive Engineers, Inc. (SAE)
Responsible for Aerospace Material Specifications (AMS), Society of Automotive Engineers (SAE), and Unified Numbering System (UNS)
SEE CODE SOURCE 249
SEE CODE SOURCE 250
SEE CODE SOURCE 262

SE Serials Industry Systems Advisory Committee (SISAC)
SEE CODE SOURCE 302

SL Student Loan Guarantor
SEE CODE SOURCE 172

SP American Society for Automation in Pharmacy
SEE CODE SOURCE 170

ST American Iron & Steel Institute
SEE CODE SOURCE 38
SEE CODE SOURCE 39

TA Air Transport Association of America
SEE CODE SOURCE 219

TB Textile Distributors Association, Inc.
The Textiles Distributors Association provides the fabric and apparel industry with the coding scheme used in advising consumers about the care of fabric or garment; this is in accordance with the Federal Trade Commission regulations on care labeling
SEE CODE SOURCE 292

TC Textile Apparel Linkage Council (TALC)
SEE CODE SOURCE 242

TD Transportation Data Coordinating Committee: Electronic Data Interchange Association (TDCC:EDIA)

TI Telecommunications Industry
SEE CODE SOURCE 46

TM American Textile Manufacturers Institute
SEE CODE SOURCE 87

TP Canadian Freight Classification
SEE CODE SOURCE 8

TR American Trucking Associations
SEE CODE SOURCE 309

TX American Apparel Manufacturers Association
SEE CODE SOURCE 45

UA (UN/SPSC) United Nations Products and Services Classification Code
SEE CODE SOURCE 849

UC United States Courts
SEE CODE SOURCE 448

UE Universal Descriptor Exchange (UDEX)
SEE CODE SOURCE 936

UI Industrial/Commercial (I/C) Electronic Data Interchange
SEE CODE SOURCE 853

UL Underwriters Laboratories
SEE CODE SOURCE 847

UN United Nations (UN)
SEE CODE SOURCE 53

UT Utility Industry Group
SEE CODE SOURCE 676

VI Voluntary Inter-Industry Commerce Standard (VICS) EDI
SEE CODE SOURCE 70

WH Canadian Workplace Hazardous Materials Information System (WHMIS)
SEE CODE SOURCE 289

ZZ Mutually Defined

560 - Special Services Code

Code identifying the special service TYPE=**ID** MIN=**2** MAX=**10**

Code Sources
46

SEGMENTS USED IN (AS SIMPLE)
AT5 CS CSH H6 ITA PSC SSS W01

TRANSACTION SETS USED IN
106 107 140 142 143 163 187 204 210 211 214 216 219 220 222 503 527 536 561 567 568 811 819 830 840 842 843 844 845 846 849 850 851 855 858 859 860 865 867 870 873 874 940 947

CODE	DEFINITION & EXPLANATION
10	First In First Out (FIFO) Oldest Product
11	Last In First Out (LIFO) Newest Product
AA	Tank Wash Required
AC	Acid (Battery)
AD	Accept at Destination *Acceptance will take place at the destination point*
AF	Affidavit
AG	Aircraft On Ground (AOG)
AM	Administration
AO	Accept at Origin *Acceptance will take place at the point of origin*
BH	Buyer Hand Carry
BI	Bill and Hold
C1	Shipper Load and Count
C2	Carrier Load and Count
CA	Cataloging Services
CC	Carrier Unload
CD	COD Request
CH	Cut and Parallel
CI	Cut
CM	Continuous Movement *Trailer loaded to one destination, freight unloaded, and trailer reloaded with new freight to continue to another destination (not the original origin) per the shipper's instructions*
CN	Combination Performance and Non-performance
CO	Cooperative Unloading
CS	Cigarette Stamping
CT	Count and Recount
CU	Consignee Unload
CY	Carry-in Service
CZ	Cable Pressurization
D1	One - Day Service

D2 Two - Day Service
DA Delivery Acknowledgment
DE De-Installation
DH Drop and Hook Receiving
DI Die Service Charge
DL Delivery
DS Designated Supplier Inspection
DV Declared Value
EG Engraving
EM Emergency Service
EN Enclosure
ER Equipment Manufacturer Restoration Audit
EU Exclusive Use Of Equipment
EX Expedited Service
F1 Full Service
FG Free Goods
FR Frequent Importer Release System (FIRST)
FS Floor Stock Protection
FT Free and Secure Trade (FAST)
GI Grouped Items
Indicates the pricing for this line is related to the pricing of some other item either on this invoice or some other prior invoice
GP Gas Pressure
GU Guaranteed Inspection Technical Service
H1 Temperature Protection
HC Handling Service
HH Hointins and Hauling
HS Hauling and Hoisting
IC Inside Cable Connectors
ID Inside Delivery
IG Invoice with Goods
IK Insurance Provided by Lessee
IL Insurance Provided by Lessor
IM Inspect at Destination
IN Insurance
IO Inspect at Origin
IP In-stock Merchandise
IQ Interim Use Permitted at Special Rate
IR Installation and Training
IS Invoice Services
IT In Transit Price Protection
KO Koshering
L1 Shipper Load, Carrier Count
LA Labeling

LL Loading Service
LS Lease Shortfall Consideration
MI Mail Invoice
ML Mail Invoice to Each Location
NC Notify Consignee Before Delivery
OA Outside Cable Connectors
ON On-site Service
OP Oversized Package
PA Pack Invoice with Shipment
PB Previous Billing
PC Packaging Service
PE Pulling Eyes
PF Proof & Composition
PL Palletizing
PM Perpetual Movement
Trailer loaded to one destination, freight unloaded, and trailer reloaded with new freight multiple times per the shipper's instructions; the shipper will continue to request loading and unloading of the trailer
PO Purchase Option
PP Progress Payment Requirement
Service provided by Lessor to advance funds prior to the commencement of a lease
RD Residential Delivery
RE Recall Service
RM Roundtrip Movement
Trailer loaded to one destination, freight unloaded, and trailer reloaded with new freight to return to the origin of the first load
RP Return Parts to Customer
S1 Shipper Load, Consignee Unload
S2 Slip Sheet, Truck
S3 Seller Hand Carry
SD Shrinkage Allowance
SG Same - Day Service
SH Special Handling Service
SJ Subject To Tax On Resale
SR Slip Sheet, Rail
SS Tax Liability - One Time
Service provided by Lessor to advance the funds for the entire tax liability to be paid
ST Tax Liability - Amortized
Service provided by Lessor to advance the funds for the tax liability to be amortized over the term of the lease
SU Set-up
SV Service Center
SW Swell
T1 Onetime Tooling
TC Ticketing Service

TE Tendered as Truckload
TH Technology Exchange
TM Consecutive Movement
Shipment tendered as two orders on one trailer, to two destinations, to be partially unloaded at the first destination and new freight loaded for continuance to the second destination
TO Tooling
UN Unitized
US USDA Inspected, Stamping Certification
V1 Drop Yard
V2 Drop Dock
WC Will Call
WH Warehousing
XP Expanded Service
XX Third Party Pallets
Pallets provided by the shipper, owned by a third party, and may be left at the consignee
YY Split Pickup
ZZ Mutually Defined
BOP Bop Sheet
A pallet comprised of cardboard
CSA Canadian Customers Self Assessment (CSA)
PLI Pilot Inspection
PSF Pickup Service Furnished
A service provided by rail carriers in which they pick up a shipment at origin and deliver to a convenient rail siding for transport
SLP Slip Sheet
SPI Specification Review
A0010 Alterations
A0020 Anneal/Heat (Steel or Glass Treatment)
A0030 Art Work
B0020 Black Lung Tax
B0040 Burning
C0012 Capping
C0032 Coating (Dip, Rustproof, EDP)
C0036 Certificate of Conformance
C0038 Certificate of Origin
D0020 Determined Freight
D0024 Layout/Design
D0031 Driver Assisted Unloading
D0032 Driver Assisted Loading
E0030 Exclusive use
G0010 Grinding
G0052 Government Inspection
I0012 Installation
I0013 Installation & Warranty

I0021 Inspection
I0022 Identification
M0010 Memo Returnable Container
M0042 Mounting
MNTAN Annual Maintenance
MNTMN Monthly Maintenance
MNTON One-Time Maintenance
N0020 Non-returnable Containers
N0021 Non-Returnable
Returns not accepted
N0032 Notarized Affidavit
P0012 Painting (Primer or Finish)
P0014 Phosphatizing (Steel Treatment)
P0016 Pickle and Oil
P0018 Plating
P0022 Preparation
R0072 Repair
R0076 Returnable Container
R0077 Returnable
Returns accepted
R0110 Rework
S0014 Shearing
S0016 Shotblasting
S0022 Sleeving
S0024 Ship to Stock Quality Audit
S0050 Special Packaging
S0052 Stamping
S0054 Source Inspection
S0056 Strapping
S0080 Supplemental Items
T0070 Tools for Printing
W0010 Warranties
X0010 Combine All Same Day Shipment

561 - Service Marks and Numbers

Data used to identify the performance of the service specified by Special Services Code (560)

TYPE=**AN** MIN=**1** MAX=**45**

SEGMENTS USED IN (AS SIMPLE)

SSS

TRANSACTION SETS USED IN

140 142 844 845 849

562 - Rate or Value Type Code

Code identifying method used to determine the type of rate, value, or percent details

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CLI CRT RPA

TRANSACTION SETS USED IN

111 196 256 267 268 273 501 650 806 820 839 892

CODE	DEFINITION & EXPLANATION
1	Base Coverage
2	Coverage for Rider
3	Coverage in Units
4	Retention Per Life
5	Retention Per Policy
6	Total Reinsurance Amount
7	Face Amount
8	Coverage Amount
9	Specified Amount
A	Daily Basis Rate
B	Bailout
D	Declared
E	Earned
F	Fixed
G	Guaranteed
I	Indexed
O	Original
P	Paid
T	Tiered
W	Withheld
AB	Average Basic Rate
AC	Actual
AD	Advance
AE	Average Effective Rate
AR	Age Reduced Rate
BL	Blended
BO	Bonus
CB	Chargeback
CR	Conversion Rate
DR	Direct Rate
DT	Deferred Trail Rate
ES	Estimated
IN	Initial

OI Overhead or Indirect Rate
OT Other
PA Participation
PO Portfolio Rate
RF Renewal First Year Rate
RR Renewal Rate
RS Renewal Subsequent Year Rate
SA Special
SP Split
SR Standard Rate
TR Trail Rate
UA Unit or Lot Average
UT Unit Total
VA Variable

563 - Sales Requirement Code

Code identifying a specific requirement or agreement of sale TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
CSH IT8

TRANSACTION SETS USED IN
830 840 843 850 855 860 865

CODE	DEFINITION & EXPLANATION
B	Back Order Only If New Item
C	Consignment
D	Bid Guarantee
E	Equal Product Allowed
F	Factory Ship
K	Small Purchase Set Aside for Small Businesses *A procurement action that has been reserved for (set aside for) businesses classified as "small business"*
N	No Back Order
O	Back Order If Items Are Out of Stock or Not Yet Published
P	Large Purchase, Set-Aside for Small Business
Q	Small, Disadvantaged Business Set-Aside
R	Combined Small, Disadvantaged Business and Labor Surplus Area Set-Aside
S	Partial Labor Surplus Area Set Aside
T	Small Business with Small, Disadvantaged Business Consideration Set-Aside
W	Warehouse Ship
Y	Back Order if Out of Stock
Z	Mutually Defined
8A	Section (8a) Set-Aside *A procurement reserved for disadvantaged business firms the provisions of Section 8(a) of the Small Business Act (15 U.S.C. 637 (a))*
AA	Add Quantity to Make Minimum Weight Requirement
AB	Notify Prior to Shipment if Quantity Specified is not Available
AI	Set-aside for American Indian-owned Business
AS	Restricted to Approved Sources
BC	Restricted to Historically Black College or University or Minority Institution
BK	Ship Partial - Balance Back Order
EI	Restricted to Educational Institutions
FT	Ship Full Truck Only
GS	Guaranteed Sale
HZ	Historically Underutilized Business (HUB) Zone
IP	Restricted to Industrial Preparedness Program Participants
IS	Substitute Item Allowed
LS	Labor Surplus Area Set-Aside

MY Multi-year Award
NS No Substitutes
P2 Ship As Soon As Possible
P3 May Preship
P4 Do Not Preship
QB On Qualified Bidders List
QE Exclude Import Quota in First Cost
QI Include Import Quota in First Cost
QM On Qualified Manufacturers List
QP Restricted to Qualified Products List (QPL) Products
SC Ship Complete
SE Small Remaining Balance Cancellation Allowed
SF Ship Partial, Carload Lots Only
SG Small Remaining Balance Cancellation Not Allowed
SI Ship In-Place
SP Ship Partial, Balance Cancel
SQ Ship Partial, Item Qty Proportional To Total Order
SS Ship Per Schedule
ST Ship Partial, Truckload Lots Only
SU Ship Partial, Balance Substitute
SV Ship Per Release
SW Ship Per Release or Buyer Authorization
UC Restricted to U.S. and Canadian Sources
UL Other Unlisted Sales Condition
UP Unrestricted Procurement
WY Warranty
YI Restricted to Young Investigator Program

566 - Product/Service Substitution Code

Code indicating product or service substitution conditions TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
CSH IT8

TRANSACTION SETS USED IN
830 840 843 850 855 860 865

CODE	DEFINITION & EXPLANATION
A	No Quantity or Unit of Measure Change Allowed
X	Equivalent Item Substitution
Y	Alternate Item Substitution Allowed
B0	No Substitution Allowed
B1	Supply any Binding if Edition Ordered Not Available
B2	Supply Paper Binding if Edition Ordered Not Available
B3	Supply Cloth Binding if Edition Ordered Not Available
B4	Supply Library Binding if Edition Ordered Not Available
ZZ	Mutually Defined

567 - Equipment Length

Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)

TYPE=**N0** MIN=**4** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

AT9 IC N21 N5 N7 NA SCR VID

TRANSACTION SETS USED IN

106 107 121 125 163 204 210 212 219 220 222 223 227 228 300 301 304 309 310 311 312 322 324 326 350 355 358 359 404 410 417 421 422 423 426 436 451 456 470 601 603 715 754 856 858 859 940

568 - Electronic Form Note Reference Code

Code identifying the functional area or purpose for which the note applies in the electronic form of the X12 standards

TYPE=**ID** MIN=**3** MAX=**3**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E40

TRANSACTION SETS USED IN

868

CODE	DEFINITION & EXPLANATION
ABS	Abstract
DMR	Data Maintenance Request
IND	Industry-required comment (Data Element 480 in segment E01 indicates which industry this comment references.)
NON	Comment which is not part of the standard
PUR	Purpose
SCP	Scope
STD	Comment which is part of the standard

569 - Account Number Qualifier

Code indicating the type of account

TYPE=ID MIN=1 MAX=3

SEGMENTS USED IN (AS SIMPLE)

ACT BPR DEP FAA PDL PM RIC

TRANSACTION SETS USED IN

103 105 111 113 148 186 189 198 201 248 252 255 267 268 273 274 286 521 813 814 820 821 822 823 827 833 834 835

CODE	DEFINITION & EXPLANATION
1	New Business Account
2	Group Number
3	Policy Number
4	Money Market Fund
5	Retirement Account Vested Interest at Market Value
6	Retirement Account Vested Interest Net Cash Value
7	Individual Retirement Account (IRA) Vested Interest at Market Value
8	Individual Retirement Account (IRA) Vested Interest Net Cash Value
9	Corporate Controlled Retirement Account Vested Interest
Z	Mutually Defined
01	Time Deposit
03	Checking Account
05	Stock
06	Bond
07	Life Insurance Face Value
08	Retirement Account - Vested Interest
10	Business Account
11	Trust Fund Account
12	Stocks and Bonds Account
13	Life Insurance Account - Net Cash Value
14	Employee Retirement Account (401K)
AG	Agency
AP	Application
BA	Brokerage Account
CB	Charge BackAccount for Returns
CC	Credit Card
CM	Cash Management
DA	Demand Deposit
DC	Debit Card
EC	Existing Carrier
GL	Financial Institution General Ledger Account
LN	Loan Account

RD Return Items on Demand Deposit Account
RS Return Items on Savings Account
SG Savings
ALC Agency Location Code (ALC)
ANN Annuity
CDM Controlled Disbursement Master Account
CDS Controlled Disbursement Sub Account
CRU Credit Union
EPC Enriched Plan Contract Number
LTD Long-term Disability Policy Number
MUT Mutual Fund
PRI Primary Bank
REL Relationship Summary Account
Relationship Summary Account is a key account under which individual accounts are related
SKA Safekeeping (Custody) Account
ZB1 Zero Balance Master Account
ZB2 Zero Balance Affiliate Account

570 - Scale Type Code

Code identifying the type of scale

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

G4

TRANSACTION SETS USED IN

410 417 426 440 859

CODE	DEFINITION & EXPLANATION
P	Private
R	Rail

571 - Tare Qualifier Code

Code identifying the type of tare

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

G5 IC N21 N7

TRANSACTION SETS USED IN

121 125 163 204 210 219 220 222 223 227 300 301 304 310 312 322 324 326 350 404 410 417 421 422 423 426 436 440 451 456 470 603 715 858 859

CODE	DEFINITION & EXPLANATION
A	Actual
M	Marked

572 - Weight Allowance Type Code

Code identifying the type of weight allowance

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

G5

TRANSACTION SETS USED IN

440

CODE	DEFINITION & EXPLANATION
D	Dunnage
F	Fuel
I	Ice
S	Snow
W	Water

573 - Freight Station Accounting Code

Code specifying the Freight Station Accounting code assigned for AAR Managed Codes for Locations

TYPE=**ID** MIN=**1** MAX=**5**

Code Sources

48

SEGMENTS USED IN (AS SIMPLE)

BL D9 F9 JCT N8 N8A PS SMS W4

TRANSACTION SETS USED IN

104 404 410 417 418 421 422 423 424 425 426 431 433 437 455 456 470 858 859

574 - Claim Profile

A series of code entries which identify the claimed status of an employee for each day in the 14-day claim cycle for unemployment or sickness benefits

TYPE=**AN** MIN=**14** MAX=**14**

Code Sources

118

SEGMENTS USED IN (AS SIMPLE)

RU1

TRANSACTION SETS USED IN

429

575 - City Name Qualifier Code

Code identifying city name

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

W3

TRANSACTION SETS USED IN

418 419

CODE	DEFINITION & EXPLANATION
S	Stop-off Point

576 - Abbreviated Customer Name

Customer name in abbreviated form TYPE=**AN** MIN=**2** MAX=**12**

SEGMENTS USED IN (AS SIMPLE)

W3 W4

TRANSACTION SETS USED IN

418 419

577 - Net Tons

Net weight in tons

TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

W2

TRANSACTION SETS USED IN

228 322 418

578 - Equipment Status Code

Code indicating status of equipment TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)

B4 BTS E6 FAC LFI TRL W2

TRANSACTION SETS USED IN

109 161 227 228 313 315 322 418 419 420 436

CODE	DEFINITION & EXPLANATION
D	Deadhead Locomotive or Caboose
E	Empty
L	Load
O	Operating Locomotive or Caboose
W	Revenue Empty
AA	Empty and Available at Pool
AB	Out Empty to Pick Up Cargo from the Shipper
AC	Loaded en route to port of loading or baseport
AG	Received at port of discharge or baseport
AH	Loaded en route to consignee
AI	Stripped and en route to pool from a consignee
AJ	Empty Positioning
AK	Out of Service
AL	Empty Non-hazardous Last Contained
HR	Held for Reload
LI	Loaded Inbound
LO	Loaded Outbound
RJ	Rejected/Unusable

579 - Type of Consist Code

Code indicating the type of consist TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
BAX

TRANSACTION SETS USED IN
160 418

CODE	DEFINITION & EXPLANATION
A	Advance Automatic Equipment Identification (AEI) Consist
B	Bad Order
C	Crew Only
D	Detour
I	Inspection
J	Joint Track
L	Information Only Advanced Consist
O	Transfer of Liability to Delinquent Road Car Hire Rule 15 Consist
P	Passing
R	Release from Bad Order
S	Switch
T	Train (Normal Advanced)
Y	Actual Interchange

580 - Amendment Type Code

Code identifying type of manifest amendment TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
M10 M13

TRANSACTION SETS USED IN
309 350 352 353 354 355 356 357 358

CODE	DEFINITION & EXPLANATION
A	Add a Bill of Lading
B	Add In-Bond Movement
C	Add New Customs Broker
D	Delete a Bill of Lading
N	Delete Second Notify Party
R	Replace a New Manifest Quantity, Either an Increase or Decrease in the Original Quantity
S	Add Second Notify Party

581 - Customs Entry Type Code

Code specifying the type of entry assigned by U.S. Customs and Border Protection (CBP)

TYPE=**ID** MIN=**2** MAX=**3**

Code Sources

49

SEGMENTS USED IN (AS SIMPLE)

M12 M14 M21 X4

TRANSACTION SETS USED IN

309 350 352 355 357 404 410 417 601 858

582 - Bill of Lading Type Code

Code identifying the type of bill of lading TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

665

SEGMENTS USED IN (AS SIMPLE)

M11

TRANSACTION SETS USED IN

309 355

583 - Factory Car Order Number

This number to be supplied by the shipper for Canadian customer requirements at border points for all finished motor vehicles exported to the United States from Canada

TYPE=**AN** MIN=**6** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

VC

TRANSACTION SETS USED IN

120 121 125 127 309 326 355 404 410 417 426 456 858 859 928

584 - Employment Status Code

Code indicating the general employment status of an employee/claimant TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
DPN ELV EMS ESI INS MPI PAT RU2 SBR SCD

TRANSACTION SETS USED IN
113 130 132 138 148 153 155 186 189 194 198 200 201 248 252 255 267 270 271 274 276 277 278 284 286 429 540 818 820 833 834 837

CODE	DEFINITION & EXPLANATION
00	Substitute
AA	Leave of Absence with Pay
AB	Leave of Absence without Pay
AC	Active
AD	Apprenticeship Full-time
AE	Active Reserve
AF	Flexible Work Plan *Employee/Employer defined workhours*
AG	Alerted
AH	Assigned
AI	Affiliated with Outside Organization
AJ	Adjunct
AO	Active Military - Overseas
AP	Apprenticeship Part-time
AQ	Apprenticeship
AS	Academy Student
AT	Presidential Appointee
AU	Active Military - USA
CA	Non-applicable Employment Status Category
CC	Contractor
CO	Consolidated Omnibus Budget Reconciliation Act (COBRA)
CT	Continued
DC	Discharged or Terminated for Cause
DD	Dishonorably Discharged
DI	Deceased
DQ	Disqualified: Medical or Physical Condition
DR	Disqualified: Other
DS	Disabled
EO	Employed by Outside Organization
FA	Furloughed: Job Abolished, Force Reduction
FB	Furloughed: Bumped or Displaced
FC	Furloughed: Facility Closed
FO	Furloughed: Other

FT Full-time
HD Honorably Discharged
IA Inactive
IR Inactive Reserves
L1 Leave of Absence
L2 Administrative Leave of Absence
L3 Annual Leave of Absence
L4 Leave of Absence due to Bereavement
L5 Jury Duty
L6 Suspension
L7 Sabbatical Leave of Absence
LA Leave of Absence: Personal
LE Leave of Absence: Education
LF Leave of Absence: Family Medical Leave Act (FMLA)
LM Leave of Absence: Maternity
LO Leave of Absence for Non-Military Government Request Other Than Jury Duty
LS Leave of Absence: Sickness
LU Leave of Absence: Union
LW Leave of Absence: Without Permission, Unauthorized
LX Leave of Absence: Military
NE Not Employed
OS On Strike
OT Other
PA Promoted
PC Part-time Contractual
PE Plan to Enlist
PM Permanent
PN Part-time Noncontractual
PR Probationary
PT Part-time
PV Previous
PW Piece Worker
RA Resigned: Retired
RB Relocated
RC Reassigned
RD Resigned: Moved
RE Recommissioned
RI Resigned: Injury
RM Retired Military - Overseas
RP Resigned: Personal Reasons
RR Retired Without Recall
RT Retired
RU Retired Military - USA

RW Dual Retired Status
Retiree is working
SA Resigned: Accepted Separation Allowance
SB Separated
SE Self-Employed
SL Seasonal
SU Suspended
TE Terminated
TF Temporary Full-Time
TM Temporary
TN Tenured
TP Temporary Part-Time
TR Transferred
UK Unknown
VO Volunteer
XD Extra Duties Not Requiring Certification
ZZ Mutually Defined

585 - Payroll Status Code

Code identifying work status according to payroll records TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
RU3

TRANSACTION SETS USED IN
429

CODE	DEFINITION & EXPLANATION
AB	Absent
AL	Legitimate Absence
CL	Compassionate Leave
DH	Deadhead
GU	Guarantee
HO	Holiday
JD	Jury Duty
LO	Layover
MC	Missed Call
ML	Military Leave
MO	Marked Off
OP	Other, Paid
PD	Personal Day
RD	Rest Day
RF	Refused Work
SD	Sick Day
SU	Suspension
VC	Vacation
WK	Work

586 - Request for Quote Reference Number

Number assigned by the purchaser to identify his request for quote TYPE=**AN** MIN=**1** MAX=**45**

SEGMENTS USED IN (AS SIMPLE)

BCO BQR BQT

TRANSACTION SETS USED IN

836 840 843

587 - Acknowledgment Type Code

Code specifying the type of acknowledgment TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
BAK BCA BCH BCO BEG BLS BTA

TRANSACTION SETS USED IN
151 836 850 851 855 860 865

CODE	DEFINITION & EXPLANATION
AC	Acknowledge - With Detail and Change
AD	Acknowledge - With Detail, No Change
AE	Acknowledge - With Exception Detail Only
AH	Acknowledge - Hold Status
AK	Acknowledge - No Detail or Change
AP	Acknowledge - Product Replenishment
AT	Accepted
NA	No Acknowledgment Needed
RD	Reject with Detail
RF	Reject with Exception Detail Only
RJ	Rejected - No Detail
RN	Rejected - Not as Agreed
RO	Rejected With Counter Offer
RV	Rejected - Violates Industry Practices
ZZ	Mutually Defined

589 - Position in Set

Relative position of the segment in the transaction set TYPE=**N0** MIN=**1** MAX=**6**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E13

TRANSACTION SETS USED IN

868

590 - Wages Paid Code

Code identifying whether wages were paid TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
RU3

TRANSACTION SETS USED IN
429

CODE	DEFINITION & EXPLANATION
0	Wages Not Paid
1	Wages Paid
2	Wages Partially Paid

591 - Payment Method Code

Code identifying the method for the movement of payment instructions TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

B2 BAU BMP BPR BTP CD3 G38 M11 PDL RIC STC

TRANSACTION SETS USED IN

103 105 111 113 180 189 204 210 215 240 248 267 268 275 277 286 304 309 355 521 813 820 823 827 828 835 838 884

CODE	DEFINITION & EXPLANATION
ACH	Automated Clearing House (ACH)
BKW	Book Entry
BOP	Financial Institution Option
CAS	Cash
CCC	Credit Card
CCF	Collect Payment by Certified Funds
CCH	Cashier's Check
CDA	Credit/Debit Account
CHK	Check
CLH	Clearinghouse
CPC	Collect Payment by Company Check
CWT	Clearing House Interbank Payment System (CHIPS) Funds/Wire Transfer
DCC	ACH Demand Corporate Credit or Debit (CCD) Credit
DCD	ACH Demand Corporate Credit or Debit (CCD) Debit
DDP	Direct Deposit
DEB	Debit Card
DLC	Pre-Arranged Payment or Deposit Plus Addendum (PPD+) Credit to a Demand Deposit Account
DLD	Pre-Arranged Payment or Deposit Plus Addendum (PPD+) Debit to a Demand Deposit Account
DXC	ACH Demand Corporate Trade Exchange (CTX) Credit
DXD	ACH Demand Corporate Trade Exchange (CTX) Debit
DYC	Pre-Arranged Payment or Deposit (PPD) Credit to a Demand Deposit Account
DYD	Pre-Arranged Payment or Deposit (PPD) Debit to a Demand Deposit Account
DZC	ACH Demand Corporate Credit or Debit Plus (CCD+) Credit
DZD	ACH Demand Corporate Credit or Debit Plus (CCD+) Debit
EBX	EDIBANX Clearing Network
EXC	1035 Exchange
FEW	Federal Reserve Funds/Wire Transfer - Repetitive
FWT	Federal Reserve Funds/Wire Transfer - Nonrepetitive
FXP	Foreign Exchange Payments *This code is used to indicate that a foreign exchange contract must be executed to purchase the currency of payment before the payment is processed by the originating bank*

IWT International Electronic Funds Transfer
MOB Mobile Banking
NON Non-Payment Data
PAC Preauthorized Check (Draft)
PBD Draft
PDC ACH Savings Cash Concentration/Disbursement (PPD) Credit
PDD ACH Savings Cash Concentration/Disbursement (PDD) Debit
PDE Payroll Deduction
PRO Proprietary Network
QDR Qualified Direct Rollover
QIR Qualified Indirect Rollover
REV ACH Reversal
RTP Real-Time Payment
SCC ACH Savings Corporate Credit or Debit (CCD) Credit
SCD ACH Savings Corporate Credit or Debit (CDD) Debit
SDC ACH Savings Cash Concentration/Disbursement (PPD+) Credit
SDD ACH Savings Cash Concentration/Disbursement (PPD+) Debit
SWT Society for Worldwide Interbank Financial Telecommunications (S.W.I.F.T.)
SXC ACH Savings Corporate Trade Exchange (CTX) Credit
SXD ACH Savings Corporate Trade Exchange (CTX) Debit
SYC Pre-Arranged Payment or Deposit (PPD) Credit to Savings
SZC ACH Savings Corporate Credit or Debit Plus (CCD+) Credit
SZD ACH Savings Corporate Credit or Debit Plus (CCD+) Debit
TRA Traveler's Check
VIS VISA Special Electronic Funds Transfer Network
X12 X12
ZZZ Mutually Defined

592 - Lading Description Qualifier

Code identifying the type of lading description TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
BVA L12

TRANSACTION SETS USED IN
126 304

CODE	DEFINITION & EXPLANATION
B	Bill of Lading Description (Destination Country's Language) *Description of the commodity to be used on the ocean bill of lading*
C	Chemical Description
D	Department of Transportation Description
E	Export License Description *Description of the commodity to appear on the export license*
I	Commercial Invoice Description *Description of the commodity to be used on the commercial invoice*
L	Letter of Credit Description *Description of the commodity from the letter of credit to be used on the commercial invoice, bill of lading, packing list, etc.*
P	Product Description

594 - Frequency Code

Code indicating frequency or type of activities or actions being reported TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

AD1 AIN ASL ATN BLI BOX CDA CFI CRI DAD FSA ICM LN LN2 MNC OBI PDL PMP PTF PYD RU2 SIN SV5 TBP

TRANSACTION SETS USED IN

100 105 111 113 132 148 154 170 180 186 187 189 198 200 201 202 205 206 245 248 256 262 267 268 273 286 429 521 811 820 823 828 833 834 837 890 892

CODE	DEFINITION & EXPLANATION
0	Annualized; 12-month equivalent
1	Weekly
2	Biweekly
3	Semimonthly
4	Monthly
5	Other
6	Daily
7	Annual
8	Two Calendar Months
9	Lump-Sum Separation Allowance
A	Quarter-to-Date
B	Year-to-Date
C	Single
D	Policy Period
E	Claim Period
F	Unit Report Identifier
G	Month-to-Date
H	Hourly
J	Current Period
Q	Quarterly
S	Semiannual
U	Unknown
Z	Mutually Defined

595 - Compartment ID Code

Code identifying the compartment in a compartmentalized tank car TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

L5 LH1

TRANSACTION SETS USED IN

104 110 204 210 211 215 219 222 300 301 304 310 311 312 317 322 362 404 410 417 418 421 423 426 456 470 856 858 859 940

CODE	DEFINITION & EXPLANATION
1	Brake End
2	2nd from Brake End
3	3rd from Brake End
4	4th from Brake End
5	5th from Brake End
6	6th from Brake End

597 - Vessel Code

Code identifying vessel TYPE=**ID** MIN=**1** MAX=**8**

Code Sources

24

SEGMENTS USED IN (AS SIMPLE)

BA2 F02 M10 Q2 V1 V5 X01

TRANSACTION SETS USED IN

109 121 126 272 300 301 304 309 310 311 312 315 319 322 323 324 325 326 350 352 353 354 355 356 357 358 362 601 715 810 856 858 920 924 925

598 - Bill of Lading/Waybill Number

Identification number assigned to the shipment by the carrier or consolidator

TYPE=**AN** MIN=**1** MAX=**50**

SEGMENTS USED IN (AS SIMPLE)

BVS CD1 M11 M13 M14 M20 M21 MBL W28 X02 X4

TRANSACTION SETS USED IN

121 309 319 325 326 350 352 354 355 356 357 358 943 945

599 - Manifest Unit Code

Code specifying the smallest package unit for the bill of lading TYPE=ID MIN=1 MAX=3

Code Sources

562

SEGMENTS USED IN (AS SIMPLE)

M11 N10

TRANSACTION SETS USED IN

200 201 215 309 355 404 417 833 872

600 - Place of Receipt by Pre-carrier

The city or country in which the pre-carrier took possession of the cargo

ss TYPE=**AN** MIN=**1** MAX=**17**

SEGMENTS USED IN (AS SIMPLE)

M11

TRANSACTION SETS USED IN

309 355

601 - Customs Entry Number

Automated Commercial System Code Furnished by U.S. Customs Service and Border Protection (CBP)

TYPE=**AN** MIN=**1** MAX=**50**

SEGMENTS USED IN (AS SIMPLE)

M12 M14 X4

TRANSACTION SETS USED IN

309 350 352 355 357 404 410 417 601 858

602 - Customs Shipment Value

Customs value in whole dollars

TYPE=**N0** MIN=**2** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

M12 N10

TRANSACTION SETS USED IN

200 201 215 309 355 357 404 410 417 601 833 858 872

603 - In-bond Control Number

Currently assigned control number for in-bond movement TYPE=**AN** MIN=**1** MAX=**50**

SEGMENTS USED IN (AS SIMPLE)

M12 M21

TRANSACTION SETS USED IN

309 355 357 404 410 417 601 858

604 - Consolidation Code

Code identifying the extent of the consolidation TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

ITC W28

TRANSACTION SETS USED IN

155 943 945

CODE	DEFINITION & EXPLANATION
C	Consolidated
N	Non-Consolidated
W	Consolidated with Other Orders of Same Depositors

605 - Deficiency Judgment Code

Code identifying the deficiency judgment TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

FCL

TRANSACTION SETS USED IN

260

CODE	DEFINITION & EXPLANATION
1	Deficiency udgment Authorized by Mortgage Insurer but Not Obtained *A judgment sought unsuccessfully by the mortgagee from the court, with the authorization and approval of the mortgage insurer, against a mortgagor to attach the mortgagor's assets for repayment on the mortgage in default*
2	Deficiency udgment Obtained but Not Authorized by Mortgage Insurer *A judgment not authorized or approved by the insurer of the mortgage but successfully obtained from the court by the mortgagee against a mortgagor to attach the mortgagor's assets for repayment on the mortgage in default*
3	Deficiency udgment Authorized by Mortgage Insurer and Obtained *A judgment successfully obtained from the court by a mortgagee with the authorization and approval of the mortgage insurer against the mortgagor to attach the mortgagor's assets for repayment on the mortgage in default*
4	Deficiency udgment Not Authorized by Mortgage Insurer and Not Obtained *A judgment that was not authorized by the mortgage insurer and was not obtained by the mortgagee*

607 - Number of Days

Count of Days TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

ISC SUM

TRANSACTION SETS USED IN

130 131 138 189 190 421 453 456

608 - Credit File Variation Code

Code identifying the variations found in the specific credit files or hit levels

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

VAR

TRANSACTION SETS USED IN

200

CODE	DEFINITION & EXPLANATION
01	Different Social Security Number
02	Different Last Name
03	Name Differences
04	Date of Birth Differences
05	Generation
06	Address
ZZ	Mutually Defined

609 - Count

Occurrence counter

TYPE=**N0** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

AOC ARC BTC CF1 CR2 E24 EI EIA HD ICH PL PSC SES SPS WLD

TRANSACTION SETS USED IN

130 132 140 142 152 160 189 190 194 224 249 251 272 278 280 455 456 540 805 820 834 837 841 842 863 868

610 - Amount

Monetary amount TYPE=**N2** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

ACS ADJ ASM BCD CDD CF1 CII CSH CTB DAM DED DL DP F01 F05 F07 F09 F11 F13 G33 G46 G49 G76 IT8 L1 L13 L1A L8 MI MIC MIR PAI R2B R2D R3 RDI RU2 SAC SAL SCN SSS TDS UD UDA USD VAT VEH W66 XH

TRANSACTION SETS USED IN

104 110 111 124 140 141 142 148 149 180 185 186 187 202 210 215 220 222 223 224 245 260 263 266 267 270 271 272 273 284 285 286 290 300 301 304 309 310 312 325 350 355 358 359 404 410 417 426 429 433 460 494 601 603 810 811 812 818 819 820 822 823 830 832 836 840 843 844 845 846 847 849 850 852 855 856 857 858 859 860 861 865 870 872 875 876 879 880 882 885 888 889 890 897 920 924 926 940

611 - Disposition Status Code

Code identifying the disposition status

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

RO UWI

TRANSACTION SETS USED IN

200 202

CODE	DEFINITION & EXPLANATION
01	Satisfied
02	Unsatisfied
03	Released
04	Unreleased
05	Vacated
06	Settled
07	Distributed
08	Unknown
09	Dismissed
10	Discharged
11	Withdrawn
12	Appealed
13	Filed
14	Pending
15	Completed
18	Paid
19	Granted
20	Adjudicated
21	Non-adjudicated
22	Real Estate Sold
23	Paid - Not Satisfied
24	Rescinded
25	Converted
26	Cancelled
ZZ	Mutually Defined

612 - Credit Report Merge Type Code

Code identifying the type of merged credit report ordered TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

CRO

TRANSACTION SETS USED IN

200 833

CODE	DEFINITION & EXPLANATION
1	Blend
2	Pick and Choose
3	List and Stack
Z	Mutually Defined

613 - Statement Number

Identifying number for statement assigned by issuer for charges TYPE=**AN** MIN=**1** MAX=**16**

SEGMENTS USED IN (AS SIMPLE)

BOS BSW G47

TRANSACTION SETS USED IN

104 110 424 819 882

614 - Store Number

A number assigned to uniquely identify a retail outlet or store TYPE=**AN** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

G48 N11

TRANSACTION SETS USED IN

812 818 882

615 - Time Period Qualifier

Code specifying periods

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

DM EB G63 HSD PYM SBI

TRANSACTION SETS USED IN

155 159 194 263 271 274 278 492 837

CODE	DEFINITION & EXPLANATION
1	Chargeable Periods
2	Periods Held
3	Free Periods
4	Saturdays, Sundays and Holidays
5	Other Allowance Periods
6	Hour
7	Day
8	Not Applicable
9	Initial Visit
Z	Mutually Defined
10	Six Hours
11	12 Hours
12	18 Hours
13	24 Hours
14	Debit Days
15	Credit Days
16	Excess Days
17	Hazardous Days
18	Holidays
19	Saturdays and Sundays
20	Sundays and Holidays
21	Years
22	Service Year
23	Calendar Year
24	Year to Date
25	Contract
26	Episode
27	Visit
28	Outlier
29	Remaining
30	Exceeded
31	Not Exceeded
32	Lifetime

33 Lifetime Remaining
34 Month
35 Week
36 Admission
37 Three Months
38 Used
39 Member Age - Years
40 Member Age - Months
41 Session
42 Period
43 Dose(s)
44 Month(s)
45 Carry Over
46 Carry Over Remaining

616 - Number of Periods

Total number of periods TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

DM G63 HSD PYM SAL SBI SS

TRANSACTION SETS USED IN

155 159 194 263 271 274 278 460 492 494 818 837

617 - Switch Type Code

Code identifying type of switch movement desired or accomplished TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
ES XD

TRANSACTION SETS USED IN
423 433 451 456

CODE	DEFINITION & EXPLANATION
AI	Pull Authorized After Inspection
BE	Empty Car Unfit for Loading
BO	Loaded Car Unable to Load
CR	Loaded Rejected by Consignee
DC	Duty Car Rejected
HA	Haulage Switch
HC	Handling Line Switch
HF	Hold for Forwarding Instructions
HT	Hold Load in Transit Storage
IP	Intra-Plant Movement
IT	Inter-plant Movement
JF	Joint Facility Switch
JS	Junction Settlement Switch
MA	Multiple Access Switch
NO	Not Ordered
NU	Not Used
OS	Car Off Spot
PF	Released Repaired by Private Facility
PL	Place
PN	Released not Repaired by Private Facility
PU	Pull
RD	Released Empty for Reloading
RE	Railroad Error
RJ	Rejected Car
RL	Released
SB	Set Back
SS	Released Load Through Billing Connecting Road
TK	Trackage Rights
TP	Third Party
TR	Turn and Respot
TS	Empty Car to Storage
WG	Weigh

618 - Implementation Transaction Set Syntax Error Code

Code indicating implementation error found based on the syntax editing of a transaction set

TYPE=**ID** MIN=**1** MAX=**3**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IK5

TRANSACTION SETS USED IN

999

CODE	DEFINITION & EXPLANATION
1	Transaction Set Not Supported
2	Transaction Set Trailer Missing
3	Transaction Set Control Number in Header and Trailer Do Not Match
4	Number of Included Segments Does Not Match Actual Count
5	One or More Segments in Error
6	Missing or Invalid Transaction Set Identifier
7	Missing or Invalid Transaction Set Control Number
8	Authentication Key Name Unknown
9	Encryption Key Name Unknown
10	Requested Service (Authentication or Encrypted) Not Available
11	Unknown Security Recipient
12	Incorrect Message Length (Encryption Only)
13	Message Authentication Code Failed
15	Unknown Security Originator
16	Syntax Error in Decrypted Text
17	Security Not Supported
18	Transaction Set not in Functional Group
19	Invalid Transaction Set Implementation Convention Reference
23	Transaction Set Control Number Not Unique within the Functional Group
24	S3E Security End Segment Missing for S3S Security Start Segment
25	S3S Security Start Segment Missing for S3E Security End Segment
26	S4E Security End Segment Missing for S4S Security Start Segment
27	S4S Security Start Segment Missing for S4E Security End Segment
I5	Implementation One or More Segments in Error
I6	Implementation Convention Not Supported

619 - Zone

To identify zone

TYPE=**AN** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CD3

TRANSACTION SETS USED IN

210 215 240

620 - Implementation Segment Syntax Error Code

Code indicating implementation error found based on the syntax editing of a segment

TYPE=**ID** MIN=**1** MAX=**3**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IK3

TRANSACTION SETS USED IN

999

CODE	DEFINITION & EXPLANATION
1	Unrecognized segment ID
2	Unexpected segment
3	Required Segment Missing
4	Loop Occurs Over Maximum Times
5	Segment Exceeds Maximum Use
6	Segment Not in Defined Transaction Set
7	Segment Not in Proper Sequence
8	Segment Has Data Element Errors
10	Segment Has Excess Trailing Delimiters
I4	Implementation "Not Used" Segment Present
I6	Implementation Dependent Segment Missing
I7	Implementation Loop Occurs Under Minimum Times
I8	Implementation Segment Below Minimum Use
I9	Implementation Dependent "Not Used" Segment Present

621 - Implementation Data Element Syntax Error Code

Code indicating the implementation error found after syntax edits of a data element

TYPE=**ID** MIN=**1** MAX=**3**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IK4

TRANSACTION SETS USED IN

999

CODE	DEFINITION & EXPLANATION
1	Required Data Element Missing
2	Conditional Required Data Element Missing
3	Too Many Data Elements
4	Data Element Too Short
5	Data Element Too Long
6	Invalid Character(s) in Data Element
7	Invalid Code Value
8	Invalid Date
9	Invalid Time
10	Exclusion Condition Violated
12	Too Many Repetitions
13	Too Many Components
16	Composite Data Structure Contains Excess Trailing Delimiters
I6	Code Value Not Used in Implementation
I9	Implementation Dependent Data Element Missing
I10	Implementation "Not Used" Data Element Present
I11	Implementation Too Few Repetitions
I12	Implementation Pattern Match Failure
I13	Implementation Dependent "Not Used" Data Element Present

622 - Number of Loads

Number of customer-defined loads shipped by the supplier TYPE=**N0** MIN=**1** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

CLD

TRANSACTION SETS USED IN

856

623 - Time Code

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

94

SEGMENTS USED IN (AS SIMPLE)

AT7 BAX BGN BLN CAL CSD DTM FIR G62 IS2 M3 N9 Q5 RDT SG SMS STS TSU V9 X4 Y3

TRANSACTION SETS USED IN

100 101 103 104 105 106 107 108 109 110 111 112 113 120 121 124 125 127 129 130 131 132 133 135
138 139 140 141 142 143 144 146 147 149 150 151 152 153 154 155 157 158 159 160 161 163 170 175
176 179 180 185 186 187 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211
212 214 215 219 220 222 223 227 228 240 242 244 245 249 250 251 252 255 256 259 260 261 262 263
264 265 266 267 268 269 271 272 273 274 275 280 283 284 285 286 288 300 301 303 304 309 310 311
312 313 315 317 322 323 324 325 326 350 355 357 358 362 404 410 412 417 418 421 422 423 424 426
431 432 433 434 435 437 452 455 456 470 475 500 501 503 504 511 517 521 527 536 540 561 567 568
601 603 620 625 650 715 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822 823 824 826
827 829 830 831 832 833 834 835 836 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852
853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 869 870 872 873 874 875 876 877 878
879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 896 897 920 940 943 944 945 947

CODE	DEFINITION & EXPLANATION
01	Equivalent to ISO P01
02	Equivalent to ISO P02
03	Equivalent to ISO P03
04	Equivalent to ISO P04
05	Equivalent to ISO P05
06	Equivalent to ISO P06
07	Equivalent to ISO P07
08	Equivalent to ISO P08
09	Equivalent to ISO P09
10	Equivalent to ISO P10
11	Equivalent to ISO P11
12	Equivalent to ISO P12
13	Equivalent to ISO M12
14	Equivalent to ISO M11
15	Equivalent to ISO M10
16	Equivalent to ISO M09
17	Equivalent to ISO M08
18	Equivalent to ISO M07
19	Equivalent to ISO M06
20	Equivalent to ISO M05

21 Equivalent to ISO M04
22 Equivalent to ISO M03
23 Equivalent to ISO M02
24 Equivalent to ISO M01
25 Equivalent to ISO M2:30
26 Equivalent to ISO M3:30
27 Equivalent to ISO P5:30
28 Equivalent to ISO P9:30
29 Equivalent to ISO P10:30
AD Alaska Daylight Time
AS Alaska Standard Time
AT Alaska Time
CD Central Daylight Time
CS Central Standard Time
CT Central Time
ED Eastern Daylight Time
ES Eastern Standard Time
ET Eastern Time
GM Greenwich Mean Time
HD Hawaii-Aleutian Daylight Time
HS Hawaii-Aleutian Standard Time
HT Hawaii-Aleutian Time
LT Local Time
MD Mountain Daylight Time
MS Mountain Standard Time
MT Mountain Time
ND Newfoundland Daylight Time
NS Newfoundland Standard Time
NT Newfoundland Time
PD Pacific Daylight Time
PS Pacific Standard Time
PT Pacific Time
TD Atlantic Daylight Time
TS Atlantic Standard Time
TT Atlantic Time
UT Universal Time Coordinate

625 - COD Method of Payment Code

Code indicating method of payment acceptable for C.O.D. charge collection

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

G82 W66

TRANSACTION SETS USED IN

894 940

CODE	DEFINITION & EXPLANATION
1	Certified or Cashier's Check Only
2	Certified or Cashier's or Company Check Only
3	Certified or Cashier's or Company or Personal Check Only
4	Cash or Certified Check Only

626 - Excess Transportation Reason Code

Code identifying the reason for shipment via premium transportation rather than the normal mode of transportation

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

ETD

TRANSACTION SETS USED IN

856

CODE	DEFINITION & EXPLANATION
A	Schedule Increase, Forecast Change or Special Car Order
B	Engineering Change or Late Release
C	Specification (Schedule) Error/Overbuilding
D	Shipment Tracing Delay
E	Plant Inventory Loss
F	Building Ahead of Schedule
G	Vendor Behind Schedule
H	Failed to Include In Last Shipment or Unauthorized Premium
I	Carrier Loss Claim
J	Transportation Failure
K	Insufficient Weight For Carload
L	Reject or Discrepancy
M	Transportation Delay
N	Lack of Railcar or Railroad Equipment
P	Releasing Error
R	Record Error or Late Reported Discrepancy Report
T	Common or Peculiar Part Schedule Increase
U	Alternate Supplier Shipping for Responsible Supplier
V	Direct Schedule or Locally Controlled
W	Purchasing Waiver Approval
X	Authorization Code to be Determined
Y	Pilot Material, Samples or Pre-Production
ZZ	Mutually Defined

627 - Excess Transportation Responsibility Code

Code identifying the organization responsible for paying the premium transportation costs

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

ETD

TRANSACTION SETS USED IN

856

CODE	DEFINITION & EXPLANATION
A	Customer Plant (Receiving Location)
B	Material Release Issuer
S	Supplier Authority
X	Responsibility to be Determined
Z	Mutually Defined

628 - Hierarchical ID Number

A unique number assigned by the sender to identify a particular data segment in a hierarchical structure

TYPE=**AN** MIN=**1** MAX=**12**

SEGMENTS USED IN (AS SIMPLE)

HL

TRANSACTION SETS USED IN

105 111 112 113 132 133 148 155 157 179 186 187 194 196 242 245 248 267 270 271 274 276 277 278 284 286 500 536 561 625 650 805 811 816 837 841 842 847 856 857 858 863 869 870

629 - Alternation Precedence Code

Code identifying the priority of rate application when two or more rates apply to a given movement; if rate application includes two or more rates of the same value for this element, individual carrier rules and procedures shall govern

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

PI RA RAB

TRANSACTION SETS USED IN

404 410 414 417 422 426 433 453 456 460 466 468 485 486 490 494 858

CODE	DEFINITION & EXPLANATION
A	Indicates Alternation between all Lower Levels
B	Price Application Hierarchy Rules Apply - Do Not Alternate between Levels
L	A rate with this element indicating an "L" value will be applied only in the absence of rate application by any with this element indicating "N" or "S"
N	A rate with this element indicating an "N" value will be applied to the exclusion of all other rates with this data element indicating other values
P	Only Applicable for Contracts - Indicates that Alternation between Levels applies to Contracts and Customer Specific Prices ("CT" and "PR") Only
S	A rate with this element indicating an "S" value will be applied to the exclusion of all other rates except those indicated as "N"

630 - Minimum/Weight Logic

Code indicating the type of minimum weight or units applicable to a specific rate; the code also describes the interpretation and/or relationship of minimum weight and car capacity percentage data elements for a specific rate

TYPE=**AN** MIN=**1** MAX=**2**

Code Sources

50

SEGMENTS USED IN (AS SIMPLE)

RAB

TRANSACTION SETS USED IN

460 494

631 - Number of Rates

Number of RB segments that are in the given loop iteration TYPE=**N0** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

RA

TRANSACTION SETS USED IN

485

632 - Rate Application Type Code

Code indicating the method by which the rates are applied to a shipment TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
RD

TRANSACTION SETS USED IN
460 494

CODE	DEFINITION & EXPLANATION
C	Minimum Charge per Carload or Trailer
D	Department of Defense Unique Freight Class SEE CODE SOURCE 128
E	Rate per Unit Applicable only to Units in Excess of a Specific Threshold Amount
F	Department of Defense Freight All Kinds, Class 100 SEE CODE SOURCE 128
L	LTL (Less Than Truckload) Rate *Indicates that a less-than-truckload rate has been applied to the shipment*
M	Minimum Charge
N	No Rate for This Application
P	Percent of Minimum Charge
R	Rate per unit subject to minimum units specified, if any
S	Minimum Charge per Shipment
T	TL (Truckload) Rate *Indicates that a truckload rate has been applied to the shipment*

633 - Loading Restriction

A number indicating the minimum, maximum or threshold quantity of units which must be met in order to qualify rate application

TYPE=**N1** MIN=**1** MAX=**7**

SEGMENTS USED IN (AS SIMPLE)

RAB

TRANSACTION SETS USED IN

460 494

634 - Factor Amount

Number indicating the portion of freight rate revenue to be apportioned to an identified carrier

TYPE=**R** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

FK R2C

TRANSACTION SETS USED IN

426 460 485 494 853

635 - Rate Request/Response Code

Code indicating rate request or response purpose TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
REN

TRANSACTION SETS USED IN
460 463 466 468 486 490 494

CODE	DEFINITION & EXPLANATION
0	No rates available applicable to requested movement.
1	Rates provided per request.
2	Rates provided because rates earlier provided have been changed by a blanket change.
3	Rates provided because rates earlier provided have been changed by other than a blanket change.
4	Rates provided because new rates have been added applicable to a previously requested movement.
5	Successfully Processed
6	Unsuccessfully Processed
9	Group Definition Request
A	Provide rates applicable to a specific movement and continue to provide rates in the future applicable to the specific movement.
C	Rate or Division Change
D	Cease providing rates applicable to a specific movement.
F	No Rates Provided Due To Invalid Origin Geography
G	General Price Request or Response
H	Historic Price Request or Response
I	Provide rates applicable to specific movement.
P	No Rates Provided Due To Invalid Commodity
Q	Price Quote Request or Response
S	Price Distribution Send
T	No Rates Provided Due To Invalid Destination Geography
W	Waybill Price Request or Response

637 - Unit Conversion Factor

Identifies the weight in pounds of units specified by data element 122
Applicable to Rates

TYPE=**N4** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

RA RAB

TRANSACTION SETS USED IN

460 485 494

638 - Rule 260 Junction Code

Code indicating railroad interchange locations TYPE=**ID** MIN=**1** MAX=**5**

Code Sources

140

SEGMENTS USED IN (AS SIMPLE)

BJF FK R2B RDD SMB SMS SW

TRANSACTION SETS USED IN

426 431 433 437 460 475 485 494 853

639 - Basis of Unit Price Code

Code identifying the type of unit price for an item TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CTP IT1 PO1 PO3 POC SLN UIT

TRANSACTION SETS USED IN

100 112 124 140 142 143 154 194 195 206 215 251 255 268 271 304 325 412 511 536 561 754 810 811 820 821 822 823 830 832 836 837 840 841 843 844 845 846 847 849 850 851 852 855 856 857 860 861 862 863 865 866 867 870 873 874 875 876 878 883 886 888 894 897 940

CODE	DEFINITION & EXPLANATION
AA	Bill
AB	Pay
AC	Average Acquisition Cost *Used to identify the average acquisition cost per unit of material*
AP	Advise Price
AW	Average Wholesale Price
BD	Before Discount *Full amount for the service prior to application of any appropriate discounts*
BR	Broker
BW	Biweekly Price per Unit *Price charged every two weeks*
CA	Catalog
CC	Contractee Cost
CP	Current Price (Subject to Change)
CR	Carnet *An official certificate, especially any type of the various customs documents required to allow people or goods to cross certain national boundaries*
CT	Contract
DI	Distributor
DP	Daily Price per Unit
DR	Dealer
DS	Discount
EC	Estimated Credit *Indicates the estimated credit value to be provided*
EH	Shift Differential
ES	Estimated
FB	Fabrication Cost
FO	Formula
FX	Fixed Price *Buyer and seller agree on a final price; invoice cut for this price; credit for provisional price*
HF	Per 100 Feet
HP	Price per Hundred
HT	Price Per 100,000

IC Inventory Cost Basis
KA Price with Government Furnished Property
KP Escalated Price
KR In Stock
LC Catalog Price per Hundred
LD Catalog Price per Dozen
LE Catalog Price per Each
LM Catalog Price per Thousand
LR Previous Catalog Price
ME Midterm Endorsement Price per Unit
A change in coverage that occurs between policy renewals that results in a policy premium change
ML Price per Milliliter
NC No Charge
NE Not to Exceed
NQ No Quote
NS Not Separately Priced
NT Net
Indicates a net unit price
P1 Price per 1000 Meter
P2 Price per Centimeter
P3 Price per Decimeter
P4 Price per Hectometer
P5 Price per Kilometer
P6 Price per Millimeter
P7 Price per Meter
PA Price per Troy Ounce
PB Annual Price Per Unit
Price changed Once per Year
PD Price per Dozen
PE Price per Each
PF Price Per Foot
PG Price per Gram
PK Price per Kilogram
PL Price per Liter
PM Monthly Price Per Unit
PN Price per Ten
PO Price per Ounce
PP Price per Pound
PQ Posted
PR Promotion
PS Price Per Thousand Square Foot
PT Price per Ton

PU Quarterly Price per Unit
Price for a quarterly installment of a billed item

PV Provisional Price
Sold on or off the futures market; price not really fixed; product sold at this price

PY Price per Yard

QE Quoted Price per Each

QH Quoted Price per Hundred

QR Previous Quoted Price

QS Quoted Price per Thousand

QT Quoted

RC Retail Price per Hundred

RD Retail Price per Dozen

RE Retail Price per Each

RM Retail Price per Thousand

RS Resale Price

RT Retail

SA Semi Annual Price per Unit
Price charged twice per year

SC Submitted Contract

SM Semi Monthly Price per Unit
Price charged twice per month

SO Sales Amount On Invoice

SR Suggested Retail

ST Standard
Indicates a standard unit price, including all surcharges

SW Submitted Wholesale

TB To be negotiated.

TC Contract Price per Hundred

TD Contract Price per Dozen

TE Contract Price per Each

TF Per 1000 Feet

TM Contract Price per Thousand

TP Price per Thousand

TT Price Per 10,000

UM Price per Unit of Measure

VQ Verbal Quote
Provided by salesman, and nothing is on paper or in electronic file to backup the price

WC Wholesale Price per Hundred

WD Wholesale Price per Dozen

WE Wholesale Price per Each

WH Wholesale

WI Weekly Price per Unit
Price charged once per week

WM Wholesale Price per Thousand

640 - Transaction Type Code

Code specifying the type of transaction TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)

B3A BAA BAK BC BCA BCD BCH BCO BCQ BEG BGN BHT BIG BJF BLS BMA BMG BNR BOS BR BSI BSN BTI BTP
CF2 CMA ERP G01 G42 G84 OTI PEN R11 RET W05 W06 W15

TRANSACTION SETS USED IN

100 101 103 105 106 107 108 110 111 112 113 124 130 131 132 133 135 138 139 140 141 142 143 144
146 147 148 149 150 151 152 153 154 155 157 158 159 175 176 179 180 185 186 187 188 189 190 191
194 195 197 198 199 200 201 202 203 205 206 223 224 228 240 242 244 245 248 249 250 251 252 255
259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285
286 288 290 362 412 422 423 432 433 437 470 475 500 501 503 504 511 517 521 527 536 540 561 567
568 603 620 625 650 715 753 754 810 811 812 813 814 816 819 820 822 823 824 826 831 833 834 836
837 838 842 844 847 850 851 853 855 856 857 859 860 864 865 869 872 873 874 877 880 881 883 887
888 889 891 892 894 895 897 940 943 945 947

CODE	DEFINITION & EXPLANATION
01	Location Address Message *Unrelated addresses of business locations*
02	Location Relation Information *Addresses for associated business locations*
03	Report Message *A human-readable report intended to be put on paper*
04	Electronic Mail Message *A free-form, human-readable message intended for an electronic mail system*
05	Request for Co-op
06	Guidelines
07	Budget
08	Commitment
09	Co-op Actual
10	Distribution
11	National Property Registry System Real Estate Property Transaction
12	Physician's Report
13	Maintenance Request
14	Maintenance Response
15	Request with Immediate Response Required (No Follow-up)
16	Request with Immediate Response Required (Follow-up Required)
17	Request with Immediate Response to Mailbox
18	Response - No Further Updates to Follow
19	Response - Further Updates to Follow
1A	Unique Item Tracking Control Report
1B	Unique Item Tracking Report Reconciliation
1C	Unique Item Tracking Item Data Change *Use of the code 1C indicates the transaction set contains changes or corrections to small*

arms and other unique item tracking program data
SEE CODE SOURCE 350

1E New Group Initial Enrollment
20 Air Export Waybill and Invoice
21 Air Import Invoice
22 Ocean Export Direct Invoice
23 Ocean Export Indirect Invoice
24 Ocean Export Brokerage Invoice
25 Ocean Import Invoice
26 Miscellaneous Services Invoice
27 Warehouse Services Invoice
28 Pre-registration
30 Delivery
31 Subrogation Demand
33 Normal
Conforming to a standard practice
34 Emergency Request
35 Short Notice Request
The amount of time given to respond to a request is abbreviated from the normal time allotted
36 Damage Notification
Notification of loss or harm resulting from injury to an entity
37 Design Report
The arrangement of elements and details in a product of work
38 Test
39 Notice of Occupational Disease
3M Supporting Information
40 Notice of Traumatic Injury
41 Statement of Financial Affairs
42 Customer Shipment
43 International Shipment
44 Interplant Shipment
45 Production to Carrier Shipment
46 Advanced Payment
47 Delinquency
48 Payment Information
49 Audit
50 Transfer Loan In
51 Transfer Loan Out
52 Mailing Address Services
54 Information Only, No Response Required
55 New Service Order
56 Denied Request
57 Service Termination
58 Tax Billing or Remittance

60 Material In Transit
62 Preaward Notification
63 Postaward Notification
64 Small Business Award Notification
65 Award Notification
66 Notification to Late Bidders
67 Notification of Protest Receipt
68 Abstract of Offers
69 Bid Rejection Notice
6A Accomplishment Based Renewal
6C Competitive Renewal
6N Non-competitive Renewal
6R Resubmission
6S Supplemental
70 Unsolicited Bid Notice
71 Filing and Search Request
72 Termination
73 Filing Officer Confirmation
74 Amendment
75 Full Assignment
76 Partial Assignment
77 Full Release of Collateral
78 Partial Release of Collateral
79 Continuation
80 Uniform Commercial Code Filing with Broad Collateral Description
81 Uniform Commercial Code Filing with Specific Collateral Description
82 Segregation by Purchase Order Number
83 Segregation by Carrier PRO Number
85 Response - No Action Taken
87 Disability Benefits Proof of Coverage Notification
88 Debtor Filing
89 Federal Occupational Reporting
91 Secured Party Filing
94 Partial Release Filing
95 Full (Total) Release
97 Multiple Listing
98 Sale
99 Loan
A0 Requisition
A request for equipment or material
A1 Storage Item Data Change
A3 Administrative Fees
A4 Amended Return

A5 Notice of Charge
A6 Protest or Response to Charge
A7 Charge Decision
AA Due to Analysis
AB Advance Shipment and Billing Notice
AC Requisition Cancellation
A termination of a request for equipment or material
AD Notice of Availability
Notification by a U.S. shipping organization that a foreign military sales shipment is available for delivery
AE Due to Reconciliation (Full)
AF Requisition Follow-Up
An inquiry about a request for equipment or material
AG Due to Reconciliation (Partial)
AH Pre-Employment Screening
AI Adjusted Invoice
AJ Student Loan Interest Statement (1098-E)
AK Tuition Payments Statement (1098-T)
AL Arbitration
AM Requisition Modification
An amendment to a request for equipment or material
AN Material Obligation Inquiry
An inquiry as to the continued need for an open order
AP Material Obligation Advice
A confirmation of the continued need for quantity associated with a Material Obligation Inquiry
AQ Quantity Verification Inquiry
An inquiry as to the validity of the quantity associated with an open order
AR Supply Assistance
An inquiry requesting extraordinary action to provide needed material based on operational conditions or requirements
AS Shipment Advice
Notification by an inventory management organization providing current shipping advice relating to the outstanding requisition or order
AT Administrative Action
AV Quantity Verification Advice
A confirmation of the validity of the quantity associated with a Quantity Verification Inquiry
AW Material Obligation Reinstatement
A request to reinstate an erroneously closed material obligation
AZ Disposal Shipment Confirmation
Notification by a government organization providing current shipping confirmation relative to materiel being transferred for disposal
BA Backbill Invoice
BB Billback
BD Statement of Balance Due
BF Best and Final Offer

BG Non-escrow or Non-impound Tracking
BH Bill and Hold Goods
BJ Bankruptcy Petition
BK Bankruptcy Schedules
BL Blanket Lease Schedule
BM Requisition Passing Order
An order passing an erroneously routed requisition to the appropriate source of supply
BN Requisition Referral Order
An order forwarding a requisition to another source of supply when the original source cannot provide the requested material
BO Procurement Cancellation
An order from an inventory control point to a procurement activity requesting that all or a portion of a procurement action be cancelled
BP Procurement Modification
An order from an inventory control point to a procurement activity requesting that a procurement action be modified
BR Business Taxpayer Registration
BS Bill of Sale Schedule
Schedule establishing a list of assets on a bill of sale
BT Balance and Transaction Report
BU Workers' Compensation 1st Report of Injury
BV Workers' Compensation Subsequent Report
BW Workers' Compensation Combined 1st and Subsequent Report
BX Not for Resale Invoice
BZ Freight Invoice
C0 Customs Entry Detail
C1 Claim Information
C2 Case Opening
C3 Consignment
C4 Escrow or Impound Service Reporting
C5 Tax Assessment Bill
C6 Fixed Assets Tax Return
C7 Service Cancellation
C8 Conformed Copy
C9 Subject to Availability of Funds
CA Cash
CB Contribution
CC Credit Commission Invoice
CD Consolidated Debit Invoice
Indicates that the debit invoice is a consolidation of several detailed credit/debit invoices; the detail, if provided, will be contained in credit/debit memos
CE Consolidated Credit Invoice
Indicates that the credit invoice is a consolidation of several detailed credit/debit invoices; the detail, if provided, will be contained in credit/debit memos
CF Consolidated Debit Memo
Indicates that the invoice is a consolidated memo; all actual billing invoices are summarized

by this consolidated memo

CG Consolidated Credit Memo
Indicates that the invoice is a consolidated memo; all actual billing invoices are summarized by this consolidated memo

CH Chargeable

CI Consolidated Invoice

CJ Confirmation

CK Claim Submission

CL Customer Allocation

CM Call Detail Memo
Indicates that the invoice contains details of telecommunications usage that is for information and not payable

CN Credit Invoice

CO Corrected

CP Commission Payment

CR Credit Memo

CS Cash Surrender Distribution

CT Cost Type Invoice

CU Cargo Outturn Report
A transportation discrepancy associated with ocean movements

CV Cost Voucher
A regular of normal invoice in which the demand for payment is made incurred costs

CW Cash Letter

CX Check List

CY Citation to Pay or Appear

CZ Conviction Notice

D1 Dividend Payment

D4 Receipt
A receipt of material

DA Due-In
A notification to an inventory control organization that a material receipt is anticipated

DB Detour Billing
Billing for usage of foreign road trackage during planned maintenance or a disaster that blocks owned trackage

DC Debit Commission Invoice

DD Interdistrict (Pre-Kindergarten - Grade 12) Student Record
Indicates that a pre-kindergarten through grade 12 educational record, or transcript, is being sent to another pre-kindergarten through grade 12 school or school district

DE Advance Receipt
A notification to a storage organization that a material receipt is anticipated

DF Diesel Fuel Bill
Billing for fuel used as part of a run-through agreement when the operating road uses the fueling facilities of the owning road

DG Response
A reply to an inquiry

DH Discretionary Additional Company Contribution

DI Debit Invoice
DK Duty Drawback
DL Deposit List
DM Prior Damage Report
DN Direct Nonqualified Rollover
DO Drop Shipment Invoice
DP District to Postsecondary Student Record
Indicates that a pre-kindergarten through grade 12 educational record, or transcript, is being sent to a postsecondary educational institution or other agency or other recipient
DQ Direct Qualified Rollover
DR Debit Memo
DS Disposition
DT Detail
DU Duplicate
E1 Administrative Records Submission
EA Excess Interest Allocation
EB Engineering Final Bill
EC Campaign Filing
ED Lobbyist Filing
EF Engineering Installation, Right to Use, Final Bill
EI Engineering Installation, Final Bill
EM Estimate of Record
EP Expense Payment
ER Engineering Right to Use, Final Bill
EX Excess Material Notification
F1 Final Report
F2 Pre-approved Bidders List
F4 Pre-determined Allocation
F5 Allocation
F6 Shipper Imbalance
F7 Producer Imbalance
F8 Storage Report
FA Forfeiture Allocation
FB Final Bill
FC Forfeiture Credit
FD Consolidated Invoice, Final Bill
The final (last) bill for a consolidated account
FE Memorandum, Final Bill
The final (last) bill for a non-payable invoice (memo)
FF Full Assignment Filing
FG Filing
FI First Cost Invoice
FL Final Notice
FM Funding Modification

FN First Notice of Loss

FP Flat Rate Per Unit Bill
A joint facility bill that charges all maintenance and/or operating costs based on a per unit rate set by contract

FQ Full Enrollment File

FR Federal Royalty
Identifies a transaction set which reports leaseholder payment data on Federal property

FS Financial Statement Report

FT Material Returns
Notification by a military organization providing shipping information related to the return of material not needed

G1 Nomination

G2 Request for Confirmation

G3 Confirmation Response

GA Government Furnished Material Inquiry Advice
A response from a Material Control Activity (MCA) to a supply source validating the authority to process a requisition as Government Furnished Material under the terms of a stipulated contract

GI Government Furnished Material Inquiry
A request from a supply source to a Material Control Activity (MCA) to validate that a requisition can be processed as Government Furnished Material under the terms of a stipulated contract

GR Garnishment

GS Credit Report

GT Disability Notice

GU Black Lung Claim

GV Claim Experience Report

GW Employer's Report

GX Longshore Report

GY Unit Report

HA Hazardous Waste Report

HB Discharge Monitoring Report

HC Risk Management Plan

HD Self Monitoring Report

HE Hazardous Air Pollutant Inventory Report

HF Stationary Point Source Inventory Report

HG Toxic Release Inventory Report

HP Horsepower Equalization Bill
Billing for locomotive power purchased as part of a run-through agreement which allows train operation over trackage owned by another railroad, usually from and to facilities owned by the operating road

HX Handling Carrier Agreement Update

I1 In-Ad Coupon Notification

IA Inventory

IB Installation Final Bill

IC Insurance Coverage Notification

ID Employers Report of Disability
IE Indian Royalty
Identifies a transaction set which reports leaseholder payment data on Indian tribal or allottee property
IF Material, Engineering, Installation, Final Bill
II Interfund Transfer In
IM Incident Notice
IN Inquiry
IO Interfund Transfer Out
IR Installation, Right to Use, Final Bill
IU Material, Installation, Right to Use, Final Bill
IW Workers Compensation Report of Injury or Illness
IX Interchange Update
IZ Investment Fees
JM Maintenance and Operations Bill
Maintenance and operations of a jointly owned facility
JO Joint Facility Miscellaneous Bill or Other
Miscellaneous or other charges chargeable to a jointly owned facility
JR Rental Bill
Rental of equipment or a facility
JS Junction Settlement Update
JU Judgment
JX Junction Update
KB Termination for Default
KC Definitization of Contract
KD Definitization of Order
KE Exercise of Option
KF Intent to Exercise Option
KG Administrative Change
KH Change Order
KI Supplemental Agreement
KJ Amended Shipping Instructions
KK Provisioned Item
KL Withdrawal of Offer
KM Additions to General Provisions
KN Request for Price Quote
KS Addition to Solicitation Mailing List
KT Termination for Convenience
LC Due-in Reconciliation Inquiry
LD Loan Distribution
LE Loan Repayment Expense
LF Landed Costs
LN Loss Notification
LO Loan Repayment to Principal Only

LP Loan Repayment

LR Logistics Reassignment
Information related to the transfer of material management responsibility

LV Levy

M1 Manufacturer Coupon Notification

M5 Measurement Events and Alarms

MA Mailing List

MB Maintenance to Business Taxpayer Registration

MC Material Credit Invoice

MD Market Development Fund

ME Memorandum

MF Material, Engineering, Final Bill

MI Material, Installation, Final Bill

ML Membership List

MM Multiple Shippers, Multiple Consignees

MP Mise En Place (In Place)

MR Material, Right to Use, Final Bill

MS Material Final Bill

MU Multifamily Program

N1 Bilateral

N2 Notice of Assessment

N3 Notice of Warrant

N4 Notice of Adjustment

N5 Notice of Determination

N6 Notice of Settlement

N7 Notice of Recorded Lien

N8 Notice of Deficiency

NA Material Release Order
An order issued by an accountable supply system manager directing an activity within the same supply distribution system to release and ship material

NB Material Release Inquiry
A query as to the status of action taken on a previously transmitted material release order

NC Material Release Order Forced Closure
Notification that an open record held for a previously transmitted material release order will be administratively closed

ND Material Release Cancellation
A request from the initiator of a material release order to terminate processing on the transaction

NE Disposal Release Order
An order issued by an accountable supply system manager directing an activity within the same supply distribution system to release and issue material to disposal

NF Disposal Release Inquiry
A query as to the status of action taken on a previously transmitted disposal release order

NG Disposal Release Cancellation
A request from the initiator of a disposal release order to terminate processing on the transaction

NH Disposal Shipment Confirmation Inquiry
A query to confirm the shipment of material under a disposal release order and obtain the appropriate shipment information

NI Redistribution Order
An order issued by a responsible inventory manager to an accountable supply distribution complex directing release of material to another supply distribution activity within the same supply complex

NJ Material Release Confirmation
A notification from a storage site advising the originator of a material release order of the positive action taken on the order

NK Material Release Denial
A notification from a storage site advising the originator of a material release order of negative (warehouse refusal) action taken on the order

NL Material Release Advice
A notification from a storage site advising the originator of a material release order of the nonpositive action taken on the order

NM Disposal Release Confirmation
A notification from a storage site advising the originator of a disposal release order of the positive action taken on the order

NO Notice

NP Disposal Release Denial
A notification from a storage site advising the originator of a disposal release order of negative (warehouse refusal) action taken on the order

NQ Disposal Release Advice
A notification from a storage site advising the originator of a disposal release order of the nonpositive action taken on the order

NR Material Release Cancellation Advice
A notification from a storage site advising the originator of action taken on a material release cancellation

NS In-Transit

NT Disposal Release Cancellation Advice
A notification from a storage site advising the originator of action taken on a disposal release cancellation

NU Inventory Adjustment

OA Operational Capacity

OC On Approval

OF Offer

OP Opinion

OR Order

P1 Preliminary

P2 Employer Group Change

P3 Individual Change

P4 Employer Open Enrollment

P5 Predetermination - Medical

P6 Predetermination - Dental

PA Progress Payment Invoice

PB Partial Bill

PC Invention Report
PD Product Allocation
PE Pleading
PF Partial Assignment Filing
PG Premium Routing Guide
PH Prospective Student Information
PI Personal Injury Bill
A bill which shares the liability of payment for personal injuries suffered on jointly-owned trackage
PJ Component Packing Confirmation
PL Plan Allocation
PM Premium Payment
PO Plan Takeover
PP Prepaid Invoice
PQ Partial Enrollment File
PR Product (or Service)
PS Postsecondary Student Academic Record
Indicates that a postsecondary educational record, or transcript, is being sent
PT Plan-to-plan Transfer
PU Notice of Claim
PV Protest or Response to Claim
PW Claim Decision
PX Wage Verification Notice
PZ Purchase Report
Q1 Scheduled Quantity
Q2 Scheduled Quantity for Operator
QA Coupon Regular Clearinghouse Invoice
QB Coupon Direct Retailer Invoice
QC Coupon Clearinghouse Pay Direct Invoice
QD Product Quality Deficiency
QE Coupon Scan Validate Invoice
QF Scan Validate Adjustment
QG Quick Response Routing Guide
QH Full Coupon Redemption (No Adjustments)
QJ Adjusted Coupon Redemption
QK Coupon Redemption Detail
QL Adjustments to Previous Coupon Redemption
QP Coupon Quick Pay Invoice
QR Product Quality Deficiency Response
R1 Request for Enrollment Verification
R2 Response to Request for Enrollment Verification
R3 Response to Garnishment
R4 Release of Garnishment
R5 Response to Levy

R6 Release of Levy
R7 Response to Order to Withhold
R8 Release of Order to Withhold
RA Request for Credit
RB Right to Use
RC Request for Quote
RD Returns Detail
RE Rebill
RF Material, Engineering, Right to Use, Final Bill
RG Revised Final Bill
Code to indicate that the last bill has been recalculated due to the receipt of delayed usage, or credits; to identify unpaid overdue final accounts, which are reissued each month
RH Request for Additional Funds
RI Routing Instructions
RJ Response to Request for Routing Instructions
RK Registration
RM Reminder to File
RP Reporting
RQ Request
RS Response - Additional Response(s) Available
RT Spend Down
RU Medical Services Reservation
RZ Removed from Solicitation Mailing List
S1 Special Routing Guide
S2 Standard Routing Guide
S3 Supplemental Loan Repayment
S4 Submission
SA Stand-alone Lease Schedule
SB Second Notice of Balance Due
SC Deprescription
A structure in which a carton contains only one SKU
SD Supply Process Deficiency
SE Special Bilateral
SF Single Family Program
SG Sample Goods Invoice
Covers a sample product billed to a customer for customer's review and decisions for future purchase
SH Shipment Status Notification
SI Sight Certification Request
SL Summary Lease Schedule
SM Single Shipper, Multiple Consignees
SO Spot Rate
SP Supplier Rating
SQ Schedule Query

SR Supply Process Deficiency Response
SS Single Shipper, Single Consignee
ST State Royalty
Identifies a transaction set which reports leaseholder payment data on State property
SU Survey
SV Supplemental Invoice
An invoice related to a previous invoice; includes only charges that were not available for the initial invoice
T1 Report sent by National Center for Education Statistics (NCES)
T2 Report sent to National Center for Education Statistics (NCES)
T3 Common Core of Data (CCD) Report from the National Center for Education Statistics (NCES)
T4 Common Core of Data (CCD) Report to the National Center for Education Statistics (NCES)
T5 Integrated Postsecondary Education Database System (IPEDS) Report from National Center for Education Statistics (NCES)
T6 Integrated Postsecondary Education Database System (IPEDS) Report to National Center for Education Statistics (NCES)
T7 Transportation Invoice
T8 Sales Invoice
T9 Service Requester Level Invoice
TB Buyer Managed Transportation
TD Shipment or Movement Deficiency
TF Tax or Fee Exemption Certification
TG Receipt Acknowledgment Inquiry
TH Receipt Acknowledgment Advice
TI Delinquent Due-in Advice
TJ Delinquent Due-in Inquiry
TK Due-in Reconciliation Advice
TL Total Loss Evaluation
TP Trading Partner Information
TR Shipment or Movement Deficiency Response
TS Transfer Statement
TT Testing Service Report
TX Request for Testing Service Report
U1 Contract Abstract
U2 Shipment Performance Notice
U4 Acceptance Alert
U5 Update
U9 Contract Payment Notice
UA Amendment Filing
UC Uniform Commercial Code Filing
UD Unsalable Detail
UF Material, Engineering, Installation, Right to Use, Final Bill
UI Uniform Commercial Code Filing Inquiry

UM Termination Filing
Terminates a filing before the original expiration date
UO Original Filing
UP Unsalable Product Invoice
UR Uniform Commercial Code Filing Response to Inquiry
US Unsubscribed Capacity
Unsubscribed firm capacity available from the transportation service provider
UT Continuation Filing
Continues an original filing beyond the original expiration date
V1 Contract Completion Report
V2 Nomination Quick Response
V3 Confirmation Response Quick Response
V4 Pre-determined Allocation Quick Response
V5 Request for Confirmation Quick Response
VH Public Voucher
VJ Commercial Invoice
VL Violation Notice
VM Voluntary MEDWATCH Report
VN Mandatory MEDWATCH Report
VO Medical Device New Baseline Report
VP Medical Device Annual Baseline Report
VQ User Facility Annual Medical Device Report
VR Annual Certification of Medical Device Report
W1 Weapons Data Change
W4 Weapons Control Report
W5 Weapons Control Report Reconciliation
WA Work Assignment
WC Workers Compensation Proof of Coverage Notification
WD Withdrawal
WH Order to Withhold
WO Work Order
A bill for planned capital improvements to a jointly owned facility
WS Waste
WT Warrant
X1 Consolidator's Invoice
XA Cancel Pending New Offer
XB Bilateral Spot Rate
XC Automatic Concurrence
XD Special Deprescription
XX Firm Order Confirmation with Facility Information
XY Firm Order Confirmation
XZ Facility Confirmation
YI Funds Validation Inquiry
YR Funds Validation Response

Z1 Military Interdepartmental Purchase Request (MIPR)
Z2 Project Directive
Z3 Request for Contractual Procurement
Z4 Reimbursable Work Order
ZA Request Initiation of Work Candidate
ZB Report of Work Candidate
ZC Report of Assignment or Deletion of Work Candidate to Maintenance Period
ZD Request Assignment of Work Candidate to Planning Maintenance Activity
ZE Request for Full Work Candidate Detail
ZF Report of Full Work Candidate Detail
ZG Report of Approved Work Candidate
ZH Request Work Candidate Cost/Duration Estimate
ZI Report of Work Candidate Cost/Duration Estimate
ZJ Request Work Candidate Planning Services
ZK Report of Work Candidate Planning Services
ZL Report of Assignment or Deletion of Work Candidate to Planning/Maintenance Activity
ZM Request of Assignment or Deletion of Work Candidate to Maintenance Period
ZN Stop Work Order
ZO Authorization to Continue Work
ZP Request for Departure From Specification
ZQ Report of Authorized Departure From Specification
ZR Request Work Progress Status
ZS Report of Work Progress Status
ZT Report of Rejection or Return of Work Candidate
ZU Request Work Candidate Change
ZV Lien Filing
ZW Sort and Segregate Detail
ZX Expungement of Prior Filing
ZY Cancellation of Filing
ZZ Mutually Defined

641 - Status Reason Code

Code indicating the status reason

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

API ASI BOR BSN CDI DEG DFI ENM ENR ERP ESI GR5 HS ISR OPX OTI Q5 SAD SES SG SPA SSE SST V9

TRANSACTION SETS USED IN

100 101 109 110 111 130 132 133 135 138 146 148 155 158 161 185 186 188 189 190 191 194 198 205 206 228 252 255 259 260 261 262 264 266 267 268 273 274 300 301 303 304 310 312 315 322 323 325 350 417 426 455 715 814 816 824 856 859 870 872

CODE	DEFINITION & EXPLANATION
001	Death of Principal Mortgagor
002	Illness of Principal Mortgagor
003	Illness of Mortgagor's Family Member
004	Death of Mortgagor's Family Member
005	Marital Difficulties
006	Curtailment of Income *The reduction of income of a borrower*
007	Excessive Obligations - Same Income, Including Habitual Nonpayment of Debts
008	Abandonment of Property
009	Distant Employment Transfer
010	Neighborhood Problem
011	Property Problem
012	Inability to Sell Property
013	Inability to Rent Property
014	Military Service
015	Default Detail *Default reasons which are specified and detailed in a textual note*
016	Unemployment
017	Business Failure
018	Bankruptcy
019	Casualty Loss
020	Moved - Vacated
021	Dissatisfied with Property
022	Energy-Environment Cost
023	Servicing Problems
024	Auto Repairs
025	Extended Reasons *The mortgage is in default due to other reasons or combination of reasons*
026	Payment Adjustment
027	Payment Dispute
028	Due on Transfer
029	Transfer of Ownership Pending

030 Fraud
031 Unable to Contact Borrower
032 Air traffic control delay
033 Delivery Commitment Waived by the Customer
035 Borrower Action
036 Automatic Conversion
037 Lender Approval Required
038 Lender Approval Not Required
039 Owner-occupied Loan Outstanding
040 Loan Reached Maturity
041 Triggered by Interest Increase
042 Specified Time Period Completed
043 Transfer Without Written Notice
044 Triggered by Payment Increase
045 Facility Added
046 Facility Changed
047 Location Added
048 Location Changed
049 Merchandise Damaged or Destroyed
050 Internal Systems Problems
051 Vendor-Supplied Carrier Delay
052 Import Container Delay
053 Notice of Term Enrollment
054 Term Grade Report
055 Change of Venue Granted
056 Removed to Federal Court
057 Foreclosure Completed
058 Servicing Rights Transferred to Non-member
059 Investor is Pulling Servicing as a Result of Default
060 Servicer Pulling Servicing from Sub-Servicer as a Result of Default
061 Consolidation, Extension, Modification (CEM)
062 Renewal and Extension
063 Reinstatement - Loan Not Reassigned to Mortgage Electronic Registration System (MERS)
064 Member Resignation or Expulsion
068 State Action
069 Company Action
070 Voluntary Surrender
071 Producer Requested
072 Awaiting State Confirmation
073 Continuing Education Non-compliance
074 Non-renewal
075 For Cause
076 Lack of Production

077 Retired
078 Disability
079 Requested in Error
080 Continuing Medical Education (CME)
081 Faculty Appointment
082 Health Care Fellowship Appointment
083 Health Care Internship Appointment
084 Health Care Residency Appointment
085 Ownership Change Due to Flow Sale of Servicing Rights
086 Ownership Change Due to Bulk Sale of Servicing Rights
087 College Preparatory Diploma
088 Accurate
089 Calculated
090 Not Selected
091 Reprocessed
092 Selected
093 Not Verified
094 Within Tolerance
095 Without Documentation
096 Not Available
097 Part-time
098 Used to indicate that the DoD Procurement Instrument Identifier has been awarded
According to DoD Policy, supports processing of hazardous waste disposal
099 Used to indicate that the items contained in the DoD Disposal Turn-in Document number (DTID) have been manifested and picked up by the transportation company
According to DoD Policy, supports processing of hazardous waste disposal
100 Used to indicate that the DoD Procurement Instrument Identifier (PIID) is closed
According to DoD Policy, supports processing of hazardous waste disposal
A01 Missed Delivery
Transportation carrier missed customer delivery
A02 Release Signature or Release Number
A03 Incorrect Address
Shipment has been returned to carrier's terminal; address correction is required
A04 Indirect Delivery
A05 Unable To Locate
Transportation carrier is unable to find customer location
A06 Address Corrected - Delivery Attempt
A07 Refused by Consignee
A08 Not In On Delivery Completed
A09 Damaged - Delivery Completed
A10 Damaged - Delivery Not Completed
Shipment completely damaged or destroyed; delivery not attempted
A11 Business Closed
A12 Package Sorted To Wrong Route
Delay caused by carrier sorting shipment incorrectly

A13 Other
A14 Returned to Shipper
A15 Business On Strike
A16 Payment Received
A17 Customer Requested Future Delivery
Delay in delivery per the customer's (consignee's) request
A18 Missort
A19 Restricted Articles Incompatible
A20 Restricted Articles Unacceptable
A21 Bulk Plane
A22 Package Missed Inbound Plane At Origin Station
A23 Customer Dropped Off Package After Aircraft Depart
A24 Accident
Delay caused by shipment being contained in vehicle involved in accident
A25 Package Received At Destination Station Without Airbill
A26 Consignee Related
Unspecified delay caused by consignee
A27 Driver Related
The driver returned the shipment to the terminal
A28 Package Missorted During Aircraft Unload
A29 Hold Changed To Delivery Package
A30 Mechanical Breakdown
A31 Arrived In Station After Courier Dispatch
A32 Aircraft Arrived Late In Hub
A33 Other Carrier-Related
Delivery delay caused by a non-specified carrier related reason
A34 Package Shipped From Overgoods
A36 Holding In Overgoods
A37 Damaged Rewrapped In Hub
A38 Detached Airbill
A39 Previous Stop
Customer previous to this stop caused delay
A40 Shipper Related
Unspecified delay caused by the shipper
A41 Standard Air Package
A42 Holiday - Closed
A43 Weather or Natural Disaster Related
Shipment delayed by natural disaster or severe weather
A45 Delivery Not Completed
Delivery stopped for unidentified reason
A46 Recipient Unavailable -- Delivery Delayed
A49 ODA/Cartage Agent
Agent delayed load at drop lot
A50 Improper International Paperwork

A51 Carrier Keying Error
A keying error that has caused a delay in the shipment

A52 No Requested Arrival Date
The shipper or consignee has to provide the required date of delivery

A53 Shipper Changed Scheduled Shipment Date

A55 Hold Due to Customs/Documentation

A58 Unable to Contact Recipient For Broker Information

A59 Hold At Location

A61 International Manifest

A63 Puerto Rican Tax Authorities Holding Package

A64 Non-FEC Broker Advised

A65 Customs Release

A73 Package Delivered Before Commitment
Customer accepted shipment early

A74 Package Delivered After Commitment

A75 Invalid Account Format

A76 Account Not Found

A77 Name Specified Does Not Match Account

A78 Item or Service Already Established, Cannot Add

A79 Item or Service Not Established, Cannot Modify

A80 Item or Service Not Available

A81 Item or Service Not Available on Requested Date

A82 Address Specified Does Not Match Account

A83 Unauthorized or Invalid Action

A84 Civil Event Related Delay

A85 Customer-requested Early Delivery

A91 Exceeds Service Limitations

A95 Past Cutoff Time

A96 Insufficient Pickup Time
Load tendered to the carrier late

A98 Missed Pickup
Carrier missed pickup appointment

A99 Alternate Carrier Delivered

ABN Abnormal
A code specifying that health screening results for a student were not in the expected range of findings

ACC Actual Contractor-Caused Delay
Delay actual rather than anticipated; caused by the contractor rather than the government

ACD Anticipated Contractor-Caused Delay
Delay anticipated rather than actual; caused by the contractor rather than the government

AFR Assignment Form Required

AGC Actual Government-Caused Delay
Delay actual rather than anticipated; caused by the government rather than the contractor

AGD Anticipated Government-Caused Delay
Delay anticipated rather than actual; caused by the government rather than the contractor

ANA Agent Not Appointed

ANL Agent Not Licensed

API Application Incomplete

B01 Reconsigned
The shipper or consignee redirected the shipment

B02 Appointment or Pre-Arranged Delivery Date
Shipment is being held pending an appointment or pre-arranged delivery date

B03 Trap for Customer
According to a customer's request, shipment is being held at a terminal before delivery

B04 Held for Payment
Delay caused by required payment not available

B05 Held for Consignee
Customer unable to accept order as specified

B06 Consignee Closed (Inventory, Vacation, Etc.)
Shipment is being held because consignee is closed

B07 Dock Pickup
Shipment is awaiting pickup at carrier's dock

B08 Improper Unloading Facility or Equipment
Shipment is on hold pending correct unloading facility or equipment

B09 Receiving Time Restricted
Shipment is being held, consignee's receiving time is restricted

B10 Order Notify
Shipment is being held pending notification of order

B11 Held for Protective Service
Shipment is being held pending assignment of protective service

B12 Connecting Line or Cartage Pickup
Shipment is awaiting connecting line or cartage company pickup

B13 Held per Shipper
Plant held order for any reason

B14 Missing Documents
Shipment is being held because of missing documents

B15 Border Clearance
Shipment is being held pending clearance at a border point

B16 Road Conditions
Shipment is being delayed due to road conditions

B17 Did not complete secondary school

B18 Standard high school diploma

B19 Advanced or honors diploma

B20 Vocational/Technical Preparatory Diploma

B21 Special education diploma

B22 Certificate of completion or attendance

B23 Special certificate of completion

B24 General Education Development Diploma (GED)
A high school equivalency diploma awarded as a result of successfully passing the American Council on Education General Education Development Tests

B25 Other high school equivalency diploma
A high school equivalency diploma awarded on a basis other than the American Council on

Education General Education Development Tests

B26 International diploma or certificate (such as International Baccalaureate)

B27 Student is eligible to continue or return or both

B28 Student is on Suspension or Dismissal
For unstated reasons

B29 Student is expelled (from PreK - grade 12)

B30 Currently enrolled but courses in progress not included

B31 Not currently enrolled

B32 Previous enrollment. Used for entry or exit or both at school other than the sending school

B33 Unreported - Information is not available in record

B34 Currently enrolled and courses in progress are included

B35 Highest Honors

B36 Second Highest Honors

B37 Third Highest Honors

B38 Dropped

B39 Academic Probation

B40 Suspended

B41 Requested record will not be sent; Cannot identify student

B42 Requested record will not be sent electronically; Paper copy will be sent

B43 Requested record will not be sent; Have student contact us

B44 Part of requested record being sent; Remainder to be sent by hard copy

B45 Requested record will not be sent; No record of student

B46 Requested record will not be sent; Degree or Diploma not yet awarded

B47 Requested record will not be sent; Institutional policy requires student release. Have student contact us

B48 Record being sent at request of student

B49 Record being sent to replace one previously sent

B50 Requested record being sent

B51 Student on Suspension or Dismissal; Eligible to Apply for Re-entry

B52 According to established regulations or statutes, the student is considered to be a "dropout"

B53 Student Qualifies for Special Services

B54 Passed Proficiency Test

B55 Passed Screening

B56 Better Features

B57 Rating Changed

B58 Student on Dismissal or Suspension for Disciplinary Reasons

B59 Student is on Suspension or Dismissal for Academic Reasons

BPR Better Performance

BW2 Bottom Well Cannot Handle Two or More Units

BWL Bottom Well Cannot Handle Unit Assigned because of Length

BWT Bottom Well Cannot Handle Unit Assigned because of Type

BWW Bottom Well Cannot Handle Unit Assigned because of Width

C01 Waiting for Customer Pickup
Consignee will pickup shipment at dock

C02 Credit Hold
Customer on credit hold
C03 Suspended at Customer Request
C04 Customer Vacation
C05 Customer Strike
C06 Waiting Shipping Instructions
C07 Waiting for Customer Specified Carrier
C08 Collect on Delivery Required
C09 Cash Not Available from Consignee
C10 Customs (Import/Export)
Delivery delayed by customs
C11 No Requested Arrival Date Provided To Carrier By Shipper
Shipper failed to provide arrival date
C12 No Requested Arrival Time Provided To Carrier By Shipper
C13 Loan Paid in Full
C14 Loan Refinanced, Insured by Insurer Receiving Report
C15 Loan Refinanced, Insured by Other Insurance Carrier
C16 Loan Refinanced, No Insurance Required
C17 Coverage No Longer Required
C18 No Outstanding Commitments
C19 Court Probation
C20 Complete
CBD Changed Broker Dealer
CDE Clearance to Destination Exceeded
CHA Changed Agent
CIE Conflict of Interest Exists
CIM Check in Mail
CLA Collateral Assignment
CLP Contract or Lost Policy Statement Required
CLR Clear - No motor vehicle violations
COS Cosmetic
D01 Carrier Dispatch Error
Shipment has been delayed for delivery or pickup because of a carrier dispatch error
D02 Driver Not Available
D03 Student has attended a nonpublic school or home education program in- or out-of-state this year, but is entering a public school in this state for the first time this school year
D04 Student was received from another attendance reporting unit in the same school
D05 Student was received from a school in the same district
D06 Student was received from another public school outside the district either in- or out-of-state
D07 Student was received from a nonpublic school either in or out of the district or has returned after having been enrolled in a home education program; The student must have been enrolled previously in a public school this year
D08 Student unexpectedly reentered the same school after withdrawing or being discharged
D09 Student was expected to attend a school but did not enter as expected for unknown reasons

D10 Student was promoted, retained, or transferred to another attendance-reporting unit in the same school
D11 Student was promoted, retained, or transferred to another school in the same district
D12 Student withdrew to attend another public school in the same district
D13 Student withdrew to attend another public school in- or out-of-state
D14 Student Over Compulsory Attendance Age Left School Voluntarily with No Intention of Returning
D15 Student Graduated from School with a Standard Diploma
D16 Student Graduated from School with a Special Diploma
D17 Student Left School with a Certificate of Completion
D18 Student Left School with a Special Certificate of Completion
D19 Student Left School with a State General Education Development (GED) High School Diploma
D20 Student Withdrew to Attend a Non-Public School or Home Education Program In- or Out-of-State.
D21 Student withdrew from school due to hardship
D22 Student has not entered any school in this or any other state this school year
D23 Previously attended out-of-state public school but is entering a public school in this state for the first time this school year
D24 Returned to Regular Education Program
D25 Reclassified Fully English Proficient
D26 Retained in Current Grade
D27 Placed in Next Grade After Expected Grade
D28 Placed in Transitional Program (K-1)
D29 Status Pending Completion of Summer School (K-12)
D30 Declined Services
D31 Administratively Placed in a Higher Grade
D32 Academically Placed in a Higher Grade
D33 Promotion Status not Applicable
D34 Promoted
D50 Delayed
D51 Currently Applying
D52 Previously Applied
D53 Graduate from a College
D54 Transfer from a University Program
D55 Graduate from a University Program
D56 Exchange Student
D57 Returning Student Admitted to a New Program
D58 Returning Student Admitted to the Same Program
D59 Returning or Continuing Student Changing to Unclassified or General or Unspecified Studies
D60 Continuing Student Changing to a New Program
D61 Special Permission
D62 Graduate from a Technical Institute
D63 Transfer from a College

DEF Deferred Maintenance
EB1 Deceased
EB2 Did not Attend this Semester
EB3 Withdrawn
EB4 Graduated
EB5 Never Attended
EB6 Full-Time Enrollment
EB7 Half-Time Enrollment
EB8 Less Than Half-Time Enrollment
EB9 Approved Leave of Absence
EBA No Record Found
EBO Three-quarter Time
ENR Export Release Not Required
The foreign military sales (FMS) shipment for which this Notice of Availability is provided will not require an Export Release
ERR Export Release Required
The foreign military sales (FMS) shipment for which this Notice of Availability is provided will require that an Export Release be obtained
EXD Excessive Dimension Cannot be Accepted
EXT Enrolled at Extension
F73 Non-express Clearance Delay
F74 International Non-carrier Delay
FCS Flatcar Shortage
FLE Free Lunch Eligible
FRB Failed to Release Billing
FZD Freeze Damage
HIT Hit - At Least One Motor Vehicle Violation
HZM Hazardous Material Placement
IBF Irrevocable Beneficiary
IEP Individual Education Program
INC Incarceration
INF Incomplete - Final
INP Incomplete - In Progress
INS Investment Selections
IOC Investment Objectives Changed
IRS Internal Revenue Service Lien
IV1 Failed Material Returned for Repair
IV2 Material Shipped Between Intermediate Points
JOW Joint Ownership
JVP Juvenile Policy
LEP Limited English Proficient
LIQ Liquidated
LSH Load Shifted
MAS Multiple Assignments

MEP Migrant Education Program
MIN Mental Incompetency
MP2 Middle Position Cannot Handle Two or More Units
MPL Middle Position Cannot Handle Unit Assigned because of Length
MPT Middle Position Cannot Handle Unit Assigned because of Type
MPW Middle Position Cannot Handle Unit Assigned because of Width
MTC Multiple Conditions
NGP New Generation Product
NNM No New Money (IRA > 70 1/2)
NOR Normal
A code indicating that health screening results for a student were in the expected range of findings
NWD No Withdrawals
P01 Processing Delay
P02 Waiting Inspection
P03 Production Falldown
Shipper held order for stock
P04 Held for Full Carrier Load
Minimum number of shipments or weight is required by the consignee for delivery
P05 Waiting Test Results
P06 Producer Strike
P07 Producer Vacation
PAA Pending Agent Appointment
PAL Pending Agent License
POA Power of Attorney
REJ Rejected - Insufficient or Incorrect Information
RFM Railroad Failed to Meet Schedule
RFR Replacement Form Required
RLE Reduced Price Lunch Eligible
RUN Reason Unknown
S01 Delivery Shortage
Delivery of shipment not complete due to misdirected pieces of freight
SCH Surrender Charges
SCP DOD Security Cooperation Program
SFR Surrender Form Required
SGR Signature Required
SOW Shipment Overweight
STM Storm
T01 Tractor With Sleeper Car Not Available
T02 Tractor, Conventional, Not Available
T03 Trailer Not Available
T04 Trailer Not Usable Due to Prior Product
T05 Trailer Class Not Available
T06 Trailer Volume Not Available

T07 Insufficient Delivery Time
TDR Train Derailment
THT Theft
TIL Temporary Income Loss
TP2 Top Position Cannot Handle Two or More Units
TPL Top Position Cannot Handle Unit Assigned because of Length
TPT Top Position Cannot Handle Unit Assigned because of Type
TPW Top Position Cannot Handle Unit Assigned because of Width
UCD Unknown Cause of Delay
Reason and responsibility for the delay cannot be determined
UND Undetermined
VAN Vandalism
W01 Out of Stock
W02 Equipment Cut
W03 Booking Location Request
W04 On Hold
W05 Order Discrepancy
W06 Receiving Location Request
W07 Inventory Discrepancy
W08 Material Shortage
W09 Substitution
W10 Diverted Item
W11 Loading Error
W12 Inbound Carrier Failure
W13 Product Allocation Exceeded
W14 Improperly Sized Order
W15 Wrong Equipment
W16 Insufficient Equipment Space
WAD Waiting Application Delivery
WLC Weight Limit of Car Exceeded
WLT Weight Limit of Truck Exceeded
WLW Weight Limit of Well Exceeded
WTP Waiting for Proof
X10 Alternative Career Exploration
XX1 Educator in Another District
XX2 Educator in Another State
XX3 Educator Outside U.S.
XX4 Other Educational Occupation
XX5 Not Offered Reemployment
XX6 Long Term Substitute
XX7 Intra-District Transfer from Licensed Position to Nonlicensed Position
XX8 No Assignment
XX9 Staff Reduction

ZZZ Mutually Defined

642 - Week

Week expressed as year/week (CCYYWW), where week is a number between 01 and 53 inclusive

TYPE=**N0** MIN=**6** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

CMA GA

TRANSACTION SETS USED IN

290 404 410 417 422 426 858 859

643 - Lading Percentage

Commodity percentage for rating

TYPE=**N2** MIN=**2** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

N5

TRANSACTION SETS USED IN

404 410 417 426 858 859

644 - Lading Percent Qualifier

Code identifying type of lading percentage

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

N5

TRANSACTION SETS USED IN

404 410 417 426 858 859

CODE	DEFINITION & EXPLANATION
A	Coal Moisture Allowance
M	TankCar Mixture
O	TankCar Outage
S	Sand or Stone and Related Articles (Aggregates)

645 - Related Company Indication Code

Code indicating parties to a transaction TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

BA1 XH

TRANSACTION SETS USED IN

350 404 417 601 858 859

CODE	DEFINITION & EXPLANATION
N	Transaction Between Unrelated Companies
Y	Transaction Between Related Companies

646 - Quantity Shipped to Date

Number of units shipped to date TYPE=**R** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

SN1

TRANSACTION SETS USED IN

325 754 856 857 861

647 - Application Error Condition Code

Code indicating application error condition

TYPE=**ID** MIN=**1** MAX=**3**

COMPOSITE DATA STRUCTURES USED IN
C037

SEGMENTS USED IN (AS COMPONENT)
TIA

SEGMENTS USED IN (AS SIMPLE)
OID SSD SWD TED VAD

TRANSACTION SETS USED IN
126 149 151 163 204 210 211 212 214 223 245 250 424 753 754 813 824 826

CODE	DEFINITION & EXPLANATION
A	Missing or Invalid Report Type Code
B	Missing or Invalid Physical Inventory Code
C	Missing or Invalid Consignee
D	Missing or Invalid Fund Code
E	Missing or Invalid Material Condition Code
F	Missing or Invalid Management Code
G	Missing or Invalid Processing (Count) Date Code
H	Missing or Invalid Unit of Measure Code
I	Missing or Invalid Source of Supply Code
J	Missing or Invalid Purpose Code
K	Missing or Invalid Ownership Code
L	Missing or Invalid Support Request Code
M	Missing or Invalid Supply Condition Code
N	Missing or Invalid Payer Identification
O	Missing or Invalid Issuer Identification
P	Missing or Invalid Item Quantity
Q	Missing or Invalid Item Identification
R	Missing or Invalid Support Date
S	Missing or Unauthorized Transportation Mode/Method Code
T	Unauthorized Transaction Set Purpose Code
U	Missing or Unauthorized Transaction Type Code
V	Missing or Unauthorized Action Code
W	Outside Ship Window
MA	Missing or Invalid Store Number
MB	Missing or Invalid Purchase Order Number
MC	Missing or Invalid Bill of Lading Number
MD	Missing or Invalid Invoice Date
ME	Missing or Invalid Department Number
MF	Missing or Invalid Internal Vendor Number

MG Missing or Invalid U.P.C. Code
MH Missing or Invalid DUNS Number
MI Missing or Invalid SCAC
MJ Missing or Invalid Terms
MK Missing or Invalid Ship Date Location
ML Missing or Invalid Sell to Location
MM Missing or Invalid Bill to Location
MN Missing or Invalid Unit Cost
MP Missing or Invalid Non-merchandise Code
MQ Missing or Invalid Non-merchandise Cost
MR Missing GTIN (Global Trade Item Number)
MS Invalid GTIN (Global Trade Item Number)
MT Missing GLN (Global Location Number)
MU Invalid GLN (Global Location Number)
RU Rate Unverifiable
Carrier is unable to verify the rate reported by the shipper
001 Car Not in Umler
002 Car Not in Correct Status for Billing
003 Duplicate Billing
004 Invalid Commodity Code
005 Route Error
006 Duplicate
007 Missing Data
008 Out of Range
009 Invalid Date
010 Total Out of Balance
011 Not Matching
012 Invalid Combination
024 Other Unlisted Reason
The reason for the application error condition cannot be described using any other code on the standard code list
026 Customer Identification Number is Invalid
027 Customer Identification Number Does not Exist
028 Customer Identification Number and Entity Name Do not Match
029 Customer Identification Number Is Missing
036 Invalid Serial Number
101 Effective Date Too Early
102 Improper Placement of Labels
104 Item Already Exists
105 Item Marked For Delete
106 Item Not Authorized For Buyer Assigned Vendor Number
107 Missing or Invalid Location
108 Location Received Not On Order
109 Negative Value

110 Missing Marking Identification at Pack Level
111 Duplicate Purchase Order Number
112 Missing Product Description 1
113 Missing Product Description 2
114 Code Not Mapped to Application
115 Missing Code for Application
116 Retail Price Is Greater Than Suggested Retail Price
117 Sender Not Authorized To Submit Ship Notice Data For Buyer Assigned Vendor Number
118 Sender Not Authorized To Submit Ship Notice For Item(s)
119 Duplicate Shipment Identification Number
120 Ship-To Location Not Consistent With Purchase Order Ship-To
121 Duplicate SSCC (formerly known as Serial Shipping Container Code)
122 Invalid SSCC (formerly known as Serial Shipping Container Code) Range
123 Invalid SSCC (formerly known as Serial Shipping Container Code) Structure
124 Missing Marking Identification at Tare Level
125 Unscannable Labels
126 Incorrect Label Format
128 Missing Labels on Shipping Container
129 Cost Change Not Accepted
130 UCC-12 Change Not Allowed
131 Zero Value
133 Item Not Found On Purchase Order
134 Missing or Invalid Invoice Number
136 Receiving Location Not On Order
137 Allowance Errors
138 Purchase Order Closed
139 Missing or Invalid Vendor Pack Quantity
140 Missing or Invalid Ship-To Location
141 Purchase Order Cancelled
142 GTIN (Global Trade Item Number) Change Not Allowed
200 Policy Not Found or Invalid Policy Number
The insurer cannot identify the policy number.
210 Policy has Expired for Reason of Customer Request
211 Policy has Expired for Reason of Non-Payment of Premium
212 Policy has Expired for Reason of Insurance Company Cancelled
215 Loan Record Update Applied
216 Loan Record Update Applied to Line of Business
217 Loan Record Update Applied to National Association of Insurance Commissioners (NAIC) Code
218 Loan Record Update Applied to Policy Number
219 Loan Record Update Applied to Policy Expiration Date
220 Policy Number Correction
230 Lender Code Does Not Match for Delete Request
240 Policy is Found and Vehicle Identification Number is Not Found

250 Duplicate Change Requests Received in Transaction Set
280 Renewal is Forthcoming
500 Misrouted Freight Bill
801 Missing or Invalid Transaction Handling Code
802 Invalid Debit or Credit Flag Code
803 Missing or Invalid Payment Method Code
804 Missing or Invalid Payment Format
805 Missing Depository Financial Institution (DFI) Qualifier
806 Missing or Invalid Financial Institution Transit Routing Number
SEE CODE SOURCE 4
SEE CODE SOURCE 91
807 Missing or Invalid Originating Account Number
808 Missing or Invalid Receiving Account Number
809 Missing Effective Entry Date
810 Effective Payment Date is Past
811 Payment Received Too Far in Advance
812 Missing Transaction Reference or Trace Number
813 Missing or Invalid Payee Name and Address
814 Received After Cutoff Date or Time
815 Duplicate Batch
817 Duplicate Trace Number
818 Missing Control Totals
819 Control Totals Amount Error
820 Control Totals Count Error
821 Control Totals Out of Sequence
822 Transaction Set Payment Amount Error
823 Payment Pending Credit Approval
824 Payment Passed Credit Approval
825 Payment Amount Exceeds Approved Credit Limit; Refused
826 Non-Sufficient Funds in Account; Refused
827 Account Frozen
828 Account Transferred
829 Payee Deceased
830 Refused by Payee
831 Missing or Invalid Cancellation Type Code
832 Invalid Request or Cancellation Flag
833 Invalid Cancellation Request (Item Not in Financial Warehouse to Cancel)
834 Missing or Invalid Effective Payment Date
847 Closed/Non-Existent Account Number
848 Incorrect Data
849 Corrected Data
850 856 Ship Notice / Manifest and Shipment Do Not Match
851 Purchase Order and Shipment Do Not Match
852 Duplicate Group Control Number

853 Duplicate ISA Control Number
854 Invalid Hierarchical Level Structure
855 Missing Shipment Identification Code
856 Invalid Transaction Set Purpose Code
857 Missing Transaction Set Purpose Code
858 Duplicate Bill of Lading Number
859 Invalid Bill of Lading Number
Number format is invalid and/or does not match paperwork
860 Missing Bill of Lading Number
861 Invalid Package Carrier Tracking Number
Number format is invalid and/or does not match paperwork
862 Missing Packing Carrier Tracking Number
863 Invalid PRO Number
Number format is invalid and/or does not match paperwork
864 Missing PRO Number
865 Missing SCAC - Standard Carrier Alpha Code
866 Purchase Order Shipped after Purchase Order End Date
867 Purchase Order Shipped before Purchase Order Start Date
868 Invalid Transportation Method/Type Code
869 Missing Transportation Method/Type Code
870 Missing Purchase Order Number
871 SSCC in 856 Ship Notice / Manifest Not in Shipment
872 Invalid Product/Service ID Qualifier
Product/Service ID value does not conform to the Product/Service ID Qualifier .
873 Missing Product/Service ID Qualifier
874 Shipment Not Packed as Ordered
875 Item Quantity in 856 Ship Notice / Manifest Does Not Match Shipment
876 Item Quantity in 856 Ship Notice / Manifest Does Not Match Invoice
877 Item Quantity Shipped Does Not Match Invoice
878 Item Quantity Shipped Does Not Match Purchase Order
879 Invalid Unit of Measure
880 Missing Unit of Measure
881 Damaged Carton
882 Carton Does Not Meet Minimum Size
883 Carton Exceeds Maximum Size
884 Label Not to Retailer Specification
885 Label Covered Up
886 Item Label Information Does Not Match Carton Contents
887 Invalid Purchase Order Number on Label
Number format is invalid and/or does not match Buyer Purchase Order Number .
888 Invalid Store Number on Label
Number format is invalid and/or does not match existing Store Number .
889 Missing Store Number on Label
890 Overpayment

891 Underpayment
892 Payment Not Applied
893 Policy Number Modified Before Update
894 Second or Subsequent Request in Transaction
895 Rejected Due to Monthly Payment Contract
896 Set to Insured Pays Due to Monthly Payment Contract
The insurance policy status indicator is set to 'insured pays'
897 Invalid Lender Loss Payable Company
898 Commercial Rather than Personal Lines Policy
899 Policyholder Name Does Not Match
ASA Associated Authorization
Other vehicles contained on a multilevel railcar have different shipper authorized destinations than this vehicle
ASV Associated Vehicle Identification Number(s) Unknown
Other vehicles contained on a multilevel railcar are unknown to the shipper
AVE Associated Vehicle Identification Number(s) Invalid
Vehicle Identification Numbers (DE539) for other vehicles contained on a multilevel railcar fail check-digit verification
CAL Currency Calculation
The amount calculated using the specified exchange rate exceeds the maximum length of the application data field
CHK Check Being Returned
COV Conflicting Authorizations
Commodities are moving on same Freight Bill which have conflicting contract rates or terms
CUR Invalid Currency Code
Currency Code (DE100) reported is invalid
DBL Duplicate Bill of Lading Number
Carrier has reused a shippers authorization number assigned to another shipment
DDT Departure Date Invalid
The move/service date precedes the authorized date
DRC Duplicate Railcar Departure
The railcar reported has a conflicting previous departure on the same date
DTE Incorrect Date
The reported date is incorrect (e.g. premature date for transaction or non-existent date such as February 30)
DUP Duplicate Transaction
The identical transaction has been transmitted more than once within the same input file
HUG Quantity of Handling Units Shipped Greater Than the Quantity Specified
HUL Quantity of Handling Units Shipped Less Than the Quantity Specified
ICA Invalid Claim Amount
Claim Total does not equal total of claim Line Item Totals
ICG Invalid Charge Allowance Qualifier
The Charge Allowance Qualifier (DE538) reported is invalid
IDC Invalid Decline/Amend Reason Code
The Decline/Amend Reason Code (DE548) reported is invalid
IDN Invalid Department Number
IID Invalid Identification Code

IMD Invalid Railcar Type
The Equipment Description Code (DE40) reported is invalid

INC Incomplete Transaction
Optional Element(s) required by the application are missing

INF Invalid Status Code
The Vehicle Status Code (DE1094) reported is invalid

IPR Status Code Previously Reported
The status code reported has previously been processed by the receiver

IQT Invalid Quantity

IWT Invalid Weight

LOC Invalid Damage Area Code
The Damage Area Code (DE556) reported is invalid

MBL Multiple Bills of Lading
Multiple Bills of Lading have been transmitted for a 3 for 2 shipment (only one bill of lading is required)

MDN Missing Department Number

MID Missing Identification Code

MQT Missing Quantity

MWT Missing Weight

NAU Not Authorized
The move/service reported by the carrier has not been authorized by the shipper

NCL No Clearance Authorization
The vessel clearance reported by the carrier has not been authorized by the shipper

NCR No Clearance Reported
The freight bill submitted by the carrier precedes the vessel clearance

NDP No Departure Reported
The railcar arrival has been received prior to the railcar departure

NDT No Termination Date
The move/service/status change reported requires termination of a previously transmitted Vehicle Status Code (DE1094)

NIF Invalid Status Location
The location reported with the Status Code (DE1094) does not match any move/service locations authorized by the shipper

NOC Automated Clearinghouse (ACH) Notification of Change

NOD Not on Departure
Vehicle Identification Numbers reported on railcar arrival do not match Vehicle Identification Numbers reported on railcar departure

NRA No Railcar Arrival
A subsequent shipper authorized move/service has been reported prior to reported arrival of a railcar

NRS Product is Not in the Receiver's System

OTH Other
Unspecified application error

PND Pending Payment
The freight bill/invoice/waybill has previously been transmitted and is awaiting maturity of credit terms prior to payment

POI Purchase Order Number Invalid

PPD Previously Paid
The freight bill/invoice/waybill has previously been paid

PRM Primary Inspection Not Received
A Motor Vehicle Inspection Details transaction containing a Supplemental Inspection indicator (DE835) has been reported prior to the primary inspection

QTY Quantity
The number of items on the freight bill/invoice/waybill does not equal the number of unique segments which specifically identify those items

RAT No Rate Available
The shipper is unable to determine the rate for the move/service reported by the carrier

RTE Invalid Shipper's Route Code
The shippers route code reported by the carrier is invalid

RTN Automated Clearinghouse (ACH) Return Items

SCA Invalid SCAC
The Standard Carrier Alpha Code (DE140) reported is invalid

SCD Invalid Vehicle Service Code
The Vehicle Service Code (DE1062) reported is invalid

SEV Invalid Damage Severity Code
The Damage Severity Code (DE541) reported is invalid

SPL Invalid SPLC Code
The Standard Point Location Code (DE154) is invalid

STA Shipment Picked Up After the Date Specified by the Ship Window

STP Shipment Picked Up Prior to the Date Specified by the Ship Window

STR Invalid Storage Days Calculation
The number of storage days billed does not equal the difference between arrival date and departure date less grace days

TRN Turnover
The vessel clearance reported was authorized by the consignee rather than by the shipper

TYP Invalid Damage Type Code
The Damage Type Code (DE540) reported is invalid

UAU Used Authorization
The move/service reported has previously been reported as completed

UCN Unknown Claim Number
The claim number reported by the carrier is unknown to the claimant

UKN Unknown Move/Service
The move/service reported has not been mutually defined by the trading partners

UNP Invalid Unit Price

UNV Unknown Vehicle Identification Number
The reported Vehicle Identification Number (DE539) is unknown to the shipper

VIN Invalid Vehicle Identification Number
The reported Vehicle Identification Number (DE53) fails the check-digit calculation

VND Vehicle Not Departed
Storage charges have been billed prior to reported departure of a vehicle from storage

VOS Offsite Storage
Storage charges have been reported for an item known to be at another location

ZDS Zero Storage Days
The arrival and departure dates are equal, per diem storage charges have not accrued

ZZZ Mutually Defined

648 - Price Multiplier Qualifier

Code indicating the type of price multiplier TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

BPT CTP PAD PTD

TRANSACTION SETS USED IN

124 206 271 304 536 810 821 822 830 832 836 837 840 843 844 845 846 847 849 850 851 852 855 857 860 865 867 878 886 897

CODE	DEFINITION & EXPLANATION
APB	Allowed Multiplier - Billed
API	Allowed Multiplier - Invoiced
APP	Allowed Multiplier - Medicare
CSD	Cost Markup Multiplier - Original Cost
CSR	Cost Markup Multiplier - Retail Cost
DAB	Default Allowed Multiplier - Billed
DAR	Default Allowed Multiplier - Medicare
DIS	Discount Multiplier
ILP	Cost Markup Multiplier - Wholesale Cost
PSP	Percent Solution Multiplier
SEL	Selling Multiplier

649 - Multiplier

Value to be used as a multiplier to obtain a new value TYPE=**R** MIN=**1** MAX=**10**

COMPOSITE DATA STRUCTURES USED IN

C001

SEGMENTS USED IN (AS COMPONENT)

BCS ATV ATR CBS CFT CRT CSF CSS CST CSU CTB CTP EA FAA GDP III INC JID K3 LOC LTR MEA MIC MIR N12 NCA OPS PAM PD PDE PEX PL POC PRC PSC PSD PTF QTY RCD REA REC RLT RPA SII SIN SLN SPS STA TIA TRD TRF TRT UCS UIT USD

SEGMENTS USED IN (AS SIMPLE)

BPT CHR CTP PAD PTD VDI

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 130 131 132 133 135 138 139 140 141 142 143 148 149 150 151 152 153 154 155 159 160 175 176 179 180 185 186 187 188 189 194 195 196 197 198 199 200 201 202 203 204 205 206 215 219 220 228 242 245 249 251 252 255 256 259 260 261 262 263 264 265 266 267 268 270 271 272 273 274 277 280 283 284 285 286 288 290 300 301 304 310 312 325 353 355 362 404 410 412 414 417 422 423 424 426 432 436 470 500 501 503 511 517 521 527 536 540 561 568 603 620 625 650 754 805 806 810 811 813 814 816 819 820 821 822 823 824 826 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 855 856 857 858 859 860 861 862 863 865 866 867 868 869 870 872 873 874 875 876 878 880 881 883 884 886 887 888 889 890 892 894 897 940 945 996

650 - Rating Remarks Code

Code identifying the remarks related to a particular rating TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
ACD PYM TLN

TRANSACTION SETS USED IN
155 200

CODE	DEFINITION & EXPLANATION
01	Charge Off
02	Collection Account
03	Foreclosure
04	Involuntary Repossession
05	Repossession
06	Voluntary Repossession
07	Account Balance applied to Line of Credit
08	Government Claim
09	Paid Account
10	Paid Charge-off
11	Paid Collection
12	Paid Dealer
13	Paid Foreclosure
14	Paid Not as Agreed
15	Paid Repossession
16	Paid Satisfactory
17	Redeemed Repossession
18	Revolving Account - Current
19	Satisfactory
20	Satisfactory Revolving Account - Current
21	Too New to Rate
22	Unpaid Collection
24	Closed Not Paid
25	Insurance Claim
26	Partially Paid
27	Account Included in Bankruptcy
33	As Agreed
35	No Status
36	Not Paid as Agreed
37	Past Due
38	Settled
39	Unpaid
40	Card Lost

41 Account in Dispute
42 Bad Debt
43 Bill of Exchange
Order drawn by creditor on the debtor for payment of funds to a third party to settle a pre-existing debt of the creditor
44 Cash per Owner's Option
45 Credit Refused
46 Draft
Order drawn by creditor on the debtor for payment of funds to the creditor or a third party
47 Endorser
Note where payment is backed by company which endorses the note
48 First Sale
49 Insufficient Funds
50 Legal Action
51 Letter of Credit
Letter from a bank to its corresponding bank stating entity name in document can draw on the credit of the issuing bank for amount stated
52 Maturity Varies
53 Overdraft
54 Personal Guarantee
Note where payment is backed by personal guarantee of an individual or company
55 Pro Forma
56 Renegotiated Draft
Draft which was renegotiated (see draft) as to time and/or amount
57 Reopening Draft
Draft which was reopened (see draft) after closing date due to nonpayment of draft amount
58 Real Estate Tax
Experience relating payment of real estate tax
59 Secured Account
60 Suit Filed
61 Took Deduction
62 Took Excess Discount
63 Unauthorized Deduction
64 Unsatisfactory
65 Credit Cancelled
66 Credit is for Group
67 Credit Refinanced
68 Inactive Account
69 Irregular Payments
70 Long Time Client
71 No longer Clients
72 Post Dated Checks
73 All Loans Repaid
74 Long-term Loans Repaid
75 Short-term Loans Repaid

76 Support to Company to Continue
Financial institution will provide continued support to the business in terms of loans and other financial dealings
77 Closed By Consumer
78 Closed By Grantor
79 Closed
80 Protested Bill
81 Pays Within Protested Bill Grace Period
82 In Receivership
83 Agreement Under Receivership Agreement
84 High Insolvency Risk
85 Potential Risk of Non-payment
86 Possible Insolvency Risk
87 Debt Being Renegotiated
88 No Authorized Overdraft
ZZ Mutually Defined

653 - Discount Terms Type Code

Code identifying the units in which the discount will be determined, i.e., dollars, case, truckload, etc.

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

DIS

TRANSACTION SETS USED IN

840 843 850 855 860 865

CODE	DEFINITION & EXPLANATION
AMT	Fixed Amount Discount
CSH	% Discount for Cash Payment
DOR	Cash Discount per Units Ordered
DPU	Cash Discount per Units Purchased
DSH	Cash Discount per Units Shipped
DSV	Cash Discount per Service
POR	% Discount per Units Ordered
PPU	% Discount per Units Purchased
PSH	% Discount per Units Shipped
PSV	% Discount per Service
UNT	Additional Units per Units Purchased
ZZZ	Mutually Defined

654 - Discount Base Qualifier

Code identifying unit of discount, i.e., dollars, cases, alternate products, etc.

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

DIS

TRANSACTION SETS USED IN

840 843 850 855 860 865

CODE	DEFINITION & EXPLANATION
CA	Discount in Cash
PC	Discount Determined as a Percentage of the Value of the Transaction
UN	Discount Determined to be Additional Units that Are Defined by Discount Control Limit Qualifier
ZZ	Mutually Defined

655 - Discount Base Value

A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount

TYPE=**R** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

DIS

TRANSACTION SETS USED IN

840 843 850 855 860 865

656 - Discount Control Limit Qualifier

Code identifying the units of the limits for determining discount TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
DIS

TRANSACTION SETS USED IN
840 843 850 855 860 865

CODE	DEFINITION & EXPLANATION
DAT	Time Limits for Discount
DOF	Dollars of Purchase

657 - Discount Control Limit

Amount or time associated with application of the discount TYPE=**N0** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

DIS

TRANSACTION SETS USED IN

840 843 850 855 860 865

659 - Basis of Verification Code

Code indicating the basis of verification

TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)

DMG

TRANSACTION SETS USED IN

111 130 132 135 138 144 146 148 155 175 186 187 189 190 191 194 200 201 202 248 252 255 256 265 267 268 270 271 273 274 275 276 277 278 284 285 309 355 358 359 418 500 810 811 820 833 834 837 838 872

CODE	DEFINITION & EXPLANATION
1	Birth Certificate
2	Passport
3	Hospital Certificate
4	Affidavit
5	Immigration Document
6	Baptismal or Church Certificate
7	Physician's Certificate
8	Undocumented
9	Driver's License
A	Photo ID
B	Social Insurance Certificate *Canadian social insurance certificate*
C	US Passport
D	Certificate of US Citizenship
E	Certificate of Naturalization
F	Unexpired Foreign Passport with Stamp or Attached Immigration and Naturalization Service (INS) Form Indicating Unexpired Employment Authorization
G	Alien Registration Receipt Card with Photograph
H	Unexpired Temporary Resident Card
I	Unexpired Employment Authorization Card
J	Unexpired Reentry Permit
K	Unexpired Refugee Travel Document

660 - Contract Suffix

Used to identify a type of contract

TYPE=**AN** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PI

TRANSACTION SETS USED IN

404 410 414 417 422 426 433 453 456 460 466 468 486 490 494 858

662 - Relationship Code

Code indicating the relationship between entities TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

ITA SLN TCD TXI USD

TRANSACTION SETS USED IN

112 124 140 142 143 148 154 187 215 219 220 263 283 561 810 811 812 819 820 823 830 832 836 840
843 845 846 850 851 855 856 857 859 860 861 865 866 867 870 873 874 875 876 888 894 895 897 940

CODE	DEFINITION & EXPLANATION
A	Add
D	Delete
I	Included
O	Information Only
S	Substituted
U	Authorized Substitute

663 - Quantity Units Received or Accepted

Number of UnitsReceived or Accepted TYPE=**R** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

RCD

TRANSACTION SETS USED IN

527 536 844 849 861

664 - Quantity Units Returned

Number of units returned TYPE=**R** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

RCD

TRANSACTION SETS USED IN

527 536 844 849 861

665 - Residue Indicator Code

Code indicating that the material being described is that which remains in a packaging (including a tank car) after it has been unloaded

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

LH1

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 856 858 940

CODE	DEFINITION & EXPLANATION
G	Residue Last Contained Description (Small Means of Containment) SEE CODE SOURCE 52
P	Residue Last Contained Description (Packages) SEE CODE SOURCE 52
R	Residue Last Contained Description (Rail Car) SEE CODE SOURCE 52

666 - Division Type Code

Code indicating the method by which a carriers divisional agreement is applied to a shipment

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

R2C

TRANSACTION SETS USED IN

426 460 494

CODE	DEFINITION & EXPLANATION
1	Detail Level 1
2	Detail Level 2
3	Detail Level 3
4	Detail Level 4
5	Detail Level 5
6	Detail Level 6
7	Detail Level 7
8	Detail Level 8
9	Detail Level 9
A	Advances
B	Balance *The proportion of revenue a road will receive after other roads have received their division*
C	A Fixed Amount Received By a Road
D	Detail
E	Zero
F	Division Formula Factor
H	Maximum *The largest amount a road will receive*
M	Minimum *The smallest amount a road will receive*
N	No Division
P	Percent
R	Rate or Division

667 - Quantity in Question

Number of units contested because of physical condition or status of units TYPE=**R** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

RCD

TRANSACTION SETS USED IN

527 536 844 849 861

668 - Line Item Status Code

Code specifying the action taken by the seller on a line item requested by the buyer

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

ACK SN1

TRANSACTION SETS USED IN

325 754 855 856 857 861 865

CODE	DEFINITION & EXPLANATION
AA	Item Accepted - Order Forwarded to Alternate Supplier Location
AC	Item Accepted and Shipped
AR	Item Accepted and Released for Shipment
BP	Item Accepted - Partial Shipment, Balance Backordered
DR	Item Accepted - Date Rescheduled
IA	Item Accepted
IB	Item Backordered
IC	Item Accepted - Changes Made
ID	Item Deleted
IE	Item Accepted, Price Pending
IF	Item on Hold, Incomplete Description
IH	Item on Hold
IP	Item Accepted - Price Changed
IQ	Item Accepted - Quantity Changed
IR	Item Rejected
IS	Item Accepted - Substitution Made
IW	Item on Hold-Waiver Required
R1	Item Rejected, Not a Contract Item
R2	Item Rejected, Invalid Item Product Number
R3	Item Rejected, Invalid Unit of Issue
R4	Item Rejected, Contract Item not Available
R5	Item Rejected, Reorder Item as a Just in Time (JIT) Order
R6	Item Rejected, Reorder Item as an Extended Delivery Order (EDO)
R7	Item Rejected, Reorder Item as a Drop Shipment
R8	Item Rejected, Reorder Item as a Surge Order
R9	Item Discontinued *The request for this item is rejected as it is discontinued/obsolete and cannot be ordered; the item master status for this item in the submitter's database needs to be updated accordingly*
SP	Item Accepted - Schedule Date Pending

669 - Currency Market/Exchange Code

Code identifying the market upon which the currency exchange rate is based

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CUR

TRANSACTION SETS USED IN

103 105 106 107 140 141 142 143 148 159 186 187 219 251 255 256 262 273 286 304 362 412 414 424 426 433 521 805 810 811 812 814 818 819 820 821 822 823 827 830 832 835 837 838 840 843 844 845 846 847 849 850 851 852 855 856 857 860 861 865 867 870 890 920

CODE	DEFINITION & EXPLANATION
IMF	International Monetary Fund
LNF	London (England) Exchange - First Closing
LNS	London (England) Exchange - Second Closing
NYC	New York Foreign Exchange
PHI	Philadelphia Foreign Exchange
ZUR	Zurich (Switzerland) Exchange

670 - Change or Response Type Code

Code specifying the type of change to the line item TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
G92 LS1 PAD POC

TRANSACTION SETS USED IN
154 844 845 849 851 860 865 876

CODE	DEFINITION & EXPLANATION
AA	Packing Configuration
AI	Add Additional Item(s)
CA	Changes To Line Items
CB	Change of Date Terms
CC	Changes To Terms
CE	Changes To Item Level Allowance/Charges
CF	Cancel Previously Transmitted Purchase Order
CG	Changes To Total Level Allowance/Charges
CH	Change To Original Confirmation Of Original Announcement
CI	Change To Confirmation Of Revised Announcement
CT	Change of Dates
DI	Delete Item(s)
MU	(Multiple) For Unit Price Quantity Reschedule Change
NC	Concurrent Item (No Change)
OA	Original Confirmation Of Revised Announcement
OC	Original Confirmation Of Original Announcement
PC	Price Change
PQ	Unit Price/Quantity Change
PR	Unit Price/Reschedule Change
QC	Quantity Change
QD	Quantity Decrease
QI	Quantity Increase
RA	Replace Mode of Shipment
RB	Replace All Dates
RC	Reject Item Change
RE	Replacement Item
RM	Replacement Item with Modifications
RQ	Reschedule/Quantity Change
RS	Reschedule
RZ	Replace All Values *Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set*
TI	Transfer Item

671 - Quantity Left to Receive

Quantity left to receive as qualified by the unit of measure TYPE=**R** MIN=**1** MAX=**9**

TRANSACTION SETS USED IN

None

672 - Resource Authorization Code

Code identifying the resource which the buyer is authorizing the seller to commit to

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

ATH

TRANSACTION SETS USED IN

830

CODE	DEFINITION & EXPLANATION
FI	Finished (Labor, Material, and Overhead/Burden)
GS	Quantity Based Pricing Groups
LB	Labor
LM	Labor and Material
MT	Material
PQ	Cumulative Quantity Required Prior to First Schedule Period
PR	Previously Released Requirements
ZZ	Mutually Defined

673 - Quantity Qualifier

Code specifying the type of quantity

TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)

ATN CAL CTB EB FH FST FX7 GRI HSD INT IVT LN2 PAM PRC QTY REC RLT SHP SLV TOV TRF UDA

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 131 132 133 135 139 140 141 142 143 148 150 151 152 153 154 155 159
160 175 176 179 180 185 186 187 189 194 195 196 198 199 200 201 202 203 205 206 242 248 251 255
256 259 260 261 262 264 266 267 268 271 272 273 274 277 278 283 284 285 286 288 290 304 310 312
362 422 423 432 500 501 503 511 517 521 527 536 540 568 625 650 754 806 810 811 814 816 819 820
823 824 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 849 850 851
852 855 860 862 863 865 866 867 868 869 870 873 875 876 880 881 883 884 886 887 888 889 890 892
897 940 945

CODE	DEFINITION & EXPLANATION
00	Hospital/Homebound Individuals *A Type of Disability Defined by the Federal Individuals with Disabilities Education Act (IDEA)*
01	Discrete Quantity
02	Cumulative Quantity
03	Discreet Quantity - Rejected Material
04	Discrete Quantity - Rejected Material: Disposition Replacement
05	Discrete Quantity - Rejected Material: Disposition Credit
06	Discrete Quantity - Rejected Material: Disposition Pending
07	Cumulative Quantity - Rejected Material
08	Cumulative Quantity - Rejected Material: Disposition Replacement
09	Cumulative Quantity - Rejected Material: Disposition Credit
0A	Number of Hours Per Day
0B	Number of Hours Per Week
0C	Number of Months Per Year
0D	Number of Periods Per Week
0E	Expected Expenditure Quantity
0F	Number of Hours Per Year
0G	Pre-Kindergarten Students
0H	First Grade Students
0I	Second Grade Students
0J	Third Grade Students
0K	Fourth Grade Students
0L	Fifth Grade Students
0M	Sixth Grade Students
0N	Seventh Grade Students
0O	Eighth Grade Students
0P	Ninth Grade Students
0Q	Carnegie Units *One year's study time (at least 120 hours) of any one subject in secondary school as defined*

by the Carnegie Foundation for the Advancement of Teaching to help clarify college entrance requirements; a standard of measurement that represents one credit for the completion of a one-year course; 16 to 30 Carnegie units completed in a four-year period is the typical requirement for a standard high school diploma in the U.S.

0R Number of Disability Types

0S Number of Males

0T Number of Females

0U Individuals with Multiple Disabilities

0V Individuals with Serious Emotional Disturbance

0W Individuals with Speech or Language Impairment

0X Individuals with Traumatic Brain Injury

0Y Blind Individuals

0Z Deaf Individuals

10 Cumulative Quantity - Rejected Material: Disposition Pending

11 Split Quantity

12 Ship Notice Quantity

13 Collateral Requirements

14 Quantity in Float

15 Quantity in Hold Out

16 Line Thread Quantity

17 Quantity on Hand

18 Previous Week Quantity

19 Unverified Receipts

1A Original Duration (in calendar units)
The initial planned amount of time needed to complete a task or activity

1B Current Duration (in calendar units)
The current amount of time needed to complete a task or activity

1C Remaining Duration (in calendar units)
The remaining amount of time needed to complete a task or activity

1D Total Float (in calendar units)
The amount of time a task or activity can be delayed or expanded before it impacts the project end date

1E Free Float (in calendar units)
The amount of time a task or activity can be delayed or expanded without impacting on a subsequent task or activity

1F Lag (as in Lag Time - in calendar units)
The amount of time delay

1G Lead Time (in calendar units)
The amount of initial lead time

1H Started
The amount started

1I Completed
The amount finished

1J Due
The amount due to the customer

1K Time Units
The number of time units such as 8 (hours)

1L Shifts
The number of shifts for a calendar such as 3 per day

1M Time units per shift
The number of time units per shift - such as 8 (hours)

1N Scrap allowed
Amount of scrap allowed during production

1O Calendar Units
The number of calendar units such as 1 per day or 1 per week

1P Resource (Quantity) available
Resource amount such as labor hours or material dollars available for a task or activity

1Q Total Resource (Quantity)
Total amount of the resources available for the total duration of the task or activity

1R Level Resource (Quantity)
The amount of resources available for each time unit for the duration of the task or activity

1S Late
The amount that is late

1T Number of Delinquent Installments

1U Number of Loans

1V Total Number of Mortgagees

1W Total Number of Loan Detail Records

1X Prescription Effective Period
Length of time that the prescription is effective.

1Y Rate Per Day (RPD)

1Z End Of Month Inventory Prior To Ship

20 Unusable Quantity

21 Cumulative Quantity Shipped Short - Disposition Pending

22 Cumulative Quantity Shipped Short - Disposition Challenged

23 Cumulative Quantity Shipped Long - Disposition Pending

24 Cumulative Quantity Shipped Long - Disposition Challenged

25 OEM Inventory

26 Total Inventory

27 Committed Quantity

28 Quantity Available for Return

29 Projected Available Inventory

2A Commitment Period

2B Number of Borrowers

2C Number of Adjustment Periods

2D Age Nearest

2E Total Other Properties Owned and Financed

2F Age Next

2G Reconsideration Period

2H Flat Extra Premium

2I CO2 Injection Volume

2J Accounts Placed for Collection
2K Changes
2L Companies in Same Activity for a Period
2M Comparison Period
2N Departments
2O Employees Shared
2P Estimated Accounts
2Q Installed Capacity
2R Levels Occupied
2S Registered Brands Distributed
2T Electronic Signatures
2U Bytes
2V Employed at this Location
2W Segments
2X Registered Brands Manufactured
2Y Functional Groups
2Z Transaction Sets
30 Quote Quantity on Inventory
31 Additional Demand Quantity
32 Quantity Sold
33 Quantity Available for Sale (stock quantity)
34 Noncommitted Inventory on Shelf
35 Inventory on Shelf + Work in Progress
36 Distributor Inventory
37 Work In Process
38 Original Quantity
39 Shipped Quantity
3A Total Credits Accepted
3B Total Credits Rejected
3C Total Debits Accepted
3D Total Debits Rejected
3E Total Payments Rejected
3F Total Pre-advices Accepted
3G Total Pre-advices Rejected
3H Total Prenotes Accepted
3I Total Prenotes Rejected
3J Total Post-advices Accepted
3K Total Post-advices Rejected
3L Total Unidentified Transactions Rejected
3M Total Credits Received
3N Total Debits Received
3O Individuals with Noncategorical Preschool Disability
3P Total Pre-advices Received

3Q Total Prenotes Received
3R Total Post-advices Received
3S Total Debits
3T Total Credits
3V Minimum Transfer
3W Maximum Transfer
3X Speed Capacity
3Y Subcontractors
3Z Students
40 Remaining Quantity
41 Number of Batches
42 Number of Checks
43 Talk Paths
The total number of talk paths associated with the ordered port(s)
44 Number of Patient Admissions
45 Cumulative quantity on order
46 Total transactions
47 Primary Net Quantity
48 Secondary Net Quantity
49 Number of Signed Bills of Lading
4A Accounts
4B Agents
4C Authorized Shares
4D Clerks
4E Design Employees
4F Foreign Related Entities
4G Group Employees
Individuals employed by the group of companies to which the business belongs
4H Issued Shares
4I Laborers
4J Other Employee Type
4K Part Time Employees
4L Related Entities
4M Relatives Employed
4N Salespersons
4O Space Occupied
4P Special Partners
4Q Suppliers' Credit
4R Technicians
4S Trainees
4T Warehouse Employees
4U Shareholders
4V Available Units
4W Total Unduplicated Headcount

4X Meals Per Week
4Y Programs Offered
4Z Typical Credit Hours Taken per Graduate Student (Full Time)
50 Number of Copies of Bill of Lading
51 Number of Unsigned Bills of Lading
52 Number of Originals
53 Original payment item count.
54 Bank reject item count.
55 Net to pay item count.
56 Minimum Contract Quantity
57 Minimum Order Quantity
58 Payment Cancellation Item Count
59 Individuals with Developmental Delay
5A Aggregate Benefit Period
5B Anticipated Length of Service
5C Approval/Offer Duration
5D Benefit Amount
5E Benefit Period
5F Brothers Deceased
5G Brothers Living
5H Children
5I Citations
5J Claim Period
5K Coverage
5L Elimination Period
5M Elimination Period - Accident
5N Elimination Period - Sickness
5O Employees - Nonowner
5P Employees - Owner
5Q Employees - Part Time
5R Employees - Same Duties
5S Employees - Same Occupation
5T Expense
5U Frequency
5V General Elimination Period
5W Guarantee Period
5X Height
5Y Hours Flown - Aircraft Type/Life
5Z Hours Flown - Aircraft Type/Period
60 Total Authorized Quantity
61 Remaining Authorized Quantity
62 Number of Days Covered by Inventory
63 On Order Quantity

64 Past Due Quantity
65 Previous Month's Usage
66 Minimum Fabrication Quantity
67 Minimum Ship Quantity
68 Maximum Number of Shipments Allowed
69 Incremental Order Quantity
6A Hours Flown - Aircraft/Type Flying
6B Hours Flown - Lifetime
6C Hours Flown - Type Flying
6D Impairment Duration
6E Impairment Frequency
6F Installment Frequency
6G Installments
6H Intended Change Time Period
6I Interim Term Period
6J Involvement Period
6K Loan Rate
6L Maximum Age
6M Maximum Benefit Period - Accident
6N Maximum Benefit Period - Sickness
6O Maximum Benefit Period
6P Medication Duration
6Q Minimum Age
6R Own Occupation Qualification Period
6S Owner's Equity
6T Ownership Change Age
6U Ownership Duration
6V Ownership Percentage
6W Payment Frequency
6X Payments Number
6Y Arrests
6Z Placement Period Expiration
70 Maximum Order Quantity
71 Educable Mentally Retarded Individuals
72 Minimum Stock Level
73 Maximum Stock Level
74 Damaged Goods
75 Receipts
76 Returns
77 Stock Transfers In
78 Stock Transfers Out
79 Billing Unit(s) Per Pricing Unit
7A Previous Benefits

7B Qualification Period
7C Range Average
7D Range Maximum
7E Range Minimum
7F Relationship Duration
7G Replaced Amount
7H Residence Duration
7I Sisters Deceased
7J Sisters Living
7K Time Frame
7L Time in Country
7M Time Since Hospitalization
7N Time Since Last Application
7O Time Since Last Civilian Flight
7P Time Since Last Insurance Medical
7Q Time Since Last Military Flight
7R Time Since Medical Consult
7S Time Since Medication End
7T Time Since Medication Start
7U Time Since Onset
7V Time Since Surgery
7W Time Since Trip
7X Travel Frequency
7Y Travel Period
7Z Trip Duration
80 Pricing Unit(s) Per Billing Unit
81 Prepaid Quantity Shipped
82 Prepaid Quantity Not Shipped
83 Submitted Quantity Sold
84 Submitted Quantity Returned
85 Lot Size
86 Nonconformance Quantity
87 Quantity Received
88 Beds
89 Operating Beds
8A Visitation Frequency
8B Weight
8C Weight Change Period
8D Work Period
8E Existence Limit Period
8F Shares
8G Directors
8H Minimum

8I Voting Shares Held
8J Outstanding Shares
8K Shares Held as Treasury Stock
8L Shares Subscribed but Not Issued
8M Total Shares of Stock
8N Shares Owned by In-State Residents
8O Shares Owned by Out-of-State Residents
8P Partners
8Q Land Holding
8R Non-Domestic Stockholders
8S Shares Subscribed
8T Maximum Number Free Miles
8U Typical Credit Hours Taken per Undergraduate Student (Full Time)
8V Typical Credit Hours Taken per First-Professional Student (Full Time)
8W Full-time Equivalents
8X Total Credit Hours
8Y Total Non-Credit Hours
8Z Total Contact Hours
90 Acknowledged Quantity
Network Recognition for message receipt
91 Additional Usage Quantity
The amount of usage incurred above the allotted or allowable use for a service
92 Allotted Usage Quantity
The amount of allowable usage related to a service
93 Attendant-Handled Quantity
Manual Recognition for message receipt
94 Billable Quantity
Number of billable units used
95 Data Storage Quantity
Number of storage units used
96 Non-Billable Quantity
Number of non-billable units
97 Non-Urgent Delivery Quantity
Number of units delivered in non-urgent status
98 Overflow Quantity
Number of overflow messages, (Busy condition count for 800 service)
99 Quantity Used
Quantity of units used
9A Time Expended
9C Primary Meter Reading Value
9D Engineered Standard
9E Active Maintenance Time
9F Actual Duration
9H Estimated Duration
9J Gross Estimate

9K Finish Offset
9L Start Offset
9M Picture Count
9N Component Meter Reading Count
9P Total Clock Hours
9R Enrollees
9S Total Days Submitted
9V Total Days Approved
9W Quantity of Exhibits Requested
Identifies the number of exhibits requested. In the DoD, exhibits are defined as defective items.
A0 Severely Mentally Retarded Individuals
A1 Acceptable Unserviceable Quantity
Indicates what portion of the total requested quantity may be accepted in an unserviceable condition
A2 Optimistic Duration
Best case amount of the time needed to complete a task or activity
A3 Most Likely Duration
Most likely amount of time needed to complete a task or activity
A4 Pessimistic Duration
Worst case amount of time needed to complete a task or activity
A5 Adjusted Quantity
A6 Accidents
A7 Years in School
A8 Number of Dependents
A9 Years on Job
AA Unacknowledged Quantity
Message received without network, or attendant recognition
AB Urgent Delivery Quantity
Number of units delivered in urgent status
AC Voice Storage Quantity
Number of voice storage units used
AD Maintenance Units
Number of units of maintenance provided
AE Minimum Average Time Requirement (MATR) Units
Number of units calculated at a minimum usage rating basis, such as X minutes per message
AF Wide Area Telephone Service (WATS)/800 Service Units
Number of units of usage, for WATS or 800 service
AG Number of End Users
Number of participating users
AH Number of Message Recipients
Number of recipients
AI Number of Operator Credits
Number of operator credits given
AJ Daily Adjustments

AK Years in this Line of Work/Profession
AL Area per Units
AM Trainable Mentally Retarded Individuals
AN Age at Death
AO Verified Receipts
AP Order Quantity Multiple
Product must be ordered in multiples of a number
AQ Contribution Total
AR Loan Repayment Total
AS Participant Total
AT Actual
AU Cumulative Actual
AV Budget
AW Cumulative Budget
AX Number of Insured Lives
AY Forecast
AZ Forecast at Complete
B1 Number of Mortgagors
B2 Mortgage Pool Count
B3 Requested Amount
B4 Approved Amount
B5 Additional Amount
B6 Pre-op Days
B7 Post-op Days
B8 Average
B9 Period Beginning Imbalance Quantity
BA Due-In
An anticipated receipt quantity
BB Contractor Cumulative to Date
BC Budget At Complete
BD Contractor at Complete
BE Subcontractor Cumulative to Date
BF Age Modifying Units
Anesthesia modifying units requested for anesthesia complicated by extreme age of patient, under one year or over seventy years
BG Subcontractor at Complete
BH Book Order Quantity
BI Book Inventory
BJ Bedroom Count
BK Bathroom Count
BL Betterment Hours
BM Depreciation Hours
BN System Adjusted Hours
BO User Adjusted Hours

BP Period Ending Imbalance Quantity
BQ Backorder Quantity
BR Blood Record
BS Cumulative Beginning Imbalance Quantity
BT Cumulative Current Period Imbalance Quantity
BU Cumulative Prior Period Adjustment
BV Cumulative Ending Imbalance Quantity
BW Birth Weight
BX Current Period Imbalance Quantity
BY Production Delivery Quantity
The production quantity delivered to a location
BZ Entitlement Quantity
The quantity to which each party is entitled
C0 Creditors
C1 Payment Experiences in Last 12 Months
C2 Payment Experiences in Last 3 Months
C3 Area Damaged
C4 Other Unlisted Stockholders
C5 Other Unlisted Participants
C6 Minutes
CA Covered - Actual
Days covered on this service
CB Closing Statement Balance
CC Current Days on Market
CD Co-insured - Actual
CE Covered - Estimated
Estimated days covered on this service
CF Co-insured - Estimated
CG Cumulative Gas Volume
Oil and gas production volume from well completion to current reporting period
CH Cumulative Effect of Prior Period Adjustment
CI Cumulative Gas Injection Volume
Amount of gas injected into an oil well since well completion to displace liquid volumes in the reservoir and stimulate production
CL Cumulative Liquid Injection Volume
Amount of liquid injected into a gas well since well completion to displace gas volumes in the reservoir and stimulate production
CM Number of Components
CN Continuance Duration
CO Cumulative Oil/Condensate Volume
Volume of crude oil and natural gas condensate produced from a well or property since well completion
CP Current Period Imbalance
CR Certified Registered Nurse Anesthetist (CRNA) Number of Concurrent Procedures
CS Current Service Life

CW Cumulative Water Volume
Volumes of water and brine produced from a well or property since well completion

CY Convictions Sent

CZ Total Number of Convictions

D0 Engineers

D1 Billed

D2 Executives

D3 Number of Co-insurance Days

D4 Field Workers

D5 Installers

D6 Members in Group

D7 Non-Consolidated Total-Domestic Subsidiaries

D8 Non-Consolidated Total-Foreign Subsidiaries

D9 Non-Union Employees

DA Dependent's Age

DB Deductible Blood Units
Amount of blood units not reimbursed due to plan deductible limits

DC Dependent Count

DD Distributed

DE Debited

DF Deleted

DG Gas Used for Drilling

DH Maximum Benefit Period Accident to Age

DI Disposed

DJ Maximum Benefit Period Sickness to Age

DK Airline Attendants

DL Companies Included in Consolidation

DM Total Consolidated Domestic Subsidiaries

DN Default Notification Response Period

DO Days Operated
Number of days a well or well equipment is in use

DP Days Produced
Number of days a well actively produced oil or gas since well completion or during a specific month

DQ Total Consolidated Foreign Subsidiaries

DR Direct Workers

DS Dose

DT Dependent Total

DU Counter Clerks

DV Design Capacity
The amount or number that an item or process is designed to accommodate

DW Domestic Affiliated Companies

DX Drivers

DY Days

DZ Employed at Location

E1 Course Segments
The number of CRS segments in the original transaction set being referenced

E2 Degree Segments
The number of DEG segments in the original transaction set being referenced

E3 Employed on this job

E4 Employed in this Profession

E5 Employed by this Company

E8 Number of Entitled Exemptions

E9 Number of Withholding Exemptions

EA Exclusive Uses

EB Nonexclusive Uses

EC Use of Extracorporeal Circulation
Anesthesia modifying unit requested for anesthesia complicated by extra-corporeal circulation heart pump oxygenator bypass or pump assist which is not a usual part of the surgical procedure

ED Domestic Uses

EE Small Business Uses

EF Nurses

EG Office Workers

EH Paid in Common Shares

EI Paid in Preferred Shares

EJ Pilots

EK Plant Workers

EL Principals Included as Employees

EM Emergency Modifying Units
Anesthesia modifying units requested for anesthesia complicated by emergency conditions; an emergency is defined as existing when delay in treatment of the patient would lead to a significant threat to life or body part

EN Suppliers

EO Teachers

EP Product Exchange Amount

EQ Equity Security Holder

ER Estimated Remaining Economic Life

ES Ending Stock

ET Employee Total

EU Total Consolidated Subsidiaries

EV Total Non-Consolidated Subsidiaries

EW Evaporated Water

EX Union Employees

EY Ported Telephone Lines
The quantity of telephone lines for which local telephone service is provided by a different local service provider

EZ Service Resale
The quantity of lines, circuits, trunks, etc. involved in this order

F0 Total claims with skin diseases or disorders
F1 Off Lease Fuel
F3 Total deaths as a Result of Injury
F4 Total deaths as a Result of Illness
F5 Total injury Claims with Days Away from Work or Restricted Work Activity
F6 Total injury Claims with Days Away from Work
F7 Total injury Claims without Lost Work Days
F8 Total Days Away from Work Due to Injury
F9 Total Days with Restricted Work Activity Due to Injury
FA Full Baths
FB Furnished Blood Units
FC Fuel Consumed or Burned Amount
FD Vehicular Radios
FE Portable Radios
FF Flare or Flash
FG Marine Radios
FH Pagers
FI Conventional Mobiles
FJ Trunked Channels
FK Mobile Loading Allocation
FL Units
FM Aircraft Radios
FN Total Claims with Dust Diseases of the Lungs
FO Total Claims with Respiratory Conditions Due to Toxic Agents
FP Total Claims with Poisoning Illnesses
FQ Total Claims with Disorders Due to Physical Agents
FS Gas Used for Fuel System
FT Forecast to Complete
FU Total Claims Associated with Repeated Trauma
FV Total illness Claims with occupational illnesses not otherwise classified
FW Total Days Away from Work Due to Illness
FX Total Days of Restricted Work Activity Due to Illness
FY Total illness with Lost Work Days or Restricted Work Activity
FZ Total illness Claims with Days Away from Work
G0 Discharge Quantity
G1 Estimated Discharge Quantity
G2 Estimated Transfer Quantity
G3 Excursions
G4 Non-production Quantity
G5 Number of Deaths
G6 Number of Hospitalizations
G7 Number of Injuries
G8 Number of Injuries Requiring Medical Treatment

G9 Number of People Evacuated
GA Gross Building Area
GB Gross Annual Income Multiplier
GC Gross Living Area
GD Total illness Claims without Lost Work Days
GE Original Term In Years
GF Years Remaining
GG Average Number of Employees
GH Total Worked by All Employees
GI Gas Injection Volume
Volume of gas injected into an oil well to displace liquid volumes in the reservoir and stimulate production on a monthly basis
GL Gas Lift Volume
Volume of excess gas produced from the well and reinjected to lift liquids such as oil and condensate from the well bore
GM Episode
GN Period(s)
GO Session(s)
GP Gross Production
GQ Government Reporting Quantity
GR Gas Receipt Volume
GS Gas Sold
GT Grade Transfer Amount
GU Employee Total First Month of Quarter
GV Gas Volume
Reported volume of natural gas
GW Employee Total Second Month of Quarter
GX Employee Total Third Month of Quarter
GZ Active Listings
H0 Number of People Sheltered-in-Place
H1 Quantity Recovered
H2 Quantity Recycled
H3 Quantity Released
H4 Quantity Treated
H5 Total Hazardous Waste Generated
H6 Operational Quantity
H7 Penalty Variance Quantity
H8 Allocated Quantity
H9 Scheduled Quantity
HA Market Price Change
Expressed in time (i.e., months or years)
HB Unpaid
HC Branches
HD Subsidiaries

HE Age of Financial Information
HF Invoices
HG Financial Coverage Period
HH Maximum Number of Employees at Location
HI Previous Number of Accounts
HJ Collection Period
HK Disbursement Period
HL Seats
HM Use of Hypothermia
Anesthesia modifying units requested for anesthesia complicated by total body hypothermia
HN Previous Number of Employees
HO Use of Hypotension
Anesthesia modifying units requested for anesthesia complicated by utilization of controlled hypotension
HP Use of Hyperbaric Pressurization
Anesthesia modifying units requested for anesthesia complicated by use of hyperbaric pressure
HQ Kindergarten Students
HR Use of Hypertension
HS Hours
HT Employee's Age
HU Employee's Number of Days Away from Work Due to Injury
HV Employee's Number of Days of Restricted Work Activity Due to Injury
HW Employee's Total Number of Days Away from Work Due to Illness
HY Total Death Claims
HZ Total Claims with Days Away from Work
I0 Tenth Grade Students
I1 Eleventh Grade Students
I2 Twelfth Grade Students
I3 Prior Teaching Experience
I4 Prior Full-time Teaching Experience
I5 Prior Part-time Teaching Experience
I6 Prior Experience in Education
I7 Prior Full-time Experience in Education
I8 Prior Part-time Experience in Education
I9 Prior Experience Related to Job
IA Local Country Employees
IB Foreign Employees
IC Prior Full-time Experience Related to Job
ID Prior Part-time Experience Related to Job
IE Total Prior Experience
IF Total Full-time Prior Experience
IG Total Part-time Prior Experience
IH Total Years of Educational Service

II Number of Irregular Interest Payments
IJ Total Years of Educational Service in this District
IK Years of Experience as School Principal
IL Years of Experience as Classroom Teacher
IM Years Worked for this System
IN Indirect Workers
IP Number of Interest Payments
IQ In-Transit Quantity
IS Information Provider Standardized Motor Vehicle Penalty Points
IT Intertank Transfer Amount
J0 Ending Storage Balance
The gas quantity in storage for the contract as of the ending flow date and time
J1 Location Ending Storage Balance
The gas quantity in storage for the contract and location as of the ending flow date and time
J2 Location Ending Storage Balance - Firm
The firm gas quantity in storage for the contract and location as of the ending flow date and time
J3 Location Ending Storage Balance - Interruptible
The interruptible gas quantity in storage for the contract and location as of the ending flow date and time
J4 Maximum Available Daily Injection Quantity
The maximum daily quantity of gas available for injection as of the ending flow date and time
J5 Maximum Available Daily Withdrawal Quantity
The maximum daily quantity of gas available for withdrawal as of the ending flow date and time
J6 Minimum Required Daily Injection Quantity
The minimum daily quantity of gas required to be injected as of the ending flow date and time
J7 Minimum Required Daily Withdrawal Quantity
The minimum daily quantity of gas required to be withdrawn as of the ending flow date and time
JA Activity Codes
Number of activity codes assigned to company's activities
JB Associates
JC Average Employees
Average Number of Employees over a period of time
JD Cooperative Shares
JE Estimated Employees at Location
JF Estimated Total Employees
Approximate number of total employees of a company at current time
JG Financial Institutions
JH Judgments
JI Land Size
JJ Liens
JK Minimum Employees at Location
JL Office Size

JM Owner
JN Plant Size
JO Previous Number of Branches
JP Protested Bills
JQ Suits
JR Uniform Commercial Code (UCC) Filings
JS Judicial Stay Duration
JT Warehouse Size
JU Total Days Away from Work
JV Total Days of Restricted Work Activity
JW Total Claims without Days Away from Work and without Restricted Work Activity
JX Secretaries
JY Mechanics
JZ Auditors
K1 Messengers
K2 Primary Managers
K3 Participation Shares
Term in Latin America and Europe to quantify the number of shares held by a partner in a Limited Partnership
K4 Detrimental Legal Filings
K5 Petitions Filed
K6 Drafts
K7 Business Failure National Average Incidence
Number of firms in country that discontinued operations with loss to creditors
K8 Business Failure Industry Incidence
Number of firms in a specific industry that discontinued operations with loss to creditors
K9 Business Failure Class Incidence
Number of firms in a specific class that discontinued operations with loss to creditors
KA Estimated
The quantity shown is an estimated quantity
KB Net Quantity Increase
The resultant quantity represents a net increase to a previously transmitted quantity, after adjustments have been made
KC Net Quantity Decrease
The resultant quantity represents a net decrease to a previously transmitted quantity, after adjustments have been made
KD Expenditure Quantity
KE Originals
KF Duplicates
KG Completed Line Items
KH Completed Contracts
KI Active Contracts Delinquent-Buying Party Caused
KJ Active Contracts Delinquent
KK Active Contracts Delinquent-Contractor Caused
KL Active Contracts Delinquent-Unknown Causes

KM Active Line Items Delinquent
KN Active Line Items Delinquent-Buying Party Caused
KO Active Line Items Delinquent-Contractor Caused
KP Active Line Items Delinquent-Unknown Causes
KQ Contracts Completed Delinquent-Buying Party Caused
KR Contract Completed Delinquent-Contractor Caused
KS Contracts Completed Delinquent-Unknown Causes
KU Reported Deficiencies
KV Line Items Completed Delinquent-Buying Party Caused
KW Line Items Completed Delinquent-Contractor Caused
KX Line Items Completed Delinquent-Unknown Causes
KY Corrective Action Requests-Verbal
KZ Corrective Action Requests-Written
L2 Guarantee Fee Buyup Maximum
L3 Contract Buyup
L4 Contract Buydown
L5 Guarantee Fee Rate after Alternate Payment Method
L6 Guarantee Fee Rate after Buyup or Buydown
L7 Buyup or Buydown Rate per Basis Point
L8 Location Net Capacity
L9 Subject to loss or elimination
LA Life-time Reserve - Actual
Medicare hospital insurance includes extra hospital days to be used if the patient has a long illness and is required to stay in the hospital over a specified number of days; this is the actual number of days in reserve
LB Loss Allowance
LC Late Payment Period
LD Limit Value
Additional information for gas allocated to allow limitation of variance on a transaction
LE Life-time Reserve - Estimated
Medicare hospital insurance includes extra hospital days to be used if the patient has a long illness and is required to stay in the hospital over a specified number of days; this is an estimate of the number of days in reserve
LG Loss or Gain
LH Lost Gas
LI Liquid Injection Volume
Volume of liquids injected into a gas well to displace gas volumes in the reservoir and stimulate production on a monthly basis
LK Corrective Action Requests-Method C
LL Corrective Action Requests-Method D
LM Corrective Action Requests-Method E
LN Aged Active Line Items Delinquent-Contractor Caused
LO Lost Oil
LP Lease Periods
LQ Aged Line Items Delinquent

LR Aged Line Items Completed-Contractor Caused
LS Oil Condensate Sold
LT Tariff Loss Allowance
LU Lifetime Reserve Days - Applied to this Claim
Medicare hospital insurance includes extra hospital days to be used if the patient has a long illness and is required to stay in the hospital more than a specified number of days; this is the actual number of days used for this claim
LV Oil/Condensate Volume
Volumes of crude oil and natural gas condensate produced from a well or property for a specific month
LW Lost Work Time Actual
LX Lost Work Time Estimated
LY Length of Residency
LZ Lanes
M1 Matching Equipment
M2 Maximum
M3 Total Federal Points
Points assigned for the expected number of Federal offices on an election ballot which are used to determine the allocation of shared expenses between campaigns for federal and non-federal elected offices
M4 Contributions
M5 Contributors
M6 Endorsers
M7 Functions
M8 Guarantors
M9 Points
MA Miscellaneous Allowance
MB Number of Public Officials
MC Total Non-Federal Points
Points assigned for the expected number of non-Federal offices on an election ballot which are used to determine the allocation of shared expenses between campaigns for federal and non-federal elected offices
MD Million Dollar Roundtable Credits
ME Minimum Number of Employees
MF Manufactured
MG Pledges
MH Total Points
MI Miles
MJ Attendees
MK Tickets Sold
ML Total Number of Manifest Lines
SEE CODE SOURCE 350
MM Maximum Maturity Extension
MN Month
MO Minimum Order Package Level
MP Total Number of Maps in a Pack

MQ Maximum Ship Quantity

MR Quantity of next lower level trade item
The number of units in the trade item. Example: A case of peas (current trade item) has 24 cans = quantity of next lower trade item

MS Measured Quantity

MT Resterilization Maximum

MU Recommended Number of Uses

MV Total Units
Total Units refers to the number of consumer items contained in this packaging level (in the current GTIN); Total Units is required for all product types greater than the consumer item (i.e. inner, case, pallet); also referred to as the retail pack

MX Maximum Number of Employees

MY Stacking Factor
Indicates the number of levels the product may be stacked.

MZ Component Quantity
The quantity of packaging needed for a product.<

N1 Number of Attacks or Occurrences

N2 Number of Dead

N3 Number of Living

N4 Number of Times

N5 Minimum Forecast Quantity

N6 Maximum Forecast Quantity

N7 Requested Receipt Quantity

N8 Requested Delivery Quantity

NA Number of Non-covered Days

NB Number of Units (Housing)

NC Number of Claimants

ND Number of Late Charges

NE Non-Covered - Estimated

NF Number of Full-Time Employees

NG Number of Nonsufficient Fund Items

NH Noncovered - Actual

NL Number of Levels

NN Number of Hospitals

NO Number of Physicians

NP Number of Members

NQ Number of Franchisees

NR Not Replaced Blood Units

NS Number of Stations
Number of stations, or terminating points, which are in use, deleted, added, etc. for service delivery; ports or lines on a computer, for example

NT Reports

NU Since Last Travel

NV Net

NW Until Next Travel

NX Quantity of next lower level trade item
O1 Scheduled Receipt
O2 Scheduled Delivery
O3 Operational Receipt
O4 Operational Delivery
O5 Allocated Receipt
O6 Allocated Delivery
O7 Distributed Confirmed Receipt
O8 Distributed Confirmed Delivery
O9 Scheduling Tolerance Receipt
OA Scheduling Tolerance Delivery
OB Energy
OC Order Count
OD Other Miscellaneous Disposition
OE Number of Weeks Per Year
OF Off Premise Sales Quantity
OG Other Gas Disposition
OH Other Injection Volume
OI Opening Statement Balance
OJ Order Sizing Factor
A trade item specification other than gross, net weight, or cubic feet for a line trade item or a transaction, used for order sizing and pricing purposes. For example, factors may be used to cube a truck, reflecting different weights, and dimensions of trade item.
OL Original Loan Term
ON On Premise Sales Quantity
OO Other Oil Condensate Disposition
OQ Optimum Order Quantity
OR Original
OT Number of Operating Periods at Failure
A measurement of the elapsed time or usage before equipment failure occurred
OU Outlier Days
OV Overage
OW Other Water Disposition
P1 Project Phases
P3 Physical Status III
Anesthesia modifying units requested for Physical Status III patient, as defined by the American Society of Anesthesiologists
P4 Physical Status IV
Anesthesia modifying units requested for Physical Status IV patient, as defined by the American Society of Anesthesiologists
P5 Physical Status V
Anesthesia modifying units requested for Physical Status V, as defined by the American Society of Anesthesiologists
P6 Number of Services or Procedures
P7 Prescription Dosage

P8 Prescription Frequency
P9 Number of People Living at Residence
PA Pipeline Adjustment or Allowance
PB Pressure Base
PC Prior Cumulative Imbalance
PD Payment Duration Weeks
PE Period of Employment
PF Gas Used for Plant Fuel
PG Persistency
PH Promotional
PK Parking Spaces
PL Partial Baths
PO Percentage of Ordered Quantity
Owners of fabric that have third parties finish their fabric must have a way to convey on the purchase order the quantities of various levels of quality acceptable; i.e. 80% first, 10% second, 8% off quality, 2% unmerchantable
PP Purchase of Product
PQ Cumulative Quantity Required Prior to the First Scheduled Period
PR Requirement Quantity that was Previously Released
PS Prescription
PT Patients
PW Pitted Water
PX Prior Units Accepted
PY Paid
Q1 Minimum quantity to which tax rate applies
Q2 Maximum quantity to which tax rate applies
Q3 Quantity Earned
Q4 Quantity Carried Forward
Q5 Number of 3 to 4 Year Olds
Q6 Autistic Individuals
Q7 Deaf-blind Individuals
Q8 Hearing Impaired Individuals
Q9 Mentally Retarded Individuals
QA Quantity Approved
Quantity allowed by the company processing the claim
QB Quantity Dispensed
Number of refills given
QC Quantity Disapproved
QD Quantity Delivered
QE Quantity Deferred
Quantity required for orders, but not reserved
QF High Fabrication Authorization Quantity
The highest quantity of material authorized for production
QH Quantity on Hold
Product which cannot be shipped at the present time for any reason, exclusive of damaged

quantity

QI Community Service Duration

QJ Number of Times Deported

QK Quantity of Inner Packs
The quantity of consumer units contained in the unmarked inner pack.

QL Jail Sentence Duration

QM Probation Duration

QN Restriction Duration

QO Operating Quantity

QP Quantity by Position

QQ Suspended Duration

QR High Raw Material Authorization Quantity
The highest quantity of raw material or purchased components in their original state authorized to be secured for production

QS Quantity Per Skid

QT Plant Thermal Reduction

QU Quantity Serviced

QV Quantity Cancelled

QW Quantity Withdrawn

QX Qualifying Weeks

QY Repayment Plan Term

R1 Replenishment (Fill)

R2 Individuals with Orthopedic Impairment

R3 Estimated Remaining Physical Life

R4 Individuals with Specific Learning Disability

R5 Axles

R6 Platform Count

R7 Individuals with Visual Impairment

R8 Individuals with Other Health Impairment

R9 Fuel

RA Refills Authorized
Number of times a drug prescription may be refilled

RB Replaced Blood Units

RC Number of Items Authorized at Store

RD Number of Items Authorized at Warehouse

RE Gas Returned to Earth

RF Number of Items in Stock

RG Gas Used for Repressuring or Pressure Maintenance

RH Number of Shelf Tags

RJ Quantity Available on Shelf

RL Gas Returned to Property for fuel

RM Room Count

RN Units Rented

RP Retail Demand Quantity

RQ Royalty
RS Number of Shelf Facings
RT Retail Sales Quantity
RW Water Re-injected on Property
RY Requirement Quantity
S1 Planned Unit Development (PUD) Units
S2 Rooms, Finished Area Above Grade
S3 Dwelling Area
S4 Garage or Carport Area
S5 Units for Sale
S6 Gross Rent Multiplier
S7 Age, High Value
S8 Age, Low Value
S9 Bedrooms, Finished Area Above Grade
SA Shipments
SB Solicited
SC Bathrooms, Finished Area Above Grade
SD Criminal Sentence Duration
SE Gross Living, Finished Area Above Grade
SF Site
SG Swan-Ganz
Anesthesia modifying units requested for the insertion of a Swan-Ganz catheter attendant to the administration of anesthesia
SH Shortage
SI Rooms
SJ Area of Level
SK Gas Shrinkage
SL Predominate Age
SM Minimum Criminal Sentence Duration
SN Age
SO Oil Sedimentation
SP Days Supply
Estimate of the number of days the supply will last
SQ Product Sales Amount
SR Effective Age
SS Shares of Preferred Stock
ST Standard
SU Forecasted Scanned Quantity
SV Shares of Common Stock
SW Sample Amount
SX Maximum Criminal Sentence Duration
SY State or Province Motor Vehicle Penalty Points
SZ Seasonal
T1 Time Units Known

T2 Time Units Spent on Duty
T3 Total Days on Market
T4 Total Rooms
T5 Total Number of Units
T6 Total Number of Units for Sale
T7 Tires
TA Tank Allowance
TB Oil Theft
TC Total at Complete
TD Total to Date
TE Number of Theatres
TG Total Gas Injection Volume
TH Theoretical Quantity
TI Total Oil and/or Condensate Injection Volume
TJ Duration in Current Job
TK Total Oil and/or Condensate Disposition
TM Total Water Disposition
TN Total Beginning Inventory
TO Total
TP Time in Position
TQ Total Quantity of All Buys
Equals the total of all price break, life of type, and minimum quantity buys
SEE CODE SOURCE 940
TR Trips
Number of trips in the ambulance
TS Total Number of Parking Spaces
TT Total Production Volume
TU Total Adjustments Volume
TV Total Gas Disposition
TW Total Water Injection Volume
TX Total Ending Inventory
TY Total Sales Volume
U1 Freelance Collectors
U2 Branch Locations Owned
U3 Branch Locations Leased
UA Units Completed
UB Poultry
UC Livestock
UD Passengers
UE Trainers
UF Operators
UG Gas Used on Property
UH Inspectors
UI Collectors

UJ Professionals
UK Supervisors
UL Approximate Number of Units for Sale Projected
UM Administrators
UN Promoters
UO Oil Condensate Used on Property
UP Divisions
UQ Tables
UR Fuel Pumps
US In-Use
UT Machines
UU Used
UV Trademarks Used
UW Available for Cultivation
UX Foremen
UY Travelling Employees
UZ Freelance Salespersons
V1 Retention Quantity
V2 Available Quantity
V3 Transfer Quantity
V4 Surveys in Average Rating
V5 Vacancies
V8 Unsubscribed Capacity
Unsubscribed firm capacity available from the transportation service provider
V9 Shipping Container Quantity
The number of units within the shipping container. Example 24 (cans).
VA Volume Shrinkage Adjustment or Allowance
VB Blank Votes
VC Cumulative Earned Value
The cumulative sum of the value of completed work or completed portions of work effort expressed in quantity units, typically hours
VD Scattered Votes
Write-in votes that receive less than a jurisdictionally specified proportion of the total vote
VE Earned Value
The value of completed work or completed portions of work effort expressed in quantity units, typically hours
VF Federal Votes
Ballots cast pursuant to 42 United States Code (USC) 1973, Paragraph ff-6
VG Gas Vented
VH Schedule Variance
The difference between the budget planned for a task and the earned value (work accomplished for the task), typically represented in hours
VI Cumulative Schedule Variance
The cumulative sum of the difference between the budget planned for a task and the earned value (work accomplished for a task), typically represented in hours

VJ Cumulative Variance
The difference between the actual numbers for a task and the earned value (work accomplished for the task), typically represented in hours

VK Estimate at Complete
Estimate of the effort required to complete a task or project, typically represented in hours

VL At Complete Variance
Difference between the budget at complete and the estimate at complete, typically represented in hours

VM Variance Adjustment
Adjustment made to a variance to reflect other factors in measuring completed work, or estimate of effort needed to complete work, typically represented in hours

VN No Votes

VP Presidential Votes
Ballots cast pursuant to 42 United States Code (USC) 1973, Paragraph aa-1

VQ Utilization Service Life

VR Variance

VS Visits

VT Votes

VU Recommended Service Life

VV Void Votes

VW Shelf Life Period

VY Yes Votes

W0 Bankruptcy Petitions

W1 Buyers

W2 Debentures

W3 Debentures Filed against Directors

W4 Detrimental Legal Filings against Directors

W5 Failed Businesses of Directors

W6 Professors

W7 Sellers

W8 Skilled Workers

W9 Trademarks Represented

WA Total number of Workers' Compensation First Reports

WB Total number of Workers' Compensation Subsequent Reports

WC Total number of Workers' Compensation Combined Reports

WD Units Worked per Day

WE Limited Quantity
Code of federal regulations limited quantity for transportation of hazardous materials

WG Weight Gain

WL Weight Loss

WO Operator's Working Interest

WP Number of Producing Wells Remaining on Property or Facility

WR Number of Producing Wells Remaining on Royalty Account

WT Total Working Interest

WV Water Volume
Volume of water produced with the oil or gas
WW Weeks Worked
WX License Withdrawal Duration
WY License Withdrawals Sent
X1 Producing Wells
X2 Gross
X6 Assessment Hours
X7 Duty Days
X8 Contract Days
X9 Number of Days Employed
XA Total of Issuable Assets
XB Total System Backorder Quantity, High Priority
XC Total Service Backorder Quantity, High Priority
XD Total System Backorder Quantity, Low Priority
XE Total Service Backorder Quantity, Low Priority
XG On Hand and Due-In
The total quantity on hand and on order
XI Installment Payments
XJ Other War Reserve Material Requirements Protectable (OWRMRP) Quantity
Total of all War Reserve material to be protected
XL Approximate Number of Units Projected
XN Approximate Number of Holders
XO Circulating Oil
XR Stock Objective and Insurance Quantity
Identifies the total quantity of buys intended to satisfy authorized stockage/insurance objectives
XT Protected Quantity
XU Reserved
XV Requisitioning Objective
XX Authorized Retention Level
XY Safety Level
XZ Backorder Lines
Total Number of transactions held in backorder status
Y1 Number of Lost Cards
Y2 Number of Stolen Cards
Y3 Number of Cards not Received
Y4 Number of Active Accounts This Cycle
Y5 Number of Open Accounts
Y6 Number of Accounts Past Due
Y7 Number of Cards Outstanding
Y8 On Hand plus Pipeline
YA Total Demand Quantity
Sum total of all demands

YB Total Demand Orders
Total number of demand transactions reflected in total demand quantity

YC First Quarter Recurring Demand
Total quantity of recurring demands received in first past quarter

YD First Quarter Recurring Orders
Total number of recurring demand transactions received in first past quarter

YE First Quarter Non-recurring Demand
Total quantity of non-recurring demands received in first past quarter

YF First Quarter Non-recurring Orders
Total number of non-recurring demand transactions received in first past quarter

YG Second Quarter Recurring Demand
Total quantity of recurring demands received in second past quarter

YH Second Quarter Recurring Orders
Total number of recurring demand transactions received in second past quarter

YJ Second Quarter Non-recurring Demand
Total quantity of non-recurring demands received in second past quarter

YK Second Quarter Non-recurring Orders
Total number of non-recurring demand transactions received in second past quarter

YL Third Quarter Recurring Demand
Total quantity of recurring demands received in third past quarter

YM Third Quarter Recurring Orders
Total number of recurring demand transactions received in third past quarter

YN Third Quarter Non-recurring Demand
Total quantity of non-recurring demands received in third past quarter

YP Third Quarter Non-recurring Orders
Total number of non-recurring demand transactions received in third past quarter

YQ Fourth Quarter Recurring Demand
Total quantity of recurring demands received in fourth past quarter

YR Fourth Quarter Recurring Orders
Total number of recurring demand transactions received in fourth past quarter

YS Fourth Quarter Non-recurring Demand
Total quantity of non-recurring demands received in fourth past quarter

YT Fourth Quarter Non-recurring Orders
Total number of non-recurring demand transactions received in fourth past quarter

YU Trailers

YW Reorder Point Quantity
Quantity at which a reorder should take place

YX Contract Line Item Quantity
The quantity of material cited under a specific contract line item

YY Years

YZ Maximum Quantity of Free Service Calls

Z1 Units Worked Last Day

Z2 Units Worked per Week

Z3 Units Worked per Quarter

Z4 Number Weeks Paid

Z6 Unused Accumulated Sick Days

Z7 Delivery Point Reduction Quantity
The quantity by which the nominated delivery quantity was reduced for the associated reduction reason

Z8 Receipt Point Reduction Quantity
The quantity by which the nominated receipt quantity was reduced for the associated reduction reason

Z9 Reduction Quantity
The quantity by which the nominated quantity was reduced for the associated reduction reason

ZA Federal Medicare or Medicaid Claim Mandate - Category 1

ZB Federal Medicare or Medicaid Claim Mandate - Category 2

ZC Federal Medicare or Medicaid Claim Mandate - Category 3

ZD Federal Medicare or Medicaid Claim Mandate - Category 4

ZE Federal Medicare or Medicaid Claim Mandate - Category 5

ZF Federal Pension Mandate - Category 1

ZG Federal Pension Mandate - Category 2

ZH Federal Pension Mandate - Category 3

ZI Holding Period
The length of time material can be held while awaiting processing

ZJ Federal Pension Mandate - Category 5

ZK Federal Medicare or Medicaid Payment Mandate - Category 1

ZL Federal Medicare or Medicaid Payment Mandate - Category 2

ZM Federal Medicare or Medicaid Payment Mandate - Category 3

ZN Federal Medicare or Medicaid Payment Mandate - Category 4

ZO Federal Medicare or Medicaid Payment Mandate - Category 5

ZP Federal Pension Mandate - Category 4

ZQ Shares Added

ZR Extended Term

ZS Amortization Term

ZT Beginning Shares

ZU Shares Deleted

ZV Quantity of Dealer License Plates

ZW Current Share Balance

ZX Size of Household

ZY Project Units Sold

ZZ Mutually Defined

674 - Reciprocal Switch Code

Code identifying the restriction of service being provided by the serving carrier

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

SMS

TRANSACTION SETS USED IN

431 433

CODE	DEFINITION & EXPLANATION
C	Closed
L	Local
O	Open
P	Private
R	Restricted
Y	Conditionally Open

675 - Schedule Type Qualifier

Code identifying the type of dates used when defining a shipping or delivery time in a schedule or forecast

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BFR BSS

TRANSACTION SETS USED IN

830 862 866

CODE	DEFINITION & EXPLANATION
AD	Authorized Delivery Based
AS	Authorized Shipment Based
BB	Customer Production (Consumption) Based
DL	Delivery Based
JS	Buyer Production Sequence Schedule
KB	Kanban Signal
NR	Nonrecurring Demand
PD	Planned Delivery Based
PR	Planned Requirement Based
PS	Planned Shipment Based
RD	Recurring Demand
SH	Shipment Based
ZZ	Mutually Defined

676 - Schedule Quantity Qualifier

Code identifying the type of quantities used when defining a schedule or forecast

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

BFR BSS

TRANSACTION SETS USED IN

830 862 866

CODE	DEFINITION & EXPLANATION
A	Actual Discrete Quantities
C	Cumulative Quantities
D	Net Change Quantities
R	Replacement Quantities

677 - Item Depth

The depth is the thickness of the product; in the dimension coordinate axes represented by X, Y and Z, depth is measured along the Z axis where X is the horizontal axis and Y is the vertical axis

TYPE=**R** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

FU3 ID1 ID3 PKL PO5 PO6 PO7 PO8

TRANSACTION SETS USED IN

832 890 896 897

678 - Ship/Delivery or Calendar Pattern Code

Code specifying the routine shipments, deliveries, or calendar pattern TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
CAL DH HSD IRP SDP WS

TRANSACTION SETS USED IN
128 148 194 196 242 271 274 278 806 816 830 837 839 862

CODE	DEFINITION & EXPLANATION
1	1st Week of the Month
2	2nd Week of the Month
3	3rd Week of the Month
4	4th Week of the Month
5	5th Week of the Month
6	1st & 3rd Weeks of the Month
7	2nd & 4th Weeks of the Month
8	1st Working Day of Period
9	Last Working Day of Period
A	Monday through Friday
B	Monday through Saturday
C	Monday through Sunday
D	Monday
E	Tuesday
F	Wednesday
G	Thursday
H	Friday
J	Saturday
K	Sunday
L	Monday through Thursday
M	Immediately
N	As Directed
O	Daily Mon. through Fri.
P	1/2 Mon. & 1/2 Thurs.
Q	1/2 Tues. & 1/2 Thurs.
R	1/2 Wed. & 1/2 Fri.
S	Once Anytime Mon. through Fri.
T	1/2 Tue. & 1/2 Fri.
U	1/2 Mon. & 1/2 Wed.
V	1/3 Mon., 1/3 Wed., 1/3 Fri.
W	Whenever Necessary
X	1/2 By Wed., Bal. By Fri.
Y	None (Also Used to Cancel or Override a Previous Pattern)

Z Mutually Defined
MC By Appointment Only
SA Sunday, Monday, Thursday, Friday, Saturday
SB Tuesday through Saturday
SC Sunday, Wednesday, Thursday, Friday, Saturday
SD Monday, Wednesday, Thursday, Friday, Saturday
SG Tuesday through Friday
SL Monday, Tuesday and Thursday
SP Monday, Tuesday and Friday
SX Wednesday and Thursday
SY Monday, Wednesday and Thursday
SZ Tuesday, Thursday and Friday
WE Weekend

679 - Ship/Delivery Pattern Time Code

Code specifying the time for routine shipments or deliveries TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
HSD SDP

TRANSACTION SETS USED IN
194 271 274 278 830 837 862

CODE	DEFINITION & EXPLANATION
A	1st Shift (Normal Working Hours)
B	2nd Shift
C	3rd Shift
D	A.M.
E	P.M.
F	As Directed
G	Any Shift
Y	None (Also Used to Cancel or Override a Previous Pattern)
Z	Mutually Defined

680 - Forecast Qualifier

Code specifying the sender's confidence level of the forecast data or an action associated with a forecast

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

FST

TRANSACTION SETS USED IN

830 840 843 862

CODE	DEFINITION & EXPLANATION
A	Immediate
B	Pilot/Prevolume
C	Firm
D	Planning
E	Rounded Container Quantity
F	Potential Order Increase
G	Average Plant Usage
H	First Time Reported Firm
J	Raw Material
K	Final Model Year Requirements or Orders
L	Engineering Change Pending
M	Maximum Tooling Capacity
N	Normal Tooling Capacity
P	Prototype
Q	Order Release Authorization
S	Strike Protection
T	Required Tooling Capacity
U	Cooperative Logistics Planning *Estimated future material requirements in support of a Department of Defense (DoD) foreign military sales case*
V	Cooperative Logistics Firm *Actual future material requirements in support of a Department of Defense (DoD) foreign military sales case*
W	Cancellation
X	Modification
Z	Mutually Defined

681 - Timing Qualifier

Code specifying interval grouping of the forecast or product activity TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
FST RCR

TRANSACTION SETS USED IN
830 840 843 862 893

CODE	DEFINITION & EXPLANATION
A	Annually (Calendar Year)
B	Shipping/Delivery
C	Daily
D	Discrete
F	Flexible Interval (from Date X through Date Y)
M	Monthly Bucket (Calendar Months)
Q	Quarterly (Calendar Quarters)
S	Semi-Annually (Calendar Year)
T	Four week bucket (13 buckets per year)
W	Weekly Bucket (Monday through Sunday)
X	Weekly Bucket (7 day interval)
Z	Mutually Defined

682 - Part Release Status Code

Code identifying the status of the specific part number being released or forecast or being used in an engineering change

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PRS

TRANSACTION SETS USED IN

830 841 842 862

CODE	DEFINITION & EXPLANATION
1	Fabrication Authorization Quantity is Final Model Year Requirement; The Part is a Non carryover Item for the Subsequent Model Year from the Supplier
2	Material Authorization Quantity is Final Model Year Requirement; The Part is a Non carryover Item for the Subsequent Model Year from the Supplier
3	Part will be Canceled at the Material Quantity
4	Part is a Carryover Item from Subsequent Model Year from the Supplier
5	Part is a New Item for the Subsequent Model Year
6	Part is a New Item Due to an Interim Engineering Release
7	Final Release for this Cancelled Part
8	Planning Quantity is Final Model Year Requirement The Part is a Non-Carryover Item for the Subsequent Model Year From the Supplier
9	Final Forecast for this Cancelled Part
A	All Time Buy. Unless Specifically Stated, This Code is Not to be Interpreted as Authorization for Tool Scrap
B	Balance-Out Part; Eng. Change Pending
D	Terminal Buy
E	Systems Automated Buy
F	Corporation Campaign Buy
G	Source Surplus
H	Reschedule
I	Merchandising Act Promotion Buy
J	Minimum or Lot Buy
K	Die Tie
L	Landau Specification
M	Mill Run Purchase
N	Solicitation
P	Pilot/Pre-production
Q	Special Large Quantity Buy
R	Replacement Orders
S	Initial Orders
T	Trim Order
U	Confirming Phone Order
W	Cover Overshipment - Do Not Reship

X Economic Order Quantity
Release quantity that takes advantage of price per piece breaks based upon volume of release, which may vary from the order quantity

Y Production Year End Surplus

683 - Catalog Purpose Code

Code indicating purpose of catalog

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BCT

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
AP	Accountable Property Catalog
CP	Customized Catalog *A collection of criteria for the user of a catalog that generates responses from the catalog when the criteria are met*
PC	Price Catalog
PS	Price Sheet
RC	Resale Catalog
SC	Sales Catalog

684 - Catalog Number

Identifying number for catalog or superseded catalog TYPE=**AN** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

BCT

TRANSACTION SETS USED IN

832 897

685 - Catalog Version Number

Identifying version number of catalog or superseded catalog TYPE=**AN** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

BCT

TRANSACTION SETS USED IN

832 897

686 - Catalog Revision Number

Identifying revision number of catalog or superseded catalog TYPE=**AN** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

BCT

TRANSACTION SETS USED IN

832 897

687 - Class of Trade Code

Code indicating class of trade

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BSF CTP G13 G43 TER TRT

TRANSACTION SETS USED IN

124 155 206 244 271 304 536 810 821 822 830 832 836 837 840 843 845 846 847 850 851 852 855 857 860 865 878 879 883 885 886 887 888 889 893 896 897

CODE	DEFINITION & EXPLANATION
AA	Branches
AB	Members
AC	Commercial Enterprises
AD	Special Trades
AE	Financial Institutions
AF	Fast Food
AG	Agent
AH	Non-Profit
AI	Importer
AJ	Schools
AL	Gaming
AM	Prisons
AN	Theme Park
AO	Multi-Purpose
AP	Purchaser
AQ	Restaurant
AR	Vending
AS	Seller
BG	Buying Group
BR	Broker
CB	Combined *Product sold in both retail store and restaurant*
CN	Consolidator (Master Distributor)
CO	Contractor
CR	Chain Store Retail
CX	Confection *Candy distributor, jobber, or wholesaler*
CY	Convenience Store
DE	Dealer
DF	Doctors' Offices
DI	Distributor
DR	Drug Store
EX	Exporter

FS Food Service
Institutions, restaurants, schools

GA Grocery Accounts
Grocery chains, wholesalers, and independents

GM General Merchandise
Discount/Department stores, mass merchandisers, variety stores, general merchandisers

GR General Retail

GV Government

HS Hospitals

ID Industrial

IN Institutional

IR Independent Retail

JB Jobber

K4 Distributor Authorized

K5 Distributor Published

KH Maintenance Repair and Operations (MRO)

KN System Integrator

KO End User Suggested

LC Long-term Care

MC Managed Care

MF Manufacturer

ML Military

OE OEM

OF Off Premise
Product sold in restaurant

ON On Premise
Product sold in retail store

PF Professional

PH Outpatient Pharmacy

PT Pet Supply Store

PY Private Label

RS Resale

RX Healthcare Products
Healthcare Products includes, but is not limited to, Pharmaceuticals, Drugs and Medical Devices

SA Services

SB Support

SE Securities

ST Stationer

TR General Trade

WA Warehousing

WC Warehouse Clubs
Membership club stores dealing in large volume direct shipments in both food and nonfood items

WH Wholesaler

WS User

688 - Restrictions/Conditions Qualifier

Code identifying the type of restriction/condition TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
CTB

TRANSACTION SETS USED IN
832 836 840 843 845 850 855 860 865 897

CODE	DEFINITION & EXPLANATION
AA	Paperwork
BO	Bailment Order Only *Wine and spirits merchandise owned by the vendor residing in private warehouses*
DO	Direct Only
DW	Direct and Wholesaler
NR	Nonreturnable
NS	Non-serviceable
OR	Ordering
RM	Re-sterilization Maximum
SP	Special Order Only
SR	Shipping
SS	State Stock Plan *Wine and spirits merchandise owned by the state residing in state's warehouses*
WO	Wholesaler Only

689 - Occupancy Code

Code specifying occupancy status of real estate property TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
IPU PDR REC

TRANSACTION SETS USED IN
187 206 255 260 261 262 264 266 270 271 272 811 820

CODE	DEFINITION & EXPLANATION
01	Vacant
02	Occupied
03	Borrower Occupied
04	Tenant Occupied
05	Adverse Occupied *The property is occupied by unauthorized person(s), with or without the knowledge of the mortgagor*
06	Unknown
07	Original Veteran Occupied *Property is occupied by the original veteran who secured the Veterans Affairs loan for the property*
08	Transferee Occupied *Property is occupied by the individual to whom the Veterans Affairs mortgage on the property was transferred*
09	Unoccupied
10	Abandoned
11	Condemned
12	Under Construction
13	Temporary Residence
14	Partially Occupied
15	Owner Occupied, Primary Residence
16	Owner Occupied, Secondary Residence
17	Owner Occupied
19	Non-Owner Occupied
20	Apartment
21	Church
22	Condominium Association
23	Garage
24	Hotels, Motels, Inns
25	Institutional
26	Manufacturing
27	Mercantile
28	Religious Institution
29	Rental Condo Unit Owner

30 Rental Dwelling
31 Rental Dwelling to Others
32 Restaurant

690 - Docket Identification

A sequence number which, when combined with elements 140 and 697, provides a unique identity to a parcel of ratemaking activity

TYPE=**AN** MIN=**1** MAX=**11**

SEGMENTS USED IN (AS SIMPLE)

CD DK DR GY PR PRI PT

TRANSACTION SETS USED IN

106 107 217 404 410 414 417 426 433 453 460 463 466 468 485 486 490 492 494 858

691 - Revision Number

A number which indicates the chronological sequence of revisions and updates to a ratemaking docket

TYPE=**N0** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

DK DR GH PRI

TRANSACTION SETS USED IN

414 460 463 466 468 485 486 490 492 494

692 - Conveyance Code

Code indicating rate application TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
DK PR2

TRANSACTION SETS USED IN
460 463 466 468 485 490 492 494

CODE	DEFINITION & EXPLANATION
1	Package Express
2	Groups
3	Ocean Roll-On, Roll-Off (RORO)
4	Ocean Military Air
5	Air, Small Package Carrier
6	Intermodal (Personal Property)
7	Military Sealift Command (MSC)
8	Air Mobility Command (AMC)
9	Local Delivery
A	Bus
B	Truck
C	Truck - Rail - Truck
D	Applies to deregulated (US ICC) carload rail, other than piggyback
E	Rail
F	Rail Trailer on Flat Car/Container on Flat Car (TOFC/COFC) Door-to-Door
G	Rail Trailer on Flat Car/Container on Flat Car (TOFC/COFC) Plan 3
H	Rail Trailer on Flat Car/Container on Flat Car (TOFC/COFC) Plan 4
I	Applies to regulated intermodal traffic
J	Air Freight
K	Air Freight Forwarder
L	Air Taxi
M	Multimodal
N	Surface Freight Forwarder
O	Water
P	Applied To Deregulated (US ICC) Piggyback
Q	Shipper Agent
R	Applies to regulated carload rail other than piggyback.
S	Driveaway Service
T	Towaway Service
U	Driveaway and Towaway Service
V	Water/Pipeline Intermodal Movements
W	Shipper Agent (Truck/Rail/Truck)
Y	Pipeline

Z Shipper Association

693 - Docket Type Code

Code indicating the revenue construction of a freight rate TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
DK

TRANSACTION SETS USED IN
460 463 466 468 485 490 492 494

CODE	DEFINITION & EXPLANATION
C	Condition Group
D	Multiple Dependent Factor Through Rate
G	Geography Group
M	Multiple Independent Factor through Rate
P	Product (Commodity) Group
S	Single Factor through Rate
T	Patron Group

694 - Percentage Division

A number which indicates the portion of freight revenue to be apportioned to an identified carrier; the number is expressed as a percent; the value of this element shall not exceed 100.00

TYPE=**N2** MIN=**1** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

FK

TRANSACTION SETS USED IN

460 485 853

695 - Independence Code

Code indicating the capability of a carrier participating in the route of a rate to make independent changes to that rate

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

SS

TRANSACTION SETS USED IN

460 494

CODE	DEFINITION & EXPLANATION
A	Expiration date and a carrier's factor may be changed at any time
B	Expiration date may be changed at any time
C	Expiration date and factor may not be changed before the trigger date, but may be changed after the trigger date
D	Expiration date may be changed at any time; carrier may change its factor only prior to the trigger date
E	Expiration date may be changed at any time; carrier may change its factor only after the trigger date
F	Expiration date may not be changed before the trigger date; it may be changed after the trigger date
G	Expiration date may be changed at any time; carrier may change its factor only on number of days advance notice as indicated in the transaction
H	Expiration date may be changed only after the number of days advance notice indicated in the transaction
I	Expiration date may be changed only after 30 days advance notice
L	Date can be changed at any time; the through-rate can be changed at any time by the proposer
M	Rate Proposer Only
N	Expiration Date and Factor may be Changed Only After the Number of Days Advance Notice Indicated in the Transaction

697 - Docket Control Number

A grouping identification which, when combined with elements 140 and 690, provides a unique identity to a parcel of ratemaking activity

TYPE=**AN** MIN=**1** MAX=**7**

SEGMENTS USED IN (AS SIMPLE)

CD DK DR GY PR PRI PT

TRANSACTION SETS USED IN

106 107 217 404 410 414 417 426 433 453 460 463 466 468 485 486 490 492 494 858

698 - Rate Distribution Code

Code indicating the extent to which data intermediaries may distribute rate data (excluding revenue division information) to requesting recipients

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

SS

TRANSACTION SETS USED IN

460 494

CODE	DEFINITION & EXPLANATION
P	Rate information is private; Intermediaries may distribute it only to participating line haul carriers
S	Rate information is selectively private; Intermediaries may distribute it to participating line haul carriers and to other parties specifically identified by name in the docket rate distribution set
U	Rate information is public

699 - Commodity/Geographic Logical Connector Code

Code identifying how a specific segment's statement of a rate restriction is evaluated and its relationship to rate restrictions stated within other segments of the same segment definition

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

GY PR

TRANSACTION SETS USED IN

106 107 217 433 453 460 490 494

CODE	DEFINITION & EXPLANATION
M	If one or more segments of a given segment definition contain this element indicating a '-' value, rate application is denied upon satisfaction of any one of these segments, so indicated; In the event that rate restrictions on two segments of similar definition are satisfied, one segment containing this element indicating a '+' value and the other segment indicating a '-', rate application is denied. In other words, a minus takes precedence over a plus.
P	If one or more segments of a given segment definition contain this element indicating a '+' value, rate application requires satisfaction of the restriction stated on at least one of those segments, so indicated; In the event that rate restrictions on two segments of similar definition are satisfied, one segment containing this element indicating a '+' value and the other segment indicating a '-', rate application is denied. In other words, a minus takes precedence over a plus.

701 - Information Type Code

Code specifying the information required in the response TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
INR ITC RRA

TRANSACTION SETS USED IN
155 840

CODE	DEFINITION & EXPLANATION
01	Shipment Method of Payment
02	Transportation Responsibility Location
03	Title Passage Location
04	Sales Contact
05	Special Services that will be Required
06	Special Charges that will be Required
07	Allowance or Charge Method of Handling
08	Allowance or Charge Rate per Unit, Basis of Calculation or Total Amount
09	Type of Payment Terms
10	Beginning of Terms Period
11	Complete Discount Detail (Terms, Base/Value, Limits)
12	Hazardous Material
13	Non-Hazardous Material
14	As Indicated by the Cited Reference
15	Affiliated Companies
16	All Information
17	Background
18	Bank Name and Address
19	Bankruptcy
20	Bankruptcy Plan
21	Bankruptcy Schedule
22	Branches
23	Buying Details
24	Companies Dealt With
25	Completed Projects
26	Corporate Registration
27	Credit Score
28	Criminal Proceedings
29	Employees
30	Equipment
31	Financial Information
32	Legal Claim
33	Legal Details and Capital

34 Lien
35 Line of Business Codes
36 Line of Credit Details
37 Management Comments
38 Management Partial Figures
39 Other Public Record
40 Outside Comments
41 Ownership
42 Payment Breakdown
43 Payment Breakdown by Industry
44 Payment Score
45 Placed for Collection Details
46 Pledging
47 Preferential Claims
48 Protested Bills
49 Financial Update
50 Financing Statement (Uniform Commercial Code)
51 Full Financial Statement
52 General Information
53 Identification Numbers
54 Indirect Affiliate
55 Individual Experience
56 Judgment
57 Law Suit
58 Rating
59 Record Item
60 Reporting Agency Analysis
61 Secured Charges
62 Selling Details
63 Special Events
64 Subsidiaries
65 Summary Information
66 Work in Progress
67 Operation Details
68 Interview
69 Vendors
70 Slowness Comments
71 Subordination Agreement
72 Guarantees
73 Signing Authority
74 Ratios
75 Industry Averages
76 Petitions

77 Claims on Other Companies
78 Specific Details
79 Acquisitions
80 Financial Embarrassment Details
81 Offshore Company Details
82 Receivership
83 Ship Details
84 No Other Information
85 Ranking Details
86 Transportation Equipment
87 Delinquency Details
88 Failure Projection Details
89 Board of Directors' Details
91 Property Details
92 Management Council Details

703 - Financial Information Type Code

Code indicating type of financial information TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
ITC

TRANSACTION SETS USED IN
155

CODE	DEFINITION & EXPLANATION
1	Detail
2	Summary
3	Balance Sheet
4	Estimated Statement - Signed
5	Estimated Statement - Unsigned
6	Financial Information
7	Final Statement *Statement business files at closing of business*
8	Fiscal Balance Sheet
9	Interim Balance Sheet
A	Interim Figures
B	Official Figures *Figures filed with governmental agency*
C	Opening Statement
D	Partial Estimates
E	Pro Forma Statement
F	Trial Balance Sheet
G	Profit and Loss Statement
H	Projected Figures
I	Model Statement *Statement projected based on sales or employees*

704 - Paperwork/Report Action Code

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

TYPE=**ID** MIN=**1** MAX=**2**

COMPOSITE DATA STRUCTURES USED IN

C002

SEGMENTS USED IN (AS COMPONENT)

PWK

TRANSACTION SETS USED IN

105 113 143 147 161 179 186 194 195 198 202 206 252 255 261 262 265 267 272 277 278 280 284 304 310 500 511 536 810 830 832 833 836 837 840 841 842 843 850 855 856 860 865 867 870

CODE	DEFINITION & EXPLANATION
1	Used to Initiate This Report
2	Report to be Filed
3	Complete *Use the information provided, add additional required data, distribute as indicated*
4	Notarize *Have notarized prior to distribution*
5	Generate
6	Letterhead Required
CH	Chamberize
CO	Consularize
DM	Document is Missing
NT	Generate in Language of Ultimate Destination
ON	Original Not Required (Copies Acceptable)
OR	Original Required
PV	Provided
SG	Sign (Power of Attorney)

705 - Trade Union Code

Code identifying trade union

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

TUD

TRANSACTION SETS USED IN

838

CODE	DEFINITION & EXPLANATION
01	United Auto Workers (UAW)
02	International Brotherhood of Teamsters
03	International Association of Machinists (IAM)

706 - Entity Relationship Code

Code specifying entity relationship

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

ERI N1 NM1 PT

TRANSACTION SETS USED IN

100 101 103 104 105 106 107 108 110 111 112 113 120 124 128 130 131 132 133 135 138 140 141 142
143 146 147 148 149 150 152 153 154 155 157 158 159 161 163 170 175 176 179 180 185 186 187 188
189 190 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219
220 222 223 227 228 240 242 244 245 248 249 250 251 252 255 256 259 260 261 262 263 264 265 266
267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310
311 312 313 317 322 325 350 355 357 358 359 361 362 404 410 412 417 418 421 422 423 424 426 431
433 434 452 453 455 456 460 470 490 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601
603 620 625 650 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822 823 824 826 827 828
830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854
855 856 857 858 859 860 861 862 863 864 865 866 867 869 870 872 873 874 875 876 877 878 879 880
881 882 883 884 885 886 887 888 889 890 891 892 893 896 897 920 940 943 944 945 947

CODE	DEFINITION & EXPLANATION
01	Parent
02	Child
03	Corporation
04	Subsidiary
05	Wholly-Owned Subsidiary
06	Division
07	Company
08	Doing Business As
09	Component
10	Partnership
11	Partner
12	Member
13	Association
14	Headquarters
15	Profit Center
16	Cost Center
17	Product Line
18	Union
19	Group
20	Department
21	Multinational Corporation
22	Sibling
23	Affiliate
24	Direct Affiliate *A direct affiliate is a member that is affiliated directly to the parent organization and is not*

affiliated to an owner, owner affiliate, or group

25 Established Patient
26 Not Established Patient
27 Domestic Partner
28 Location
29 Power of Attorney Delegee
30 Significant Other
31 Ultimate Parent Company
32 Branch
33 Owned
34 Managed
35 Leased
36 Group Affiliate
37 Owner Affiliate
38 Owner
39 Related for U.S. Customs and Border Protection (CBP) Purposes
40 Related for U.S. Bureau of the Census Purposes
41 Spouse
42 Adoptive Parent
43 Bank
44 Brother
45 Business Associate
46 Daughter
47 Dependent
48 Employee
49 Employer
50 Father
51 Fiancée
52 Foreman
53 Foster Parent
54 Friend
55 Grand Child
56 Grand Parent
57 Guardian
58 Inforce Policyholder
59 Institution
60 Minister
61 Mother
62 Neighbor
63 Non Family
64 None
65 Other
66 Other Family

67 Self
68 Sister
69 Step Child
70 Supervisor
71 Teacher
72 Unknown
73 Business Name
74 Counselor
75 Sanctioning Organization
76 Sponsoring Organization
77 Same Job as Applicant
78 Stockholder
79 Attorney
80 Aunt
81 Brother-in-law
82 Cousin
83 Daughter-in-law
84 Family
85 Father-in-law
86 Financial Interest
87 Marketing Unit
88 Mother-in-law
89 Nephew
90 Niece
91 Officer
92 Principal Customer
93 Principal Supplier
94 Sister-in-law
95 Son
96 Son-in-law
97 Uncle
98 Descendant
99 Director
AA Principal Stockholder
AB Insured Entity
AC Allied Professional
AD Ancillary Referral
AE Contact
AF Contract
AG Health Care Facility Affiliation
AH Independent Physician/Practice Association (IPA) Affiliation
AI Referral Lab Provider
AJ Managed Care Organization Affiliation

AK Medical Director
AL Health Care Network Affiliation
AM Office Manager
AN On-call Physician
AO Physician Hospital Organization (PHO) Affiliation
AP Provider in Practice
AQ Referred by Provider
AR Referred to Provider
AS Referral X-ray Provider
AT Parent-in-law
AU Step Parent
AV Former Spouse
AW Ward
BA Delivery Service Provider
BB Maintenance Service Provider
CP Custodial Parent
EP Equipment Provider
J1 Educational Institution
J2 Estate
J4 Government Agency
J5 Individual
J6 Joint Venture
J7 Limited Liability Company
J8 Limited Liability Company - Manager Managed
J9 Limited Liability Company - Member Managed
JA Limited Liability Limited Partnership
JB Limited Liability Partnership
JC Limited Partnership
JD Nonprofit
JE Personal - Non-Business
JF Religious Institution
JG Sole Proprietorship
JH Trust
JJ Unincorporated Condominium Association
JK Lessor
LO Local
OP Obligated Parent
PI Principal
RE Regional

707 - Rating Category Code

Code indicating supplier rating category

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

SPR

TRANSACTION SETS USED IN

155 285 501 838 885

CODE	DEFINITION & EXPLANATION
A1	Bank Account Relations
A2	Credit Limit
A3	Credit Rating
A4	Credit Worthiness
A5	Liquidity
A6	Loan Payment History
AA	Overall Composite
AB	Quality
AC	Delivery Timeliness
AD	Percentage Rejections to Receipts
AE	Contract Administration
AF	Corrective Action
AG	Technology
AH	Audits
AI	Financial Conditions
AJ	Service
AK	Products
AL	Trade Payments
AM	Accounting
AN	Failure Risk Ranking *Represents how one company's failure score is ranked against other companies*
AO	Revenue Ranking
AP	Sales Growth Ranking
AQ	Asset Ranking
AR	Profit Margin Ranking
AS	Attitude of Supplier Personnel
AT	Post Tax Profit Ranking
AU	Import and Export Ranking
AV	Invoice Collection
AW	Average Trade Payment for all Businesses
AX	Pretax Profit Ranking
BA	Billing Accuracy
BC	Bid Conformance

BD Delinquency Risk Score
Score representing the risk of company having delinquent payments in the future

BE Billing Errors

BF Delinquency Performance Score
Score showing actual delinquent payments

BG Delinquency Ranking
Represents how one company's delinquency score is ranked against other companies

BH Delinquency Incidence
Provides a delinquency percentage as it relates to all firms

BI Projected Trade Payments
A projected score representing trade payments made in a future period

BJ Financing Resources

BK Failure Risk Score
Score representing the risk of company failing in the future

C2 Customer Service Index

CD Credit Risk

CH Claims Handling

CL Class Level

CO Claims Outstanding

CP Crew Professionalism

CR Contract Refund Timeliness

CT Claims Timeliness

DP Damage Percentage

DQ Delivery Quantity

DS Days Supply

EA Equipment Availability

EC Equipment Condition

EE EDI Errors

EI Assigned Equipment Inventory

FA Facility Audit

IF Lag Timeliness

IN Innovation

LT Loading Timeliness

PA Procedure Audit

PC Packaging Discrepancies

PD Past-due Claims

PF Premium Freight

PK Packaging

PR Production

PS Price Stability

PT Placement Timeliness

PU Pickup Timeliness

PY Property

RC Claims Ratio

RO Routing Compliance
RS Response Timeliness
RT Release Timeliness
SD Item Discrepancies
SE Syntax Errors
SF Service Failure
SN Shipment Notices
SP Safety Performance
SS Shipping Schedule Compliance
ST Switch Timeliness
SV Solvency
TC Total Cost
TR Transportation
TS Technical Support
TT Transit Timeliness
UT Unloading Timeliness
WR Warranty
WT Waiting Timeliness

708 - Rating Summary Value Code

Code indicating the total overall rating

TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)

LTE SCR SID SPR

TRANSACTION SETS USED IN

155 189 285 422 435 437 501 838 885

CODE	DEFINITION & EXPLANATION
1	Unacceptable Delivery
2	Unacceptable Quality
3	Unacceptable Delivery and Quality
4	Satisfactory
5	Unsatisfactory
6	Not Evaluated
7	Eligible for Award
8	Not Eligible for Award
9	Greatly Below Expectations
A	Greatly Exceeds Expectations
B	Exceeds Expectations
C	Below Expectations
D	Very Poor
E	Excellent
F	Fair
G	Good
H	As Agreed
I	Business Reorganized - Surveillance Advised
J	Cash Account
K	Caution Recommended
L	Cessation
M	COD (Cash on Delivery)
N	COD (Cash on Delivery) Due to Bad Experiences
O	Continuation Plan
P	Poor
Q	Credit Guarantees Advised
R	Credit Not Recommended
S	Currently Regular
T	Difficult to Judge
U	Unacceptable
V	Very Good
W	Difficulties
X	Difficult to Judge, Direction Change

Y Difficult to Judge, Started Recently
01 Discount According to Business
02 Extremely Slow
03 Formerly Satisfactory
04 Formerly Unsatisfactory
05 High
06 Low
07 Insufficient Data
08 Limited
09 Loan Chargeoff
10 Mainly Foreign Suppliers
11 Matter of Confidence
12 Medium
13 Nationalized Company
Company run by the government
14 Nature of Business Precludes Need for Trade Credit
15 No Complaints
16 No Experiences, because Recent Start
17 No Experiences, because Recent Incorporation
18 Normal
19 Not Yet Judged
20 Other
21 Paid Discount
22 Paid Prompt
23 Payment in Advance
24 Placed for Collection
25 Prorogations
26 Protested Bills
27 Recognized Bank
28 Regular According to Business
29 Relation can be Incurred
30 Return Drafts
31 Slow or Terms Exceeded
32 Strong
33 To be Monitored
34 Unbalanced
35 Unpaid
36 Variable
37 Very Limited
38 Very Slow
39 Non Sufficient Fund Checks
40 Repayment not as Agreed
41 Requested Amount Seems to be Too High

42 Requested Amount Too High
43 Requested Amount Too High but feasible with Guarantees
44 Special Investigation Needed
45 Payment Notes Exist
46 Financial Information not Available
47 Financial Information out of Date
48 Comment Declined
49 Extended
50 Negative
51 Dealings Done through Related Companies
52 Fully Utilized
53 Not an Active Seeker of Commercial Credit
54 On Blacklist Due to Insufficient Fund Checks
55 Payments on Letter of Credit Basis
56 Refer to Other Parts of Report
57 Somewhat Extended
58 Slightly Slow
59 Indication of Open Bankruptcy
60 Discontinued at this Location
61 Moderate
62 Significant
63 Minimal
64 Negligible

709 - Communications Environment Code

Code indicating EDI systems media capability TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
ENE

TRANSACTION SETS USED IN
838

CODE	DEFINITION & EXPLANATION
PP	Point to Point
SC	Service Contracted Provider

712 - Category Reference Code

Code specifying whose coding system is being used for category and subcategory

TYPE=**ID** MIN=**1** MAX=**1**

Code Sources

96

SEGMENTS USED IN (AS SIMPLE)

ID1

TRANSACTION SETS USED IN

896

713 - Installment Group Indicator

The installment group indicator is a 2-digit serial number beginning with 01 (i.e., 01, 02, 03 or 04); it is used to group "elective" terms types in an installment payment situation; the same indicator must be used for all segments in the same installment

TYPE=**N0** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

G23

TRANSACTION SETS USED IN

875 876 880 882 888 889 894 895

714 - Goods and Services Tax Reason Code

Code identifying the reason for a 0% rated goods and services tax TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
BX

TRANSACTION SETS USED IN
404 417 426 858

CODE	DEFINITION & EXPLANATION
1	Inbound Goods and Services Tax Declaration
2	Outbound Goods and Services Tax Declaration
3	Goods and Services Tax Inbound/Outbound Declaration Documentary Evidence Filed at Origin

715 - Functional Group Acknowledge Code

Code indicating accept or reject condition based on the syntax editing of the functional group

TYPE=**ID** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK9

TRANSACTION SETS USED IN

997 999

CODE	DEFINITION & EXPLANATION
A	Accepted
E	Accepted, But Errors Were Noted.
M	Rejected, Message Authentication Code (MAC) Failed
P	Partially Accepted, At Least One Transaction Set Was Rejected
R	Rejected
W	Rejected, Assurance Failed Validity Tests
X	Rejected, Content After Decryption Could Not Be Analyzed

716 - Functional Group Syntax Error Code

Code indicating error found based on the syntax editing of the functional group header and/or trailer

TYPE=**ID** MIN=**1** MAX=**3**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK9

TRANSACTION SETS USED IN

997 999

CODE	DEFINITION & EXPLANATION
1	Functional Group Not Supported
2	Functional Group Version Not Supported
3	Functional Group Trailer Missing
4	Group Control Number in the Functional Group Header and Trailer Do Not Agree
5	Number of Included Transaction Sets Does Not Match Actual Count
6	Group Control Number Violates Syntax
7	Invalid Application Sender's Code
8	Invalid Application Receiver's Code
9	Invalid Responsible Agency Code
10	Authentication Key Name Unknown
11	Encryption Key Name Unknown
12	Requested Service (Authentication or Encryption) Not Available
13	Unknown Security Recipient
14	Unknown Security Originator
15	Syntax Error in Decrypted Text
16	Security Not Supported
17	Incorrect Message Length (Encryption Only)
18	Message Authentication Code Failed
19	Functional Group Control Number not Unique within Interchange
23	S3E Security End Segment Missing for S3S Security Start Segment
24	S3S Security Start Segment Missing for S3E End Segment
25	S4E Security End Segment Missing for S4S Security Start Segment
26	S4S Security Start Segment Missing for S4E Security End Segment
30	Invalid Group Date
31	Invalid Group Time
32	Control Segments for One or More Included Transaction Sets were Syntactically Invalid

717 - Transaction Set Acknowledgment Code

Code indicating accept or reject condition based on the syntax editing of the transaction set

TYPE=**ID** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK5 IK5

TRANSACTION SETS USED IN

997 999

CODE	DEFINITION & EXPLANATION
A	Accepted
E	Accepted But Errors Were Noted
M	Rejected, Message Authentication Code (MAC) Failed
R	Rejected
W	Rejected, Assurance Failed Validity Tests
X	Rejected, Content After Decryption Could Not Be Analyzed

718 - Transaction Set Syntax Error Code

Code indicating error found based on the syntax editing of a transaction set

TYPE=**ID** MIN=**1** MAX=**3**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK5

TRANSACTION SETS USED IN

997

CODE	DEFINITION & EXPLANATION
1	Transaction Set Not Supported
2	Transaction Set Trailer Missing
3	Transaction Set Control Number in Header and Trailer Do Not Match
4	Number of Included Segments Does Not Match Actual Count
5	One or More Segments in Error
6	Missing or Invalid Transaction Set Identifier
7	Missing or Invalid Transaction Set Control Number
8	Authentication Key Name Unknown
9	Encryption Key Name Unknown
10	Requested Service (Authentication or Encrypted) Not Available
11	Unknown Security Recipient
12	Incorrect Message Length (Encryption Only)
13	Message Authentication Code Failed
15	Unknown Security Originator
16	Syntax Error in Decrypted Text
17	Security Not Supported
18	Transaction Set not in Functional Group
19	Invalid Transaction Set Implementation Convention Reference
23	Transaction Set Control Number Not Unique within the Functional Group
24	S3E Security End Segment Missing for S3S Security Start Segment
25	S3S Security Start Segment Missing for S3E Security End Segment
26	S4E Security End Segment Missing for S4S Security Start Segment
27	S4S Security Start Segment Missing for S4E Security End Segment

719 - Segment Position in Transaction Set

The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1

TYPE=**N0** MIN=**1** MAX=**10**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK3 CTX IK3 TED

TRANSACTION SETS USED IN

824 997 999

720 - Segment Syntax Error Code

Code indicating error found based on the syntax editing of a segment TYPE=**ID** MIN=**1** MAX=**3**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK3

TRANSACTION SETS USED IN

997

CODE	DEFINITION & EXPLANATION
1	Unrecognized segment ID
2	Unexpected segment
3	Mandatory segment missing
4	Loop Occurs Over Maximum Times
5	Segment Exceeds Maximum Use
6	Segment Not in Defined Transaction Set
7	Segment Not in Proper Sequence
8	Segment Has Data Element Errors
10	Segment Has Excess Trailing Delimiters

721 - Segment ID Code

Code specifying the segment ID of the data segment in error (See Appendix A - Number 77)

TYPE=**ID** MIN=**2** MAX=**3**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

Code Sources

77

SEGMENTS USED IN (AS SIMPLE)

AK3 CTX E03 E13 E20 IK3 TED

TRANSACTION SETS USED IN

824 868 997 999

722 - Data Element Position in Segment

This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID

TYPE=**N0** MIN=**1** MAX=**2**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

COMPOSITE DATA STRUCTURES USED IN

C030

SEGMENTS USED IN (AS COMPONENT)

AK4 CTX IK4 TED

TRANSACTION SETS USED IN

824 997 999

723 - Data Element Syntax Error Code

Code indicating the error found after syntax edits of a data element TYPE=**ID** MIN=**1** MAX=**3**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK4

TRANSACTION SETS USED IN

997

CODE	DEFINITION & EXPLANATION
1	Mandatory data element missing
2	Conditional required data element missing.
3	Too many data elements. *More data elements existed than defined for the segment*
4	Data element too short.
5	Data element too long.
6	Invalid character in data element.
7	Invalid code value.
8	Invalid Date
9	Invalid Time
10	Exclusion Condition Violated
12	Too Many Repetitions *More repetitions existed than defined for the segment*
13	Too Many Components *More components existed than defined for the element*
16	Composite Data Structure Contains Excess Trailing Delimiters

724 - Copy of Bad Data Element

This is a copy of the data element in error TYPE=**AN** MIN=**1** MAX=**99**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

AK4 IK4 TED

TRANSACTION SETS USED IN

824 997 999

725 - Data Element Reference Code

Code identifying the location of the data element in the Data Element Dictionary

TYPE=**AN** MIN=**1** MAX=**4**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

Code Sources

77

COMPOSITE DATA STRUCTURES USED IN

C999

SEGMENTS USED IN (AS COMPONENT)

CTX TED

SEGMENTS USED IN (AS SIMPLE)

AK4 E24 E30 E41 IK4

TRANSACTION SETS USED IN

824 868 997 999

726 - Real Estate Property Condition Code

Code identifying property condition TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
REC

TRANSACTION SETS USED IN
206 255 260 261 262 264

CODE	DEFINITION & EXPLANATION
01	Damaged
02	Undamaged
03	Excellent
04	Good
05	Fair
06	Poor
07	Stable
08	Declining
09	Improving
10	Unknown
11	Unsecured
12	Secured
13	Broken
14	Unlocked
15	Overgrown
16	Littered
17	Structure Missing
18	Property Inaccessible
20	Inferior

728 - Returnable Container Load Make-Up Code

Code identifying the load make-up of the returnable containers in the shipment

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

SN1

TRANSACTION SETS USED IN

325 754 856 857 861

CODE	DEFINITION & EXPLANATION
B	Loaded with empty 4-block for blocking purposes
D	Empty containers with dunnage
E	Empty Containers
L	Loaded with production material
M	Mixed empty and loaded
O	Obsolete material
P	Loaded with returned excess production material
R	Loaded with rejected material
S	Service part obsolete container
U	Loaded with returned processed material
ZZ	Mutually Defined

729 - Category

An alphanumeric identifier to represent the category to which the item belongs

TYPE=**AN** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

ADV G11 ID1 LOC

TRANSACTION SETS USED IN

142 143 179 820 840 841 843 850 855 860 865 887 896

730 - Subcategory

An alphanumeric identifier to represent the subcategory to which the item belongs

TYPE=**AN** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

ID1

TRANSACTION SETS USED IN

896

731 - Transit Direction Code

Code identifying the point of origin and point of direction TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
TD5

TRANSACTION SETS USED IN
180 286 317 830 832 838 840 843 850 852 853 855 856 857 860 861 862 865 870

CODE	DEFINITION & EXPLANATION
BS	Buyer to Seller
SB	Seller to Buyer
SC	Subcontractor to Seller
SD	Seller to Drop-Ship Designated Location
SF	Seller to Freight Forwarder
SS	Seller to Subcontractor
ZZ	Mutually Defined

732 - Transit Time Direction Qualifier

Code specifying the value of time used to measure the transit time TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

TD5

TRANSACTION SETS USED IN

180 286 317 830 832 838 840 843 850 852 853 855 856 857 860 861 862 865 870

CODE	DEFINITION & EXPLANATION
AA	Air Hours
AD	Air Days
CD	Calendar Days (Includes weekends and Holidays)
CW	Calendar Weeks (7 Day)
HO	Hours
SD	Surface Days
SH	Surface Hours
WD	Working Days (Excludes weekends and holidays)
WW	5 Day Work Week
ZZ	Mutually Defined

733 - Transit Time

The numeric amount of transit time

TYPE=**R** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

TD5

TRANSACTION SETS USED IN

180 286 317 830 832 838 840 843 850 852 853 855 856 857 860 861 862 865 870

734 - Hierarchical Parent ID Number

Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to

TYPE=**AN** MIN=**1** MAX=**12**

SEGMENTS USED IN (AS SIMPLE)

HL

TRANSACTION SETS USED IN

105 111 112 113 132 133 148 155 157 179 186 187 194 196 242 245 248 267 270 271 274 276 277 278 284 286 500 536 561 625 650 805 811 816 837 841 842 847 856 857 858 863 869 870

735 - Hierarchical Level Code

Code specifying the characteristic of a level in a hierarchical structure TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
HL

TRANSACTION SETS USED IN
105 111 112 113 132 133 148 155 157 179 186 187 194 196 242 245 248 267 270 271 274 276 277 278 284 286 500 536 561 625 650 805 811 816 837 841 842 847 856 857 858 863 869 870

CODE	DEFINITION & EXPLANATION
0	Region
1	Service/Billing Provider *Code identifying the telecommunications company providing service/billing*
2	Billing Arrangement *Code identifying a specified billing arrangement*
3	Sub-Billing Arrangement *Code identifying a more detailed billing arrangement*
4	Group
5	Category *Code identifying the sub-division of the group*
6	Sub-Category *Code identifying a further breakdown of the category*
7	Type *Code identifying a further breakdown of the sub-category*
8	Charge Detail *Code identifying the lowest level of charges within a billing arrangement*
9	Line Detail *Code identifying the supporting detail associated with the charge or group*
A	Assembly
B	Buyer's Location
C	Date
D	Product Description
E	Transportation Equipment
F	Component
G	Quality Characteristics *A historical record of product quality characteristics and or discrepancies for a given item of supply*
H	Bill of Materials
I	Item
J	Part Characteristic
K	Kit
L	Supplier's Location
M	Measurement
N	Site of Service

O Order
P Pack
Q Subpack
R Quantity
S Shipment
T Shipping Tare
U Subassembly
V Address Information
The HL loop will identify entities associated with the shipment notice transaction
W Transaction Reference Number
The HL loop will identify shipment notice information for each reported transaction reference number
X Serial Number
Serial numbers applicable to a referenced item of supply
Y Suffix
The HL loop will identify shipment notice information for each reported suffix
Z Guarantor
19 Provider of Service
20 Information Source
Identifies the payer, maintainer, or source of the information
21 Information Receiver
Identifies the provider or party(ies) who are the recipient(s) of the information
22 Subscriber
Identifies the employee or group member who is covered for insurance and to whom, or on behalf of whom, the insurer agrees to pay benefits
23 Dependent
Identifies the individual who is affiliated with the subscriber, such as spouse, child, etc., and therefore may be entitled to benefits
24 Supergroup
25 Subgroup
26 Member
27 Ancillary Facility or Department
28 Hospital
29 Franchisor
2A Branch
2B Direct Affiliate
Company in which a business owns a minority share
2C Director
2D Headquarters
2E Indirect Affiliate
Company where relationship is through management and/or stockholders
2F Management Antecedents
2G Management or Principal
2H Parent Company
2I Stockholder
2J Subsidiary

2K Ultimate Domestic Parent Company
Top parent in the family tree located in the country

2L Ultimate Parent Company
Top parent in the family tree

30 Franchisee

31 Franchisee Association

32 Health Industry Business Communications Council (HIBCC) Health Industry Number (HIN) Database

33 Activity

34 Location Record

35 Company/Corporation
Any company or business

36 Operating Unit
Any operating business unit within a company or corporation

37 Property
Any, building, structure, or body of land that is considered a single thing

38 Tradename
A name by which the public identifies a business or product that is owned by a company or business

39 Accountant

40 Financial Institution

41 Product Level

42 Activity Details

43 Payment Summary Score

44 Corporate Registration Filings

45 Bankruptcy Details

46 Company History

47 Complete Financial History

48 Balance Sheet

49 Comparative Figures

50 Payment Analysis

51 Special Notification

52 Public Record Financing Details

53 Public Record Financing Summary

54 Public Record Claim Details

55 Public Record Claim Summary

56 Statement of Work
A part of a description of what work needs to be performed under a contract

57 Legal Action Details

58 Legal Action Summary

59 Company Evaluation

60 Company Summary

61 Credit Scores

62 Industry Averages

63 Referring Provider

64 Employee
65 Insurance Policy
66 Vehicle
67 Key Contributor
68 Public Record Summary
69 Delinquency Projections
70 Temporary Services Detail
71 Overnight Shipping Detail
72 Medical Supply Detail
73 Equipment Leasing Detail
AA Insurer
AB Claim Administrator
AC Insured
AD Administrative Information
AE Car Rental Detail
AF Lodging Detail
AG Agent
AH Transportation Detail
AI Purchase Card Detail
AJ Alternate Taxing Authority
AL Alternate Specification - Lift Level
Designates the hierarchical level detail specifications of the largest warehouse/shop floor applications; alternate specification to be used as an option when the primary can not be provided
AM Amount Information
AP Credential Action
AS Animal Subject Group
AT Account
BD Building
BE Business Entity
BP Body Part
BT Batch
CB Contractholder Branch Office
CC Cost Center
A location to which incurred costs accrue
CE Cost Element
A element of cost within a total proposed price
CH Contractholder
CI Cause of Injury
CL Claimant
CN Container
CO Consortium
CP Client or Party

CT Cost Type
A breakdown of the type of cost being incurred
CV Coverage, Rider, or Supplementary Benefit
DG Drawing
DM Damage
DP Department
An organization entity within a larger business entity
DS District
EB Filer
EC Receipts
ED Engineering Data List
EF Expenditures
EG Receivables
EH Payables
EI Organizational Information
EL Exhibit Line Item
A number for a document referenced in and appended to a procurement instrument that establishes a delivery requirement
EM Employer
EN End Item
EV Event
EX Exception
FC Function Code
A function within a larger set describing the total work to be performed
FG Functional Group
FI Financial Information
FL Fleet
FR Frame
GC Group Coverage Options
GP Group Purchasing Organization
GW Group Work Candidate
HE EPA Waste Number Subsection
HP Waste Profile Sheet
IA Subline Item
A subdivision of the line item, typically used to describe a separate point of delivery
IB Contract
An agreement between partners
IC Contract Data Requirements List (CDRL)
IN Interchange
IS Installments
IT Institution
IV Individual
JU Jurisdiction
KA Accident History
KB Chemical

KC Control Device
KD Discharge
KE Emergency Response Plan
KF Emission
KG Emission Activity
KH Emission Release Point
KI Emission Unit
KJ Flammable Mixture
KK Flammables Alternate Release
KL Flammables Worst Case
KM Hazardous Waste Generation
KN Hazardous Waste Received
KO Off-Site Process
KP On-Site Process
KQ Parameter
KR Prevention Program
KS Process
KT Reduction and Recycling
KV Toxics Alternate Release
KW Toxics Worst Case
KX Transfer
LD Lender or Mortgage Company
LN Loan Data
LP Party to the Loan
ML Manufacturing Level
Nesting category for use in the HL segment that defines manufacturing or processing stages associated with specification, characteristics, controls, activities, or measurements
NI Nature of Injury
NS National Stock Number
OS Support
PA Primary Administrator
PB Personal Property
PC Project Code
A part of a larger effort
PD Procedure
PE Person
PH Product Characteristic
PI Property Identification
PK Property Tax
PL Primary Specification - Lift Level
Designates the hierarchical level detailing specifications of the largest unitized configuration to be handled mechanically in warehouse/shop floor applications; "primary" indicates preferred or mandatory, and all subsequent "HL" segments contain specifications of upper or interior levels of the lift level as required
PP Related Parties

PR Principal
An entity granting authority to another to act in its behalf, such as a lobbyist's principal or an entity granting power of attorney.
PS Property Segment Group
PT Patient
PY Payment Detail
RA Reporting Agency
RB Response
RC Response Details
RD Response Sub-details
RE Response Particular
RF Medication
RG Recommendation
RH Review History
RL Reference Location
RM Room
RP Report
The level of the hierarchical structure used to identify basic report information
S1 Site
S2 Sample
S3 Test
SA Secondary Administrator
SB Substitute
SC Subcontract Line Item
A further subdivision of a contract line item number, used for information or when a separate delivery is involved
SD Support Document
SE Subexhibit Line Item
A further subdivision of a contract exhibit line item
SF Safety Fitness
SG Safety Factor
SH Sheet
SI Source of Injury
SL Solicitation
SP Sub-Project
SR Subroom
SS Services
ST State
SY System
TA Taxing Authority
TD Tax Delinquency
TI Technical Information Package
TS Transaction Set
TU Traffic Unit

TX Tax Installment

UT Unit or Lot

VI Violation

WB Work Breakdown Structure
An individual element of work portrayed in tree structure stages of the total performance of a contract

WC Work Candidate
Identifies a maintenance or repair requirement

WL Well

WP Well Completion

WR Wellbore

ZZ Mutually Defined

736 - Hierarchical Child Code

Code indicating if there are hierarchical child data segments subordinate to the level being described

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

HL

TRANSACTION SETS USED IN

105 111 112 113 132 133 148 155 157 179 186 187 194 196 242 245 248 267 270 271 274 276 277 278 284 286 500 536 561 625 650 805 811 816 837 841 842 847 856 857 858 863 869 870

CODE	DEFINITION & EXPLANATION
0	No Subordinate HL Segment in this Hierarchical Structure.
1	Additional Subordinate HL Data Segment in this Hierarchical Structure.

737 - Measurement Reference ID Code

Code identifying the broad category to which a measurement applies TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

MEA STA

TRANSACTION SETS USED IN

112 135 142 155 159 160 175 179 180 185 187 195 196 204 219 220 228 262 280 284 285 286 304 353 404 410 412 417 424 426 470 500 501 511 536 603 620 625 650 810 811 819 830 832 836 837 838 840 841 842 843 844 845 846 847 848 849 850 853 855 856 857 858 859 860 861 863 865 866 867 869 870 873 888 890 892 897 940 945

CODE	DEFINITION & EXPLANATION
9L	Ninth Layer
AA	Meter reading-beginning actual/ending actual
AB	Average Balance
AC	Maximum Balance
AD	Serving Specifications
AE	Meter reading-beginning actual/ending estimated
AF	Actual Total
AG	Compliance Total
AH	Gross Compliance Total
AI	Net Compliance Total
AJ	Effectiveness
AK	Penetration
AL	Exposure
AM	Capacity
AN	Work
AO	Account Opened Period
AP	Apartments
AQ	Amount Owes
AR	Annual Result
AS	Modified Exposure
AT	Pro Rata Factor
AU	Sample
AV	Average Reading
AW	Relative Humidity
AX	Alcohol
BA	Base Point
BB	Bank Balance
BC	Billed Actual
BD	Billed Dimensions
BL	Bundle Limitation

BM Base Metal
Original or base product to which coatings are to be applied

BN Billed Minimum

BO Meter Reading as Billed
Used when billing charges are based on contractual agreements or pre-established usage and not on actual usage

BP Bearing Piece Limitation

BR Billed History

BT Batch Limits
Limits set on test results from all product made for one unit or period of production

BZ Batten Size

C1 Conformance Property Status

CA Coating
Material or product added to another product (base metal) to enhance its characteristics

CB Condominium

CC Cooperative

CF Conversion Factor

CG Average Owing

CH Chemistry

CJ Current Balance

CK Discounted Checks

CL Drafts

CM Commercial

CN Core Notch Dimensions

CO Concentration

CP Letter of Credit Size

CQ Payment Orders

CS Core Size

CT Counts

CU Pledge Size

CV Cumulative Test Period
The total period during which a series of tests are conducted

CW Promissory Notes in Force

CY Secured Amount

DE Defects

DN Dunnage Dimension

DR Per Drop

DS Defect Size

DT Dimensional Tolerance

EA Meter reading-beginning estimated/ending actual

EE Meter reading-beginning estimated/ending estimated

EF Evaluation Factors

EL Electrical Characteristics

EN Environmental Conditions
The data values to be reported reflect the environmental conditions surrounding a situation

including but not limited to test environments

FC First of Campaign Result

FD Finished Dimensions
Dimensions of the final or end-use product

FH Radio Operations

FJ Antenna Characteristics

FV Firing Values

FZ File Size

GC Contractor Delivery Limitations

GL Guidelines

GO Government Ordering Limitations

GP Ordering Period Limitations

HC High Credit Average

HR Historical Result

ID Industrial

IG Ingredient

IN Incrustation

IR Interpolated Result
A test result value calculated by interpolation between two physical tests

LC Limited Weight/Size Coils

LD Load Planning Dimensions

LG Loans Granted

LL Lift Limitation

LM Layer of Multiple Layered Product

LP Last Sold Period

LS Lot Status

LT Lot Limits
Limits set on test results from all product contained in a single shipment (which may involve any multiple or fraction of transportation carrier units) to one customer

MA Accuracy

MB Activity Period Result

MC Average Daily Limit

MD Design Capacity

ME Map Scale

MF Maximum Daily Limit

MI Minerals

MP Maturity Period

MR Base Material Result

NC Net Change

NE Neighborhood

NS North American Industrial Classification System (NAICS) Size Standard

NU Nutritional

NX Net Explosive Weight

OD Ordered Dimensions

OG Original
OL Order Limits
OP Other Property
P1 Platform Limitation
PA Pallet Dimensions
PB Receivership Period
PC Parting Cut (Sawcut)
PD Physical Dimensions
PI Project Incomplete
PJ Project Complete
PK Package Dimensions
PL Package Limitations
PM Permitted
The condition or activity approved by the appropriate regulatory agency
PO Position
PR Product Dimension Range Price Bracket
PS Product Characteristic Specification
PT Pretest Period
The nominal period that a tested device is preconditioned
PU Planned Urban Development
PY Property
QR Quarterly Result
QV Quantity Variation
R1 Opening Reading
R2 Closing Reading
RA Reject Amount
RB Repair Size
RG Regulatory Limit
RL Receiving Facility Limitations
RN Lengths Limitation
RO Roll Limits
Limits set on test results from one roll of product shipped to a customer
RP Relative Position
RQ Requested
The condition or activity submitted for approval by the appropriate regulatory agency
RS Response Time
RT Replacement
SA Spacing/Margin
SB Single Family
SC Standard Industrial Classification (SIC) Code Size Standards
SD Shipped Dimensions
SE Property Specifications
Indicates that the data to follow are target specifications
SF Shelf Life

SG Serged Physical Dimensions
Serged or bound dimensions of a product.

SH Shipping Tolerance

SI Selling Dimensions

SJ Subject Phase

SK Skid Dimensions

SL Skid Limitations

SM Shade

SP Splices

SR Surface Roughness

SS Serving Size

ST Surface Treatment

SU Surface

SZ Subject Property

TA Two to Four Family

TD Splice Tape Dimensions

TE Temperature

TI Time

TL Transportation Equipment Limitations

TO Total Dimensions

TP Test Period
The nominal period that a test is conducted

TR Test Results
Indicates that the data to follow are the results test measurements

TS Single Test Limits
Limits set on each measurement of the specified product characteristic or manufacturing process so that any single test whose value falls outside these limits causes the product or process to be declared out-of-specification

TT This Type Property

VD Variant Days
The number of days to be subtracted from the shelf life

VI Vitamin

VT Vacant

WA Waste Amount

WR Warranty

WT Weights

ZA Multi - Family

ZB Allergen

ZP Log Zero Point of Reference
The physical location on the well, measured above or below the ground surface, from which the wireline well log measurements, such as the kelly bushing and casing head flange, are adjusted

738 - Measurement Qualifier

Code identifying a specific product or process characteristic to which a measurement applies

TYPE=**ID** MIN=**1** MAX=**3**

COMPOSITE DATA STRUCTURES USED IN
C081

SEGMENTS USED IN (AS COMPONENT)
CTI TRP

SEGMENTS USED IN (AS SIMPLE)
CHI CID DAY MEA NF4 NF5 NF6 NF7 NF8 NFC PMP SLS STA TRD VIT

TRANSACTION SETS USED IN
112 135 142 143 155 159 160 175 179 180 185 187 195 196 204 219 220 228 244 262 280 284 285 286 304 353 404 410 412 417 424 426 470 500 501 511 536 603 620 625 650 810 811 819 830 832 836 837 838 840 841 842 843 844 845 846 847 848 849 850 853 855 856 857 858 859 860 861 863 865 866 867 869 870 873 888 890 892 897 940 945

CODE	DEFINITION & EXPLANATION
1	Control Efficiency
2	Capture Efficiency
3	Photonflux Density
4	Throughput Rate
5	Cloud Cover
6	Velocity
7	Plume Height
8	Individuals
9	Storage Limits
A	Consolidated Weight
B	Billed Weight
C	Actual New Repeated for Combination
D	Destination Weight Agreement
E	Estimated New Weight
F	Deficit Weight
G	Gross Weight
H	Ground Water Reference Point *Elevation of Ground Water Relative to the Mean Sea Level*
I	Heat Input
J	Dried Equivalent *The equivalent quantity amount of dried ingredient to an ingredient found in the product.*
K	Battery Capacity *The capacity of a battery represents the maximum amount of energy that can be extracted from the battery under certain specified conditions.*
L	Legal Weight
M	Minimum Weight (for Weight)
N	Actual Net Weight

O Excess Weight Over Maximum
P Cannabinoid Total Amount
The amount of a cannabinoid type in the product.
Q Volatile Organic Compounds Plus Water
R Per Unit Dunnage
S State Weight
T Tare Weight
U Weight per Unit
V Oxygenation Level
W Reformulated Fuel Level
X Maximum Weight (for Rate)
Y Cannabinoid Discrete Unit Amount
The amount (per unit or unit of use) of a cannabinoid type in the product.
Z Terpene Amount
The anticipated amount of all terpenes per 1g of product.
10 Painting Costs
11 Structural Costs
12 Appliances
13 Utilities
14 Carpet or Floors
15 Other Repairs
16 Landscaping
18 Roof
19 Windows
1F Radio Frequency
20 Cleaning or Trash Removal
21 Probable Sales Price
22 Proximity
23 Repairs and Improvements
24 Contributory Value of Repairs and Improvements
25 Marketing Time
26 Closed Comparable Sales
27 Competitive Listings in Price Range
28 Financing Concessions
29 Marketing Concessions
2F Alternate Radio Frequency
30 Probable Net Price
31 Suggested Initial List Price
32 Value Change
33 Probable Final Value
34 Occupancy Rate
35 Number of Living Units
36 Number of Phases
37 Number of Active Listings

38 Price Active Listings
3A Target Depth
3B Current Depth
3C Total Depth
3D Well Test Before Oil
3E Well Test Before Gas
3F Well Test Before Water
3G Well Test After Oil
3H Well Test After Gas
3I Well Test After Water
3J Estimated Depth of Operations
40 Price Per Gross Living Area
41 Built-up Rate
42 Vacant Rate
43 Typical Rents
44 Neighborhood Apartment Vacancy
45 Number of Admissions
48 Cost of Hire
49 Frontage
4F Squelch Tone
50 Gross Sales
51 Number of Employees
52 Payroll
53 Per Capita or Each
54 Remuneration
56 Total Cost
57 Total Mileage
58 Number of Rating Units
5F Height above Ground
62 Garage Employee Payroll Maximum
63 Employee Gross Wage Less Allowable Deductions
65 Garage Employee Average Hours Worked Per Week
66 Garage (Dealers) Employee Weeks Worked
67 Bonus Size Amount
Additional product offered by the manufacturer, also known as a special deal for the purchaser
68 Gross Wage
6F Gain
78 Subcontractor - Labor and Materials
79 Subcontractor - Labor Only
8F Directional Height above Average Terrain
A1 Acids
A value, normally shown as a percent of the total, showing the content of all acidic structures contained in a solution of a known product

A2 Adsorption
A value defining the adhesion in an extremely thin layer of molecules (as of gases, solutes, or liquids) to the surfaces of solid bodies or liquids with which they are in contact

A3 Aging Time
The time taken, once a product has been initially manufactured, to come to a desired quality through undisturbed rest or curing; also, the time taken to bring to a desired use or maturity

A4 Aromatics
A value, normally shown as a percent of the total, showing the content of all molecules in a product containing at least one benzene ring

A5 Average Differential Pressure
Average difference between the upstream and downstream pressure through an orifice plate; expressed in inches of water

A6 Average Static Pressure
Pressure of the flowing gas stream; expressed in pounds per square inch

A7 Flame Projection Distance
The distance that a flame would project from an aerosol can containing the subject material if ignited

A9 Exposure
A measure of the quantity of a specified form of energy or mass coming into contact with another specified object or space

AA Alternating Current

AB Activation Energy

AC Actinium

AD Ambient Temperature

AE Argon

AF Angle of Bend

AG Americium

AH Astatine

AI Acidity

AJ Aim Gage
Physical dimension a producer is to "aim" toward producing or supplying

AK Volatile Organic Compounds (VOCs)
Organic compounds whose existence is calculable or detectable by methods specified by the U.S. Environmental Protection Agency

AL Spine Show

AM Average Speed

AN Flute Test

AO Alcohol
Content of Alcohol for the product based on the serving size provided

AP Average Pressure

AR Beta Carotene
The vitamin Beta Carotene in the product based on the nutritional serving size provided

AS Ash Fusion Temperature

AT Additive

AU Number of Units Projected

AV Age

AW Remaining Economic Life

AX Remaining Physical Life

AY Number of Comparable Sales

AZ Arbor Size

B0 Blemishes

B1 Base Number
A number that identifies the ability of a compound to react with an acid to either take up a proton from the acid or to give up unshared electrons to an acid to form a salt

B2 Number of Comparable Listings

B3 Present Land Use

B4 Subject Phase Dwelling Units

B5 Octanol/Water Partition Coefficient
A scientific measure of the relative solubility of a material in octanol versus its solubility in water

B6 Total Project Dwelling Units

B7 Biotin
The mineral Biotin in the product based on the nutritional serving size provided

B8 Carbohydrates
Carbohydrates in the product based on the nutritional serving size provided

B9 Cholesterol
Cholesterol in the product based on the nutritional serving size provided

BA Barium

BB Beryllium

BC Billet Size

BD Bias

BE Boron Factor

BF Brinell

BG Berkelium

BH Bromine

BI Edible
Indicates what % of the product is edible. The serving size is based on the edible portion of food and not on inedible components, e.g. bone, seed, shell, etc.

BJ Burst Index
The burst pressure of a paper or pulp sheet expressed per unit basis weight

BK Bulk

BL Blisters

BM Energy
Energy in kilojoules for the product based on the nutritional serving size provided

BN Bend
The ability of the product to undergo bending operation in forming

BO Lateral Bow (Camber)

BP Boiling Point

BQ Breaks

BR Brightness

BS Folate
Folate in the product based on the nutritional serving size provided

BT Bursts

BU Buckles

BV Moisture Loss %
The % of moisture loss after cooking the product

BW Basis Weight

BX Blood Alcohol

BY Monounsaturated Fat
Monounsaturated Fat in the product based on the nutritional serving size provided

BZ Niacin-B3
The vitamin Niacin B3 milligrams for the product based on the nutritional serving size provided

C0 Color Grade

C1 Carbonyl
The measurement of the bivalent carbon-oxygen radical occurring in aldehydes, ketones, carboxylic acids, esters, acid halides, and amides; also, the measurement of the compound carbonyl radical with a metal

C2 Catalyst
The measurement of any number of substances used in the production of a final product or retained in the final product that initiates a chemical reaction and enable the product to proceed under milder conditions than otherwise possible

C3 Maximum Contraction
A result from a process that measures the total contraction of a sample

C4 Color Quadrant

C5 Omega 3 Fatty Acids
The Omega 3 Fatty Acids in grams for the product based on the nutritional serving size provided

C6 Omega 6 Fatty Acids
The Omega 6 Fatty Acids in grams for the product based on the nutritional serving size provided

C7 Organic Acids
The content of Organic Acids in milligrams for the product based on the nutritional serving size provided

C8 Pantothenic Acid
Pantothenic Acid in the product based on the nutritional serving size provided

C9 Polyunsaturated Fat
Polyunsaturated Fat in the product based on the nutritional serving size provided

CA Caliper

CB Protein
Protein in grams for the product based on the nutritional serving size provided

CC Celsius

CD Compression

CE Capacitance In

CF Capacitance Out

CG Cadmium

CH Cesium

CI Curium

CJ Cycle Time

CK Californium

CL Cladding Thickness(% of Composite Thickness)
CM Cures
CN Chlorine
CO Core Loss
CP Crimp
CQ Cuts
CR Crosswise Spacing
CS Cross Section
CT Center-to-center
CU Coil Curvature
CV Riboflavin-B2
The vitamin Riboflavin in the product based on the nutritional serving size provided
CW Cuttable Width
CX Calculated Value
CY Contamination
The yellowness of cotton; correlates with the spotted and light spotted part of the classer grade; higher values represent more yellowness
CZ Saturated Fat
Saturated Fat in the product based on the nutritional serving size provided
D0 Diacetyl
D1 Maximum Dilatation
A result from a process that measures the total expansion of a sample
D2 Dispersing Agent
The measurement of the amount of substance that promotes the formation and stabilization of a dispersion of one substance in another
D3 Drying Agent
The measurement of the amount of substance in a product that is used to extract liquid from either the manufacture or use of a product
D4 Dry Point
A temperature measurement used in a distillation process to identify the temperature at which a product becomes dry
D5 Wear
Measure of deterioration
D6 Horizontal
D7 Distillation Fraction
D8 Vertical
D9 Dots per Inch
DA Delta Value A
DB Delta Value B
DC Ductile Class
DD Depth of Dents
DE Defects
DF Distance Across Flats
DG Direct Current
DH Dysprosium

DI Diameter
DJ Dominant Wave Length
DK Color Bits in Palette
DL Delta Value L
DM Dual Amplitude
DN Density
DO Compressed File Size
DP Depth
DQ Soluble Fibre
Soluble Fibre in the product based on the nutritional serving size provided
DR Delta R
Planar variation of r value which is defined by the following equation: (r0 - 2r45 + r90)/2
DS Distance Between Points
DT Distance From Base Point
DU Draw Tension
DV Starch
Total Starch in the product based on the nutritional serving size provided
DW Width, Boxcar Door
DX Sugar
Total Sugar in the product based on the nutritional serving size provided
DY Dyeability
DZ Sugar Alcohol
The Sugar Alcohol content in grams and % of DV/RDI (Daily Value / Recommended Daily Intake) for the product based on the serving size provided
E0 Extraneous Matter
E1 End
Identifies a value measured at the end of a testing process or range of test results
E2 Thiamin-B1
The vitamin Thiamin in the product based on the nutritional serving size provided
E3 Total Dietary Fibre
Total dietary fibre in the product based on the nutritional serving size provided
E4 Total Fat
Total Fat in the product based on the nutritional serving size provided
E5 Transfatty Acids
Transfatty Acids in the product based on the nutritional serving size provided
E6 Vitamin B12
Vitamin B12 in the product based on the nutritional serving size provided
E7 Vitamin B6
The Vitamin B6 in the product based on the nutritional serving size provided
E8 Vitamin C
Vitamin C in the product based on the nutritional serving size provided
E9 Vitamin D
Vitamin D in the product based on the nutritional serving size provided
EA Elongation
EB Edge Burr
EC English Coil Dimensions

ED Eddy
EE Einsteinium
EF Europium
EG Equivalent Temperature
EH Erbium
EI Expansion
EJ Electrical Conductivity
EK Vitamin E
Vitamin E in the product based on the nutritional serving size provided
EL Elasticity
The springiness or rebound of a deformed material
EM Elmendorf Tear
EN Entanglement
EO Vitamin K
Vitamin K in the product based on the nutritional serving size provided
EP Exciting Power
ES Edge
ET End Point
EW Empty Weight
EX Eccentricity
F0 Fat
F1 Fire Point
The measurement of the temperature at which combustion initially begins for any number of substances
F2 Radiated Power
F3 Output Power (Peak Envelope)
F4 Height above Average Terrain
F5 Ground Elevation
F6 Height to Tip
F7 Radius from a Location
F8 Radius from Coordinates
F9 Operating Hours
FA Fluorine
FB Flare
FC Short Cycle Flatness
FD Frequency of Operation
FE Fermium
FF Francium
FG Freezing Point
FH Finish
FI Filament Count
FJ Face Width
The width of the oscillate wound material
FK Fluid Consistency
Descriptor of a fluid expressed as the ratio, by weight, of total suspended solids to liquid

FL Longitudinal Flatness

FM Dietary Folate Equivalents
Folate, Dietary Folate Equivalents in micrograms for the product based on the nutritional serving size provided

FN Flatness

FP Flashpoint

FQ Frequency

FR Flow Rate

FS Fold Strength

FT Flange Thickness

FU Azimuth

FV Transverse Flatness

FW Flange Width

FX Filler

FY Beam

FZ Output Power (Mean RF)

G1 Gutter

G2 Grain Size
The internal grain morphology of a sample

G3 Tilt

G4 G-Force

GA Grain

GB Guided Bends Root

GC Gadolinium

GD Gold

GE Guided Bends Face

GF Guided Bends Side

GG Gauge

GH Gallium

GI Grit, Brushed
The percentage of a sample of TiO2 (water dispersed) which remains on a 325 mesh screen after washing and brushing the screen and surface to break apart soft agglomerates

GJ Grit, Unbrushed
The percentage of a sample of TiO2 (water dispersed) which remains on a 325 mesh screen after washing the screen surface

GK Tinting Strength
A measure of the hiding power of a titanium dioxide sample obtained by comparing the green (Y) reflectance of a tinted waterbased formula against that of a standard

GL Gloss

GM Emulsion Gloss
The 60-degree gloss of a pigment sample in a waterbased paint formula

GN Gross to Net Conversion Factor

GO Particle End Point
The reading on a Hegman gauge, below the fineness line, at which the population of scattered particles stops

GP Group Package Separation

GQ Scattered Particles
The number of scattered particles (visible defects) in a drawdown on a Hegman gauge between the fineness line and the particle end point

GR Gravity

GS Carbon Black Undertone
The blue/amber ratio (Z/X) of the reflectance of a paste made of titanium dioxide and carbon black; a measure of the TiO2 particle size

GT Glass Transition Temperature
Temperature at which an amorphous material changes from a brittle to a plastic state

GW Gross Weight, Maximum

H1 Heavies
A relative term that is used to identify the weight percent of all molecules beyond the peak identified as the molecule being tested for in a gas chromatograph result; also, all molecules that have a boiling point higher than the molecule being tested

H8 Net Explosive Weight

H9 Recommended Exposure Limit
SEE CODE SOURCE 107

HA Hydro Pressure

HB Heavy Aluminas

HC Helium

HD High Propagation Delay Time
The time between the specified reference points on the input and output waveforms, with the output changing from the defined low level to the defined high level

HE Heavy Silicates

HF Hardness

HG Heavy Sulfides

HH Heavy Globular Oxides

HI Hafnium

HJ Holmium

HK Human Factors

HL Heat Loss
Quantity of original thermal energy removed

HM Height, Maximum

HO Holes

HP Height of Tread Plate Pattern

HR Height of Runners

HT Height

HZ Hazepoint

IA Imperfections - Thicks
Thick places in the yarn

IB Impact Energy

IC Incremental Distance

ID Inside Diameter

IE Imperfections - Thins
Thin points in the yarn

IF Input Low Voltage
IG Granulated Ingot Size
IH Input Current
II Input Setup Time
IJ Input Hold Time
IK Indium
IL Imperfections - Neps
Short, broken or immature fibers in the yarn
IM Iridium
IN Input Low Current
The current flowing out of input when a specified low-level voltage is applied to that input
IO Input High Current
The current flowing out of an input when a specified high level voltage is applied to that input
IP Input Leakage Current
The current flowing into an input when the maximum allowed voltage is applied to that input
IQ Input Clamp Diode Voltage
The most negative voltage at an input when the specified current is forced out of that input terminal
IR Ideal Diameter
IS Input High Voltage
IT Interrupt Pulse Period
IU Interrupt Setup Time
IV Iodine
IW Incrustation Factor
IX Inside Diameter, Minimum
IY Induction
Magnetic force
IZ Ingot Pound Size
JA Junction Temperature
KA Knoop
KB Krypton
KN K&N Holdout
L0 Leaf Grade
L1 Lights
A relative term that is used to identify the weight percent of all molecules below the peak identified as the molecule being tested for in a gas chromatograph result; also, all molecules that have a boiling point lower than the molecule being tested
L2 Nucleotides
L3 Polydextrose
L4 Sucralose
L5 Taurine
LA Lanthanum
LB Lithium
LC Low Propagation Delay Time
The time between the specified reference points on the input and output waveforms, with the

output changing from high level to the defined low level

LD Lawrencium

LE Lutetium

LF Long Fibers

LG Leg

LL Long Leg

LM Length, Maximum

LN Length

LO Long Length

LP Camber of Pattern Line

LS Short Leg

LT Lengthwise Spacing

LW Long Width

M1 Melt Range
A range of temperatures used to identify at what point compounds start to transform from a solid to a liquid state

M2 Maximum Differential Pressure
The largest differential pressure reading at which this device will measure the differential pressure accurately

M3 Maximum Static Pressure
Largest flowing gas pressure at which this device will measure volumes accurately

M4 Area

M5 Minimum Speed

M6 Maximum Speed

M7 Linoleic Acid

M8 Linolenic Acid

M9 Aspartame

MA Mean Average

MB Mendelevium

MC Min./Max Cuttable Width

MD Measurement Voltage
The reference voltage level on AC waveforms for determining AC performance

ME Maximum Input Low Voltage
The guaranteed input low threshold

MF Minimum Input High Voltage
The guaranteed input high voltage

MG Mercury

MH Melting Point

MI Minimum

MJ Major Section (Stepped)

MK Microseperometer (MSEP)

MM Management

MN Minimum Average

MO Mottles

MP Mullen Pop

MQ MCQuaid
Austenitic grain morphology of a sample

MR Module R (R Bar)
Ratio of true width strain to true thickness strain; indicates the ability of the material to resist thinning and deform in draw

MS Minor Section (Stepped)

MT Moisture Content

MU Multiplier

MV Maximum Average

MW Molecular Weight

MX Maximum

MY Magnetizing Field

N1 Acesulfame-potassium

N2 Arachidonic Acid (ARA)

N3 Choline

N4 Docosahexanoic Acid (DHA)

N5 Galactooligosaccharides (GOS)

N6 Inositol

N7 L-Carnitine

N8 L-Methionine

N9 Lutein

NA Number per Package

NB Number per Bundle

NC Number per Coil Group

ND Neodymium

NE Niacin Equivalent (NE)
Niacin Equivalents (NE) units are used to express niacin content of food. It represents preformed niacin plus tryptophan equivalents (60 mg tryptophan = 1 mg niacin)

NF Neon

NG Nobelium

NH Number of Items per Package Label

NI Number of Splices per Package Label

NJ Number of Sheets per Package Label

NK Nesting Factor

NL Number per Lift

NM Number Pkgs. per Master Pack

NO Nominal (Target, Aim)

NP Percent of Specified

NS Number per Skid

NU Number per Unit

NV N Value
The work hardening rate capability of material and predicts the ability to deform in stretch, plane strain, and bending

NZ Nutritional Facts Calculation Size

O1 Orifice - Inside Diameter

OA Offset

OB Osmium

OC Output Low Voltage
The maximum guaranteed low voltage at an output terminal sinking the specified load-current output low current

OD Outside Diameter

OE Output Low Current
The current flowing into an output which is in the low state

OF Output High Voltage
The minimum guaranteed high voltage at an output terminal for the specified output current 'output high current' and at the minimum VCC value

OG Output High Current
The leakage current flowing into a turned-off, open-collector output with a specified high output voltage applied

OH Overhead Height, Receiving Door

OI Output Off Current Low
The current flowing out of a disabled three-state output with a specified low output voltage applied

OJ Output Off Current High
The current flowing into a disabled three-state output with a specified high output voltage applied

OK Output Short-Circuit Current
The current flowing out of an output which is in the high state when that output is short circuit to ground

OL Output Disable Time from Low Level of a 3-State Output
The delay time between the specified reference points on the input and output voltage waveforms with the three-state output changing from the low level to a high impedance 'off' state

OM Outside Diameter, Maximum

ON Output Disable Time from High Level of a 3-State Output
The delay time between the specified reference points on the input and output voltage waveforms with three-state output changing from the high level to a high impedance 'off' state

OO Output Enable Time from Low Level of a 3-State Output
The delay time between the specified reference points on the input and output voltage waveforms with the three-state output changing from the high impedance 'off' state to the low level

OP Openness

OQ Output Enable Time from High Level of a 3-State Output
The delay time between the specified reference points on the input and output voltage waveforms with the three-state output changing from high impedance 'off' state to the high level

OR Distance Between Outside Runners

OS Open Circuits

OT Output Delay Time

OV Opacity

OW Overall Width

OX Ownership Share

OY Operating Weight
P1 Price
P2 Percent Daily Value (DV) / Recommended Daily Intake (RDI)
PA Package Separation
PB Pressure
PC Per Hundred Linear Yards
PD Platinum
PE Potassium
PF Promethium
PG Polonium
PH Pulse Setup Time
The interval immediately preceding the active transition of the timing or preceding the transition of the control input to its latching level
PI Pulse Hold Time
The interval immediately following the active transition of the timing pulse or following the transition of control input to its latching level
PJ Pulse Width
The time between the specified reference points on the leading and trailing edges of a pulse
PK Pulse Recovery Time
The time between the reference point on the trailing edge of an asynchronous input control pulse and the reference point on the activating edge of a synchronous pulse input such that the device will respond to the synchronous input
PL Percent Defective
PM Practice
PN Palladium
PO Percent of Order (-, +)
Expression of allowable variance of order expressed either as absolute (for example 92% to 110%) or relative percent (for example - 8% to + 10%)
PP Powder/Paste Package Size
PQ Plutonium
PR Praseodymium
PS Protactinium
PT Pits
PU Pressure Base
PV Picks
PW Purchased Width
PX Purity
PY Percent of Water
PZ Pipe Size Nominal
QA Quality Index
QB Quantity or Loading Average
QC Quantity or Loading Maximum
QD Quality or Concentration Average
QE Quality or Concentration Minimum
QF Quality or Concentration Maximum

QG Duration
QI Abundance
QJ Biomass
QK Size Class
Classification of a Continuum Into Discrete Units
QL Quality
R1 Hemoglobin
R2 Hematocrit
R3 Epoetin Starting Dosage
R4 Creatinine
R7 Speed
R8 Speed Limit
R9 Retinol
RA Relative Humidity
RB Range Value
RC Radius of Corner
RD Readpoint
RE Ream Weight
RF Resistivity
RG Radium
RH Rhenium
RI Rubidium
RJ Rockwell-C
RK Rockwell-B
RL Reduction Ration
RM RMS Range (Side 1)
RN Required Interrupt Release
RO Reset Pulse Width
RP Reduction of Area
RQ Radon
RR Reduction Ratio
RS RMS Range (Side 2)
RT Rounds Ammunition/Military
RU Rhodium
RV Ruthenium
RW Rolling Width
RX Ridges
RY Ratio
S1 Smoothness
S2 Selvedge on Beam
S3 Sheffield Smoothness
S4 Surface Strength
S5 Stiffness

S6 Saturation
S7 Sediment
S8 Solubility
S9 Site Atmospheric Pressure
Ambient pressure of the metering location
SA Sort Code CIE LAB
SB Sort Code CMC
SC Schedule Number (Pipe Size)
SD Strength
SE Selvage Left
SF Samarium
SG Slit Width
Width into which a customer wants a material slit (cut) length wise
SH Strontium
SI Supply Current
The current flowing into the VCC supply terminal of the circuit with specified input conditions and open outputs
SJ Short Circuits
SK Shrinkage
SL Short Length
SM Shear
SN Stain
SO Sort Code CIE LCH
SP Splinter Count
SQ Shipped Quantity
SR Selvage Right
SS Silver
ST Stop Recovery Startup Time
SU Shipped Units
SV Scandium
SW Short Width
SX Sodium
SY Service Interrupt Duration
SZ Skid Height
T1 Tire Pressure
T2 Tube - Inside Diameter
T3 Technical
T4 Single End Break
Break point of a single strand of yarn expressed in grams
T5 Skein Break
Break strength of yarn in skein form
TA Thickness Heavy End (Tapered/Stepped)
TB Thickness Small End (Tapered/Stepped)
TC Temperature

TD Thin Aluminas
TE Tenacity
TF Tensile
TG Thin Sulfides
TH Thickness
TI Thin Silicates
TJ Total Supply Current
TK Timer Pulse Width
TL Tapered/Stepped Length Type
TM Length Type: Multiples
TN Timer Period
TO Terbium
TP Thorium
TQ Thin Globular Oxides
TR Length Type: Random
TS Length Type: Specific
TT Time
TU Technetium
TV Thallium
TW Top
TX Thulium
TY Tear Strength
UA Uranium
UG Usage
VA Vitamin A
Vitamin A in the product based on the nutritional serving size provided
VH Height, Van Door
VO Voltage
VW Width, Van Door
WA Weight per Unit of Area
WB Web
WC Web Depth/Height
WD Width
WE Wolfram
WF Wait Recovery Startup Time
WH Whiteness
WI Winding Loss
WL Wall Thickness
WM Width, Maximum
WR Wrinkles
WT Weight
WU Weight per Unit of Length
WX Wax Pick

XA Xenon
XH Side Height, Flat Bed With Removable Sides
XP Specified
XQ Squareness
XZ Spool Size
YA Yttrium
YB Yield
YC Ytterbium
YD Yarn Count
The length per unit mass of yarn
ZB Boron
ZC Carbon
ZD Load Factor
Relationship between watt hours and watt demand necessary to supply electric load
ZF Sulfate Sulfur
An oxidation product present in sulfur
ZG Organic Sulfur
The total sulfur less the percentage sums of sulfate sulfur and pyritic sulfur
ZH Hydrogen
ZN Nitrogen
ZO Oxygen
ZP Phosphorous
ZR Pyritic Sulfur
A heavy mineral (pyrite) found in sulfur
ZS Sulfur
ZV Vanadium
ZW Tungsten
AA1 Storage Temperature After Opening
Specifies the temperature at which the product is to be maintained after the seal has been broken and the product has been exposed to the environment.
AA2 Storage Temperarure After Removing Overwrap
Specifies the temperature at which the product is to be maintained after removing a product's protective overwrap or moisture barrier.
AA3 Storage Temperature After Reconstitution
Specifies the temperature at which the product is to be maintained after adding liquid to dilute or mix the product.
AAA Acetic Acid
AAB Aflatoxin (United States)
AAC Anethole Content
AAO Added Oil
AAP AC-apparent Power
Power measurement of a material subject to a magnetic induction
AAS Acid Solubles
ABO Absorbance
The negative base 10 logarithm of the ratio of the radiant power transmitted by a sample to the radiant power incident upon the sample

ABR Abrasion
The qualitative ability of a surface to wear, grind, and rub away or to be worn away

ABS Absorbency
The rate at which a specimen takes up liquids or the amount of liquid required to saturate the specimen

ACN Acid Number
The quantity of base required to titrate acidic constituents present

ADH Adhesion
The molecular attraction between two or more bodies in contact

ADM Dye Manufacturing Units

AGE Inventory Age
The age of inventory from the date or time of production to the present date or time

AGI Aggressive Index

ALK Alkalinity
The quantitative capacity of aqueous media to react with hydrogen ions

ALN Alkalinity Number
The quantity of acid required to titrate basic constituents present

ALP Alpha-Cellulose
The average molecular chain length of pure long-chain cellulose in pulp

ALT Alternate Measurement

AMI Amines
Content of basic compounds derived from ammonia by replacement of hydrogen by one or more univalent hydrocarbon radicals or other non-acidic organic radicals

AMW Average Molecular Weight
The average of the sums of the weights of molecules' constituent atoms in an object which contains more than one type of molecule

AMY Amylograph

ANT Antibiotics

AOE Ethyl Alcohol

AOX Antioxidant
A substance that increases a product's oxidation resistance

API API Gravity
A special hydrometer scale recommended for exclusive use in the U.S. Petroleum Industry for liquids lighter than water

APP Appearance
The visible impression of an item

ASA Acid Insoluble Ash

ASC Average Servings Per Case

ASH Ash
The inorganic component of product

ASY Assay
The quantitative determination of the amount of the major or active component of an item

ATP Alpha Tocopherol
Alpha Tocopherol in the product based on the nutritional serving size provided. Alpha Tocopherol is a type of vitamin E which is found in a variety of seeds, nuts and leafy green vegetables.

AVT Average Temperature

AXL Axle Length

BBC Broken Cookies

BBF Butterfat

BBX Brix

BDP Perforation Bottom Depth
The deepest depth below surface level for perforations in the well casing

BGL Beta Glucan

BHF Bottomhole Pressure - Flowing
Fluid pressure at the deepest depth in the well bore while production is flowing from the well; measured during well testing and completion operations

BHS Bottomhole Pressure - Shutin
Fluid pressure at the deepest depth in the well bore with the well annulus closed; measured during well testing and completion operations

BIC Bark in Chips
The ratio of tree bark to wood chips; indicates the level of one type of contamination in production of wood pulp

BND Amount Bound in Material
Amount that cannot be removed by volatilization, solvent extraction, or melting

BOR Boiling Range
The temperatures normally used or required to bring a substance to boil at different barometric pressures

BQP Base Quantity per Package
Actual mass of a raw chemical without the salt, contained within a single package. Calculation: Net weight of the package x Pure Base Ratio.

BRS Breaking Strength
The greatest longitudinal stress a substance can bear without tearing apart

BSW Percent Bottom Sediment and Water

BUD Bulk Density

CAA Citric Acid

CAF Caffeine

CAL Calories
A calorie is the amount of heat required to raise the temperature of one kilogram of water one degree Celsius

CAT Catch Weight

CAU Caustic Reaction Severity
The severity of chemical reaction due to caustic present as the primary reactant

CAY Case Yield

CCA Cinnamic Aldehyde

CCF Composite Corrected Factor

CCG Combined Center of Gravity

CCL Chocolate Liquor

CCT Cook Test

CFF Calories from Fat

CFI Crude Fiber

CFS Container Forward Setting
The distance attached appurtenances extend beyond the nose of the container

CGP CO2 Gas Production

CGR Color Grayness RD
Lightness or darkness of cotton

CHA Chemical Addition Rate
The quantity of chemical expressed by weight or volume added to manufacturing or testing process per unit of time

CHB Chlorophyll-a

CHC Concentration of Hazardous Component

CHG Rate of Change
The increase or decrease in polarity and amount of a change per unit of time

CHL Chlorides
Amount of chlorides in the water or brine produced from a well

CIV Cuene Intrinsic Viscosity
The average molecular weight of cellulose molecules in product

CLA Clarity
The clearness or transparency of an item

CLB Calibration

CLN Cleanliness
The impurities remaining in and/or on the product

CLO Chloramphenicol

CLS Calculation Size
Calculation basis used for the nutritional facts panel of a product

COC Canola Oil Coating

COF Coefficient Factor

COH Coercive Force
Magnetizing force at which magnetic induction is zero

COL Color
The aspect of appearance dependent upon the wavelength of incident, reflected or transmitted, and observed light

CON Concentration
The relative amount of a component of a sample of product containing multiple components

COR Corrosiveness
The ability to destroy gradually by chemical reaction

COS Cost

COT Content
The amount of specified material contained

COV Coverage
The statement from a manufacturer or supplier specifying the area that a product will cover. Examples: A statement that a gallon of paint will cover 300 square feet, or a statement that a carton of ceramic tile will cover 5 square meters

CPF Casing Pressure - Flowing
Fluid pressure within the casing, or outermost tubing used to isolate the well from the surrounding geology, while production is flowing from the well; measured during well testing and completion operations

CPP Count per Pound

CPS Casing Pressure - Shutin
Fluid pressure within the casing, or outermost tubing used to isolate the well from the

surrounding geology, with the well annulus closed; measured during well testing and completion operations

CPT Cup Test Adhesion
Quantitative calculation of galvanneal coating loss during cup formation

CRF Free Chlorine Residual

CRL Compression Relaxation

CRN Crown
Increase in the thickness or height of a rolled product at the center compared to the thickness at the edge

CRT Total Chlorine Residual

CSC Choke Size - Casing
The diameter of the orifice in the casing through which liquids flow

CSR Cost Realism

CST Choke Size - Tubing
The diameter of the orifice in the tubing through which liquids flow

CTB Classes that Blend

CTG Coating
Product applied to the top of a substrate or base

CTT Contact Time

CUR Curcumin

CUT Cure Time
The time required to prepare a product by chemical or physical processing for storage or use

CWT Charge Weight

CYB Color Yellowness (+B)

CYC Cyclamate
An artificial sweetener

CYS Cysteine
A semi-essential proteinogenic amino acid that is used as a food additive

DAT Datum Depth
Depth below ground surface at which a measurement is taken within a well

DBL Doubles

DCC Defect Contrasting Classes

DCK Dockage

DCT Dirt Count
The amount of visible contamination

DDW Defect Damaged Wheat

DEM De Minimis Level
A measurable level of significance below which a requirement does not apply

DFS Defect Skins

DHP Defect Hulls
Covers Hulls and Partial Hulls

DHW Defect Heat Damaged Wheat

DIA Diastase

DIK Defect Insect Damaged Kernels

DIL Dilution Factor; An amount by which a quantity is diluted in order to be read on an instrument scale

DIR Distillation Range
The temperature range in which a defined amount of material boils under specified conditions

DIS Dispersion
The ease with which one substance mixes with another

DLC Dial Count

DME Dichloromethane Extract
The volatile components of pulp products

DMF Distributed Meter Factor

DOC Double Olsen Cup
Visual observation rating zinc adherence after a cup forming operation

DOG Defect Other Grains

DPM Degree of Polymerization
The average number of monomer units per polymer molecule in product

DRS Dark Specs

DRW Drained Weight

DRY Dryness
A product specification in pulp, paper, and chemicals

DSK Defect Shrunken and Broken Kernels

DSP Defect Splits

DTO Defect Total

DWC Defect Wheat of Other Classes

DWP Dew Point
The temperature at which a vapor begins to condense

DXE Dextrose Equivalent

DXI Invert Sugar

DYC Dye Content

E90 Vitamin D3

EFC Effective Carbohydrates

EKA Vitamin E Acetate

ELC Exposure Ceiling: Threshold Limit Value

ELE Elevation

ELI Immediately Dangerous to Life and Health
A measurable level beyond which the most stringent safety measures, such as evacuation, must be taken

ELL Explosion Limit

ELO Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit

ELP Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit Ceiling

ELS American Conference of Government Industrial Hygienists (ACGIH) Threshold Limit Value: Short-Term Exposure

ELT American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value: Time Weighted Average

ELV Unshielded Exposure Rate

ELW American Industrial Hygienists Association (AIHA) Work Environment Exposure Level (WEEL)

ELX American Industrial Hygienists Association (AIHA) Work Environment Exposure Level (WEEL): Time Weighted Average

EMB Bones

EMD Ethoxylated Mono & Diglyceride

ENZ Enzyme

EO1 Vitamin K1

EOR Ethylene Oxide Residue

EPA Eicosapentaenoic Acid
Eicosapentaenoic acid (EPA), or icosapentaenoic acid, is an omega-3 fatty acid that is found in cold water fatty fish and used in fish oil supplements.

EPL Expected Product Life

ERY Erythritol
An organic compound, a type of sugar alcohol, used as a food additive and sugar substitute

ESO Essential Oil

EST Esterification

ETH Ethoxyquin

ETV Ethyl Vanillin Content

EVL Evaporation Loss
The amount of material lost under specified conditions

EVR Evaporation Rate

EXC Extractable Color

EXH Exhaust Benzene Emissions
Benzene emissions from the exhaust system

EXT Extractables
Material removed by solvent extraction

FAA Fat Acidity

FAI Fat As Is

FAN Falling Number

FAO Free Fatty Acid As Oleic

FAR Farinograph Arrival Time

FAW Face Weight
Pertaining to the top of a carpet, the ounce weight per square yard

FBP Acetate Break Point
The chemical reactivity of cellulose in the acetylation process

FBU Fat due to Butterfat

FCB Food Drug & Cosmetics (FD&C) Blue

FCM Fat left in Cooked Meat

FCR Food Drug & Cosmetics (FD&C) Red Number 4

FCY Food Drug & Cosmetics (FD&C) Yellow Number 5

FDB Fat on a Dry Basis

FEC Fenchone Content

FFA Free Fatty Acid

FIB Fiber

FIL Filter Number
The filterability of a solution expressed in units combining the porosity of the filter medium

and the time required for a standard volume of solution to pass through the filter at specific pressures

FIM Film Integrity Test

FIN Fineness
Mean fiber width in micrograms per inch

FIT Filterability
The ability of a substance to pass through a given medium under specified conditions

FIV Final Viscosity

FLD Fluid Point
The point at which the fused mass has spread out in a nearly flat layer with a maximum height of 1/16 in. (1.6 mm)

FLN Fiber Length
Instrument method of measuring length in hundredths of an inch

FLP Fluid Level Above Pump
The depth of well liquids above the location of a subsurface pump unit

FLT Fluting
Visual observation of a formed cylinder to determine if fluting is present

FLU Fluoride

FLV Flavor Threshold

FML Flammability Limits

FMP Fat Melting Point

FMZ Flammability

FNL Fines Retained on Screen
Amount of particles in a material that is larger than a defined unit

FNS Fines
The amount of particles in a material that are smaller than a defined limit

FNY Finished Yield
Number of finished portions the product will yield.

FOA Foam
The dispersion of gas in a liquid or solid

FOB Finishing Oil Honey Roasted

FOC Finishing Oil Roasted

FOH Front Over-Hang of Vehicle

FOI Fouling Index
The result of a procedure which represents the accumulation of deposits of ash on superheater, boiler and economizer tubes

FOM Foreign Material

FOR Foreign Matter
The visible contamination in a material

FOS Fructooligosaccharides
Fructooligosaccharides (FOS) (also known as oligofructose or oligofructan) are oligosaccharide fructans, used as an alternative sweetener.

FPV Acetate Plugging Value
The weight of a liquid that passes through a given area of filter at a constant filtration pressure before the filter becomes completely blocked or plugged; denotes the filtration quality of viscose or solutions of cellulose acetate

FRC Fresh Cut

FRM Final Raisin Moisture
FRU Fructose
FSI Free Swelling Index
The result of a procedure regarding the caking properties of coal when burned as fuel
FUD Full Load
FUP Functionality Penetrometer
GEL Gel
Viscous jelly-like material
GES Gel Strength
GGR Gas Gravity
The density of the produced gas relative to the density of air at standard temperature and pressure
GIR Gas Injection Test Rate
Volume of gas injected into the well bore during a 24-hour test period
GLC Glycerol
GLE Ground Level Elevation
GLY Glycerin
GOA Granulation on 3/8 Inch U.S. Standard Sieve (USSS)
GOB Granulation on Number 10 U.S. Standard Sieve (USSS)
GOC Granulation on Number 100 U.S. Standard Sieve (USSS)
GOD Granulation on Number 14 U.S. Standard Sieve (USSS)
GOE Granulation on Number 20 U.S. Standard Sieve (USSS)
GOF Granulation on Number 25 U.S. Standard Sieve (USSS)
GOG Granulation on Number 30 U.S. Standard Sieve (USSS)
GOH Granulation on Number 40 U.S. Standard Sieve (USSS)
GOI Granulation on Number 50 U.S. Standard Sieve (USSS)
GOJ Granulation on Number 6 U.S. Standard Sieve (USSS)
GOK Granulation on Number 60 U.S. Standard Sieve (USSS)
GOL Granulation on Number 80 U.S. Standard Sieve (USSS)
GOM Granulation on 1/2 Inch U.S. Standard Sieve (USSS)
GON Granulation on 1/4 Inch U.S. Standard Sieve (USSS)
GOR Gas-to-Oil Ratio
A measure of the gas produced from a hydrocarbon well relative to the oil produced
GRA Gas Test Rate
Volume of gas produced from a well during a 24-hour test period
GRI Graininess
The crystallinity of a substance
GRN Granulation
GTA Granulation thru Number 100 U.S. Standard Sieve (USSS)
GTB Granulation thru Number 140 U.S. Standard Sieve (USSS)
GTC Granulation thru Number 18 U.S. Standard Sieve (USSS)
GTD Granulation thru Number 20 U.S. Standard Sieve (USSS)
GTE Granulation thru Number 200 U.S. Standard Sieve (USSS)
GTF Granulation thru Number 50 U.S. Standard Sieve (USSS)
GTG Granulation thru Number 60 U.S. Standard Sieve (USSS)

GTH Granulation thru Number 7 U.S. Standard Sieve (USSS)
GTI Granulation thru 3/8 Inch U.S. Standard Sieve (USSS)
GTJ Granulation thru Number 6 U.S. Standard Sieve (USSS)
H2O Water Volume
HAL Total Quantity of Halogens contained in the shipment
HAR Hardening Rate
HAZ Haze
HCG Horizontal Center of Gravity
HCH Distance to Endpoint
HCI Emission Factor
HCJ Heat Content
HCK Pollutant Emission
HCL Population
HCM Release Duration
HCN Released Quantity
HCO Release Rate
HCP Sulfur Content
HCQ Wind Speed
HCR Acute Toxicity
HCS Chronic Toxicity
HCT Discharges
HCU Effectiveness
HCV Fertilization
HCW Samples in Compliance
HCX Toxicity
HEX Hexanal
HHW Hemispherical Point
The point at which the cone has fused down to a hemispherical lump at which point the height is one half the width of the base as shown by the fourth cone
HIB High Boilers
The components of a mixture which boil at a higher temperature than the rest of the mixture
HOC Heat of Combustion
HSH Hydrogenated Starch Hydrolysates
A mixture of several sugar alcohols. A type of sugar substitute.
HTE Heat Equivalency
HVM Heavy Metals
The metals of atomic weight greater than sodium that form soaps of reaction with fatty acids
HWS Softening Point
The point at which the cone has fused down to a spherical lump in which the height is equal to the width at the base
HYD Hydroxyl Number
The alkalinity of oil, fat, wax or other substances
HYP Hydroxyporpylcellulose
HZC Hazardous Component

IDE Identification
The distinguishing characteristics of a material for verification purposes

IGA Autoignition Temperature

IGR Input Gas Rate
Volume of gas input during a 24-hour test period

IHV Inherent Viscosity

IMA Impact Adhesion
Visual observation rating zinc adherence after using a dropped ball

IMP Impurities
The amount of components other than the major or active components in an item

INC Incremental Items
The item synchronization calculation is based upon the items added to the customer's catalog.

IND Initial Deformation Point
The point at which the first rounding of the apex of the cone occurs

INS Insolubles
The residue remaining after dissolving an item in a solvent

INV Invertase

IPI Primary Irritation Index

IRA Inclusion Rating
The internal nonmetallic particles in the product

ISF Insoluble Fiber

ISO Isomalt
A type of sugar alcohol used primarily for its sugar-like physical properties. A type of sugar substitute.

ISP Incubated Spindown

ITD Integrated Differential

IXD Index Differential

JA1 Boot Circumference
Measurement of the inside of the boot at the largest part of the upper calf.

JA2 Boot Shaft
Measurement from the middle of the arch up the outsole to the top of the boot shaft.

JA3 Heel Height
Measurement at the outside of the heel, from the middle of the heel to the sole.

JA4 Pant Inseam
Measurement of the inner-leg length of the pants, from the top of the thigh to the bottom of the cuff.

JA5 Shoe Platform Height
Measurement at the outsole, from the foot bed to the sole.

JA6 Sleeve
Measurement of the sleeve from the base of the neck (middle of shoulder) across the shoulder, and down the arm to the bottom of the cuff.

JA7 Waist
Measurement of the circumference of an item as measured around the waist. Any fasteners should be fastened.

JA8 Watch Case Depth
Measurement of the watch case as measured from the top of the bezel to the watch back.

JB1 Watch Case Height
Measurement of the watch case as measured from the top-most point (above the 12) to the lowest most point (below the 6).

JB2 Watch Case Width
Measurement of the watch case as measured from the left-most (left of the 9) to the right-most point (right of the 3).

JB3 Watch Strap Length
Measurement of the watch band/strap from tip to top as laid flat. If the band/strap is one piece, this is also known as the watch band/strap circumference.

JB4 Watch Strap Width
Measurement of the watch band/strap width from side to side from its widest point, as laid flat.

JB5 Back Rise
Measurement from the top of the waistband to the crotch at the back of the pants.

JB6 Bag Strap Drop
Measurement of bag (handbag) shoulder/handle length from the top of the bag to the peak of the strap/handle.

JB8 Circumference
Measurement of the linear distance around the edge of a closed curve or circular object.

JC1 Extended Depth
Measurement of the expanded depth of an item, for items where the item can be expanded. Example includes a duffle bag with closures, which open to allow more contents inside.

JC2 Eyewear Bridge Width
Measurement of the width of the bridge. Measured as worn from the edge of one lens/frame to the edge of the opposite lens/frame, where the eyewear would rest on the nose of the wearer.

JC3 Eyewear Frame Width
Measurement of the width of the frame. Measured as worn from the wearer's temple to the wearer's other temple.

JC4 Eyewear Lens Height
Measurement of the height of the lens, not including the frame. Measured as worn from the wearer's cheek to the wearer's forehead.

JC5 Eyewear Lens Width
Measurement of the width of the lens, not including the frames. Measured as worn from the wearer's nose to the wearer's temple.

JC6 Eyewear Temple Length
Measurement of the length of the temple. Measured as worn from the wearer's temple to the end of the ear wrap/stem.

JC7 Footsies Shoulder to Toe
One piece garment. Measurement from the top of the shoulder to the base of the heel, as measured along the back of the garment.

JC8 Front Rise
Measurement from the top of the waistband to the crotch, at the front of the pants.

JD1 Handle Length
Measurement of a handle from its attachment to the item, to the tip.

JD2 Hidden Platform Height
Measurement at the outsole, from the foot bed to the sole, where the platform is wrapped with material to hide the platform, making it appear as part of the shoe.

JD3 Leg Opening
Measurement of the diameter of the leg opening at the bottom of the pant leg.

JD4 Running Length
Measurement of the longest measurement for the item which comes in contact with a surface (snow, ground, etc.) during normal use.

JD5 Torso Length
Measurement from the neck line to the bottom hem.

JD6 Waist Width
Measurement of the width at the narrowest part of the item.

JD7 Collar Size
Measurement of inside of the neck hole, with the collar fully buttoned.

JOM Jominy Hardenability
The product's hardness and depth of hardening

JUC Juice Content

KPS King Pin Setting
The longitudinal distance between the forward edge of the equipment and the king pin

KVL Strength Coefficient

LAC Lactitol
A type of sugar alcohol used as a replacement bulk sweetener for low calorie foods.

LAI Langlier Index

LAS Lot Acceptability for Shape

LC5 Lethal Concentration, 50% ("LC-50")
The lowest value of concentration which will result in the death of exactly one half of a given biological test population

LCG Longitudinal Center of Gravity

LCT Lactose
Lactose is a sugar found in milk and milk products.

LD5 Lethal Dose, 50% ("LD-50")
The lowest value of dose which will result in the death of exactly one half of a given biological test population

LDH Limited Dome Height (LDH)
Response to simulated drawing operation

LEA Leakers

LEF Leaf
Percentage of leaf in fiber as determined by trash count and trash area

LIP Lipids

LIR Liquid Injection Test Rate
Volume of liquids, such as oil, mud, and water, which are injected into the well during a 24-hour test period

LIS Listeria

LIV Limit Intrinsic Viscosity
The percent of cellulose in a crystalline rather than amorphous form

LLD Light Load

LOI Loss on Ignition
Loss (of material) that occurs when a sample is ignited

LOS Loss on Drying
The amount of material lost after heating to a constant weight at a specified temperature

LOW Low Boilers
The components of a mixture which boil at a lower temperature than the rest of the mixture

LPG Liquefied Petroleum Gas Factor

LPL Labeled Product Life

LPR Line Pressure
Fluid pressure of the production line between the well and the separator unit or gathering line

LRC Lovibond Red Color

LSA Lock Seam Adhesion
Visual observation rating zinc adherence after a lockforming operation

LSK Length Shrinkage
The amount of shrinkage occurring per linear yard of fabric expressed in percentage

LSS Linear Sheet Swelling
The increased size of a sheet of pulp when immersed in caustic during pulping

LTD Liner Top Depth
Depth below the surface of the top of a liner string; liner is a tube within the casing used to separate different strata but does not extend to the surface

MAL Maltitol
A type of sugar alcohol used as a sugar substitute

MAN Mannitol
A type of sugar alcohol used as a sweetener

MAT Maturity
Swelling and compression of fiber

MCN Magnetic Contamination

MDL Method Detection Limit; Minimum concentration of a substance that can be measured and reported with 99% confidence that analyte concentration is greater than zero

MDP Mettler Dropping Point

MEA Media Depth
Depth to surface of medium (water, sediment, soil) being sampled

MEF Meter Factor

MEL Melt Time
The time between the first appearance of liquid and the total disappearance of solid

MEP Meat Protein

MER Efficient Rate-Reservoir
The maximum daily oil or gas withdrawal rate from a hydrocarbon reservoir

MGL Monoglyceride

MHI Highest Torque
Highest torque attained during specified period of time when no plateau or maximum torque is obtained

MIC Micronaire
Fiber fineness; the higher the value, the courser the fiber

MII Mineral Impurities

MIL Milk Fat

MIP Miscolored Pieces

MIS Milk Solids

MLT Minimum Lifespan From Time of Arrival
The period of days, guaranteed by the manufacturer, before the expiration date of the trade

item, based on arrival to a mutually agreed to point in the buyers distribution system.

MNC C22 Monoenoic
A monounsaturated fatty acid consisting of 22 carbons which belongs to omega-9 family of fatty acids

MNL Monolein

MOI Moisture
The amount of water in an item

MON Monetary

MOR Mortality

MPL Monopalmitin

MPO Moisture Protein Ratio

MPR Production Rate-Well
The maximum daily rate of at which oil or gas may be produced from a hydrocarbon well

MPT Many Press Test
Visual inspection for coating defects using a miniature stamping press

MSA Monounsaturated

MSD Must Sell By Days
Used to designate the number of days open dated product must 'sell by' from date of manufacture.

MST Monostearin

MTD Maximum Total Depth
Total distance along the well bore to the final bottom hole location

MTI Farinograph Mixing Tolerance Index

MUL Mullen
The energy required to burst a sheet with one of several standard pluggers

NBR Number of Batteries Required

NEC Net Content
Net Content is the statement on the label which provides the amount of product in the container or package. Example bottle of water contains 500 ML of water.

NEE Non-volatile Ether Extract

NEF Nesting Increments
Indicates the incremental height when 2 trade items are nested together. Example one garbage can in another, height increment 1/2 inch.

NEO Neotame
A derivative of a dipeptide compound of the amino acids – aspartic acid and phenylalanine. An artificial sweetener.

NES Neutralizing Strength

NEU Neutralization Number
The quantity of acid or base required to neutralize basic or acidic constituents in a substance

NIL Nil Ductility Test
The condition required to initiate brittle fracture

NIT Nitrite

NNW Net Net Weight
The weight of an item exclusive of the weight of any shipping packaging and of any additional packaging or attachments such as cellophane wrapping or hangers

NOB Norbixin

NOC Number of Cosigners

NON Non-Volatile Matter
The amount of residue remaining after an analytical process

NOR Number of References

NOS Suggested Number of Servings

NOX NOx Emissions Performance
Difference in exhaust NOx emissions attributed to a gasoline formulation as compared to the 1990 baseline gasoline

NTS Natural Tomato Soluables

NVO Non-volatile Oil

OAP Observed American Petroleum Institute Gravity

OBT Observed Temperature

OCG Oil/Condensate Gravity
Production fluid density relative to the density of water

OCH Other Carbohydrates

OCO Oil Coating

OCR Oil/Condensate Test Rate
Volume of oil and natural gas condensate produced during a 24-hour test period

OCT Optimum Consumption Temperature
Recommended temperature for product consumption

ODR Odor
The quality of a substance that stimulates the olfactory organ

OIL Oil
Liquid, slippery, viscous, relatively nonvolatile chemical

OLA Oleic Acid

OLE Olefins
Hydrocarbons containing double bonds

ORC Organic Carbon
The amount of carbon which is bonded to another carbon or hydrogen or both

OTE Others Each
Identifies the maximum value of any single metallic element not listed in the chemical composition limits standard

OTH Odor Threshold

OTT Others Total
Identifies the total value of all metallic elements not listed in the chemical composition limits standard

OUM Ordering Unit

OXI Oxidizable Substance
Represents the amount of a substance that can undergo oxidation

OXS Oxidizing Substance
A substance which removes electrons from other substances

OXY Oxyethylene

PAA Active Ingredient in Product

PAB Drug Strength

PAC Drug Concentration

PAL Pattern Length
The length of a pattern that repeats on a product

PAR Particle Size
The diameter of solid and liquid particles

PAT Patulin

PAW Pattern Width
The width of a pattern that repeats on a product

PBD Plug Back Total Depth
Well depth after plug back operations to abandon a lower producing horizon or formation

PBR Pure Base Ratio
The amount of chemical in its base form is over the total amount of the chemical. This is the quantitative relation that describes the amount of the base molecule within its salt (i.e. the amount of pure testosterone within testosterone propionate).

PCB Total quantity of PolyChlorinated Biphenyl contained in the shipment

PCC Post Consumer Content
The material discarded by consumers after a product is consumed.

PCO Piece Count

PDE Casing/Liner Tubing Depth
Depth to the bottom of the casing/liner string

PDG Pump Depth from Ground
The distance from the ground surface to the subsurface pump unit

PDH Pattern Drop Horizontal
The measurement of horizontal distance between repeats of a pattern

PDI Protein Dispersibility Index

PDV Pattern Drop Vertical
The measurement of vertical distance between repeats of a pattern

PDX Polydextrose

PEC Potassium Chloride

PEF Performance

PEO Peroxidase

PER Magnetic Permeability
The ease with which a material can be magnetized and how much better it is as a path for magnetic fields than air

PES Potassium Sorbate

PEV Peak Viscosity

PEX Perioxide Value

PFO Perforation Feet Open
Linear distance of all perforations of the well casing string

PGL Polyethylene Glycol

PGM Propylene Glycol Monoesters

PHA pH

PHE Phenol

PHW Hardwood Fiber
The amount of threadlike, primarily cellulosic material derived from the wood portion of hardwood trees

PIC Pick Off

PIP Piperine

PLM Preliminary Volume

PMW Total Packaging Material Weight
This is the weight of all product packaging, inclusive of component packaging, when present

POC Completion

POD Physical Description - Outer Diameter

POL Polariation

POP Pour Point
The lowest temperature at which an oil is observed to flow when cooled

POR Propylene Oxide Residue

PPS Proprietary Shade
Identifies to customers when a textile company is using the customer's proprietary shade code versus the standard industry shade code

PQL Practical Quantitation Limit; Lowest concentration of a substance which can be consistently determined within +/- 20% of the true concentration by 75% of the laboratories tested in a performance evaluation study

PRA Proportion Alive

PRE Prior Experience

PRF Pressure Factor

PRG Propylene Glycol

PRI Product Index

PRL Product Level

PRN Proportion Normal

PRO Processability
A rating of the ability to process

PRQ Product Reportable Quantity

PRY Porosity

PRZ Proportion Fertilized

PSA Percent Solution Actual

PSP Past Performance

PSR Pesticide Residuals

PSW Softwood Fiber
The amount of threadlike, primarily cellulosic material derived from the wood of softwood trees

PUN Pungency

PWA Processed Waste

PWE Physical Description - Weight

PWF Power Factor

QUR Reportable Quantity

QUS Quick Sog

R10 Relative Fraction of Pure Long-Chain Cellulose
The ratio by weight of pure long-chain and degraded cellulose to pulp where cellulose molecules of various chain lengths occur

R18 Relative Fraction of Total Cellulose
The ratio by weight of total cellulose to pulp

RAD Radius

RAF Roof Adjustment Factor

RAL Residual Alcohol

RCC Recycled Content
The material that is made from recycled content.

RDS Reducing Sugars

REA Reactivity
The rate at which a substance reacts or the amount of substance that reacts

RED Reducing Substance
A substance which donates electrons to other substances

REF Refining
The severity of mechanical processing stage expressed by the amount of energy applied and length of time product is retained within equipment

REH Rehydration

REI Refractive Index
The ratio of the velocity of light in a vacuum to the velocity of light in the liquid

REL Reflectance
The fraction of the total radiant flux incident upon a surface that is reflected and that varies according to the wavelength distribution of the incident variation

REO Residual Ethylene Oxide

RES Resistance
The property of a conductor causing electric energy to be transformed into heat; equal to the voltage across the conductor divided by the electrical current flowing in the conductor; measured in ohms

RNU Recommended Number of Uses

ROH Rear Over-Hang of Vehicle

ROI Residue on Ignition

ROX Oxygen from a Renewable Oxygenate

RSZ Roll Size

RTB Reporting Temperature Base

RUD Usage Deviation (Applies to Kilowatt Hours, Kilowatt Demand and Reactive Demand)

RVP Reid Vapor Pressure

S10 Pulp Impurities
The percent hemicellulose polysaccharides and degraded cellulose in pulp fibers

S11 Salt

S12 Start
Identifies a value measured at the start of a testing process or range of test results

S18 Hemicellulose
The percent hemicellulose polysaccharides in pulp fibers

SAB Sodium Acid Pyrophosphate (SAPP) by Boyd Method

SAC Sodium Ascorbate

SAH Sodium Acid Pyrophosphate (SAPP) by Humidified Boyd Method

SAK Sodium Acid Pyrophosphate (SAPP) by Chittick Method

SAL Salinity; Salt level in a sample of seawater

SAP Saponification Number
The number of milligrams of potassium hydroxide that is consumed by 1 gram of sample

SAS Saturated Fatty Acid as Stearic

SBE Sodium Benzoate

SBI Sodium Bicarbonate
SBR Sodium Bicarbonate Release
SBU Sodium Bisulfite
SCH Schedule
SDC Color Strength
SDV Surface Starch
SER Number of Servings
SEV Severity
SFA Solid Fat Index at 104 F
SFB Solid Fat Index at 50 F
SFC Short Fiber Content
SFD Solid Fat Index at 80 F
SFE Sodium Ferrocyanate
SFG Solid Fat Index at 92 F
SFJ Solid Fat Index at 70 F
SFO Solid Fat Content
SGW Stacking Weight
The maximum admissible weight that can be stacked on the trade item
SHA Shelf Life
SHE Shell
SHU Scoville Heat Units
SHW Shipping Weight per Pricing Unit
SIL Silica (Silicon Dioxide)
SIZ Size
SKF Stacking Factor
Identifies the number of levels the product may be stacked.
SLD Solderability
A measure of the ability of a material or component to be soldered
SLI Slagging Index
The result of a procedure for obtaining information regarding the accumulation of ash deposits on radiant heat exchange surfaces in the furnace
SLL Salmonella
SLU Selling Unit
SMB SAM-B Rating
Measures cleanliness of steel for critical parts as to B-oxide volume in the steel
SMD SAM-D Rating
Measures cleanliness of steel for critical parts as to D-oxide volume in the steel
SOA Soda
SOC Sodium Acid Pyrophosphate
SOD Solids
The non-volatile material remaining after an analytical process
SOF Softening Range
The temperature range in which material without a melting point goes from a rigid to a soft condition

SOR Sorbitol
A type of sugar alcohol with a sweet taste which the human body metabolizes slowly

SPA Saturated Fatty Acid as Palmitic

SPG Specific Gravity

SPH Sphere

SPR Separator Pressure
Operating pressure of the oil/water/gas separating unit

SPS Static Pressure

SQT Serving Quantity
Number of servings and units contained in the package.

SRO Specific Rotation

SSA Sodium Silico Aluminate

SSJ Serving Size

SSK Serving Size Weight

SSS Suggested Serving Size

STA Stability
The property of a chemical compound which is not readily decomposed and does not react with other compounds

STF Calories from Saturated and Trans Fats

STL Short Term Exposure Limit

STO Storage Handling Temperature

STP Staple
Conventional method of measuring fiber length as pulled by hand

SUC Sucrose

SUL Sulfite

SUM Suspended Matter
The mixture of fine, non-settling particles of a solid within a liquid or gas

SUP Suspended Pulp

SUR Surface Roughness

SUS Suspended Solids

SUT Surface Tension
The force acting on the surface of a liquid which tends to minimize the area of the surface

SVL Survival

SXS Sodium Sulfate

SXX S10 Minus S18 Value
The percent degraded cellulose in pulp fibers

T50 T50
Temperature at which 50% of the volume of a mixture being distilled has been evaporated

T90 T90
Temperature at which 90% of the volume of a mixture being distilled has been evaporated

TAC Tartaric Acid

TAS Taste
The chemical sense by which flavors are perceived depending on taste, tactile, and warm and cold receptors in the mouth, as well as smell receptors in the nose

TCL Tire Tread Contact Length

TCR Temperature Control Range

TDD Total Sugar (Dry)

TDP Perforation Top Depth
The depth from the ground surface to the top, or shallowest, portion of the well casing perforations

TEE Autodecomposition Temperature

TES Storage Temperature

TET Transportation Temperature
Specifies the temperature requirement of the product when being moved from one place to another and under the control of the carrier.

TEW Test Weight

TEX Texture
The property of a solid substance which is dependent on the size, form, order, and grouping of the smaller parts of which it is made and the way in which these parts are united

TIA Titratable Acidity

TIC Total Items
The items synchronization calculation is based on the total number of items in the customer's catalogue.

TOA Aquatic Toxicity

TOR Torque
A force that produces rotation or torsion

TOT Total Aldehyde Content

TOX Toxic Emissions Performance
Difference in exhaust toxic emissions attributed to a gasoline formulation as compared to the 1990 baseline gasoline

TPE Farinograph Time to Peak

TPF Temperature Factor

TPL Tubing Pressure - Flowing
Fluid pressure within the inner tubing used to isolate different production streams from the surrounding well while production is flowing from the well; measured during well testing and completion operations

TPP Tryptophan
An alpha-amino acid that is used in the biosynthesis of proteins

TPQ Threshold Planning Quantity

TPS Tubing Pressure - Shutin
Fluid pressure within the casing, the outermost tubing used to isolate the well from the surrounding geology, with the well annulus closed; measured during well testing and completion operations

TRA Trash Area
The number of pixels dotted by trash

TRC Trash Count
Amount of trash in the court fiber

TRD Tire Diameter

TRN Transmittance
The fraction of the emitted light of a given wavelength which is not reflected or absorbed but passes through a substance

TRP Tricalcium Phosphate

TRS Transmissivity; Measure of the quantity of light that passes through a given volume of seawater; also used to measure turbidity and to estimate plant growing zones in the ocean

TRT Transmissivity Pathlength; The length of the path taken to arrive at transmissivity measurements

TSO Total Solids

TSZ Trim Size

TTC Total Carbohydrates
Denotes Total Carbohydrates

TTL Trailer Tongue Length

TTR Tesla Tolerance Rate

TUR Turbidity
The extent of cloudiness in an item in which colloidally dispersed particles are present

TVD Maximum True Vertical Depth
Total vertical distance from a surface location directly above the bottom hole location

TVO Total Volatiles

TWD Tire Width

TYR Tyrosine
Tyrosine, or 4-hydroxyphenylalanine, is one of the 20 standard amino acids that are used by cells to synthesize proteins.

UCB Cube
The external cubic dimensions of a specified product

UNA Unipunch Adhesion
Visual observation rating zinc adherence after a die punch

UNI Uniformity
The degree of uniformity of fibers in a sample

UNK Unknowns
Substances that are quantitated but of unknown identity

UPW Units per Weight

VAD Vapor Density

VAL Vanillin

VAN Vanilla

VAP Vapor Pressure

VBA V-Bend Adhesion
Visual observation rating zinc adherence after peeling tape from a bent coupon

VCG Vertical Center of Gravity

VIA Vitamin A Palimate

VIN Vinyl
A chemical having the vinyl group CH2=CH-

VIS Viscosity

VOA Volatile Oil Ash

VOC VOC Emissions Performance
Difference in exhaust VOC (Volatile Organic Compounds) emissions attributed to a gasoline formulation as compared to the 1990 baseline gasoline

VOI Volatile Oil

VOL Volume

VOM Vomitoxin

VOT Volatiles
The gas or vapor material given off by an item under defined conditions

VOV Volatiles by Volume

VOW Volatiles by Weight

VRE Vitamin A Retinol Equivalent (RE)
The vitamin A content of a food as measured in "micrograms of retinol equivalents," or "micrograms RE"

VSO Volume Split to Others

VWT Volume Weight

WAB Water Absorption

WAC Water Activity

WAT Water
Water is an inorganic, transparent, tasteless, odorless, and nearly colorless substance.

WDE Water Depth
The depth of the water at an offshore location; measured from sea or lake bottom to the mean tidal level

WDR Weight Density Ratio
The ratio of the weight of a body to its volume

WEL Weight Loss
The amount of substance by weight that a material loses when subjected to specified conditions

WHT Whip Test

WIN Water Insolubles

WML Weight of Moisture Loss

WMP Wiley Melting Point

WOD Water-Oil Distribution Coefficient
A measure of the miscibility of oil and water

WPF Wellhead Pressure-Flowing
The pressure as measured at the wellhead of a hydrocarbon well during a flow test

WPL Water/Product Level

WPN Whey Protein Nitrogen

WPP Weight Per Piece

WPS Wellhead Pressure Shutin
The pressure as measured at the wellhead of a hydrocarbon well during a shutin condition

WRA Water Test Rate
The volume of water produced during a 24-hour test period

WSK Width Shrinkage
The amount of shrinkage occurring per yard in the width of fabric expressed in percentage

WSO Water Solubles

WTB Water/Tank Bottom Level

YPE Yield Point Elongation
The amount of extension which occurs between the upper yield point and the point at which the load begins to rise steadily again

XYL Xylitol
A type of sugar alcohol that is used as a food additive and sugar substitute

ZAL Aluminum

ZAS Arsenic
ZBI Bismuth
ZBT N-Butane
Relative concentration of N-Butane in the gas stream being measured
ZBZ Benzene
ZCA Calcium
ZCB Columbium
ZCC Calcium Chloride
ZCD Carbon Dioxide
Relative concentration of carbon dioxide in the gas stream being measured
ZCE Cerium
ZCM Carbon Monoxide
ZCO Cobalt
ZCR Chromium
ZCS Calcium Sulfate
ZCU Copper
ZDA Titanium Dioxide Assay
ZET Ethane
Relative concentration of ethane in the gas stream being measured
ZFE Iron
ZFL Newspaper--Full Page
ZFS Iron plus Silicon
ZGE Germanium
ZHP Heptane
Relative concentration of heptane in the gas stream being measured
ZHS Hydrogen Sulfide
Relative concentration of hydrogen sulfide in the gas stream being measured
ZHX Hexane
Relative concentration of hexane in the gas stream being measured
ZIB I-Butane
Relative concentration of I-Butane in the gas stream being measured
ZIP I-Pentane
Relative concentration of I-Pentane in the gas stream being measured
ZMG Magnesium
ZMN Manganese
ZMO Molybdenum
ZMT Methane
Relative concentration of methane in the gas stream being measured
ZNB Niobium
ZNI Nickel
ZNP Neo-Pentane
Relative concentration of neo-pentane in the gas stream being measured
ZOC Octane
Relative concentration of octane in the gas stream being measured
ZPB Lead

ZPP Propane
Relative concentration of propane in the gas stream being measured

ZPT N-Pentane
Relative concentration of N-Pentane in the gas stream being measured

ZSB Antimony

ZSD Sulfur Dioxide

ZSE Selenium

ZSG Added Sugars

ZSI Silicon

ZSN Tin

ZTA Tantalum

ZTB Newspaper--Tabloid Page

ZTE Tellurium

ZTI Titanium

ZZN Zinc

ZZR Zirconium

ZZZ Mutually Defined

739 - Measurement Value

The value of the measurement

TYPE=**R** MIN=**1** MAX=**20**

COMPOSITE DATA STRUCTURES USED IN

C073

SEGMENTS USED IN (AS COMPONENT)

WIN

SEGMENTS USED IN (AS SIMPLE)

ADV ATR BER CHI CNP DAY FPI FSH GDP GR5 LOC LTR MAP MEA NF2 NF3 NF4 NF5 NF6 NF7 NF8 NFC NUT PAI PDE PSC SPR STA TCD TRD TRT

TRANSACTION SETS USED IN

112 135 140 142 143 155 159 160 175 179 180 185 186 187 195 196 197 199 201 204 206 219 220 228 245 249 261 262 265 280 284 285 286 290 304 322 353 404 410 412 417 424 426 470 500 501 511 536 603 620 625 650 715 810 811 819 820 830 832 836 837 838 840 841 842 843 844 845 846 847 848 849 850 853 855 856 857 858 859 860 861 863 865 866 867 869 870 873 885 888 890 892 897 940 945

740 - Range Minimum

The value specifying the minimum of the measurement range TYPE=**R** MIN=**1** MAX=**20**

COMPOSITE DATA STRUCTURES USED IN

C081

SEGMENTS USED IN (AS COMPONENT)

CTI TRP

SEGMENTS USED IN (AS SIMPLE)

ADV ENR FU1 LTR MCT MEA PDI PSC SCA SPR STA SUM USD

TRANSACTION SETS USED IN

106 107 112 130 131 135 138 140 142 155 159 160 175 179 180 185 186 187 189 190 191 195 196 204
219 220 228 262 274 280 284 285 286 304 353 404 410 412 417 424 426 470 500 501 511 536 603 620
625 650 810 811 819 830 832 836 837 838 840 841 842 843 844 845 846 847 848 849 850 853 855 856
857 858 859 860 861 863 865 866 867 869 870 873 885 888 890 892 897 940 945

741 - Range Maximum

The value specifying the maximum of the measurement range TYPE=**R** MIN=**1** MAX=**20**

COMPOSITE DATA STRUCTURES USED IN

C081

SEGMENTS USED IN (AS COMPONENT)

CTI TRP

SEGMENTS USED IN (AS SIMPLE)

ADV ENR FU1 LTR MCT MEA PDI PSC SCA SPR STA SUM USD

TRANSACTION SETS USED IN

106 107 112 130 131 135 138 140 142 155 159 160 175 179 180 185 186 187 189 190 191 195 196 204
219 220 228 262 274 280 284 285 286 304 353 404 410 412 417 424 426 470 500 501 511 536 603 620
625 650 810 811 819 830 832 836 837 838 840 841 842 843 844 845 846 847 848 849 850 853 855 856
857 858 859 860 861 863 865 866 867 869 870 873 885 888 890 892 897 940 945

742 - Route Description

Point to point routing description

TYPE=**AN** MIN=**1** MAX=**35**

SEGMENTS USED IN (AS SIMPLE)

R2 R2A

TRANSACTION SETS USED IN

300 301 304 310 312 404 410 417 421 422 423 426 453 456 470 858 859 940

743 - Returnable Container Freight Payment Responsibility Code

Code specifying the responsibility for the return freight costs incurred when returnable containers are shipped in a premium transportation

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

ETD

TRANSACTION SETS USED IN

856

CODE	DEFINITION & EXPLANATION
C	Paid By Customer
F	Free
S	Paid By Supplier
Z	Mutually Defined

744 - Print Option Code

Code identifying the selected information to be printed on a document TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

AP1 SUP

TRANSACTION SETS USED IN

112 124 187 304

CODE	DEFINITION & EXPLANATION
CN	Container Information
DI	Disclosure
EN	Container Size/Type
MV	Total Weights/Volume
PN	Package Count and Type
RN	Rates and Charges
SN	Seal Numbers
TN	Tariff
UF	Destination Clause On First Page
VN	Volume
WN	Weights
XY	Weight/Measure Both English and Metric

745 - Pre-Cooled (Rule 710) Code

Code indicating whether or not the shipment was precooled per Association of American Railroads Protective Service Rule 710

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

PS

TRANSACTION SETS USED IN

404 410 417 418 421 426 858 859

CODE	DEFINITION & EXPLANATION
Y	Yes

746 - Protective Service Rule Code

Code specifying the Association of American Railroads (AAR) Protective Service that applies to a shipment

TYPE=**ID** MIN=**3** MAX=**9**

Code Sources

112

SEGMENTS USED IN (AS SIMPLE)

PS SCR

TRANSACTION SETS USED IN

404 410 417 418 421 422 426 858 859

747 - Rebill Reason Code

Code identifying reason for rebill

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BL

TRANSACTION SETS USED IN

404 410 417 426 858

CODE	DEFINITION & EXPLANATION
RB	Straight Rebill
RC	R11 Collect Beyond
RD	R11 Prepaid Beyond

748 - Movement Authority Code

Code indicating the interchange authority TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
E8 IMA

TRANSACTION SETS USED IN
417 418 420 421

CODE	DEFINITION & EXPLANATION
A	Released From Bad Order
B	Bad Order Setback
C	Car Not Weighed
D	Empty Received as a Load
E	Embargoed Shipment
G	Refused by Customer - Unneeded
I	Interchanged in Error
L	Not in Compliance With Special Car Order 90 or Special Car Order 100 Empty
M	Empty - No handling required by Car Service Rules
N	No Record Rights
O	Overweight Shipment
P	Intermediate Switch Carrier *Non Line-Haul Rail Carrier*
R	Refused by Customer - Unfit
S	Car Applied to Shipper Car Order - Place for Loading
T	Transfer or Adjustment of Lading Car Service Rate 10, Sections 1 & 2
W	No Waybill
X	Association of American Railroads Restriction
DS	Destination Switch Move
HM	Haulage Movement *Indicates a haulage movement or agreement*
NC	No Clearance
NU	Not on Universal Machine Language Equipment Register
OA	Old Age (Over-age)
OS	Origin Switch Move
RB	RBOX or RGON Exception *A boxcar or gondola car restriction*

749 - Supplementary Information Qualifier

Code identifying the type of supplementary information TYPE=ID MIN=3 MAX=3

SEGMENTS USED IN (AS SIMPLE)
SUP

TRANSACTION SETS USED IN
112 124 187 304

CODE	DEFINITION & EXPLANATION
BLC	Bill of Lading Body Clause
CIR	Certified Inspection Report
COA	Certificate of Analysis
COM	Commercial Invoice
CON	Consular Invoice
CTP	Certified Test Report
CUS	Customs Invoice
DOM	Domestic Routing Instructions
EXP	Export Instructions
FUM	Fumigation Certificate
INS	Insurance Certificate
IPI	Include Printing Instructions
LOC	Letter of Credit
MSD	Material Safety Data Sheet
OBV	Onboard Validation *A condition to which bill of lading "on board" statement and date refer*
ONR	Onward Routing Instructions
ORI	Certificate of Origin
PAK	Packing List
QAL	Quality Report
SAN	Sanitary Certificate
SED	Shipper's Export Declaration
SPI	Suppress Printing Instructions
SUP	Supporting Detail
SWB	Sea Waybill

750 - Product/Process Characteristic Code

Code identifying the general class of a product or process characteristic TYPE=ID MIN=2 MAX=3

SEGMENTS USED IN (AS SIMPLE)

CID MNC NCD PID SV7 TBP TMD VAT

TRANSACTION SETS USED IN

100 112 124 140 142 143 148 154 180 185 187 196 197 205 215 244 251 266 267 268 271 272 275 283
500 503 561 625 754 806 810 811 818 819 820 830 832 836 837 838 840 841 842 843 844 845 846 847
848 849 850 851 855 856 857 860 861 863 865 866 867 869 870 878 888 890 897

CODE	DEFINITION & EXPLANATION
01	Limiting Operation
02	General Product Form
03	Preservative
04	Parameter
05	Category SEE CODE SOURCE 850
06	Sub-category SEE CODE SOURCE 850
08	Product
09	Sub-product
10	Major Grade
11	Society, Government, Customer Specifications
12	Type and/or Process
13	Quality (Quality Level)
14	Finish or Surface Roughness
15	Heat Treat/Anneal
16	Temper
17	Coating
18	Surface Treatment, Chemical
19	Surface Treatment, Mechanical
20	Ends: Slitting, Splitting, Cutting
21	Forming
22	Edge Treatment
23	Welds/Splices
25	End Treatment
28	Test Sample Frequency
29	Test Sample Location
30	Test Sample Direction
32	Type of Test/Inspection
33	Testing and Inspection Agencies
34	Filament
35	Color

36 Denier
37 Fiber
38 Grade
39 Luster
40 Shade
41 Tint
42 Tow
43 Twist
44 Bacteriology
45 Whole Effluent Toxicity
46 Sediment Toxicity
54 Section Profile
55 Alloy
56 Special Processing
58 Winding Instructions
59 Surface Protection
60 Machine Run
61 End Use Application
62 Corrosion Resistance
63 Product Life Cycle
64 Package Integrity
65 Visual
66 Electrical
67 Functional Performance
68 Chemistry
69 Physical
70 Magnetic
71 Mechanical
72 Metallography
73 Vendor color description
74 Vendor size description
75 Buyer's Color Description
76 Dye Lot Description
77 Finish Description
78 Pattern Description
79 Put-up Description
80 MILSPEC (Military Specification)
81 FEDSPEC (Federal Specification)
82 FED-STD (Federal Standard)
83 CID (Commercial Item Description)
84 Special Specification
85 Appearance
86 Dispersion

87 Fluid
88 Flow
89 Moisture
90 Density
91 Buyer's Item Size Description
92 Fabric Description
93 Shipping Unit Component
In material handling and containers, any designed component of a fixture or container, typically detachable from the base unit for empty return or cleaning, which provides rigidity, stability, or security when loaded; such components are an integral part of the container or shipping device and are essential to its functionality
94 Type Spinning
Spun yarn can be manufactured on different types of spinning equipment, i.e., Ring Spun, Open End Spun, Air Jet, etc.
95 Wax Code
Yarns are purchased waxed and unwaxed
96 Electronically Cleaned
Real Time manufacturing monitoring process
97 Conditioned Code
Indicates if yarn has been conditioned to hold moisture
99 Precautionary Instructions
9A Manufacturing Method
9B Product Application
9C Engine
9D Transmission
AA Assembly Required
AB Construction
AC Consumer Instructions
AD Shelf Tag
AE Fragrance
AF Editor
Person identified in that capacity (instead of author)
AG Translator
Person identified in that capacity (usually in addition to the author)
AH Material
AI Nutrition
AJ Recycle
AK Silhouette
AL Discharge
AN Anaerobic Spores
AR Allergen
AS Aerobic Spores
AT Process Action Taken
The function performed as a result of a production operation by the sender of the data
B8 Bureau of Alcohol, Tobacco and Firearms Class Code
Categories of broad definitions and characteristics for different compositions or "classes" of

alcoholic beverages (i.e., Whiskey, Brandy, Vodka)
SEE CODE SOURCE 321

BC Behind-the-Counter Drugs

BE Benefits

BF Backflush Item Process

BL Blocked Stock
Non-shippable product classification

BW Basis Weight Size

C2 Controlled Substance - Class 2

C3 Controlled Substance-Class 3 (Narcotic)

C4 Controlled Substance - Class 4

C5 Controlled Substance - Class 5

C6 Controlled Substance-Class 3N (Non-narcotic)

CD Collateral Description

CG Color Grouping
A color grouping that pertains to a product.

CH Chassis

CL Color - Lower Body

CM Compliance Method
Identification of a set of equations used to predict a fuel's emissions performance based on parametric inputs

CN Collection Name
Name of the product collection to which the product belongs

CO Collection Method Code

CP Coupling
In piping, a metal collar with internal threads used to join sections of threaded pipe

CS Coating or Paint System Code
A code established by the coating/paint manufacturer that identifies a procedure used to apply the coating/paint; used in conjunction with a paint manufacturer name or system name

CU Color - Upper Body

CW Coating or Paint System Name

DE Drug Efficacy Study Implementation

DF Dosage Form
A description of the product's physical form, such as caplet, tablet, or capsule

DG Dangerous Goods Packing Group

DI Diet Type

DM Dimensional

DP Drug Product Identification

DR Direct Item Process

DS Drug Schedule
SEE CODE SOURCE 894

DT Dangerous Goods Technical Name

EC Escrow Code
Indicates whether or not a policy is being escrowed by a mortgage
SEE CODE SOURCE 264

EN Engine with Transmission

EQ Equipment

EV Environmental Requirement

FA Failure Analysis Process
Physical construction analysis that typically determines the root cause of a product failure

FC Fold Configurations
The orientation and sequencing of folds

FL Fuel
SEE CODE SOURCE 558

FP Foodservice Program

FQ Quality
The base product that results in a different grade; also known as a product line, e.g., Cognac can be Classico, V.S., VSOP, or XO

GD Grain Direction

GE Genetically Modified Ingredients

GM General Merchandise

GS Goods

HB Health and Beauty Aids

HY Hydraulics

HZ Hazardous Material

IC Individual Component

KI Kit

LA Label Name
Product style name that is printed on the product

LC Lead/Copper Sample Type

LO Coordinate Description Code
An industry code that locates a coordinate upon a surface

LS Local Source
Identifies the name of the local source of the product as marked on its label.

M1 Method of Catch

MA Material Status, Outside Processor
Material status of product assigned by the outside processor

MB Marking

MC Markings Front

MD Markings Back

ME Markings Alternate

MM Multi-Media

MS Medical Supplies

NH Non-Hazardous Material

OC Options
Details value added characteristics of a vehicle
SEE CODE SOURCE 854

OD Odorized

OR Orientation
The relationship of the back printing on a form to the front printing on the same form

OT Over-the-Counter Drug

P6 Percentage of Alcohol
The percentage of alcohol as measured against the total volume of a product such as cordials, liqueurs, cocktails, highballs, bitters and other such specialty alcoholic beverages

PC Product Classification

PD Physical Form: As Diluted

PF Physical Form: Concentrate

PG Program
A set of process conditions used to produce Oxygenated program reformulated gasoline

PL Product Type
Identifies product as custom, branded or private

PP Process/Production Unit

PR Manufacturing Process
Production operations performed on the product being reported

QI Quality Inspection Stock
Products that are managed using a Quality Inspection process

R3 Proof
Strength of a liquor as measured in proof spirit where 50% alcohol by volume is equal to 100 proof

RA Route of Administration
The way a medicine is given to or taken by the patient

RG Return Goods

RM Results Method Code

RR Rejection Reason

RT Returnable

RX Prescription Drug

SB Sub-Brand

SC Source
SEE CODE SOURCE 558

SE Services

SF Service Feature
SEE CODE SOURCE 495

SH Trade Item Shape Description

SS Serving Suggestions
Value add characteristic of the product

ST Sample Type

TC Therapeutic Class
A way of categorizing medicines

TE Therapeutic Equivalency Evaluation
When there is more than one source for a drug that is identical by its active ingredients, the FDA publishes a rating of each source's therapeutic equivalence in order to aid state formularies to choose effective drugs to prescribe at lower costs to the insurer, state and consumers

TF Filtering
Type of filter used in processing

TP Typeface
The design of the characters in a font

TR Trimming

TZ Bureau of Alcohol, Tobacco and Firearms Type Code
A subcategory of the Bureau of Alcohol, Tobacco and Firearms Class Code; it is a more detailed and descriptive term that further defines the class of an alcoholic beverage, i.e. "Irish Whiskey" as opposed to "Whiskey"
SEE CODE SOURCE 321

UN Unscheduled Drug

UR Unrestricted Stock
No restrictions

VA Vehicle

VC Volatile Organic Compound Control
A set of process conditions used to produce VOC controlled reformulated gasoline

VI Vintage
The harvest year of the grapes that are part of the composition of a particular wine

VR Variant
The distinguishing characteristics that differentiate products with the same brand and size

WD Warranty Description
The warranty description for the final consumer, which the retailer needs to keep on file, in case the consumer has a claim against the warranty

WF Wine Fruit
The fruit used as a base to produce a wine, e.g., apple, blackberry

WT Waste
SEE CODE SOURCE 558

ZZ Mutually Defined

AA1 Composition Claim Made With

AA2 Composition Claim Natural Ingredients

AGE Age
The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers

BCC Beverage Contents Characteristics, (e.g., Kosher, No Sulfites, etc. (Industry List)

BES Beverage Segment
A description to designate a grouping of products that are similar in flavor, quality, price, age, proof or any combination, e.g., standard scotch or deluxe scotch

BEV Beverage Category
A description to designate the category the beverage falls into, e.g., blends, bourbons, scotch, vodka, gin

BHZ Biomedical Hazard

BLM Bottomhole Location Method Code

BND Brand Group
Products similar in name only, but of different size, age, proof, quality and flavor

BPI Bottomhole Pressure Method Indicator Code

BRG Brand Group: A grouping of similar brands, (e.g., Johnnie Walker)

BRN Brand Name

BTT Battery Type

CCN Common Chemical Name

CFC Company Field Code

CHF Chemical Family

CLT Casing/Liner/Tubing Type

CMS Commercial Status
Material status assigned by the commercial department

DAC Damage Code
Type of damage

DAF Damage Fault
Party responsible for damage

DIR Directional Indicator
The type of well characterized by the way in which it was drilled; code values contained in the WODEX implementation guide available from the American Petroleum Institute

EBC Description of Goods and Services

FCD Field Code (EIA/DOD)

FDD Forecast Deviation

FLV Flavor
Distinctions from the base product that result in different taste or flavor, e.g., citrus, pepper

FMR Formula

FUN Functional Name
Identifies the functional name which describes the product's generic purpose

GEN General Description

GRM Growing Method

HZR Hazard Rating System
A system for both classifying and measuring hazardous characteristics of materials

IML Image Link

ING Ingredient

INJ Injectables

LSC Label Storage Conditions

MAC Material Classification
Class of material, e.g. prime, secondary, etc.

MBU Minerals Management Service/Bureau of Land Management (Indian Land) Property/Unit Number
Numbers assigned to a property or unit by federal agencies, such as the Minerals Management Service or Bureau of Land Management, if required

MCL Material Color

MSG Market Segment
General market classification for which a product is intended

ODR Odor

PER Program Performance

PFA Physical Form

PFC Perforation Continuity Indicator
Well perforation top and bottom depths

PFG Physical Form: Gas

PFI Perforation Interval(s)
Identification of specific perforations in the well bore; codes assigned by the operating company

PFK Physical Form: Aerosol

PFL Physical Form: Liquid

PFM Physical Form: Emulsion

PFN Physical Form: Semisolid
PFP Physical Form: Powder
PFS Physical Form: Solid
PFT Perforation Type
PKG Packaging Materials
PRC Primary Component
PRI Grape Variety
The grape that comprises the largest percentage of the ingredients used in wine production, e.g., Merlot
PRO Proprietary
PSC Pipeline Stream
PTC Preparation Type
PUB Public Information
PUR Pure Form
QAS Quality Assurance Status
Material status assigned by the quality assurance department
RCC Reservoir Code (Company)
A company-assigned number which identifies the producing formation, or formation into which injection is taking place
RPN Regulated Product Name
The product name provided by the seller in adherence with laws, regulations, or administrative provisions applicable in the country.
RSD Regulatory (State) District
State-assigned code for each producing district
RSE Regulatory (State) Entity Code
State-assigned codes for each producing entity (lease or property)
SEC Secret or Confidential Information
Trade secret information available only to those who have agreed to non-disclosure
SEM Semi-Finished Goods
SIZ Sizing
A material added to yarn prior to weaving strands of yarn into a fabric; sizing improves the weaving ability of yarn
SLM Surface Location Method Code
SOL Solubility
STL State Controlled
SUP Packaging Support Materials
SYN Synonym
THR Threshold
TIF Title Insurance Form
TIR Tire
TIU Trade Item Unit Indicator
TRM Test Remarks
TRN Trade Name
TWF Theoretical Weight Formula
Used to calculate a material weight
WLC Well Classification

WS1 Variable Weight Scale Line 1
The first line description printed on a weight scale generated label.

WS2 Variable Weight Scale Line 2
The second line description printed on a weight scale generated label.

WTT Well Test Type

751 - Product Description Code

A code from an industry code list which provides specific data about a product characteristic

TYPE=**AN** MIN=**1** MAX=**12**

Code Sources

38 46 113

SEGMENTS USED IN (AS SIMPLE)

CID MNC NCD PID SD1 SPA TMD TRD

TRANSACTION SETS USED IN

100 101 111 112 124 140 142 143 148 154 180 185 187 196 197 205 215 244 251 252 266 267 268 271 272 273 275 283 500 503 561 625 754 806 810 811 818 819 820 830 832 836 838 840 841 842 843 844 845 846 847 848 849 850 851 855 856 857 860 861 863 865 866 867 869 870 878 888 897

752 - Surface/Layer/Position Code

Code indicating the product surface, layer or position that is being described

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

AOL ATR GR5 III LET MEA PID PO4 PO5 VAT

TRANSACTION SETS USED IN

100 111 112 124 132 135 140 142 143 148 154 155 159 160 175 179 180 185 186 187 189 195 196 197 199 201 202 204 205 206 215 219 220 228 244 249 251 252 256 259 261 262 266 267 268 270 271 272 275 280 283 284 285 286 304 322 353 404 410 412 417 424 426 470 500 501 503 511 527 536 561 603 620 625 650 715 754 806 810 811 812 818 819 820 830 832 836 837 838 840 841 842 843 844 845 846 847 848 849 850 851 852 853 855 856 857 858 859 860 861 862 863 865 866 867 869 870 872 873 874 878 888 890 892 897 940 945

CODE	DEFINITION & EXPLANATION
1S	Side One
2S	Side Two
A1	Single
A2	Left Front
A3	Right Front
A4	Left Rear
A5	Right Rear
A6	Inside Left Rear
A7	Outside Left Rear
A8	Inside Right Rear
A9	Outside Right Rear
AL	All
AO	Single End Overhang
AS	Siding
B1	Bolster
BC	Back of Cab
BI	Bilateral
BK	Rear
BL	Block
BR	Brick
BS	Both Sides
BT	Bottom
CH	Casing Head Flange *A flange affixed at the top of the casing string used to attach the production equipment; this surface can be used as a log-zero reference point*
CT	Center
DO	Double End Overhang
DT	Downstream Tap *The tap source or location for the static pressure being measured is from the downstream*

port of the flange or pipe tap; "Downstream Tap" terminology is used to indicate the source of the static pressure being measured and/or the application in the volume calculation

DU Dual Fuel Tank Position

EX Exterior

FR Front

FS Front Spare

GF Rig Floor
The platform of a drilling rig or derrick on which drilling operations are carried out; this surface can be used as a log-zero reference point

IN Inside

IT Interior

KB Kelly Bushing
A device fitted to the rotary table through which the kelly passes and by means of which the torque of the rotary table is transmitted to the kelly and to the drillstem; this surface can be used as a log-zero reference point

LC Less Critical Surface

LO Lower

LT Left

M1 Multiple

MC More Critical Surface

MD Middle

NS Not Specified

NT Next Relative Position

OA Overall

OS One Side

OT Outside

R0 Relative Position 10

R1 Relative Position 1

R2 Relative Position 2

R3 Relative Position 3

R4 Relative Position 4

R5 Relative Position 5

R6 Relative Position 6

R7 Relative Position 7

R8 Relative Position 8

R9 Relative Position 9

RA Relative Position 11

RB Relative Position 12

RC Relative Position 13

RD Relative Position 14

RE Relative Position 15

RF Relative Position 16

RG Relative Position 17

RH Relative Position 18

RI Relative Position 19
RJ Relative Position 20
RK Relative Position 21
RL Relative Position 22
RM Relative Position 23
RN Relative Position 24
RO Relative Position 25
RP Relative Position 26
RQ Relative Position 27
RR Relative Position 28
RS Relative Position 29
RT Relative Position 30
RU Relative Position 31
RV Relative Position 32
RW Relative Position 33
RX Relative Position 34
RY Relative Position 35
RZ Relative Position 36
S1 Relative Position 37
S2 Relative Position 38
S3 Relative Position 39
S4 Relative Position 40
S5 Relative Position 41
S6 Relative Position 42
S7 Relative Position 43
S8 Relative Position 44
S9 Relative Position 45
SA Relative Position 46
SB Right
SC Relative Position 47
SD Relative Position 48
SE Relative Position 49
SF Relative Position 50
SL Schnabel
Used to describe position of a transportation load located between two ends of wheelsets in such a way that the load itself makes up part of the equipment
SN Stone
SP Spare Tire Position
SS Rear Spare
ST Stucco
SU Sub-sea
Depth measured below sea level; this surface can be used as a log-zero reference point
TB Tank Bottom
TP Top

TS Two Sides

UC Under Cab

UN Unilateral

UP Upper

UT Upstream Tap
The tap source or location for the static pressure being measured is from the upstream port of the flange or pipe tap; "Upstream Tap" terminology is used to indicate the source of the static pressure being measured and/or the application in the volume calculation

WF Wood

753 - Packaging Characteristic Code

Code specifying the marking, packaging, loading and related characteristics being described

TYPE=**ID** MIN=**1** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

PKG

TRANSACTION SETS USED IN

180 536 754 810 830 832 840 841 843 846 847 848 850 855 856 857 860 862 865 867 870 888 897

CODE	DEFINITION & EXPLANATION
01	Casing Type
02	Recycle Code SEE CODE SOURCE 708
10	Shipping Package Labeling
11	Shipping Package Sealing
12	Primary Marking
13	Secondary Marking
34	Product Marking
35	Type of Package
36	Package Specifications
37	Package Protection
38	Tarping
39	Platform/Skid Location
40	Bearing Piece Location
42	Placement on Carrier
43	Spacing Directions
44	Unloading Device
45	Unloading Equipment
60	Product Marking Pattern
61	Product Marking Location
62	Package/Container Mark Location
63	Marking Method
65	Core Characteristics
66	Receiving Facility Limitations
67	Tagging/Bar Code Instructions
68	Skid/Pallet Type
CB	Container Type
CC	Container Characteristics
CD	Cleaning or Drying Procedure SEE CODE SOURCE 197
CS	Container Shape
CT	Cushioning Thickness SEE CODE SOURCE 197

HM Hazardous Material
SEE CODE SOURCE 204

IC Intermediate Container
SEE CODE SOURCE 197

IP Intermediate Pack

JU Code Date Type Julian CCYY-J
Identifies the Julian date format displayed on the packaging. Example: 2009-036 = 5 February 2009.

LP Level Of Preservation
SEE CODE SOURCE 197

NU Code Date Type Numeric CCYYMMDD
Identifies the Numeric date format displayed on the packaging. Example: 20150715 = July 15, 2015

PK Packing
SEE CODE SOURCE 197

PM Preservation Method
SEE CODE SOURCE 197

PN Promotional Marking

UC Unit Container
SEE CODE SOURCE 197

UP Unit Pack

WM Wrapping Material
SEE CODE SOURCE 197

CUD Cushioning and Dunnage
SEE CODE SOURCE 197

EAS Electronic Article Surveillance (EAS) Tag Inidicator

LCE Lot Code Expiration Based

LCP Lot Code Production Based

OPI Optional Procedure Indicator
SEE CODE SOURCE 197

PER Perishable Packaging

PML Preservation Material
SEE CODE SOURCE 197

SER Serial Number Location Code

SMK Special Marking
SEE CODE SOURCE 197

UCL Unit Container Level
SEE CODE SOURCE 197

754 - Packaging Description Code

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

TYPE=**AN** MIN=**1** MAX=**7**

Code Sources

39

SEGMENTS USED IN (AS SIMPLE)

PKD PKG

TRANSACTION SETS USED IN

180 271 272 536 754 810 830 832 840 841 843 846 847 848 850 855 856 857 860 862 865 867 870 888 897

755 - Report Type Code

Code indicating the title or contents of a document, report or supporting item

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BCI BIA BOR BPP BPT BTR CAT CFT CRT IMM PWK SPI

TRANSACTION SETS USED IN

105 113 124 130 143 147 161 175 176 179 186 189 194 195 196 198 202 206 251 252 255 261 262 265 267 271 272 274 275 277 278 280 284 286 304 310 500 501 511 536 650 805 806 810 830 832 833 836 837 838 839 840 841 842 843 846 850 855 856 860 863 865 867 870 892

CODE	DEFINITION & EXPLANATION
01	Product Transfer
02	Resale
03	Report Justifying Treatment Beyond Utilization Guidelines
04	Drugs Administered
05	Treatment Diagnosis
06	Initial Assessment
07	Functional Goals *Expected outcomes of rehabilitative services*
08	Plan of Treatment
09	Progress Report
10	Continued Treatment
11	Chemical Analysis
12	Mechanical Properties
13	Certified Test Report
14	Core Loss Test Report
15	Justification for Admission
16	Western Region 01 (Internal Revenue Service Summary of line 31 on 1040)
17	Return From Tax Payer Report (Internal Revenue Service Summary)
18	Note Receivable
19	Credit Report
20	Process Plan
21	Recovery Plan
22	Functional Plan
23	Contractual Plan
24	Non-Contractual Plan
25	Purchase Plan
26	Production Plan
27	Contract Delivery Schedule
28	Master Delivery Schedule
29	Assembly Plan
30	Lead Time Chart

31 Master Schedule
32 Master Production Schedule
33 Manufacturing Flow Diagram
34 Lot Release Plan
35 Subcontractor Plan
36 Development Plan
37 Lease Agreement
38 Court Judgment
39 Lottery Winning Letter
40 Curb Side Inspection
41 Statistical Model
42 Interior and Exterior Inspection
43 Non-Inspection Report
44 Review Appraisal
45 Investor Guidelines
46 Sole Discretion Inspection
47 Brokers Price Opinion
48 Social Security Benefit Letter
49 Divorce Decree
50 Contract
51 Gift Letter
52 Will
53 Trust Agreement
54 Award Letter
55 Rental Agreement
56 Preliminary Real Estate Settlement Statement
57 Income Statement (Internal Revenue Service Form 1099)
58 Utility Bill
59 Benefit Letter
60 Canceled Check
61 Individual Tax Return (Internal Revenue Service Form 1040)
62 Asset Account Statement
63 Statement of Profit and Loss
64 Partner Share of Income, Credit, Deductions, (Internal Revenue Service Form K1)
65 Partnership Tax Return (Internal Revenue Service Form 1120)
66 Pay Stub
67 Wage and Tax Statement (Internal Revenue Service Form W2)
68 Year End Statement
69 Bank Statement
70 Verification of Loan/Installment Debt Form
71 Verification of Deposit Form
72 Verification of Mortgage/Rent Form
73 Verification of Employment Form

74 Corporation Tax Return (Internal Revenue Service Form 1065)
75 Title Certificates
76 Real Estate Settlement Statement (Housing and Urban Development Form - 1 "HUD1")
77 Support Data for Verification
78 Visa/Export License
79 Multi-Country Textile Declaration
Statement of where different components of product were made and what processes were undergone in each country
80 Single Country Textile Declaration
Statement of country of growth, origin or manufacture
81 Negative Textile Declaration
Statement of country of growth, origin or manufacture and is used for products not subject to government textile guidelines
82 Endangered Species Convention on International Trade in Endangered Species (CITES)
83 Trademark Release
84 Water Resistance Statement
85 Certificate of Ceramicware Ceramics Commodities Inspection Bureau (CCIB)
Certificate stating levels of lead and cadmium content in product
86 Wearing Apparel Detail Sheet (WADS)
87 Interim Footwear Invoice
88 Impact Resistance Statement
89 Toxic Substance Compliance Statement
90 Foreign Shippers Declaration
Declaration by shipper that goods are of U.S. origin
91 Veterinarian Certificate
92 Child Labor Certificate
Certificate stating no child labor was used in production of product
93 Prison Labor Certificate
Certificate stating no prison or forced labor was used in production of product
94 Purchase Order Copy
95 Product Analysis
96 American Automotive Labeling Act Certificate
97 Broker Market Analysis
A1 Air Emissions Statements
A2 Anti-Dumping Gasoline Program Report
A3 Allergies/Sensitivities Document
A4 Autopsy Report
AA Agent Inventory Report
AB Assembly Drawing
AC Assay Certificate
A written statement prepared showing the properties of the product shipped, lot numbers, etc.
AD Agent/Distributor Inventory Report
AE Attachment

AF Aid Form
Application for approval of commodity eligibility of certain products going to certain countries

AG Actual

AH Easement Report

AI Conditions, Covenant, and Restrictions Report

AJ Impound Account Escrow Analysis Report

AK Closing Escrow Analysis Report

AL Reserved Escrow Analysis Report

AM Ambulance Certification
Information to support necessity of ambulance trip

AN Title Policy

AO Average Outgoing Quality Report

AP Advanced Problem Notification

AQ Housing and Urban Development (HUD) 1 Report

AR Asset Reclassification Extension Request

AS Admission Summary
A brief patient summary; it lists the patient's chief complaints and the reasons for admitting the patient to the hospital

AT Purchase Order Attachment

AU Automobile Claim Report

AV Averaging Areas Report

AW Air Waybill
Forwarding or carrying agreement between shipper and air carrier and is obtained from the airline used to ship the goods in question; used as a receipt for cargo and contract of carriage

AX Asset Reclassification Extension Response

AY Tax Certificate

AZ Home Owner Authorization

B1 Batch Report

B2 Prescription

B3 Physician Order

B4 Referral Form

BA Budget

BB Buy or Sell Exchange Contract Status Statement

BC Bill of Lading Copy

BE Benzene Content Averaging Report

BF Bailment Warehouse Withdrawal Request

BL Bill of Lading

BM Bill of Material

BN Beneficiary Certificate
Letter prepared by the documentation editor or by a forwarder stating that certain conditions, as called for in a letter of credit, have been complied with

BO Bill of Lading Original

BR Benchmark Testing Results

BS Baseline

BT Blanket Test Results
BU Billback Report
BW Bill of Sale
BY Biennial Report
C1 Cost Data Summary
C2 Functional Cost and Hour
C3 Progress Curve
C4 Plant-Wide Data
C5 Certified Cost and Price Data
C6 Wage Determination
C7 Credit Transfer Summary Report
C8 Chemical/Radiological Report
C9 Certification/Authorization Document
CA Certificate of Analysis
CB Chiropractic Justification
Lists the reasons chiropractic is just and appropriate treatment
CC C.A.A. Certificate of Conformance (British CAA)
CD Customer/Distributor Inventory Report
CE Constable Report
CF Capability
CG Certificate of Origin
Certified document that shows the national origin of goods, is presented to customs authorities upon their importation; in some cases, it is necessary that they be legalized by a consul of the country of destination; in some cases, they may be certified by a stateside organization such as a local chamber of commerce
CH Certificate of Weight
A list itemizing the material in each package; indicates the type of package; shows the individual net, tare, and gross weights for each package; shows the batch number for each package
CI Certificate of Inspection Report
CJ Complications Document
CK Consent Form(s)
CL Cable
Required sometimes to bank advising shipping information and details of invoice; required sometimes to be sent to customer when insurance is covered by buyer; is required usually on China shipments
CM Customer/Manufacturer Inventory Report
CN Customer's Report of Nonconformance
CO Consignment Order
CP Certificate of Compliance (Material Certification)
CQ County Record
CR Letter of Credit
A written undertaking of a bank (issuing bank) acting at the request and on the instruction of its customer (the applicant for the credit) to make payment to, or to the order of, a third party (beneficiary), pay or accept drafts drawn by the beneficiary, or authorize another bank to effect payment or to pay, accept or negotiate drafts against stipulated documents; terms and

conditions of the credit must be complied with before payment, negotiation, or acceptance can be made

CS Consigned Inventory Sales Report

CT Certification

CU Customer Notification Letter

CV Change of Hospice Benefit
Includes revocation

CW Corrective Work Order

CX Cost/Schedule Status Report (C/SSR)
Contract status report showing budget, performance, actual, cost variance, schedule variance, budget at complete, estimate at complete, and variance at complete at specified levels of the work breakdown structure

CY Contract Funds Status Report (CFSR)
Status report for funds appropriation including commitments, actual cost, forecast of billings, and estimated termination costs

CZ Campus Police Report

D2 Drug Profile Document

DA Dental Models
Cast of the teeth; they are usually taken before partial dentures or braces are placed

DB Durable Medical Equipment Prescription
Prescription describing the need for durable medical equipment; it usually includes the diagnosis and possible time period the equipment will be needed

DC Distributor/Customer Inventory Report

DD Distributor Inventory Report

DE Certificate of Quality
Certification, in the form of a letter, that product complies with the quality specifications in the letter of credit; may also state that packing is suitable for long distance travel

DF DA59 Special Customs Invoice for South Africa

DG Diagnostic Report
Report describing the results of lab tests x-rays or radiology films

DH Nitrogen Certificate
A statement that lines were plugged with nitrogen prior to loading and a blanket of nitrogen was placed on top of product after loading to assure that the product stays dry and oxygen free

DI Directory
Reports that provide information about a subject, name, product, etc

DJ Discharge Monitoring Report

DK Drawback Affidavit

DL Draft and Transmittal Letter
Written order by the drawer (exporter or principal) directing the drawee (importer) to make payment at sight or at a determinable future date

DM Distributor/Manufacturer Inventory Report

DN Deviation/Nonconformance Test Results and Request for Action

DQ Delinquency

DR Datalog Report

DS Discharge Summary
Report listing the condition of the patient upon release from the hospital; it usually lists

where the patient is being released to, what medication the patient is taking and when to follow-up with the doctor

DT Department of Transportation

DU Commercial

DV Condominium

DW Drawing(s)

E1 Exporter's Certificate and Agreement

EA Electrical Average Outgoing Quality Report

EB Explanation of Benefits (Coordination of Benefits or Medicare Secondary Payer)
Summary of benefits paid on the claim

EC Engineering Change Order

ED Environmental Exposure Document

EH Election of Hospice Benefit
Includes selection of benefit and physicians' certification of terminal illness

EL Eligibility

EP Experimental Material Purchase Order

ER Engineering Change Request

ES Source Selection Plan

EX Shippers Export Declaration
An official document submitted by a U.S. exporter whenever a shipment of merchandise goes from the U.S. to a foreign destination; joint bureau of the Census-International Trade Administration issues this form used for compiling U.S. export control laws

EY Barrel for Barrel Exchange Contract Status Statement

F1 Cost Performance Report (CPR) Format 1
Detailed contract status report including current reporting month values at specified levels of the work breakdown structure

F2 Cost Performance Report (CPR) Format 2
Detailed contract status report at specified levels of the organization breakdown structure

F3 Cost Performance Report (CPR) Format 3
Contract baseline report that summarizes changes to the contract over a given reporting period with beginning and ending values

F4 Cost Performance Report (CPR) Format 4
Contract resource summary report that forecasts labor requirements for the remainder of a contract

F5 Cost Performance Report (CPR) Format 5
Contract summary or detail report explaining significant cost or schedule variances

F6 Transportation Carrier Inspection Report

F7 Government Inspection Report

F8 Inspection Waiver (Written)

F9 Inspection Waiver (Oral)

FB Federal Bureau of Investigation

FC Fumigation Certificate

FD Federal Specification Compliance

FE Federal Emergency Management Agency

FH Limitation of Heavy Elements

FI Fire Report

FM Family Medical History Document
FO Post-Operative Radiology Films
FR Pre-Operative Radiology Films
FS Certificate of Free Sale
G1 State Form
G2 Clearance Letter
G3 Background Release
G4 Exam Results
G5 Prelicense Certificate
G6 National Association of Securities Dealers Certification
G7 License Copy
GP Gas Processor's Report
GT Gas Transporter's Report
HC Health Certificate
HI Hazardous Material Incident
HP History and Physical
HR Health Clinic Records
HW Hazardous Waste Manifest
I2 Consular Invoice
Document required by some foreign countries; describes a shipment of goods and shows other information such as the consignor, consignee, and shipment's value; used by the country's customs officials to verify the value, quantity, and nature of the shipment, and certified by a consular official of the foreign country
I3 Customs Invoice
A few countries require the use of a special invoice form; usually in place of a seller's commercial invoice, this form requires all of the usual data required in a commercial invoice; if the shipment is being made to a customer, a commercial invoice will still be mailed to the customer
I4 Forwarder's Invoice
The invoice the forwarder receives from shipper and completes by adding ocean freight amount, vessel name, sailing date, estimated time of arrival, FOB amount, etc.
I5 Immunization Record
I6 Carrier's Invoice
IA Insurance Attachment
A sheet that states shipments made from one date are covered under an open cover policy, up to $2,500,000
IC Insurance Certificate
Required when the seller provides ocean marine insurance; the certificate is a negotiable document; must be endorsed before it can be submitted to the bank
IM Import License
Some national governments issue and require this document to authorize imports into their countries
IN Inspection Request
IP Inventory Parameter Report
IR State School Immunization Records
IS Index System

IT Certified Inspection and Test Results
IU Inspection Result
IV Invoice
J1 Doctor's First Report of Injury
J2 Supplemental Medical Report
J3 Medical Permanent Impairment
J4 Medical Legal Report
J5 Vocational Report
J6 Work Status Report
J7 Consultation Report
J8 Permanent Disability
J9 Itemized Statement
JA Certificate of Good Standing
JB Tax Status Clearance
JC Consent to Use Name
JD Certificate of Registration
JE Certificate of Existence
JF Certificate of Status
JG Certificate of Name Change
JH Certificate of Merger
JI Certificate of Significant Change
JK Balance Sheet
JL Application of Name Reservation
JM Schedule of Capital
JN Foreign Tax Return
JO Permit Application
JP Admission Tax Return
JQ Addendum to Articles
JR Articles and Amendments
JS Appointment of Commissioner as Registered Agent
JT Certificate of Disclosure
JV Notice of Registered Office
JW Notice of Directors
JX Organization and First Biennial Report
JY Agreement of Statutory Agent
JZ Consent to Act
KA Contract Data Requirements List (CDRL)
KC Kosher Certificate
KD Engineering Drawing List
KE Purchased Engineering Data List
KF Support Documents
KG Purchased Documents
KH Proposal Support Data

KI Purchased Drawings
KJ Change Proposal Data
KY Report of Assignment or Modification of Key Events
KZ Request for Assignment or Modification of Key Events
LA Laboratory Results
LB Legalized Bill of Lading
A bill of lading that must be taken to the consulate of a foreign country to be legalized
LC Location Inventory Report
LD Laboratory Quality Review Variation, Deviation
LE Latest Revised Estimate
LG Legalized Certificate of Origin
A certificate of origin that must be legalized by a consulate of a foreign country
LI Legalized Invoice
An invoice that must be legalized by a consulate of a foreign country
LN Location Reconciliation History Notification Report
LO Laboratory Quality Review Order, Waiver
LP Labor Plan
LR Laboratory Quality Review Order, Deviation
LS Lease Settlement Statement
LT License Application Attachment
LW Laboratory Quality Review Variation, Waiver
M1 Medical Record Attachment
MA Manufacturer/Agent Inventory Report
MB Manufacturer/Distributor Inventory Report
MC Manufacturer/Customer Inventory Report
MD Material Data Sheets
ME Major Deviation Request
MF Manufacturing Specification
Instructions and or recipes to be followed in the manufacture of a product, or component of a product
MG Migrant Student Records Transfer System (MSRTS) Record
MH Report of Full Maintenance Period Detail
MI Mortgage Insurance Certification
MJ Request for Maintenance Period Status
MK Report of Maintenance Period Status
ML Request for Full Maintenance Period Detail
MM Manufacturer Inventory Report
MN Minor Deviation Request
MO Manufacturer's Statement of Origin
MP Request for Establishment, Modification, or Cancellation of Maintenance Period
MQ Report of Establishment, Modification, or Cancellation of Maintenance Period
MR Material Inspection and Receiving Report
MS Material Safety Data Sheet
MT Models

MV Metered Volumes
The result of measurements of the gas flow through a pipe at a specific physical location

MZ Motor Vehicle Report

NA National Insurance Crime Bureau Assignment

NC Certificate of Quantity
Certification, in the form of a letter, that the quantity invoiced agrees with the quantity shown on the packing list; certificate of quantity may be included with the certificate of quality

ND Commercial Invoice
A bill for goods from the buyer to the seller; should include basic information such as description of the goods, address of shipper and seller, delivery and payment terms, etc.; buyer needs invoice to prove ownership and to arrange payment; used by some governments to assess customs duties; serves as the basis in preparing all other documents covering the shipment

NI National Insurance Crime Bureau

NL National Insurance Crime Bureau Total Loss

NM Monthly Contractor Financial Management Report

NN Nursing Notes
Notes kept by the nurse regarding a patient's physical and mental condition, what medication the patient is on and when it should be given

NO National Insurance Crime Bureau Other than Theft

NQ Quarterly Contractor Financial Management Report

NR NOx Emissions Averaging Report

NT National Insurance Crime Bureau Total Theft

OB Operative Note
Step-by-step notes of exactly what takes place during an operation

OC Oxygen Content Averaging Report

OD Orders and Treatments Document

OE Objective Physical Examination (including vital signs) Document

OL Ocean Bill of Lading

OP Outside Production Operation Sheet

OR Oil Storer's Report

OS Organization Breakdown Structure

OT Oil Transporter's Report

OX Oxygen Therapy Certification

OZ Support Data for Claim
Medical records that would support procedures performed; tests given and necessary for a claim

P1 Packing List

P2 Protest

P3 Receipt

P4 Pathology Report

P5 Patient Medical History Document

P6 Periodontal Charts

P7 Periodontal Reports

P8 Property Claim Report

P9 Provisioning - Supply Support Information

PA Part Drawing
PB Product Catalog
PC Process Change Notice
PD Proof of Delivery
PE Parenteral or Enteral Certification
PF Product Specification
Specifications, generated by the supplier/manufacturer, detailing the properties or performance characteristics of a finished product
PG Packaging Specification
Specifications detailing how individual products, or groups of products, are to be packaged for shipment
PH Production History - Property Level
PI Product Availability Inquiry
PJ Purchasing Specification
Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging, transportation, delivery, and payments
PK Storage Information Inquiry
PL Property Insurance Loss Register
PM Proof of Insurance
PN Physical Therapy Notes
PO Prosthetics or Orthotic Certification
PP Proposal
PQ Paramedical Results
PR Purchase Report
PS Pipeline/Shipper Inventory Report
PT Inter-Plant Inventory Report
PV Police Report
PW Production History - Well Level
PX Production, Injection and Disposition Report
PY Physician's Report
PZ Physical Therapy Certification
QC Cause and Corrective Action Report
QD Quality Review Order, Purchasing
QE Quality Detail
Signifies lot by lot detail
QM Quality Review Order, Manufacturing
QR Quality Report
QS Quality Review Order Supplement
QT Quality Summary
Summarizes quality lot or lots
R1 Reformulated Gasoline/Anti-Dumping Company Registration
R2 Reformulated Gasoline/Anti-Dumping Facility Registration
R3 Technical Information Package
R4 Purchased Technical Information Package

R5 Technical Information
R6 Miscellaneous Information
R7 Compliance Review
R9 Accident
RA Revision Announcement
RB Radiology Films
X-rays, videos, and other radiology diagnostic tests
RC Request for Cause and Corrective Action Report
RD Payment Bond
RE Performance Bond
RF Reliability Fail Rate Report
RG Residential
RH Bid Bond
RM Request for Manufacturing Engineer Appraisal
RN Supplier's Report of Nonconformance
RO Regular Order
RR Radiology Reports
Reports prepared by a radiologist after the films or x-rays have been reviewed
RT Report of Tests and Analysis Report
RV Reid Vapor Pressure (RVP) Averaging Report
RX Renewable Oxygen Content Averaging Report
S1 Supply and Shipment Status Report
Report contains 100 percent status on stockage and shipment
S2 Supply Status Report
Report contains 100 percent status on stockage
S3 Exception Supply Status Report
Report contains exception status on stockage
S4 Exception Supply and Shipment Status Report
Report contains exception status on stockage and shipment
S5 Product Quality Deficiency Report Category I
A report identifying a product deficiency that has the potential to cause death or injury, or severely restricts combat readiness, or results in a production line stoppage
S6 Product Quality Deficiency Report Category II
A report identifying all product deficiencies not covered by a Category I report
S7 "Walsh-Healey Act" Manufacturer or Regular Dealer
A report required to be rendered by a quoting party when the quote exceeds $10,000.00
S8 Report of Findings
S9 Representation
A statement (report) by a prospective contractor that makes a representation about a specific condition
SA State Police Report
SB Sample Approval and Rejection List
A listing of approved and disapproved cotton bales along with a reading of tests done and reasons for rejection sent by a textile mill to a merchant
SC Sanitary Certificate
Certificate of purity usually supplied by a health department

SD Support Data for a Request for Quote
SE Security Police Report
SF Contract Security Classification Specification
SG Symptoms Document
SH Sheriff Report
SI Seller Inventory Report
SJ Statement of Work
SL Sample Bale List
SM Shipping Manifests
SN Shipping Notice
SO Secretary Certificate
SP Specification
SQ Statistical Quality Documents
SR Statistical Report
SS Seller Sales Report
ST Student Educational Record (Transcript)
SU Supplier's Certificate
A form that has to do with commission that is being paid to a representative because he took the order from the customer for shipper's products
SV Survey
SW Sea Waybill
SX Steamship Due Bill
SY Train Sheet
T1 Title Bill
T2 Preliminary Title Work
T3 Loan Documents
T4 Tax Information
T5 Toxics Emissions Performance Averaging Report
T6 Toxics Release Inventory
T7 Therapy Notes
TA Asset Support Inquiry
An inquiry as to the abilities of an organization to support contingency or operational plans or projects
TB Asset Support Advice
A response detailing the capabilities of an organization to support contingency or operational plans or projects
TC Physical Inventory Request
A request for or notification of a physical inventory action
TD Asset Reclassification Response
TE Asset Reclassification Request
TF Transaction History Request
TG Two to Four Family
TH Total Theft Claim Report
TI Asset Status Inquiry
TJ Asset Status Advice

TK Logistics Transfer Inquiry
An inquiry as to the current status of material transfers between inventory managers

TL Logistics Transfer Advice
A response to an inquiry for the current status of material transfers between inventory managers

TM Stock Sale Report

TN Delayed Sale Report
A standard transaction to establish, reverse, or cancel a backorder

TO Demand Report

TP Treatments Certificate
Form required for New Zealand and Australia that states that the container has been cleaned prior to loading shipment and certifies that no straw, rice hulls, or similar plant materials were used as packing materials

TQ Storage Information Advice

TR Transmittal Letter
The section of information attached to a draft which shows the drawee and address (sold to), draft number (seller's order number), tenor, letter of credit amount, and lists the documents that the bank should get; It also shows the U.S. bank name/address to which the forwarder mails the documents indicated

TS Sulfur, Olefins, and T90 Averaging Report

TT Title Transfer

TX Tax-exempt Certificate

U1 Survey Report

UA Union Agreement

UB Certificate of Designation of Registered Agent

UD List of Officers and Directors

UE Resolution and Consent Form

UF Domestic Business Corporation Initial Report

UG Registered Agent Application

UH Articles of Incorporation

UI Certificate of Compliance

UJ Certificate of Authorization

UK Charter

UL Other Type of Report

UM Affidavit of Acceptance

UN Resolution Adopting Fictitious Name

UO Trade Name Application

UP Declaration of Solicitor

UQ Memorandum of Association

UR Notice of Registered Agent

US "BUY AMERICA" Certification of Compliance

UU Dissolution of Existing Registration

UV Appointment of Statutory Agent

UX Regulatory Approval for Professional Association

UY Initial Annual Report

UZ Certificate of Fact
V1 Voter Registration Application
V2 Voter Registration Application Disposition
V3 Voter Information Record
V4 Change of Name and/or Address
V5 Death Notification
V6 Felony Conviction Notification
V7 Incompetency Notification
VA Variance Analysis
VC Volatile Organic Compounds (VOC) Emissions Averaging Report
VD Data Request for Vendor's Specifications or Drawings.
VM Visual/Mechanical Average Outgoing Quality Report
W1 Safe Drinking Water Bacteriological Report
W2 Safe Drinking Water Report
WA Fictitious Name Statement
WB Work Breakdown Structure
WC Request for Assignment or Deletion of Work Candidate
WD Report of Assignment or Deletion of Work Candidate
WE Business Conducted Prior to Qualification Form
WF By-Laws
WG Appointment of Agent for Service and Consent to Act
WH Certificate of Name Clearance
WI Well Information
WP Work Progress
WT Well Test Information
X1 Complete Appraisal
X2 Limited Appraisal
X3 Self-contained Report
X4 Summary Report
X5 Restricted Report
XE Equipment Test Results
XP Photographs
Y1 Appraisal
Y2 Broker Price Opinion
Y3 Real Estate Property Information
YA Finished Goods Inventory Cover
The amount of finished goods inventory at the stocking location(s) in terms of the estimated daily demand.
YB Forecast Accuracy
The mean absolute percent agreement of the forecast with the actual sales, receipt or shipment quantity, expressed in unit volume or monetary terms
YC Invoice Accuracy
The percentage of seller invoices deemed accurate out of all invoices received.

YD Item Data Synchronization
The percentage of items (including applicable trade item hierarchy) published and sold from the seller that are synchronized by the buyer via the Global Data Synchronization Network (GDSN) or other defined electronic commerce interface.

YE Item Master Data Accuracy
The percentage of items with accurate physically measured dimensions and weight attributes (as provided by the seller) of all items that were physically verified.

YF Markdown
The percentage of monetary sales that were sold below the normal retail price. Includes seasonal clearance, discontinuation, employee discount, response to competitive activity or other retailer-initiated price reductions.

YG On Time Delivery
The percentage of shipments that arrived on the receiver's premises within the agreed date and time, out of all shipments that were delivered. The first scheduled appointment date and time is the recommended agreed date and time.

YH On Time Payment
The percentage of payments made within a seller's terms of sale out of all payments received.

YI Order Item Quantity Change
The percentage of orders placed by the customer in the trading relationship that required changes in items or item quantities prior to release.

YJ Order to Delivery Cycle Time
The average length of time between order placement and the time product arrived and was available for unloading at the agreed customer location.

YK Out of Stock
The percentage of items that is not available at their expected stocking locations out of the set of item stocking locatins that were evaluated.

YL Retail Gross Profit Margin
The average percentage amount a retailer will profit per item or group of items sold to a consumer after deducting operating expenses.

YM Sales Growth
The percentage increase in monetary or unit sales compared to an equivalent time period one year prior to the period being measured.

YN Service Level Fill Rate
The percentage of product that a buyer received or the seller shipped compared to the original ordered quantity.

YP Share
The percentage of sales of a subset of items and/or locations in a broader market context, which can be defined in terms of a product category, class of trade or geography.

YQ Unsaleables
The percentage of products that were removed from the primary channel of distribution due to damage, expiration, discontinuation, seasonality, promotion completion or defects.

YR Retail Item Gross Margin
The average percentage amount a Retailer will earn for an item sold to a consumer before deducting operating expenses.

YS Stock Retention Levels Report
Used to report stock retention levels to a DLA storage activity

ZA Flood Determination Report

ZB Conventional Ammunition Suspension Report
An action that suspends or freezes continued use of a specified quantity of conventional ammunition

ZC Self Monitoring Report

ZZ Mutually Defined

756 - Report Transmission Code

Code specifying timing, transmission method or format by which reports are to be sent

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

B11 CAT PWK RDM

TRANSACTION SETS USED IN

105 113 143 147 161 179 186 194 195 198 202 206 213 252 255 261 262 265 267 271 272 275 277 278 280 284 304 310 500 511 536 810 820 830 832 833 835 836 837 840 841 842 843 850 855 856 860 865 867 870

CODE	DEFINITION & EXPLANATION
1	Summary Electronic Invoice
2	Full Electronic Invoice
3	Printed Invoice Sent by Mail
4	Summary Electronic Invoice and Printed Invoice Sent by Mail
5	Full Electronic Invoice and Printed Invoice Sent by Mail
6	No paper Invoice
7	Summary Electronic Invoice and No paper Invoice
8	Full Electronic Invoice and No Paper Invoice
9	Electronic Mail
AA	Available on Request at Provider Site
AB	Previously Submitted to Payer
AC	American College of Radiology/National Electronic Manufacturers Association (ACR/NEMA DICOM) Format SEE CODE SOURCE 463
AD	Certification Included in this Claim
AE	Electronically After Shipping
AF	Narrative Segment Included in this Claim
AG	No Documentation is Required
AM	By Mail After Shipping
AS	American Society for Testing and Materials Format (ASTM E1238) SEE CODE SOURCE 114
AT	American Society for Testing and Materials Format (ASTM E1384) SEE CODE SOURCE 114
AU	By Data Pattern *Indicates that a report will be transmitted across a telecommunications network using fixed-record images*
BE	By Mail and Electronically
BM	By Mail
BW	Best Way (Sender's Option)
CD	Courier Diskette
CF	Courier
CP	Courier Paper
CT	Courier Tape

DA Data
EL Electronically Only
EM E-Mail
FT File Transfer
FX By Fax
HL Health Industry Level 7 Interface Standards (HL/7) Format
SEE CODE SOURCE 464
IA Electronic Image
IE Electronically with Invoice
IM By Mail with Invoice
MB Binary Image
MD Mail Diskette
MN Magnetic Media
MP Mail Paper
MT Mail Tape
NS Not Specified
Indicates that a report will be transmitted via a nonspecified medium
OL On-Line
PO Printed Original Required
SE Electronically Before Shipping
SM By Mail Before Shipping
SN With Ship Notice
SW Society for Worldwide Interbank Financial Telecommunication (SWIFT)
TA Telex
TE Separately, Electronically at Time of Shipping
TM Separately, by Mail at Time of Shipping
TX Text
VO Voice
WS With Shipment (With Package)

757 - Report Copies Needed

The number of copies of a report that should be sent to the addressee TYPE=**N0** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PWK

TRANSACTION SETS USED IN

105 113 143 147 161 179 186 194 195 198 202 206 252 255 261 262 265 267 272 277 278 280 284 304 310 500 511 536 810 830 832 833 836 837 840 841 842 843 850 855 856 860 865 867 870

758 - Hazardous Mnemonic Code

Code identifying hazardous classification placard notation, and proper endorsements as required by the Federal Highway Railway Administration. See X12 EDI Standard Figures, https://figures.x12.org, for the possible values to be used for data element 758.

TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

LH

TRANSACTION SETS USED IN

859

759 - Reportable Quantity Code

Code identifying presence of hazardous substance TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

LH LH2 LHE

TRANSACTION SETS USED IN

204 211 219 222 284 300 301 304 310 312 322 404 417 418 421 423 435 856 858 859 940

CODE	DEFINITION & EXPLANATION
RQ	Reportable Quantity

760 - Limited Quantity Indication Code

Code indicating hazardous material that is packaged in limited quantities and is excluded from placarding requirements

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

LH

TRANSACTION SETS USED IN

859

CODE	DEFINITION & EXPLANATION
Y	Yes

761 - Equipment Number Check Digit

Number which designates the check digit applied to a piece of equipment

TYPE=**N0** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

B4 IC M20 MS2 N21 N7 NA R12 VID W2 ZC1 ZD ZR ZT

TRANSACTION SETS USED IN

106 107 109 121 125 163 204 210 211 212 214 219 220 222 223 227 228 240 300 301 304 309 310 311 312 313 315 322 324 326 350 355 356 358 359 404 410 412 417 418 421 422 423 425 426 436 451 456 470 601 603 715 858 859 998

762 - Waybill Response Code

Code indicating a waybill response

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

ZR

TRANSACTION SETS USED IN

426

CODE	DEFINITION & EXPLANATION
A	Full Waybill
B	Trailing Car Waybill
C	Concur
D	Revenue Data Not Available
E	Road Not Entitled to Data
H	No Record of Haulage
K	Processed Waybill
L	Co-Load Shipment
M	Already Mailed
N	No Record of Waybill
O	Non-Concurrence, New Opinion
R	Rule 11 Shipment
S	Waybill Already Settled
T	Destination Road Transition Waybill
U	Other than Destination Road Transition Waybill
W	Nonrevenue Waybill
X	Rule 11 Co-loaded Shipment

765 - Day of Month

The numeric value of the day of the month between 1 and the maximum day of the month being referenced

TYPE=**N0** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

ITD PYT

TRANSACTION SETS USED IN

110 140 155 210 304 561 810 811 812 819 830 832 836 838 840 843 845 850 855 857 858 859 860 865

766 - U.P.C./EAN Consumer Package Code

Code (Universal Product Code - U.P.C.) identifying the retail sales unit; consists of 2 high order digits identifying the system (U.S. Grocery = 00, 06 or 07, U.S. Drug = 03); the next ten digits are manufacturer ID: 5, Item ID: 5

TYPE=**AN** MIN=**12** MAX=**12**

SEGMENTS USED IN (AS SIMPLE)

G21 G28 G45 G51 G83 G89 ID1

TRANSACTION SETS USED IN

877 878 879 886 887 889 894 895 896

767 - Market Area Code Identifier

A unique identification of a market area

TYPE=**AN** MIN=**1** MAX=**13**

SEGMENTS USED IN (AS SIMPLE)

CMA G43 TAR

TRANSACTION SETS USED IN

290 832 879 883 887 888 889 893 896 897

768 - Quantity Must Purchase

A specific quantity that must be purchased to qualify for the merchandise indicated in data element "Quantity Free"

TYPE=**N0** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

G51

TRANSACTION SETS USED IN

887 889

769 - Exception Number

A unique number identifying an exception or modification to an offered or existing promotion

TYPE=**AN** MIN=**1** MAX=**16**

SEGMENTS USED IN (AS SIMPLE)

G45 G46 G72

TRANSACTION SETS USED IN

875 876 878 879 880 881 882 888 889 894 895 945

770 - Option Number

A unique number identifying available promotion or allowance options when more than one is offered

TYPE=**AN** MIN=**1** MAX=**20**

SEGMENTS USED IN (AS SIMPLE)

G46 G72 G94 SAC

TRANSACTION SETS USED IN

124 180 304 810 812 820 823 830 832 840 843 846 847 850 852 855 856 857 860 861 865 870 875 876 878 879 880 881 882 888 889 890 894 895 897 945

771 - Market Area Code Qualifier

Code identifying the identifier represented in "Market Area Code Identifier (767)"

TYPE=**ID** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CMA G43 TAR

TRANSACTION SETS USED IN

290 832 879 883 887 888 889 893 896 897

CODE	DEFINITION & EXPLANATION
001	Pricing Market
002	Store Number
003	See Free-form Text
004	Promotion Market
005	Pricing and Promotion Market-Manufacturer
006	All Stores *All retail stores within a market area*
007	Co-op Advertising Market
008	Pricing and Promotion Market-Customer
009	State or Province Abbreviation Code SEE CODE SOURCE 22
010	Zip Code SEE CODE SOURCE 51
011	Zip Code Beginning Value
012	Zip Code Ending Value
013	D-U-N-S+4, D-U-N-S Number With Four Character Suffix
111	Store Group
GLN	Global Location Number (GLN) *A globally unique 13 digit code used for the identification of any physical or legal location that needs to be uniquely identified for use in the supply chain. A GS1 identification key.* SEE CODE SOURCE 583

772 - Interchange Agreement Status Code

Code identifying status of carrier interchange agreement TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CI

TRANSACTION SETS USED IN
361 424

CODE	DEFINITION & EXPLANATION
E	In Effect
H	Hold
N	Not In Effect

773 - Quantity Free

A specific quantity that is offered at no cost when requirements of data element "Quantity Must Purchase" (768) are fulfilled

TYPE=**N0** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

G51

TRANSACTION SETS USED IN

887 889

781 - Statement Format Code

Code indicating the level of detail being communicated; supplied by the sender

TYPE=**ID** MIN=**6** MAX=**6**

Code Sources

61

SEGMENTS USED IN (AS SIMPLE)

BOS

TRANSACTION SETS USED IN

819

782 - Monetary Amount

Monetary amount TYPE=**R** MIN=**1** MAX=**18**

COMPOSITE DATA STRUCTURES USED IN

C022

SEGMENTS USED IN (AS COMPONENT)

CLP EB HI

SEGMENTS USED IN (AS SIMPLE)

AD1 ADJ ADX AIN AM1 AMT AP1 ARS ASL ASO AVA AWD B11 BAL BFS BLN BMA BOX BPR BTA BUY CAI CAS CCI
CDA CIV CLM CLP CN1 CPI CRD CS CST CTP CV DAD DB DOS DRT DSB EB ECS EDF FAA FBB FC FCL FIR
FIS FU2 G13 G17 G3 G32 G35 G38 G84 GF GR GRI HCP ICM IDB INC INV JID JIL L13 L9 LEQ LN LN1
LRQ M1 MCD MIA MLA MOA MPP OBI PAM PAS PCR PCS PDD PDL PEN PEX PLB PLI PPY PRC PRD PS1 PSA PTF
PYD RAS RES RIC RLD RMR RMT RO RPA RTE SBI SER SII SLI SPA STC SV1 SV2 SV3 SV4 SV5 SV6 SVC SVD
TCD TIA TII TLN TS2 TS3 TSU TXI USD VAD VC1 VDI

TRANSACTION SETS USED IN

100 101 103 104 105 110 111 112 113 120 124 126 132 133 135 139 140 141 142 144 148 149 150 151
152 153 154 155 159 170 175 176 179 180 185 186 187 189 190 191 194 195 196 197 198 199 200 201
202 203 205 206 210 213 215 219 220 245 248 251 252 255 256 259 260 261 262 263 264 265 266 267
268 269 270 271 272 273 274 275 276 277 278 283 284 285 286 288 290 304 310 362 404 412 414 424
432 470 501 503 511 517 521 527 536 540 561 567 568 601 650 805 806 810 811 812 813 814 818 819
820 821 822 823 824 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844
845 846 847 849 850 851 852 855 856 857 858 859 860 865 867 869 870 872 873 874 878 880 881 883
884 885 886 887 890 891 894 895 897 940 945 947

783 - Planning Schedule Type Code

Code identifying type of planning schedule used

TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)

BFR FST

TRANSACTION SETS USED IN

830 840 843 862

CODE	DEFINITION & EXPLANATION
AA	Customized Ordering Forecast
MM	Manufacturer to Manufacturer
MN	Consumer Sales Forecast
MP	Manufacturer to Publisher
OS	Operator to Shipper
OT	Operator to Transporter
PM	Publisher to Manufacturer
PS	Purchaser to Seller
SO	Seller to Operator
ST	Shipper to Transporter
TO	Transporter to Operator
TS	Transporter to Shipper
TT	Transporter to Transporter
XA	Requirement Forecast
XF	War Reserve Forecast

784 - Length of Binary Data

The length in integral octets of the binary data TYPE=**N0** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

BDS BIN

TRANSACTION SETS USED IN

102 105 176 179 186 187 197 240 252 255 267 268 271 274 275 280 824 841 842

785 - Binary Data

A string of octets which can assume any binary pattern from hexadecimal 00 to FF. Note: The maximum length is dependent upon the maximum data value that can be entered in DE 784, which value is 999,999,999,999,999.

TYPE=**B** MIN=**1** MAX=**999999999999999**

SEGMENTS USED IN (AS SIMPLE)

BDS BIN

TRANSACTION SETS USED IN

102 105 176 179 186 187 197 240 252 255 267 268 271 274 275 280 824 841 842

786 - Security Level Code

Code indicating the level of confidentiality assigned by the sender to the information following

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BCA BCH BCM BCS BEG BGN BPP BPT BQR BQT BSD BTR CRT EFI SPI

TRANSACTION SETS USED IN

100 101 103 105 106 107 108 112 113 124 130 131 132 133 135 138 139 140 141 142 143 144 146 147 149 150 152 154 155 157 158 159 175 176 179 180 185 186 187 189 190 191 194 195 196 197 198 199 200 201 202 203 205 206 228 240 242 244 245 249 250 251 252 255 259 260 261 262 263 264 265 266 267 268 269 272 273 275 280 283 284 285 286 288 362 423 432 433 470 475 500 501 503 504 521 540 561 568 603 620 625 650 715 753 754 805 806 814 822 824 831 832 833 834 838 839 840 841 842 843 850 853 855 860 863 865 867 872 873 874 877 881 887 888 891 892 897

CODE	DEFINITION & EXPLANATION
00	Company Non-Classified
01	Company Internal Use Only
02	Company Confidential
03	Company Confidential, Restricted (Need to Know)
04	Company Registered (Signature Required)
05	Personal
06	Supplier Proprietary
09	Company Defined (Trading Partner Level)
11	Competition Sensitive
20	Court Restricted
21	Juvenile Record Restricted
90	Government Non-Classified
92	Government Confidential
93	Government Secret
94	Government Top Secret
99	Government Defined (Trading Partner Level)
ZZ	Mutually Defined

787 - Record Length

Quantity of characters or bytes in a record. Synonyms are "logical record length" and "record size"

TYPE=**N** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

EFI

TRANSACTION SETS USED IN

105 176 186 187 197 240 252 255 267 268 280 832 840 841 842 843 850 855 860 865 897

788 - Block Length

Quantity of data elements in a block, usually specified in units such as records, words or characters; synonym for "block size"

TYPE=**N** MIN=**1** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

EFI

TRANSACTION SETS USED IN

105 176 186 187 197 240 252 255 267 268 280 832 840 841 842 843 850 855 860 865 897

789 - Drawing Sheet Size Code

Code indicating the drawing size and orientation of a technical drawing as specified and described in the current version of standards ANSI Y14.1 and ISO 5457 (E); see the listed ANSI and ISO standards for the maximum lengths for rolled sheets *

TYPE=**AN** MIN=**2** MAX=**2**

Code Sources

119

SEGMENTS USED IN (AS SIMPLE)

EFI

TRANSACTION SETS USED IN

105 176 186 187 197 240 252 255 267 268 280 832 840 841 842 843 850 855 860 865 897

CODE	DEFINITION & EXPLANATION
A0	841 x 1189 mm *
A1	594 x 841 mm *
A2	420 x 594 mm *
A3	297 x 420 mm *
A4	210 x 297 mm *
AH	8.5 x 11.0 inches
AV	11.0 x 8.5 inches
BH	11.0 x 17.0 inches
CH	17.0 x 22.0 inches
DH	22.0 x 34.0 inches
EH	34.0 x 44.0 inches
FH	28.0 x 40.0 inches
GH	11.0 *
HH	28.0 *
JH	34.0 *
KH	40.0 *
NL	8.5 x 14.0 inches (Legal)

790 - Entity Title

Title of the data entity

TYPE=**AN** MIN=**1** MAX=**132**

SEGMENTS USED IN (AS SIMPLE)

ATV CSE SPI STP

TRANSACTION SETS USED IN

130 133 138 175 176 179 188 189 194 249 251 262 286 650 805 832 838 840 841 843 850 860 865

791 - Entity Purpose

The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction

TYPE=**AN** MIN=**1** MAX=**80**

SEGMENTS USED IN (AS SIMPLE)

SPI

TRANSACTION SETS USED IN

175 176 179 194 251 262 286 650 805 832 838 840 841 843 850 860 865

792 - Entity Status Code

Code indicating the current status of the data item specified by the electronic data item

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

SPI

TRANSACTION SETS USED IN

175 176 179 194 251 262 286 650 805 832 838 840 841 843 850 860 865

CODE	DEFINITION & EXPLANATION
A	Approved Version
B	Initial Release
C	Cancelled
D	Released for Production
E	Released to Engineering
F	Released for Quotation
G	Replaces
H	Confirmation
J	Proposed *A specification that has yet to be accepted or approved by both trading partners*
K	Seller-Initiated Change
L	Engineering Change Notice
M	Engineering Change Order
N	Engineering Change Request
P	Conditional
Z	Mutually Defined

795 - Revision Level Code

Code indicating the revision or engineering change level of the data items referred to by the specification number

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

RDT

TRANSACTION SETS USED IN

841

CODE	DEFINITION & EXPLANATION
A	Change Level
B	Mark Level
C	Model Level
D	Modification Level
E	Revision Level
F	Sequence Level
G	Serial Number
H	Version Level
Z	Mutually Defined

796 - Revision Value

Revision or engineering change level of the data items referred to by the specification number

TYPE=**AN** MIN=**1** MAX=**30**

COMPOSITE DATA STRUCTURES USED IN

C053

SEGMENTS USED IN (AS COMPONENT)

TXN

SEGMENTS USED IN (AS SIMPLE)

BMS RDT

TRANSACTION SETS USED IN

838 841 848

797 - Security Technique Code

Code indicating that this element will be used to tell an EDI translator program which security technique to use

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

EFI

TRANSACTION SETS USED IN

105 176 186 187 197 240 252 255 267 268 280 832 840 841 842 843 850 855 860 865 897

CODE	DEFINITION & EXPLANATION
9A	Authentication
9E	Authentication and Encryption
9N	Encryption
OC	Clear Text
ZZ	Mutually Defined

799 - Version Identifier

Revision level of a particular format, program, technique or algorithm TYPE=**AN** MIN=**1** MAX=**30**

COMPOSITE DATA STRUCTURES USED IN

C022 C032 C050 C053

SEGMENTS USED IN (AS COMPONENT)

CLP CSC EB HI S3A S3S S4A S4S TXN

SEGMENTS USED IN (AS SIMPLE)

BPP CAT CN1 CSC EFI SVA

TRANSACTION SETS USED IN

105 132 176 186 187 197 202 240 252 255 267 268 269 270 271 275 278 280 806 815 832 834 835 837 838 840 841 842 843 850 855 860 865 897 993

800 - Compression Technique

Identifies the digital data compression means and the type TYPE=**AN** MIN=**1** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

EFI

TRANSACTION SETS USED IN

105 176 186 187 197 240 252 255 267 268 280 832 840 841 842 843 850 855 860 865 897

801 - Interchange Format

Industry or proprietary standard used to identify the format of the data TYPE=**AN** MIN=**1** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

EFI

TRANSACTION SETS USED IN

105 176 186 187 197 240 252 255 267 268 280 832 840 841 842 843 850 855 860 865 897

802 - Program Identifier

Identifies the name of the software program from which the technical data originates

TYPE=**AN** MIN=**1** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

EFI

TRANSACTION SETS USED IN

105 176 186 187 197 240 252 255 267 268 280 832 840 841 842 843 850 855 860 865 897

803 - File Name

Name assigned or declared for a file or used by a program to identify a file; exact format of the name depends on the computer operating system being used; name also may be known as the file's "data set name"

TYPE=**AN** MIN=**1** MAX=**64**

SEGMENTS USED IN (AS SIMPLE)

EFI

TRANSACTION SETS USED IN

105 176 186 187 197 240 252 255 267 268 280 832 840 841 842 843 850 855 860 865 897

804 - Block Type

Organization of a data block such as fixed length, variable length, spanned, etc. Synonym for "data format"

TYPE=**AN** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

EFI

TRANSACTION SETS USED IN

105 176 186 187 197 240 252 255 267 268 280 832 840 841 842 843 850 855 860 865 897

805 - Canadian Hazardous Notation

Notation required by Canadian regulatory agencies TYPE=**AN** MIN=**1** MAX=**25**

SEGMENTS USED IN (AS SIMPLE)

LH4

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 435 832 856 858 897 940

806 - EPA Waste Stream Number Code

Code specifying the waste stream number applicable to the movement of hazardous waste as determined by government regulations

TYPE=**ID** MIN=**4** MAX=**6**

Code Sources

115

SEGMENTS USED IN (AS SIMPLE)

LEP

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 435 856 858 940

807 - Waste Characteristics Code

Code indicating the waste characteristics as defined by regulatory requirements

TYPE=**ID** MIN=**12** MAX=**16**

Code Sources

115

SEGMENTS USED IN (AS SIMPLE)

LEP

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 435 856 858 940

808 - Hazardous Material Shipment Information Qualifier

Code indicating the type of information being passed so that a receiver may format a description of hazardous commodity movements that meets regulatory requirements

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
LFH LH4

TRANSACTION SETS USED IN
204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 435 832 856 858 897 940

CODE	DEFINITION & EXPLANATION
ADI	Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement by the Shipper
CAO	Cargo Airlift Only
CER	Hazardous Materials Certification *To specify the name of the person certifying that the shipment complies with the regulations*
D13	"DOT - 113, Do Not Hump or Cut Off Car While in Motion" Declaration
D20	"AAR - 204, Do Not Hump or Cut Off Car While in Motion" Declaration
DRC	Damaged Car Number
DWW	"Dangerous When Wet" Declaration
EMS	Emergency Schedule (EMS) Page Number
EQP	Conveyed Equipment Identification
FUM	Fumigation Declaration
HOT	Identifies Products in a Heated Molten State
HZC	Hazardous Substance Constituents
INH	Inhalation Hazard
LQI	Limited Quantity Index Value *The maximum quantity of dangerous goods that may be transported as a Limited Quantity Index Value as listed in Transport Canada's Transportation of Dangerous Goods (TDG)*
LQY	"Limited Quantity" Declaration
MFA	Medical First Aid Guide (MFAG) Page Number
MOS	Maximum Operating Speed
MPI	Marine Pollutant
NOD	Not Odorized Declaration
PIH	"Poison - Inhalation Hazard" Declaration
POI	"Poison" Declaration
RAM	Radioactive Material Data
TEC	Technical or Chemical Group Name
TNM	Trade Name
WST	Waste Declaration

809 - Hazardous Material Shipment Information

Specific information required by law for hazardous material shipments TYPE=**AN** MIN=**1** MAX=**25**

SEGMENTS USED IN (AS SIMPLE)

LFH

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 435 856 858 940

810 - Inner Pack

The number of eaches per inner container TYPE=**N0** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

FU4 FX7 G20 G21 G39 G45 G55 G70 G83 G89 ID1 ID3 PAL PO4 PO5 PO8

TRANSACTION SETS USED IN

219 220 284 304 325 527 754 810 812 830 832 840 843 850 852 855 856 857 860 861 862 863 865 867 875 876 878 879 880 888 889 890 893 894 895 896 897 940 944 945

811 - Obligation Type Code

Code indicating a type of financial obligation TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
OBI

TRANSACTION SETS USED IN
206

CODE	DEFINITION & EXPLANATION
AI	Auto Insurance
AL	Auto Loan
AY	Alimony
BL	Bank Loan
CC	Child Care
ED	Education
FC	Finance Company Loan
FD	Food
FR	Furniture
HR	Home Rental
ML	Mortgage Loan
OO	Miscellaneous
PI	Personal Insurance
RC	Revolving Credit
RX	Medical
SL	Second Lien
UT	Utilities
ZZ	Mutually Defined

812 - Payment Format Code

Code identifying the payment format to be used TYPE=**ID** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)
BPR

TRANSACTION SETS USED IN
103 521 813 820 823 835

CODE	DEFINITION & EXPLANATION
ACK	ACH Payment Acknowledgment
ADV	Automated Account Advice
ARC	Accounts Receivable Entry
ATX	Financial EDI Acknowledgment
BOC	BackOffice Conversion Entry
BPT	Bill Payment
CBC	Consumer/Employee Check
CBR	Corporate Cross-Border Payment
CCD	Corporate Credit or Debit (CCD) (ACH)
CCP	Corporate Credit or Debit plus Addenda (CCD+) (ACH)
CIE	Customer Initiated Entry
CIP	Customer Initiated Entry Plus Addenda
CTX	Corporate Trade Exchange (CTX) (ACH)
IAP	International ACH Payment with Addenda Type Code 17
IAT	International Automated Clearing House (ACH) Transaction
MTE	Machine Transfer Entry
PBC	Commercial/Corporate Check
PBR	Consumer Cross-Border Payment
POP	Point of Purchase Entry
POS	Point of Sale Entry
PPD	Prearranged Payment and Deposit (PPD+) (ACH)
PPP	Prearranged Payment and Deposit plus Addenda (PPD+) (ACH)
PRD	Preauthorized Draft
RCK	Re-presented Check Entry
SHR	Shared Network Transaction
TEL	Telephone-Initiated Entry
TRC	Truncated Entry
TRX	Truncated Entries Exchange
WBP	Internet-Initiated Entry plus Addenda
WEB	Internet-Initiated Entry
WEP	Internet Initiated Entry (WEB+)(ACH)
XCK	Destroyed Check Entry
ANSI	Fed Wire CTP or CHIPs remittance in an ANSI X12 Format

GXML Fed Wire CTP or CHIPS Remittance in a General XML Format
IXML Fed Wire CTP or CHIPS Remittance in an ISO XML Format
NARR Fed Wire CTP or CHIPS Remittance in a Free Form Format
PROP Fed Wire CTP or CHIPS Remittance in a Proprietary Local Instrument Format
RMTS Fed Wire CTP or CHIPS Remittance in a Related Remittance Structured Format
RRMT Fed Wire CTP or CHIPS Remittance in a Related Remittance Information Format
S820 Fed Wire CTP or CHIPS Remittance in a STP 820 Format
SWIF Fed Wire CTP or CHIPs Remittance is in a SWIFT Field 70 Format
UEDI Fed Wire CTP or CHIPS Remittance in an U.N. EDIFACT Format

813 - Station Type Code

Code identifying the type of geographic location TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
SMB

TRANSACTION SETS USED IN
431

CODE	DEFINITION & EXPLANATION
A	Abandoned by Carrier
H	Haulage Station *A carrier's railroad station that is physically located on another carrier with which the first carrier has a haulage agreement*
I	Interchange Point *A railroad station where two or more railroads connect*
J	Junction Settlement Station *A railroad station located on a carrier that does not participate in the interline settlement of freight charges*
L	International Location
M	Motor Freight Tariff Location
N	Not a National Rate Base (NRB) Point *A railroad station that has not been assigned to any NRB location station*
O	Railroad Operating Location
R	Railroad Freight Tariff Location
S	Sold by Carrier
T	Reader Equipped
W	Switch Carrier Station *A railroad station located on a terminal switching carrier*

814 - Nesting Code

Code indicating orientation of exposure

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

ID1 ID3

TRANSACTION SETS USED IN

896

CODE	DEFINITION & EXPLANATION
B	Bottom Unit Has Full Exposure
T	Top Unit Has Full Exposure

815 - Property Inspection Qualifier

Code indicating a part of the property being inspected TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
REC

TRANSACTION SETS USED IN
206 255 260 261 262 264

CODE	DEFINITION & EXPLANATION
DE	Debris
DR	Doors
EX	Exterior
GR	Ground Cover
HT	Hot Tub
IN	Interior
LO	Locks
NB	Neighborhood
PL	Pool
SH	Shrubs
SP	Spa
WI	Windows
ZZ	Mutually Defined

816 - Occupancy Verification Code

Code indicating the method used to verify the occupancy of the property TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

REC

TRANSACTION SETS USED IN

206 255 260 261 262 264

CODE	DEFINITION & EXPLANATION
DI	Direct
JU	Conversation with Juvenile
NB	Conversation with Neighbor
NM	Name on Mailbox
OM	Other Method of Verification
RE	Conversation with Relative
TE	Telephone
TN	Conversation with Tenant
VI	Visual
ZZ	Mutually Defined

817 - Tax Information Identification Number

Identifying number for Tax Information Field TYPE=**AN** MIN=**1** MAX=**30**

COMPOSITE DATA STRUCTURES USED IN
C037

SEGMENTS USED IN (AS COMPONENT)
TIA

SEGMENTS USED IN (AS SIMPLE)
PBI TXP

TRANSACTION SETS USED IN
149 151 245 813 820 823 826

818 - Name Control Identifier

Name control field for tax information consisting of the first four characters of a business name or of an individual's name, or the entire name, if fewer than four characters

TYPE=**AN** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

BTI TFS

TRANSACTION SETS USED IN

149 150 151 153 813 826

819 - Language Code

Code specifying the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

TYPE=**ID** MIN=**2** MAX=**3**

Code Sources

102

COMPOSITE DATA STRUCTURES USED IN

C068 C071 C079 C080

SEGMENTS USED IN (AS COMPONENT)

CHI CNP CTI DAY FPI FSH ING MAP NF2 NF3 NF5 NFD NFE PDH PO4 TRD TRP TRT TTI

SEGMENTS USED IN (AS SIMPLE)

BMS BOR COM DMA IND MTX PID PKG SAC TST

TRANSACTION SETS USED IN

100 101 105 111 113 124 130 132 133 135 138 140 142 143 146 148 150 154 155 179 180 185 186 187 189 191 194 196 197 215 219 220 244 251 252 255 266 267 268 271 273 274 275 283 284 285 304 309 358 359 418 500 503 527 536 561 620 625 650 754 805 806 810 811 812 814 818 819 820 823 830 832 836 838 840 841 842 843 844 845 846 847 848 849 850 851 852 855 856 857 860 861 862 863 864 865 866 867 869 870 878 879 880 888 890 892 894 897

820 - Report Section Name Code

Code identifying the name of the section of the report TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
MSS

TRANSACTION SETS USED IN
848

CODE	DEFINITION & EXPLANATION
AM	Analytical Methods
AP	Approvals
CA	Carcinogenicity
CI	Chemical Product and Company Information
CM	General Information
CO	Composition or Information on Ingredients
DI	Disposal Considerations
DM	Detection Methods
DS	Disclaimer
EI	Exposure Information, Effects of Overexposure, Exposure Limits
EN	Ecological Information
EO	Emergency Procedures
EP	Exposure Controls or Personal Protection
FA	First Aid Measures
FE	Fire Fighting Measures
HH	Hazards Identification
HI	Potential Health Effects
IA	Other Information
KY	Key or Legend *A section containing definitions of terms, abbreviations, acronyms, or symbols used in the report*
MI	Material or Product Identification
MS	Material Safety Data Sheet
PD	Physical and Chemical Properties
PM	Preventive Measures *A section in which specific measures are given for preventing foreseeable harms*
PR	Preparation and Revision Information
RE	Stability and Reactivity Information
RG	Regulatory Information
SH	Transport Information
SL	Accidental Release Measures
ST	Handling and Storage
TS	Trade Secret Exemptions
TX	Toxicological Information

821 - Safety Characteristic/Hazard Code

Code indicating precautionary measures, means of treatment and hazard information and warnings

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

MSS SD1

TRANSACTION SETS USED IN

271 272 848

CODE	DEFINITION & EXPLANATION
ACT	Acute Toxicity Data
AM2	Analytical Methods
AP2	Approvals
CAR	Carcinogenicity
CI2	Chemical Product and Company Information
CO2	Composition or Information on Ingredients
CON	Conditions to Avoid
CTD	Chronic Toxicity Data
DCL	Disclaimer
DEC	Decomposition, Decomposition Products
DEH	Hazardous Decomposition Products
DI2	Disposal Considerations
DIS	Distribution of Chemical in Environment
DM2	Detection Methods
EDD	Sensitive to Static Charge
EFA	Emergency and First Aid Procedures
EFB	Emergency Procedures
EFX	Effects of Overexposure
EIM	Explosion Impact Sensitive Material *Hazardous if exposed to the impact of a nearby explosion*
EN2	Ecological Information
ENA	Environmental - Acute Aquatic Effects *Hazardous to aquatic life if released into bodies of water or watercourses*
ENB	Environmental - Bioconcentration Material *Hazardous as it is accumulated along a biological food chain over time*
ENG	Engineering Controls *Mechanical or structural devices and techniques for preventing or mitigating a hazardous condition, e.g. ventilation device, static hood, splashguards*
ENO	Environmental - Oxygen Demand *Depletes oxygen from the ambient air, water, or soil environment*
ENS	Environmental - Summary *A subsection heading only, required by some government regulations*
EO2	Emergency Overview
EP2	Exposure Controls or Personal Protection

EPA Employee Protection
ESD Static Sensitive Material
EVP Environmental Protection
EXC Ecotoxicological Information
EXG Exposure Guidelines
EXI Exposure Information
EXL Exposure Limits, Occupational Exposure Limits
EYA Eye Contact: Acute Exposure
EYC Eye Contact: Chronic Exposure
EYF Eye Contact
EYZ Eye
FA2 First Aid Measures
FAA Extinguishing Media: All Fires
Safety measures applicable to all types of fires
FAL Extinguishing Media: Large Fires
FAS Extinguishing Media: Small Fires
FAT Environmental Fate (i.e., Oxidized, Photodegraded, etc.)
FAZ Extinguishing Media
FE2 Fire Fighting Measures
FEH Fire and Explosion Hazards
FEZ Fire and Explosion Data
FLC Flammability Conditions
Conditions under which the flammability hazards, precautions, or limits apply
FLP Flammable Properties
GCA General Controls
GMA General Measures
GPI General Safe Handling Procedures or Information
HAI Handling Information
HCA Hazardous Component or Ingredient
HCP Hazardous Product of Combustion
One or more different hazardous materials produced when the subject material burns
HH2 Hazards Identification
HHA Health Hazard Information
HI2 Potential Health Effects
HZC Hazard Class
HZR Hazard Rating System
A system for both classifying and measuring hazardous characteristics of materials
IA2 Other Information
IGA Ingestion: Acute Exposure
IGC Ingestion: Chronic Exposure
IGZ Ingestion
IHA Inhalation: Acute Exposure
IHC Inhalation: Chronic Exposure
IHZ Inhalation

INC Incompatibility
INS Instability
INX Incompatibility Conditions
The conditions under which the stated incompatibility holds true.
IRR Irritancy
KY2 Key or Legend
LAB Label Text
LKI Leak Avoidance, Remediation, or Hazards
MAT Material to Avoid
MCE Medical Conditions Aggravated by Exposure
MUT Mutagenicity
NOT Notification of Chemical Storage Amount, Spill or Release to the Environment
NTE Note to Physician: Eyes
NTR Note to Physician: Respiratory
NTS Note to Physician: Skin
NTZ Note to Physician
OPH Other Physical Hazards
OPR Other Precautions
ORC Other Regulatory Controls
PD2 Physical and Chemical Properties
PM2 Preventive Measures
POL Hazardous Polymerization
PPA Personal Protection: Additional Equipment
PPB Personal Protection: Boots
PPC Personal Protection: Clothing
PPD Personal Protection: Eye/Face
PPE Personal Protection: Eye
PPF Personal Protection: Face
PPG Personal Protection: Gloves
PPR Personal Protection: Respiratory
PPS Personal Protection: Skin
PPZ Personal Protection Equipment
PR2 Preparation and Revision Information
PRE Primary Route(s) of Entry: Eye Contact
PRF Primary Route(s) of Entry: Eye, Inhalation
PRG Primary Route(s) of Entry: Eye, Oral
PRH Primary Route(s) of Entry: Eye, Oral, Skin
PRI Primary Route(s) of Entry: Inhalation
PRJ Primary Route(s) of Entry: Inhalation, Oral
PRK Primary Route(s) of Entry: Inhalation, Oral, Skin
PRL Primary Route(s) of Entry: Inhalation, Skin
PRM Primary Route(s) of Entry: Inhalation, Eye, Oral
PRO Primary Route(s) of Entry: Oral

PRQ Primary Route(s) of Entry: Oral, Skin
PRS Primary Route(s) of Entry: Skin Contact
PRT Primary Route(s) of Entry: Eye and Skin Contact
PRU Primary Route(s) of Entry: Eye, Skin, Inhalation
PRZ Primary Route(s) of Entry
RE2 Stability and Reactivity Information
REA Reactivity
REC Reactivity Conditions
REP Reproduction
RG2 Regulatory Information
RLI Release Information
RTK Right to Know Statement of Hazard Code/Information
SAP Safety Precautions
SBY Stability
SCE Sub-chronic Effects
SGW Signal Word
Description of the hazards of the product
SH2 Transport Information
SHI Shipping Information, Transportation Requirements
SKA Skin Contact: Acute Exposure
SKC Skin Contact: Chronic Exposure
SKS Skin Sensitization
SKT Skin Contact
SKZ Skin
SL2 Accidental Release Measures
SNS Sensitization
SPF Special Fire Fighting Instructions
SPI Special Information
SPJ Spill Information
SPL Spill and Leak Information
SPP Special Precautions
ST2 Handling and Storage
STA Storage Conditions
SUB Subchronic
A health effect occurring as a result of a repeated exposure (usually daily) of experimental animals to a chemical for part (approximately 10%) of a life span
SYP Synergistic Products
SYS Systematic Effects
TER Teratogenicity
TOC Toxicity of Other Components
TOG Target Organ
TRH Transportation Hazard
TS2 Trade Secret Exemptions
TX2 Toxicological Information

VRZ Ventilation Requirements
WAR Warning
WDI Waste Disposal Information

822 - Source Subqualifier

A reference that indicates the table or text maintained by the Source Qualifier

TYPE=**AN** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

ACK CID ITA LM PCS PID PKD PRR PRT PSC RC RED REP SD1 SPA SPI SSS TMD TPB VAT

TRANSACTION SETS USED IN

100 101 105 111 112 113 124 135 139 140 141 142 143 148 154 155 175 176 179 180 185 187 194 195 196 197 215 219 220 244 251 252 262 266 267 268 271 272 273 274 275 283 285 286 288 500 501 503 504 511 517 527 536 561 567 568 620 625 650 754 805 806 810 811 812 814 818 819 820 821 824 830 832 836 838 840 841 842 843 844 845 846 847 848 849 850 851 855 856 857 859 860 861 863 865 866 867 869 870 878 885 888 897 940 945 947

824 - Security Originator Name

Unique designation (identity) of the cryptographic process that performs authentication or encryption on data to be interchanged, or originates a cryptographic service message. Note: X9 has a minimum length of 4 characters for the security originator; no mechanism, or registration method is provided by X9 or X12 to guarantee the uniqueness of the identifier.

TYPE=**AN** MIN=**1** MAX=**64**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

CSC CSM S3S S4S SPE

TRANSACTION SETS USED IN

815 993

825 - Security Recipient Name

Unique designation (identity) of the cryptographic process that performs authentication or decryption on received data, or is the destination of a cryptographic service message Note: X9 has a minimum length of 4 characters for the security recipient; no mechanism, or registration method is provided by X9 or X12 to guarantee the uniqueness of the identifier

TYPE=**AN** MIN=**1** MAX=**64**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

CSC CSM S3S S4S SPE

TRANSACTION SETS USED IN

815 993

826 - Owners Share

To indicate owner's share of the property

TYPE=**R** MIN=**1** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

PSA

TRANSACTION SETS USED IN

819 867

828 - Dollar Basis For Percent

Dollar basis to be used in the percent calculation of the allowance, charge or tax

TYPE=**R** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

G72 TXI

TRANSACTION SETS USED IN

112 124 140 142 148 154 187 215 263 283 810 811 812 820 823 832 850 851 855 857 860 865 875 876 878 880 881 882 894 895 945

829 - Fuel Type Code

Code identifying type of fuel

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

N12

TRANSACTION SETS USED IN

285 286 304 310 312

CODE	DEFINITION & EXPLANATION
A	Gasohol
B	Butane
C	Carbon Dioxide
D	Diesel
E	Auxiliary Electricity
F	Electric
G	Gas
H	Compressed Natural Gas
I	Liquid Natural Gas
J	Ethanol
K	Kerosene
L	Liquefied Gases
M	Methanol
N	Natural Gas
O	Other Unlisted Type of Fuel
P	Propane
Q	E-85 *A type of fuel containing 85% gasoline or diesel and 15% ethanol*
R	M-85 *A type of fuel containing 85% gasoline or diesel and 15% methanol*
S	Steam
T	A55 *A water-phased hydrocarbon fuel type*
Z	Mutually Defined

831 - Inspection Location Type Code

Code identifying the location where a type of inspection is performed TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
BIX F07

TRANSACTION SETS USED IN
924 928

CODE	DEFINITION & EXPLANATION
1	Origin Rail
2	Inbound Interchange
3	Railroad Interchange
4	Destination Ramp
5	Dealer
6	Factory Gate
7	Origin Cursory-Rail
8	Destination Cursory-Rail
9	Outbound Compound
90	Delivery with Notification
96	Intermediate Delivery
97	Outbound Intermediate Location
98	Delivery Receipts
99	Delivery Letter of Notification

832 - Ramp Identification

A mutually agreed upon ramp identity TYPE=**AN** MIN=**1** MAX=**9**

Code Sources

79

SEGMENTS USED IN (AS SIMPLE)

BIX

TRANSACTION SETS USED IN

928

833 - Automotive Manufacturers Code

Code specifying the ARR code used for identifying vehicle manufacturer TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

40

SEGMENTS USED IN (AS SIMPLE)

F6X VC

TRANSACTION SETS USED IN

120 121 125 127 309 326 355 404 410 417 426 456 858 859 924 928

834 - Inspector Identity Code

A code assigned by each inspection agency to each inspector TYPE=**AN** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

BIX

TRANSACTION SETS USED IN

928

835 - Supplemental Inspection Code

Code indicating a supplemental inspection TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
VC

TRANSACTION SETS USED IN
120 121 125 127 309 326 355 404 410 417 426 456 858 859 928

CODE	DEFINITION & EXPLANATION
Y	Yes

836 - Vehicle Deck Position Code

Code identifying the specific position of a vehicle on multi-level equipment; when dealing with rail cars the front end will be defined as that end of the rail car which the vehicle faces

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

VC

TRANSACTION SETS USED IN

120 121 125 127 309 326 355 404 410 417 426 456 858 859 928

CODE	DEFINITION & EXPLANATION
A1	Bottom level first position from front end.
A2	Bottom level second position from front end.
A3	Bottom level third position from front end.
A4	Bottom level fourth position from front end
A5	Bottom level fifth position from front end.
A6	Bottom level sixth position from front end.
A7	Bottom level seventh position from front end
A8	Bottom level eighth position from front end
A9	Bottom level ninth position from front end
AX	Bottom level twelfth position from front end
AY	Bottom level eleventh position from front end
AZ	Bottom level tenth position from front end
B1	Second level first position from front end.
B2	Second level second position from front end.
B3	Second level third position from front end.
B4	Second level fourth position from front end.
B5	Second level fifth position from front end.
B6	Second level sixth position from front end.
B7	Second level seventh position from front end.
B8	Second level eighth position from front end
B9	Second level ninth position from front end
BX	Second level twelfth position from front end
BY	Second level eleventh position from front end
BZ	Second level tenth position from front end
C1	Third level first position from front end.
C2	Third level second position from front end.
C3	Third level third position from front end.
C4	Third level fourth position from front end.
C5	Third level fifth position from front end.
C6	Third level sixth position from front end.
C7	Third level seventh position from front end.
C8	Third level eighth position from front end

C9 Third level ninth position from front end
CX Third level twelfth position from front end
CY Third level eleventh position from front end
CZ Third level tenth position from front end

837 - Vehicle Type Code

Code specifying the Vehicle Type Code for freight rate and claims purposes

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

RT1 VC

TRANSACTION SETS USED IN

120 121 125 127 129 309 326 355 404 410 417 426 456 858 859 928

CODE	DEFINITION & EXPLANATION
1	Automobile
2	Truck
3	Others
4	Used Vehicles
5	Military
C	Passenger Car
I	Small Passenger Car
M	Multipurpose Vehicle
T	Light Truck
V	Large Van
X	Extended Minivan

838 - Dealer Code

A code assigned by a manufacturer to identify their dealers TYPE=**AN** MIN=**2** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

F6X RT VAD VC

TRANSACTION SETS USED IN

120 121 125 126 127 129 309 326 355 404 410 417 426 456 858 859 924 928

839 - Bay Location

Location where the releasing agent placed the motor vehicle

TYPE=**AN** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

VC

TRANSACTION SETS USED IN

120 121 125 127 309 326 355 404 410 417 426 456 858 859 928

844 - Inbound Condition Hold Code

Code specifying condition status of units being shipped TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

W04

TRANSACTION SETS USED IN

943

CODE	DEFINITION & EXPLANATION
01	QC Hold
02	Hold for further information
03	Committed hold

845 - Chassis Type Code

Code identifying type of chassis

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

IC NA

TRANSACTION SETS USED IN

228 311 322 324 404 410 417 421 426 451 456 858 859

CODE	DEFINITION & EXPLANATION
8P	Eight Pin Combo
DF	Drop Frame
FB	Flush Back
GN	Gooseneck
SF	Straight Frame
SL	Slider
TX	Tri-axle

846 - Contract Status Code

Code specifying the current status of the contract TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
BCO CON PSC

TRANSACTION SETS USED IN
132 140 142 268 536 836 844 845 849

CODE	DEFINITION & EXPLANATION
AC	Address Change
AN	Annuitized
AW	Awaiting Initial Premium
CA	Contract Award
CB	Cancelled by IRS
CC	Contract Cancelled
CL	Closed contract - all quantities taken
CM	Contract Modified
CR	Contract Renewed
CX	Contract Cancelled - Refund Due
DA	Disabled
DE	Death
DL	Deleted Contract
EX	Expired Contract
FL	Free Look Period
GS	General Suspension
HO	Hold
IA	Inactive
IE	Internal Exchange
IN	Invalid Contract Due To Terms
MA	Matured
NB	Contract Provider No Longer in Business
NT	Not Taken
OC	Original Contract
PA	Paid Up
PB	Pending
PC	Pending Death Notification
PD	Pending Exchange Transfer
PP	Prepaid Service Authorization *Used for product recall and service bulletin*
PR	Proposed Contract
RA	Reissue
RB	Rescinded

RC Restricted
RO Reopened Contract
SC Standard Contract
SU Surrendered
TA Terminated
TR Contract Transferred
VA Valid Open Contract

847 - Order/Item Code

Code identifying a group of orders and items TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
BSI BSR

TRANSACTION SETS USED IN
869 870

CODE	DEFINITION & EXPLANATION
AO	All orders - items with changed status
CA	All Orders - All Items
CI	All Orders - Shipped Items
CO	All Orders - Unshipped Items
PA	Selected Orders - All Items
PI	Selected Orders - Shipped Orders
PO	Selected Orders - Unshipped Items
PP	Selected Orders - Selected Items

848 - Product/Date Code

Code indicating whether the inquiry is based on products and/or date parameters

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BSI BSR

TRANSACTION SETS USED IN

869 870

CODE	DEFINITION & EXPLANATION
PD	Selected Products and Selected Date Parameters
SD	Selected Date Parameters
SP	Selected Products

849 - Location Code

Code indicating the selection of a supplier's and/or buyer's locations or group of locations

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BSI BSR

TRANSACTION SETS USED IN

869 870

CODE	DEFINITION & EXPLANATION
SB	Selected Supplier Location(s)
SL	Selected Buyer Location(s)
SS	Selected Supplier and Buyer Locations

850 - Status Report Code

Code indicating the reason for sending the report TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BSR

TRANSACTION SETS USED IN

870

CODE	DEFINITION & EXPLANATION
1	Response to an Order Status Inquiry (869)
2	Prearranged Schedule or Agreement
3	Unsolicited Report
4	Response to Requisition *Current status data is provided based upon the processing of an outstanding requisition*
5	Notice of Response to Direct Vendor Delivery *Current status data is provided based upon the processing of a requirement for which material is being delivered directly from the vendor*
6	Notice of Response to Supply Assistance *Current status data is provided in response to a user's request for special assistance in obtaining urgently needed material*
7	Response to Material Returns *Current status data is provided based upon the processing of a material returns program transaction*
8	Response to Notice of Availability *Current status data is provided based upon the processing of a notice of availability transaction*
9	Response to a Requirement Forecast
10	Revised Delivery Forecast - StockNumber
11	Revised Delivery Forecast - Transaction Number
12	Revised Delivery Forecast - Response

851 - Nesting

The amount of distance that one product fits into (or nests within) another product

TYPE=**R** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

ID1 ID3

TRANSACTION SETS USED IN

896

852 - Address Type Code

Code identifying the type of address associated with the station TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

SMA

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
A	Administrative (Place to Mail Administrative Correspondence)
C	Customs (Place to Mail Customs Documents)
M	Mail Waybill (Place to Mail Revenue Waybills)
T	Trace Waybill (Place to Mail Revenue Waybill Trace Request)

853 - Damage Reason Code

Code identifying the specific reason for exception condition TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

Q8 W13

TRANSACTION SETS USED IN

854 944

CODE	DEFINITION & EXPLANATION
BD	Bulkhead Doors Not Secured
CC	Case Crushing (Exterior/Secondary Packaging)
CD	Case Design
DL	Damage Loading
DP	Defective Pallets of Slip Sheets
FL	Flaps Loose
HD	Hidden Damage (Suspected or Actual)
ID	Improper Doorway Protection
IL	Improper Loading
IU	Improper Unloading
LD	Lack of Cardboard Dividers/Dunnage
LS	Load Shift
NO	Nails or Other Hardware
NR	Not Reported
PP	Pallet Pattern
PS	Punctured Bailers/Cases
SF	Side Fillers Not Extended
TE	Temperature Exposure
UE	Unsuitable Equipment
VI	Vehicle Impact
WC	Wet or Stained (Shipping Containers or Secondary Packaging)

854 - Vessel Type Code

Code identifying type of vessel

TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)

V1

TRANSACTION SETS USED IN

121 126 272 300 301 304 310 311 312 322 323 324 325 326 353 362 715 810 856

CODE	DEFINITION & EXPLANATION
BC	Barge Carrying Vessels (Lash & Seabee)
BD	Bulk-Dry
BI	Barge-Inland
BK	Bulk-Undetermined
BL	Bulk-Liquid
BO	Barge-Oceangoing
CB	Conbulk
CT	Container
DG	Dredge
DP	Display Vessels
FH	Fishing
GC	General Cargo
GT	Government-Non-Military
MT	Military
PC	Partial Container
PS	Passenger
RR	Roll on/Roll off
SP	Supply Ship
TG	Tug
VH	Vehicle Carrier

855 - Peg Code

Code indicating how the vertical or height distance is measured for peg hole items

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

ID1 PO5

TRANSACTION SETS USED IN

896 897

CODE	DEFINITION & EXPLANATION
B	Measurement Taken From Bottom
T	Measurement Taken From Top

856 - Rate Level Qualifier Code

Code identifying the type of rate level used

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

RA RS

TRANSACTION SETS USED IN

460 485

CODE	DEFINITION & EXPLANATION
B	Base
E	Expired
I	Intermediate
Z	Mutually defined

857 - Pre-Price Quantity Designator

Number of units for which retail value is quoted TYPE=**N6** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

G68

TRANSACTION SETS USED IN

875 876

858 - Retail Pre-Price

Retail value to be placed/printed for an item appearing on the transmitted purchase order

TYPE=**R** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

G68

TRANSACTION SETS USED IN

875 876

859 - Activity Code

Code identifying activity details for the product being reported TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
RCR ZA

TRANSACTION SETS USED IN
852 893

CODE	DEFINITION & EXPLANATION
AA	Quantity Stolen
AB	Quantity Shipped
BS	Bailment Sales Quantity
BT	Transportation Sales Quantity
DG	Quantity Damaged *Total product listed as damaged goods*
HL	Quantity on Hold
LS	Lost Sales
MS	Military Sales Quantity *Total sales of product sales to the U.S. Military*
OF	Off Premise Quantity *Total sales of product to restaurants*
OH	Gross Quantity On Hand
OP	On Premise Sales Quantity *Total sales of product to stores*
OQ	Planned Order Quantity
PA	Production Quantity Adjustment
PO	Calculated Reorder Point
Q1	Quantity Sold (Net)
Q2	Quantity Returned
Q3	Quantity Returned (Defective/Damaged)
Q4	Quantity Ordered
QA	Current Inventory Quantity Available for Shipment or Sale *Indicates the quantity currently available to be sold or shipped*
QB	Beginning Balance Quantity *Opening inventory quantity for the current inventory reporting period*
QC	Quantity Committed *Quantity reserved for orders not shipped*
QD	Additional Demand Quantity
QE	Ending Balance Quantity *Closing inventory quantity for the current inventory reporting period*
QF	Quantity In-bond
QH	Quantity Damaged or On Hold *Quantity of inventory received which cannot be shipped in its present form*

QI Quantity in Transit
Quantity of stock replenishment shipped but not received

QK Quantity Not Listed
Total product not listed as saleable

QL Minimum Inventory Quantity
The minimum inventory quantity for replenishment purposes

QM Maximum Inventory Quantity
The maximum inventory quantity for replenishment purposes

QN Planned Inventory Quantity
To define the planned inventory quantity for replenishment purposes

QO Quantity Out of Stock

QP Quantity On Order, Not Yet Received
Total quantity expected to be received from supplier for current reporting period, but not yet received

QR Quantity Received

QS Quantity Sold

QT Adjustment to Inventory Quantity

QU Quantity Returned By Consumer

QW Quantity Withdrawn from Warehouse Inventory
Total quantity withdrawn from the warehouse for sales purposes, purposes of unsaleability, or as a result of an intracompany warehouse transfer, promotions, etc.

QX Quantity Requested (Will Override Replenishment Planning)

QZ Quantity Transferred

RE Retail Sales Quantity
Total sales of product to retailers

RQ Quantity Returned (Sellable/Resellable)

TS Total Sales Quantity
Total sales of product

WQ Wholesale Sales Quantity
Total sales of product to other wholesalers

860 - D-U-N-S Number Code

Code specifying number assigned by Dun & Bradstreet (Data Universal Numbering System)

TYPE=**ID** MIN=**9** MAX=**9**

Code Sources

16

SEGMENTS USED IN (AS SIMPLE)

G82

TRANSACTION SETS USED IN

894

861 - Supplier's Delivery/Return Number

Identifying number assigned by the supplier to the transaction TYPE=**AN** MIN=**1** MAX=**22**

SEGMENTS USED IN (AS SIMPLE)

G82 G87

TRANSACTION SETS USED IN

894 895

862 - Receiver's Location Number

Number assigned by the customer to uniquely identify the receiving location

TYPE=**AN** MIN=**1** MAX=**13**

SEGMENTS USED IN (AS SIMPLE)

G82 G88

TRANSACTION SETS USED IN

894 895

863 - X-Peg

Horizontal distance from the edge to the center of the peg hole (measured from the left)

TYPE=**R** MIN=**1** MAX=**6**

COMPOSITE DATA STRUCTURES USED IN

C036

SEGMENTS USED IN (AS COMPONENT)

INX

SEGMENTS USED IN (AS SIMPLE)

ID1 PO5

TRANSACTION SETS USED IN

194 896 897

864 - Y-Peg

The vertical distance from the edge to the center of the peg hole as specified by the peg code

TYPE=**R** MIN=**1** MAX=**6**

COMPOSITE DATA STRUCTURES USED IN

C036

SEGMENTS USED IN (AS COMPONENT)

INX

SEGMENTS USED IN (AS SIMPLE)

ID1 PO5

TRANSACTION SETS USED IN

194 896 897

865 - Total Deposit Dollar Amount

Sum of deposit amounts separately identified TYPE=**N2** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

G84

TRANSACTION SETS USED IN

894 895

866 - Integrity Check Value

Data element providing secure method for identifying authenticity of content. Value calculated by using CRC 16 algorithm

TYPE=**AN** MIN=**1** MAX=**12**

SEGMENTS USED IN (AS SIMPLE)

G85 G87

TRANSACTION SETS USED IN

894 895

867 - Signature

Electronic identity. Calculation algorithm obtained from the Uniform Code Council

TYPE=**AN** MIN=**1** MAX=**12**

SEGMENTS USED IN (AS SIMPLE)

G86

TRANSACTION SETS USED IN

113 179 197 268 894 895

868 - Initiator Code

Code identifying initiator of the transaction TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
G87

TRANSACTION SETS USED IN
895

CODE	DEFINITION & EXPLANATION
R	Receiver
S	Supplier

869 - Adjustment Sequence Number

Sequential number for adjustment beginning with 1 and incremented by 1 for each additional adjustment regardless of which party is the originator

TYPE=**N0** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

G87

TRANSACTION SETS USED IN

895

870 - Receiver Delivery/Return Number

Identifying number assigned by the customer to the transaction TYPE=**AN** MIN=**1** MAX=**22**

SEGMENTS USED IN (AS SIMPLE)

G87

TRANSACTION SETS USED IN

895

871 - Supplier's Location Number

Number assigned by supplier to uniquely identify the supplier's location

TYPE=**AN** MIN=**1** MAX=**13**

SEGMENTS USED IN (AS SIMPLE)

G82

TRANSACTION SETS USED IN

894

872 - Physical Delivery or Return Date

Actual or intended date of physical delivery or return expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

TYPE=**DT** MIN=**8** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

G82 **G88**

TRANSACTION SETS USED IN

894 **895**

873 - Product Ownership Transfer Date

Date which is meaningful for both supplier and distributor for various mutually defined purposes (i.e., date of product ownership transfer) expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

TYPE=**DT** MIN=**8** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

G82 G88

TRANSACTION SETS USED IN

894 895

874 - Space Management Reference Code

Code identifying the name of the space management system that the symbol code represents

TYPE=ID MIN=2 MAX=2

Code Sources

96

SEGMENTS USED IN (AS SIMPLE)

ID2

TRANSACTION SETS USED IN

896

875 - Maintenance Type Code

Code identifying the specific type of item maintenance TYPE=ID MIN=3 MAX=3

SEGMENTS USED IN (AS SIMPLE)

API ASI CDA CFI CRI FAA FSA FX5 G53 HD INS LC PEN RP

TRANSACTION SETS USED IN

111 148 155 158 185 198 201 252 255 261 262 266 267 268 270 271 274 278 540 814 816 820 823 832 833 834 840 845 846 860 865 885 888 890 897

CODE	DEFINITION & EXPLANATION
001	Change
002	Delete
003	Add Full Item Detail
004	Withdraw Item (Temporary)
005	Restore Item
006	Membership Type
007	Purchase Eligibility
008	Verified
009	Not Verified
010	Periodic Report
011	All Items Refresh
012	Medical Noncompliance
013	Administrative Noncompliance
014	Suspended Pending Settlement Approval
015	Suspended Pending Appeal or Judicial Review
016	Injury Report Creation
017	Illness Report Creation
018	Transfer of Beneficial Rights
019	Record Security Instrument
020	Assignment
021	Addition
022	Change in Status
023	Change in Rate Factors
024	Cancellation or Termination
025	Reinstatement *To place in force again, without the usual probationary or service period, a group contract or an individual's group insurance that for some reason has terminated*
026	Correction
028	Policy Adjustment
029	Inquiry
030	Audit or Compare
031	Medical Examination Authorization

032 Employee Information Not Applicable
Certain situations such as military duty and TRICARE classify the subscriber ineligible for coverage or benefits. However, dependents of the subscriber are still eligible for coverage or benefits under the subscriber. Subscriber identifying elements are needed to accurately identify dependents

033 Release of Interim Funding Interest

050 Original

051 Denial

052 Initial Payment

053 Change in Benefit Amount

054 Change in Benefit Type

055 Reinstatement of Benefit

056 Reduced Earnings

057 Final

059 Suspension Medically Determined or Qualified to Return to Work

060 Non-compliance of Medical Requirements

061 Non-compliance of Administrative Requirements

062 Compensable Death

063 Incarceration

064 Claimant's Whereabouts Unknown

065 Volunteer

066 Status Request
A status request asks for current claim information for the purposes of compliance, audit, or other claim assessment function

067 Benefits Exhausted

068 Jurisdictional Change

069 Payment Notification

070 Status Request Response
A status request response provides current claim information for the purpose of compliance, audit, or other claim assessment function

071 Re-issue Identification Card(s)

072 Suspension Due to Claimant Death

073 Partial Denial

074 Partial Suspension, Returned to Work, or Medically Determined or Qualified to Return to Work

075 Partial Suspension, Medical Non-compliance

076 Partial Suspension, Administrative Non-compliance

077 Partial Suspension, Claimant Death

078 Partial Suspension, Incarceration

079 Partial Suspension, Claimant's whereabouts Unknown

080 Partial Suspension, Benefits Exhausted

081 Partial Suspension, Jurisdiction Change

082 Partially Suspended, Benefits Pending Settlement Approval

083 Partially Suspended, Pending Appeal or Judicial Review

084 Lump Sum Benefit Payment

085 Suspension Denial
100 Sale of Mortgage Change
101 Servicer Change
102 Mortgagor Change
104 Prepayment Termination
105 Non-conveyance Termination
106 Voluntary Action Termination
107 Loan Refinanced Termination
108 Transfer Due to Interest and Servicing Sold
109 Retain Servicing
110 Transfer Servicing
111 Assign Servicing
112 Servicer Loan Number Change
113 Merger
114 Acquisition
115 Receivership
116 Loan Maturity Maintenance
117 Binder
118 New Policy
119 Renewal Policy
123 Canceled by Administrator
124 Canceled by Insured
125 Re-Write
126 Non-renewal
127 Termination of All Endorsements
128 Termination of Lessor Interest
129 Termination of Additional Insured Interest
130 Termination of Lienholder or Loss Payee
131 Addition of Lessor Endorsement
132 Addition of Lienholder Endorsement
133 Addition of Additional Insured Endorsement
134 Change of Lessor Endorsement
135 Change of Lienholder Endorsement
136 Change of Additional Insured Endorsement
137 Acquired Unallocated
138 Acquired Payment
139 Investigation Pending
140 Concurrent Benefit
141 Abbreviated First Report on an Acquired Claim
142 Employer Paid
143 Employer Reinstatement
144 Suspension Directed by Agency
145 Occupational Safety and Health Administration Injury and Illness Log (OSHA-300)

146 Occupational Injury Survey
147 Bureau of Labor and Statistics Survey
148 First Payment on an Acquired Claim
149 First Report on an Acquired Claim
150 Impairment Report
151 Return to Work Report
152 Office of Workers Compensation Program Injury Claim Report (OWCP CA-1)
153 Office of Workers Compensation Program Illness Claim Report (OWCP CA-2)
154 Occupational Safety and Health Administration Injury and Illness Record (OSHA-301)
155 First Aid Injury Only
156 Endorsement Validation
200 Maintenance
201 Repair
202 Insurance
203 Warranty
204 Acquisition with Extended Reporting Requirement
CEP Change Excluding Price
PRI Price Change Only
TBV To Be Verified
ZZZ Mutually Defined

876 - Alternate Tiers per Pallet

Number indicating the alternate tiers per pallet structure; the three digits represent the number of tiers per pallet

TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

G39

TRANSACTION SETS USED IN

832 888 893

877 - Vessel Stowage Location

Location of cargo stowed on board an ocean vessel TYPE=**AN** MIN=**1** MAX=**12**

SEGMENTS USED IN (AS SIMPLE)

V4 VC

TRANSACTION SETS USED IN

120 121 125 127 309 310 322 324 326 355 404 410 417 426 456 858 859 928

878 - Cash Register Item Description

The cash register description of an item TYPE=**AN** MIN=**1** MAX=**20**

SEGMENTS USED IN (AS SIMPLE)

G39 G55 G83 ID2

TRANSACTION SETS USED IN

832 888 893 894 896

879 - Coupon Family Code

A code assigned by the vendor to a single item or to families of consumer items that can be used by in-store scanners in conjunction with a UPC coupon value code for instant credit when the proper item has been purchased

TYPE=**AN** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

G55

TRANSACTION SETS USED IN

832 888

880 - Dated Product Number of Days

Used to designate the number of days open dated product must 'sell by' from date of manufacture

TYPE=**N0** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

G55

TRANSACTION SETS USED IN

832 888

881 - Deposit Value

To designate the value for returnable containers

TYPE=**R** MIN=**1** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

G55

TRANSACTION SETS USED IN

832 888

883 - Pallet Type Code

Code indicating the type of pallet TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
PAL

TRANSACTION SETS USED IN
304 754 832 850 852 856 857 860 888 897 940 944 945

CODE	DEFINITION & EXPLANATION
0	Hard Wood
1	Aluminum
2	As Specified by the Department of Transportation (DOT)
3	Metal
4	Standard
5	Steel
6	Wood
7	Slip sheet *Typically cardboard or plastic sheets used to hold product for storage or transportation*
8	Soft Wood
9	Blue Plastic
10	Red Plastic
11	Euro Pallet
12	Heat Treated
13	Fiberboard
14	White Wood
15	4-Way Pallet
16	Leased Wood Pallet
17	Half Pallet
18	Leased Plastic Pallet
42	Dolly *A portable, horizontal, rigid platform on wheels or rollers, used as a base for assembling, storing, stacking, handling and transporting goods as a unit, suitable for manually positioning*
47	Intermediate Bulk Container (IBC) Pallet *A Rigid Intermediate Bulk Container (RIBC) that is attached to a pallet or has the pallet integrated into the RIBC. The container is used for the transport and storage of fluids and other bulk materials. The construction of the IBC container and the materials used are chosen depending on the application. There are various types available in the market place: Foldable (collapsible) IBC Container, Plastic composite IBC Container, Wire Cage IBC Container, Steel IBC Container, and Stainless steel IBC Container*
49	Skid *A group of parallel wooden runners attached to the undersides of boxes, crates, and machines to allow entry of platform trucks or fork lift tines*
50	Stringer Pallet *A pallet constructed with boards (stringers) on edge to which the top deck and bottom deck*

boards are attached. The stringers may be notched to facilitate four way entries and lifting by a fork lift or other pallet jacking device

52 Block Pallet
A pallet constructed with blocks at the corners and middle to which three stringers boards are attached with top deck boards attached perpendicular to the stringers. Block pallets can have a variety of bottom deck configurations: no bottom boards, boards parallel to the top deck boards or a full parameter base similar to a picture frame

53 Horizontal Drum Pallet
A rigid platform with integrated restraints to prevent horizontally orientated cylindrical containers from slipping. Horizontal Drum Pallets are used for assembling, storing, stacking, handling and transporting cylindrical containers, e.g. drums, barrels, or kegs, as a unit load, suitable for lifting by a forklift, pallet jack, or other jacking device

54 Vertical Drum Pallet
A rigid platform with integrated restraints to prevent vertically orientated cylindrical containers from slipping. Vertical Drum Pallets are used for assembling, storing, stacking, handling and transporting cylindrical containers, e.g. drums, barrels, or kegs, as a unit load, suitable for lifting by a forklift, pallet jack, or other jacking device

884 - Pallet Tiers

The number of layers per pallet

TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

PAL

TRANSACTION SETS USED IN

304 754 832 850 852 856 857 860 888 897 940 944 945

885 - Pallet Blocks

The number of pieces (cartons) per layer on the pallet TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

PAL

TRANSACTION SETS USED IN

304 754 832 850 852 856 857 860 888 897 940 944 945

886 - Nonconformance Report Status Code

Code identifying the status of the nonconformance report TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BNR

TRANSACTION SETS USED IN

842

CODE	DEFINITION & EXPLANATION
CL	Closed
FI	Final
OC	Open, Waiting for Cause and Corrective Action Report
OD	Open, Waiting for Authorization for Material Disposition
OI	Open, Waiting for Cause and Corrective Action Implementation
OS	Open, Waiting for Supplier Feedback
OT	Open, Waiting for Additional Test Data
RE	Reopened
RV	Revised

887 - Nonconformance Resultant Response Code

Code identifying a response that is the result of a nonconformance situation

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

NCA

TRANSACTION SETS USED IN

842

CODE	DEFINITION & EXPLANATION
P	Prepare Claim
CA	Conditional Use, As Is
FR	Follow-up Report Request
HE	Hold Exhibit
IN	Investigate Deficiency
RE	Reevaluate
RJ	Reject
RP	Repair
RQ	Request for Disposition
RS	Response Requirements Follow
RT	Return
RW	Rework
SC	Scrap
UA	Use As Is
UC	Other Action

888 - Nonconformance Determination Code

Code indicating whether a nonconforming condition was the reason for submitting or the basis upon which a nonconformance report is initiated

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

NCD

TRANSACTION SETS USED IN

842

CODE	DEFINITION & EXPLANATION
1	Order *Nonconformance resulted from deviation from order specifications or requirements*
2	Shipment *Nonconformance resulted from deviation from shipment specifications or requirements*
3	Billing *Nonconformance resulted from deviation from billing specifications or requirements*
4	Receipt *Nonconformance resulted from deviation from receipt specifications or requirements*
5	Discrepant *Nonconformance resulted from deviation from acceptable specifications or requirements*
N	Was Not a Reason for the Nonconformance Report
Y	Was a Reason for the Nonconformance Report

889 - Follow-up Action Code

Code identifying follow-up actions allowed TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
AAA PCS

TRANSACTION SETS USED IN
141 147 200 269 271 274 278 359 832 849

CODE	DEFINITION & EXPLANATION
C	Please Correct and Resubmit
D	Resubmit Entire Claim *The entire claim has to be resubmitted*
E	Resubmit This Item Only *Only a specific item or portion of an item on a claim has to be resubmitted*
N	Resubmission Not Allowed
P	Please Resubmit Original Transaction
R	Resubmission Allowed
S	Do Not Resubmit; Inquiry Initiated to a Third Party
W	Please Wait 30 Days and Resubmit
X	Please Wait 10 Days and Resubmit
Y	Do Not Resubmit; We Will Hold Your Request and Respond Again Shortly

890 - Carrier/Route Change Reason Code

Code specifying the reason a requested carrier or route was changed TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
W27

TRANSACTION SETS USED IN
943 945

CODE	DEFINITION & EXPLANATION
01	Declined Shipment
02	Unacceptable Equipment
03	Missed Appointment
04	No Pallets
05	Depositor Request
06	Continuous Movement
07	Shipping Location Change
08	Spotted Trailer
09	Rail Car Not Available
10	Load Consolidation
11	Invalid SCAC
12	Missing SCAC
13	Not Picked Up
14	Private Fleet
15	Inadequate Lead Time
ZZ	Mutually Defined

891 - Shipping Date Change Reason Code

Code indicating to a depositor why shipment of an order was delayed TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
W06

TRANSACTION SETS USED IN
943 945

CODE	DEFINITION & EXPLANATION
01	Inadequate Lead Time
02	Carrier Late
03	Weather
04	Customer or Buyer Request
05	Truck Load Appointment Problem
06	Pool Schedule Appointment Problem
07	Strike or Other Stoppage
08	Held for Product
09	Shipping Location Closed
10	Depositor Consolidation Problem
11	Arrival Date
12	Shipping Location Workload
13	Shipping Location Handling
14	Depositor Handling
15	Booking Location Request
16	Unacceptable Equipment
17	Carrier Mode Change
18	Incorrect Transit Time
19	Carrier Request
ZZ	Mutually Defined

892 - Line Item Change Reason Code

Code specifying reason for any difference between quantity ordered and quantity shipped for a line item

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

W12

TRANSACTION SETS USED IN

945

CODE	DEFINITION & EXPLANATION
01	Out of Stock
02	Equipment Cut
03	Booking Location Request
04	On Hold
05	Order Discrepancy
06	Receiving Location Request
07	Inventory Discrepancy
08	Material Shortage
09	Substitution
10	Diverted Item
11	Loading Error *Warehouse, central customer pickup, or common carrier loaded wrong product*
12	Inbound Carrier Failure *Carrier failed to deliver consignment product on time (and damage free) when shipped from the origin location with sufficient lead time*
13	Product Allocation Exceeded *Order requested more product than was allocated for production or shipment or order requested shipment before or after availability period*
14	Improperly Sized Order *Order requested more product than vehicle could accommodate based on weight, cube, or pallet considerations*
15	Wrong Equipment *Improperly sized equipment, wrong configuration, lacking required temperature controls, etc.*
16	Insufficient Equipment Space *Insufficient space on customer or common carrier equipment due to other previously loaded product*
17	Discontinued Item
20	Late Stock Transfer
21	Inadequate Lead Time
22	Stock Transfer Not Set Up
23	Item Not Stocked at Shipping Location
24	Product Withdrawn
25	Addition Requested by Customer
26	Bacteria Clearance

27 Customer Age Guidelines Not Met
ZZ Mutually Defined

893 - Warehouse Detail Adjustment Identifier Code

Code identifying detail line item as an adjustment to inventory levels TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)
W07 W12

TRANSACTION SETS USED IN
944 945

CODE	DEFINITION & EXPLANATION
1	Adjustment Having Normal Effect on Inventory for Type of Transaction Set in which Code is Used
2	Adjustment Having Reversal Effect on Inventory for Type of Transaction Set in Which Code is Used

894 - Batch Type Code

Code indicating batch status to customer of lockbox facilities TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BAT

TRANSACTION SETS USED IN

823

CODE	DEFINITION & EXPLANATION
01	Regular
02	Modified
03	Errors
04	Late
05	Returns
06	Advance or Deposit
07	Collection Status
09	Cashless
10	Resubmission
11	Miscellaneous Debit
12	Miscellaneous Credit
13	Insufficient Information

895 - Availability

Funds availability expressed in days

TYPE=**R** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

AVA

TRANSACTION SETS USED IN

821 823

897 - Vessel Code Qualifier

Code specifying vessel code source

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

BA2 M10 Q2 V1 V5 X01

TRANSACTION SETS USED IN

109 121 126 272 300 301 304 309 310 311 312 315 319 322 323 324 325 326 350 352 353 354 355 356 357 358 362 601 715 810 856 858

CODE	DEFINITION & EXPLANATION
B	U.S. Bureau of Census SEE CODE SOURCE 24
C	Ship's Radio Call Signal SEE CODE SOURCE 24
L	Lloyd's Register of Shipping SEE CODE SOURCE 24
Z	Mutually Defined

899 - Unload Terminal Elevator Code

Code specifying the unloading terminal elevator at grain exporting terminals

TYPE=**ID** MIN=**3** MAX=**4**

Code Sources

58

SEGMENTS USED IN (AS SIMPLE)

GA

TRANSACTION SETS USED IN

404 410 417 422 426 858 859

901 - Reject Reason Code

Code identifying reason for rejection as assigned by issuer TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
AAA HCP IMA RRE TRL XD

TRANSACTION SETS USED IN
147 200 227 269 271 274 278 359 417 418 421 423 433 561 832 837 849

CODE	DEFINITION & EXPLANATION
01	Price Authorization Invalid
02	Price Authorization Expired
03	Product not on the price authorization
04	Authorized Quantity Exceeded
05	Zero Balance
06	Special Cost Incorrect
07	Catalog Cost Incorrect
08	Invalid Ship Location
09	No Credit Allowed
10	Administrative Cancellation
11	Invalid Debit Number
12	Duplicate Sequence Number
13	Not Valid for Price Protection
14	Invalid part number
15	Required application data missing
16	Unit resale higher than authorized
17	Negotiated price was not less than book price
18	Ship date must not be after current date
19	Ship date cannot be prior to price authorization issue date
20	Ship date should not be before price authorization date (for rebills)
21	Price authorization is a rebill type
23	Price authorization has been deleted
24	Price authorization used on a sales order
25	Disposition pending vendor review.
26	Invalid Customer Number
27	Invalid Ship Date
28	Duplicate Invoice Number
29	Claim Submitted Past Exercise Period
30	Invalid Meet Competition Cost
31	Invalid Book Cost
32	Input Incomplete
33	Input Errors
34	No Coverage

35 Out of Network
36 Testing not Included
37 Request Forwarded To and Decision Response Forthcoming From an External Review Organization
38 Claim Can Not Be Identified for Verification
39 Actual Information Different than Reported
40 Actual Information Different - Claim Has Been Re-adjudicated Since Initial Payment
41 Authorization/Access Restrictions
42 Unable to Respond at Current Time
43 Invalid/Missing Provider Identification
44 Invalid/Missing Provider Name
45 Invalid/Missing Provider Specialty
46 Invalid/Missing Provider Phone Number
47 Invalid/Missing Provider State
48 Invalid/Missing Referring Provider Identification Number
49 Provider is Not Primary Care Physician
50 Provider Ineligible for Inquiries
51 Provider Not on File
52 Service Dates Not Within Provider Plan Enrollment
53 Inquired Benefit Inconsistent with Provider Type
54 Inappropriate Product/Service ID Qualifier
55 Inappropriate Product/Service ID
56 Inappropriate Date
57 Invalid/Missing Date(s) of Service
58 Invalid/Missing Date-of-Birth
59 Invalid/Missing Date-of-Death
60 Date of Birth Follows Date(s) of Service
61 Date of Death Precedes Date(s) of Service
62 Date of Service Not Within Allowable Inquiry Period
63 Date of Service in Future
64 Invalid/Missing Patient ID
65 Invalid/Missing Patient Name
66 Invalid/Missing Patient Gender Code
67 Patient Not Found
68 Duplicate Patient ID Number
69 Inconsistent with Patient's Age
70 Inconsistent with Patient's Gender
71 Patient Birth Date Does Not Match That for the Patient on the Database
72 Invalid/Missing Subscriber/Insured ID
73 Invalid/Missing Subscriber/Insured Name
74 Invalid/Missing Subscriber/Insured Gender Code
75 Subscriber/Insured Not Found
76 Duplicate Subscriber/Insured ID Number

77 Subscriber Found, Patient Not Found
78 Subscriber/Insured Not in Group/Plan Identified
79 Invalid Participant Identification
80 No Response received - Transaction Terminated
81 Invalid or Missing Case Number
82 Not Medically Necessary
83 Level of Care Not Appropriate
84 Certification Not Required for this Service
85 Certification Responsibility of External Review Organization
86 Primary Care Service
87 Exceeds Plan Maximums
88 Non-covered Service
89 No Prior Approval
90 Requested Information Not Received
91 Duplicate Request
92 Service Inconsistent with Diagnosis
93 Invalid Provider Identification
94 Missing Provider Identification
95 Patient Not Eligible
96 Pre-existing Condition
97 Invalid or Missing Provider Address
98 Experimental Service or Procedure
AA Authorization Number Not Found
AB Air Brakes - Inoperative, etc.
AC Missing Date(s) of Service
AD Accident Damage - Derail/Sideswiped
AE Requires Primary Care Physician Authorization
AF Invalid/Missing Diagnosis Code(s)
AG Invalid/Missing Procedure Code(s)
AH Invalid/Missing Onset of Current Condition or Illness Date
AI Invalid/Missing Accident Date
AJ Invalid/Missing Last Menstrual Period Date
AK Invalid/Missing Expected Date of Birth
AL Invalid/Missing Surgery Date
AM Invalid/Missing Admission Date
AN Invalid/Missing Discharge Date
AO Additional Patient Condition Information Required
AP Invalid Date of Birth
AQ Missing Date of Birth
AR Arrivals
AS Invalid Gender Code
AT Missing Gender Code
AU Provider Identification Does Not Match That on the Database

AV Invalid Member Identification
AW Invalid Date(s) of Service
AX System is Unable to Respond Within the Allotted Time
AY Invalid Last Name
AZ Invalid First Name
B1 Contract Price Error
B2 Contract Price Mark Up Error
B3 Contract Price Freight Error
B4 Contract Price Volume Discount Error
B5 Contract Price Starting Price Error
B6 Contract Price Invalid Date Range
B7 Contract Price Freight Surcharge Error
B8 Drop Size Error
B9 Drop Frequency Error
BA Reject Due to Air Bags
BB Missing Last Name
BC Reject Due to No Chains
BD Reject Due to Damps
BE Missing First Name
BF Missing Member Identification
BG Reject Due to Bearings
BH Member Identification Does Not Match That on the Database
BI Gender Code Does Not Match That on the Database
BJ First Name Does Not Match That on the Database
BK Last Name Does Not Match That on the Database
BL Reject Due to Load Divider Bad Order
BM Invalid Middle Name
BN Missing Middle Name
BO Loaded Car, Unable to Load
BP Reject Due to Bridge Plate
BQ Middle Name Does Not Match That on the Database
BR Reject Due to Brake Rigging Beam, Lever
BS Reject Due to Bad Order Slides
BT Invalid Suffix
BU Missing Suffix
BV Reject Due to Bad Order Valves/Piping
BW Reject Due to Bad Order Walls
BX Suffix Does Not Match That on the Database
C1 Date Error
C2 Duplicate Program
C3 Duplicate Contract
C4 Not As Negotiated
C5 Product Missing

C6 Quantity Error
C7 Incorrect Allowance
C8 Incorrect Start Date
C9 Incorrect End Date
CA Reject Due to Crank Arm Application
CB Reject Due to Center Bowls, Plates and Pins
CI Certification Information Does Not Match Patient
CL Complete Loading
CM Released as Railroad Company Material
CN Car Not Ordered
CP Put on Constructive Placement
CR Wrong Consignee
CS Release Load Through Bill Connecting Road
CT Release as a Cross-town Load
CU Equipment Not Used
CW Wrong Car Type
DD Reject Due to Doors
DG Reject Due to Draft Gear - Yoke
DM Dismantle
DP Departed
DR Reject Due to Dirty
DS Defective Safety Devices
DU Duplicate Service Type
DV Reject Due to Load Dividers, Side Filters, Special Equipment
E1 Requested Record Will Not Be Sent; Cannot Identify the Record
We cannot identify the record from the information you provided; please provide additional information or have the student contact us directly to make the request
E2 Requested Record Will Not Be Sent; Need Student or Parent Permission
Institutional policy prohibits release without written permission of student or parent; have student or parent request record from us
E3 Requested Record Will Not Be Sent
Requested record will not be sent; have student contact us to resolve a problem
E4 Requested Record Will Not Be Sent; Never Enrolled
Requested record will not be sent; we have no record that the student ever enrolled
E5 Requested Record Will Not Be Sent; No Degree Awarded
Requested record will not be sent; degree or diploma has not been awarded
E6 Requested Record Will Not Be Sent; No Grades Posted
Requested record will not be sent; grades have not been posted for the current or most recent session
E7 Requested Record Cannot Be Sent Electronically; Record Resides in Paper Format only which Will Be Sent by Mail
E8 Requires Medical Review
EA Empty Equipment Available for Loading
ER Reject Due to Spotted in Error
ET Empty Trailer Flat Release

FD Freight Damage Claim
FR Reject Due to Bad Floor
GI Group Number is Invalid
GM Group Number is Missing
GS Release From Demurrage and Start Storage until Waybilled
HB Reject Due to Handbrake
HH Reject Due to Hand Hold, Ladder, Step, Running Boards, Platforms, etc.
HX Reject Due to Hot Journal Box
IA Invalid Authorization Number Format
ID Releases an Idler
II Industrial Interchange
IP Inappropriate Provider Role
J1 Ambulance Certification Segment Information Doesn't Correspond to Transport Address Segment Information
J2 Mileage Cannot Be Computed Based on Data Submitted
J3 Computed Mileage is Inconsistent with Transport Information or Service Units
KR Reject Due to Couplers
LK Reject Due to Leaking Contents
LS Reject Due to Load Shifted
LW Light Weigh and Restencil
MA Missing Authorization Number
MO Move from Current Spot to Next
MU Missing Number of Units
NC No Certification Information Found
OG Reject Due to Outlet Gate/Valve Lo and Open Hopper
OI Released from Industry to be Inspected
OR Ordered for Replacement
OV Reject Due to Overloaded
PM Preventative Maintenance
RB Released from Industry to Custody of Broker
RD To be Reloaded
RF Reject Due to Refrigeration Unit
RH Reject Due to Roof Hatches
RK Reject Due to Racks (Bi or Tri Levels)
RL Released
RM Requesting Provider Contact Information Missing
RN Bad Order Reinitialing and Numbering
RP Released Partially Unloaded
RS Released Loaded for Line Haul Shipment
RT Run Through Equipment not Spotted
SC Released from Demurrage after being Scrapped
ST Released from Shop Track
SU Reject Due to Superstructure - End, Roof and Sides

SW Local Waybill
T1 Cannot Identify Provider as TPO (Third Party Organization) Participant
T2 Cannot Identify Payer as TPO (Third Party Organization) Participant
T3 Cannot Identify Insured as TPO (Third Party Organization) Participant
T4 Payer Name or Identifier Missing
T5 Certification Information Missing
T6 Claim does not contain enough information for re-pricing
TC Bad Order to Transfer Lading
TD Reject Due to Tie Down Devices
TH Reject Due to Trailer Hitch
TL Reject Due to Train Line, Air Hose, Anglecock
TR Reject Due to Truck, S-Frame, Bolster
UC Reject Due to Uncoupling Rod
UF Reject Due to Underframe - Including Sills
UG Bad Order for Upgrading of Car
UN Invalid Number of Units
WA Reject Due to Wheel/Axle
WK Bad Order Due to Wreck
XR Inquiry Response Type Not Supported
XT Responding System Cannot Process Inquiry Type in Real-time
ZZ Mutually Defined

902 - Section Designator Code

Code specifying the section of a transaction set standard TYPE=ID MIN=1 MAX=1

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E13

TRANSACTION SETS USED IN

868

CODE	DEFINITION & EXPLANATION
D	Detail Area
H	Heading Area
N	No Section Designation
S	Summary Area

903 - Envelope Indicator Code

Code specifying the envelope indicator for the control segments in the interchange order table of the electronic form

TYPE=**ID** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E03

TRANSACTION SETS USED IN

868

CODE	DEFINITION & EXPLANATION
H	Header for the Envelope
N	Not Header or Trailer
T	Trailer for the Envelope

904 - Requirement Designator Code

Code specifying the requirement designator as specified in the standard or standards convention

TYPE=**ID** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E03 E13 E24

TRANSACTION SETS USED IN

868

CODE	DEFINITION & EXPLANATION
C	Conditional
F	Floating
M	Mandatory
N	Not Used By Convention
O	Optional
R	Required by Convention

905 - Maximum Use

Number of times a data segment may appear; the use of 9999999 in the electronic form is to be interpreted to mean >1

TYPE=**N0** MIN=**1** MAX=**7**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E03 E13

TRANSACTION SETS USED IN

868

906 - Level Number Code

Code indicating the level of the control segment in the interchange order table of the electronic form

TYPE=**ID** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E03

TRANSACTION SETS USED IN

868

CODE	DEFINITION & EXPLANATION
0	Application Data Segment
1	Application Control Segment (e.g., ST/SE)
2	Group Control Segment (e.g., GS/GE)
3	Interchange Control Segment (e.g., ISA/TA1/IEA)

909 - Loop Name

The name of the loop

TYPE=**AN** MIN=**2** MAX=**4**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E13

TRANSACTION SETS USED IN

868

910 - Loop Repeat Count

Loop repeat count as specified in the standard; the use of 9999999 in the electronic form is to be interpreted to mean >1

TYPE=**N0** MIN=**1** MAX=**7**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E13

TRANSACTION SETS USED IN

868

911 - Position in Segment or Composite

Relative position of the data element in the segment or composite definition; it is 1 for the data element immediately following the segment ID and is incremented by 1 for each succeeding element to the end of the segment or composite

TYPE=**N0** MIN=**1** MAX=**2**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E22 E24

TRANSACTION SETS USED IN

868

912 - Relation Code

Code specifying the type of relationship between data elements for the electronic form

TYPE=**ID** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E22

TRANSACTION SETS USED IN

868

CODE	DEFINITION & EXPLANATION
C	Conditional *If first data element appears, then all must appear*
E	Exclusive Use *Only one of the data elements may appear*
L	List Conditional *If first data element listed in the relationship appears, then at least one of the following data elements must appear*
P	Paired *If one data element appears, all must appear*
R	Required *At least one of the data elements must appear*

913 - Data Element Data Type Code

Code identifying the data element type as specified in the standard TYPE=**ID** MIN=**1** MAX=**3**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E30

TRANSACTION SETS USED IN

868

CODE	DEFINITION & EXPLANATION
B	Binary
R	Decimal
AN	String
DT	Date
ID	Identifier
ID2	Identifier 2
N0	Numeric With No Decimal Positions
N1	Numeric With One Decimal Position
N2	Numeric With Two Decimal Positions
N3	Numeric With Three Decimal Positions
N4	Numeric With Four Decimal Positions
N5	Numeric With Five Decimal Positions
N6	Numeric With Six Decimal Positions
N7	Numeric With Seven Decimal Positions
N8	Numeric With Eight Decimal Positions
N9	Numeric With Nine Decimal Positions
TM	Time

914 - Minimum Length

The minimum length attribute for a data element as specified in the standard document

TYPE=**N0** MIN=**1** MAX=**2**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E30

TRANSACTION SETS USED IN

868

915 - Maximum Length

The maximum length attribute for a data element as specified in the standard document

TYPE=**N0** MIN=**1** MAX=**7**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E30

TRANSACTION SETS USED IN

868

916 - Code List Reference

The reference to the code list table for the electronic form TYPE=**AN** MIN=**1** MAX=**6**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

DAI E30

TRANSACTION SETS USED IN

868

918 - Code Value

A code value for an ID-type data element TYPE=**AN** MIN=**1** MAX=**8**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E34

TRANSACTION SETS USED IN

868

921 - Discipline Type Code

Code indicating disciplines ordered by a physician TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
CR7

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
AI	Home Health Aide
MS	Medical Social Worker
OT	Occupational Therapy
PT	Physical Therapy
SN	Skilled Nursing
ST	Speech Therapy

922 - Electronic Form Standards Type Code

Code identifying the standard type being transferred using the electronic form

TYPE=**ID** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

COMPOSITE DATA STRUCTURES USED IN
C053

SEGMENTS USED IN (AS COMPONENT)
TXN

SEGMENTS USED IN (AS SIMPLE)
E01

TRANSACTION SETS USED IN
838 868

CODE	DEFINITION & EXPLANATION
H	Health Level 7 (HL7)
I	Industry Standard Code List
N	National Council for Prescription Drug Programs (NCPDP)
T	TDCC Encoded Standards
U	United Nations/Electronic Data Interchange for Administration, Commerce and Transport (UN/EDIFACT)
X	X12 Standards

923 - Prognosis Code

Code indicating physician's prognosis for the patient TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CR6 SV5 UM

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
1	Poor
2	Guarded
3	Fair
4	Good
5	Very Good
6	Excellent
7	Less than 6 Months to Live
8	Terminal

924 - Full or Partial Indicator Code

Code identifying if the electronic form tables being transferred are a full or partial set

TYPE=**ID** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

E01

TRANSACTION SETS USED IN

868

CODE	DEFINITION & EXPLANATION
F	Full Set of Tables
P	Partial Set of Tables

926 - Data Maintenance Number

The data maintenance number assigned by X12. TYPE=**AN** MIN=**1** MAX=**6**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

DMI

TRANSACTION SETS USED IN

868

927 - Damage Code Qualifier

Code identifying the party maintaining damage area, damage type and damage severity code lists

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

BIX F12

TRANSACTION SETS USED IN

924 928

CODE	DEFINITION & EXPLANATION
A	Association of American Railroads SEE CODE SOURCE 57
B	General Motors SEE CODE SOURCE 57

930 - Regulatory Agency Code

Code identifying the regulatory agency governing the price reference TYPE=**ID** MIN=**3** MAX=**5**

Code Sources

127

SEGMENTS USED IN (AS SIMPLE)

PI

TRANSACTION SETS USED IN

404 410 414 417 422 426 433 453 456 460 466 468 486 490 494 858

931 - Page Width

Definition of the maximum number of characters per line that can be expected in the message text

TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

MIT

TRANSACTION SETS USED IN

864

932 - Page Length Lines

Definition of the maximum number of lines per page that can be expected in the message text

TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

MIT

TRANSACTION SETS USED IN

864

933 - Free-form Message Text

Free-form message text TYPE=**AN** MIN=**1** MAX=**264**

COMPOSITE DATA STRUCTURES USED IN

C068 C071

SEGMENTS USED IN (AS COMPONENT)

CNP ING NF2 NF3 NF5 NFD NFE PDH TRD TRT

SEGMENTS USED IN (AS SIMPLE)

ASO CDD DRA EFI III IPU MSG PBI PDE PDS PWK RC SCS SIN STC TER TPB UQS YNQ

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 132 133 135 138 141 142 143 147 148 149 151 153 155 159 160 161 175 176 179 186 187 188 189 191 194 195 196 197 198 199 200 201 202 203 205 206 240 242 245 248 249 252 255 256 259 260 261 262 264 265 266 267 268 270 271 272 273 274 275 277 278 280 283 284 285 286 304 310 412 422 423 435 500 504 511 521 536 540 601 603 620 625 650 753 810 811 812 813 819 820 821 826 830 832 833 836 837 839 840 841 842 843 848 850 851 855 856 860 864 865 867 868 870 872 874 897

934 - Printer Carriage Control Code

Code identifying the control of the line feed of the receiving printer TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

MSG MTX

TRANSACTION SETS USED IN

100 105 112 113 124 138 141 142 143 149 150 153 155 159 175 176 179 186 187 188 189 194 195 196 197 198 200 201 202 206 242 249 251 252 255 256 259 260 262 264 265 267 268 271 272 273 274 278 283 284 286 435 500 504 521 536 620 625 650 754 805 806 810 811 813 814 819 821 832 833 836 839 840 841 843 848 850 851 855 857 860 864 865 868 872 880 890 892 894 897

CODE	DEFINITION & EXPLANATION
AA	Advance The Specified Number of Lines Before Print
AT	Advanced Three Lines Before Print
DS	Advance two lines before print
LC	Line Continuation
NP	Advance to next page before print
NS	No advance before print
SS	Advance to new line before print

935 - Measurement Significance Code

Code indicating the benchmark of, qualify or further define a measurement value

TYPE=**ID** MIN=**2** MAX=**2**

COMPOSITE DATA STRUCTURES USED IN
C007

SEGMENTS USED IN (AS COMPONENT)
AWD ASO

SEGMENTS USED IN (AS SIMPLE)
MEA NF2 NF3 NF5 NF6 NF7 NF8 NFC STA

TRANSACTION SETS USED IN
112 113 135 142 155 159 160 175 179 180 185 187 195 196 204 219 220 228 259 262 280 284 285 286 304 353 404 410 412 417 424 426 470 500 501 511 536 603 620 625 650 810 811 814 819 830 832 836 837 838 840 841 842 843 844 845 846 847 848 849 850 853 855 856 857 858 859 860 861 863 865 866 867 869 870 873 888 890 892 897 940 945

CODE	DEFINITION & EXPLANATION
01	Where Air = 1
02	Where Butyl Acetate = 1
03	Approximately
04	Equal to
05	Greater than or equal to
06	Greater than
07	Less than
08	Less than or equal to
09	Where H2O = 1 or Water = 1
10	Not equal to
11	Corrected to 60 Degrees Fahrenheit
12	Where Toluene = 1
13	Vapor in Air
14	Vapor in Other Than Air
15	Standard Temperature and Pressure
16	Conditions Other Than Standard Temperature and Pressure
17	In Ethyl Alcohol
18	In Ethyl Ether
19	In Water
20	At 1 Atmosphere Pressure
21	Where Ether = 1
22	Actual
23	Predicted
24	Air-dried Basis *A condition representative of a partially dried sample*
25	As-received Basis *A condition representative of a sample as it arrived at a laboratory, before any processing or*

conditioning

26 Dry Basis
A condition representative of no moisture in the sample

27 Equilibrium Basis
A condition representative of material in its natural state

28 Moisture and Ash-Free Basis
A condition representative of no moisture and no ash in the sample

29 Oxidizing Atmosphere
The presence of oxidizing gases during testing

30 Reducing Atmosphere
The presence of reducing gases during testing

31 Calculated

32 Scaled Weight
A weight that is taken from a scale rather than calculated

34 Ratchet
Highest previously attained value

35 Saturated Vapor
Measurement applies to the maximum amount of product material that can be held in vapor form without condensing

36 Unconditional
Measurement applies with no further conditions beyond those already specified

37 Short-term
Measurement applies only over the short-term specified

38 Time-weighted
Measurement signifies that the measurement for each event is weighted by the time duration of that event

39 Corrected

40 Uncorrected

41 Off Peak

42 On Peak

43 Intermediate

44 Average
Calculated Value was based on an average parameter or standard

45 Per Gallon
Calculated Value was based on per gallon parameter or standard

46 Estimated

47 Minimum

49 Mist

50 Predominant

51 Total

52 Cost

53 Tenant

54 Owner

55 For Sale

56 Real Estate Owned or Corporate Owned

57 Boarded or Blocked Up

58 Planned
59 Completed
60 Sold
61 Rented
62 Current
63 Current List
64 Effective
65 List When Sold
66 Sales
67 Final List
68 As Is
69 As Repaired or Improved
70 Instantaneous
71 Low
72 Low to Good
73 Low to High
74 Low to Medium
75 Low to Moderate
76 Medium
77 Medium to Good
78 Medium to High
79 Moderate
80 Moderate to Good
81 Moderate to High
82 Moderate to Medium
83 Good
84 Good to High
85 High
86 Budgeted
87 Forecast
88 Adjusted
89 Allocated
90 Increasing
91 Stable
92 Declining
93 Previous
94 Potential
95 Modeled
96 Measured
97 Maximum
98 Regulated
99 Spring
AA Summer On-peak

AB Summer Mid-peak
AC Summer Off-peak
AD Summer Super On-peak
AE Summer Super Off-peak
AF Winter On-peak
AG Winter Mid-peak
AH Winter Off-peak
AI Winter Super On-peak
AJ Winter Super Off-peak
AK Summer Day
AL Summer Night
AM Winter Day
AN Winter Night
AO Summer
AP Winter
AQ Day
AR Night
AS Peak-2
AT Peak-3
AU Peak-4
AV Shoulder
AW Non Time Related Demand
AX Fall
AY Summer On Peak-2
Identifier for a tarriffed rate for metered service consumption and billing
AZ Winter On Peak-2
Identifier for a tarriffed rate for metered service consumption and billing
BA Probable Contamination
BB Not Confirmed
Value of the Result is Tentative Due to a Possible Identification Problem
BC Tentative Identification
BD Failed
BE Summer Mid Peak-2
Identifier for a tarriffed rate for metered service consumption and billing
BF Winter Mid Peak-2
Identifier for a tarriffed rate for metered service consumption and billing
ZZ Mutually Defined

936 - Measurement Attribute Code

Code indicating an attribute response when a numeric measurement value cannot be determined

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

MEA NCD

TRANSACTION SETS USED IN

112 135 142 155 159 160 175 179 180 185 187 195 196 204 219 220 228 262 280 284 285 286 304 353 404 410 412 417 424 426 470 500 501 511 536 603 620 625 650 810 811 819 830 832 836 837 838 840 841 842 843 844 845 846 847 848 849 850 853 855 856 857 858 859 860 861 863 865 866 867 869 870 873 888 890 892 897 940 945

CODE	DEFINITION & EXPLANATION
01	Clear
02	Hazy
03	Excess
04	Some
05	Undetectable
06	Trace
07	Yes
08	Closed
09	Pass
10	Present
11	Gel
12	OK
13	Slight
14	No Good
15	Marginal
16	Nil
17	Oil Free
18	Open
19	Free
20	No
21	Checked
22	Fail
23	Absent
24	Good
25	Fair
26	Poor
27	Excellent
28	Bright
29	To Be Determined
30	High

31 Negative
32 Partial
33 Variable
40 Balance
41 Complete
42 Low
44 Not Applicable
45 Not Determined
46 Negligible
48 Moderate
49 Appreciable
50 Not Available
51 Conforming
52 Non-conforming
53 Probable Contamination
54 Tentative Identification
56 Detected; Not Quantified
BA Backer
Paint manufacturer's recommended film thickness for a particular paint system for a non-exposed application
FL Full
Paint manufacturer's recommended film thickness for a particular paint system for an exposed application
NA Not Analyzed
ND Not Detected
NS Not Sampled
PR Present and Not Counted
Q1 First Quality
Q2 Second Quality
TA Too Numerous to Count
TB New
WS Washcoat
Paint manufacturer's recommended film thickness for a particular paint system for a non-exposed application, where broad film-thickness tolerances not requiring close control are permissible
ZZ Mutually Defined

937 - Test Administration Method Code

Code specifying the method of administering the test TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
TMD

TRANSACTION SETS USED IN
142 841 842 848 863

CODE	DEFINITION & EXPLANATION
01	Dermal
02	Inhalation
03	Oral
04	Impulse Current
05	Impulse Surge Life
06	Impulse
07	Insulation Resistance
08	Inter-Electrode Capacitance
09	Direct Current
11	Contact *Material is in contact with testing device*
12	Immersion
AG	Auger *Method whereby a sample is collected (from a stockpile, railcar, truck, or barge) by a tool that bores into the lot to be sampled*
CT	Car Top Sample *Method whereby a sample is randomly collected from a railcar, barge, or shiphold*
FL	Flow Sample *Method whereby a sample is collected from a conveyor belt by moving a cutter device entirely across the stream at a uniform speed*
MA	Manual Sample *Method whereby a sample is selected by human discretion*
ME	Mechanical Sample *Method whereby a sample is collected in precise accord with previously assigned rules on timing or location, free of bias*
PC	Closed Cup
PO	Open Cup
SB	Stop Belt Sample *Method whereby a sample is collected from a loaded conveyor belt that is stopped, and a full cross-section cut is removed from the stream*
SP	Stockpile

938 - Test Medium Code

Code specifying organism on which the test was performed TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

TMD

TRANSACTION SETS USED IN

142 841 842 848 863

CODE	DEFINITION & EXPLANATION
01	Animal
02	Human
03	Rat
04	Rabbit
05	Guinea Pig
06	Fish
07	Bird
08	Microorganism

939 - Sample Process Status Code

Code specifying the stage in the product development cycle at which the specimen was selected for testing

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PSD

TRANSACTION SETS USED IN

841 842 863

CODE	DEFINITION & EXPLANATION
01	In process specimen
02	Finished product specimen

940 - Sample Selection Method Code

Code specifying the method of selecting the specimen TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PSD

TRANSACTION SETS USED IN

841 842 863

CODE	DEFINITION & EXPLANATION
01	Random Selection
02	Sequential specimen
03	First piece specimen
04	Last specimen (Sample taken at the end of an operation)
05	All Specimens

942 - Sample Frequency Value per Unit of Measurement Code

The number of samples collected

TYPE=**N0** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

CSF PSD SPS

TRANSACTION SETS USED IN

841 842 863

943 - Sample Description Code

Code specifying the physical configuration or condition of the test specimen

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
PSD

TRANSACTION SETS USED IN
841 842 863

CODE	DEFINITION & EXPLANATION
01	Round
02	Rectangular
03	Charpy-B
04	Tubular
05	Sand Cast
06	Charpy Powdered Parts
07	Izod Powdered Parts
08	Irregular
09	Spherical
10	Charpy-C
11	Die Cast
12	Pressed
13	Permanent Mold Cast
14	Cylindrical
15	Charpy-A
16	Izod V-Notch
17	Izod X-Notch
18	Izod Y-Notch
19	Izod Z-Notch
20	Full Cross-Section
21	Mill Annealed *A condition existing in a sample after it has been annealed in the mill (as opposed to annealing in the testing laboratory); annealing is a type of heat treatment whose usual purpose is to transform the material*
22	Heat Treated *A condition existing in a sample after it has undergone a sequence of heating and cooling processes; heat treating is performed for the purpose of obtaining desirable properties*
23	Aged *A condition existing in a sample after it has undergone an aging process*
24	Notched *Specimen is notched when undergoing testing*
25	Smooth *Specimen is smooth when undergoing testing*

26 Combination
Specimen is smoothed and notched when undergoing testing

944 - Sample Direction Code

Code specifying the direction in which the sample was collected or tested

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PSD

TRANSACTION SETS USED IN

841 842 863

CODE	DEFINITION & EXPLANATION
01	Longitudinal
02	Transverse
03	Radial
04	Axial
05	Forty-Five Degree
06	Long Transverse
07	Short Transverse
08	Tangential
09	Long Transverse/Longitudinal
10	Long Transverse/Short Transverse
11	Longitudinal/Long Transverse
12	Longitudinal/Short Transverse
13	Short Transverse/Longitudinal
14	Short Transverse/Long Transverse
15	Longitudinal/Transverse
16	Shear

945 - Position Code

Code specifying the position of an item such as the location, within a specimen, from which the sample was taken; the position of a coupon within an advertisement; etc

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

G12 PSD

TRANSACTION SETS USED IN

841 842 863 887

CODE	DEFINITION & EXPLANATION
01	Bore
02	Rim
03	Web
04	Leg
05	Integral Test Ring
06	Slug
07	Interior Front
08	Interior Back
09	Center of Thickness
10	Ladle
11	Front
12	Back
13	Center
14	Core
15	Mid-Radius
16	Surface
17	Heaviest Section
18	Quarter Thickness
19	One-Third Radius *One-third the distance along a straight line extending from the circumference of a circle to its center*
20	Operator Edge *The edge of the material closest to the operator*
21	Center of Width
22	Drive Edge *The edge of the material opposite the operator*
23	Top
24	Bottom
30	Inside
31	Upper Left Quadrant
32	Upper Right Quadrant
33	Lower Left Quadrant

34 Lower Right Quadrant

949 - Confidence Limit

Percent value expressing the confidence that a true value falls within a certain confidence interval

TYPE=**R** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

SPS

TRANSACTION SETS USED IN

841 842 863

950 - Statistic Code

Code specifying the specific statistic being reported TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
SCA STA

TRANSACTION SETS USED IN
138 285 841 842 848 863

CODE	DEFINITION & EXPLANATION
01	Cusum Delta
02	Cusum - H
03	Cusum - K
04	Capability Ratio
05	F-Test
06	Control Limit Lower - Individual
07	Control Limit Upper - Individual
08	T-Test
09	Grand Average (Double X Bar)
10	Kurtosis
11	Mean Average
12	Median
13	Minimum Average
14	Median Range
15	Maximum Average
16	Process Capability Upper
17	Process Capability Lower
18	Process Capability CPK
19	Range Average (R Bar)
20	Control Limit Lower R-Bar
21	Control Limit Upper R-Bar
22	Range Value *Maximum range minus the minimum range value*
23	Standard Deviation
24	Standard Error
25	Skewness
26	Control Limit Lower X-Bar
27	Control Limit Upper X-Bar
28	Failure Rate in Time *A statistical measure of failures over time determined by the equation 'failure rate * 10 (power 9)'*
29	Mode
30	Average
31	Mean

32 Minimum Value
The least, or smallest, value; the allowed lower limit

33 Maximum Value
The largest value; the allowed upper limit

34 Calculated

40 Scalar

41 Percentile

42 Decile

43 Quartile

44 Quintile

53 Probability

AD Anderson Darling Test

CF Cochran's Procedure

CS Chi-Square Test

HG Histogram

KS Kolmogorov-Smirnov Test

SK Moment Tests, Skewness and Kurtosis (Weighted Average)

SW Shapiro-Wilk Test

ZZ Mutually Defined

951 - Balance Type Code

Code indicating the type of balance

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BAL

TRANSACTION SETS USED IN

187 248 568 810 811 884

CODE	DEFINITION & EXPLANATION
A	Adjustment
C	Cycle
M	Current Month
N	Month
P	Previous Month *Balance of previous period charges prior to applying payments and adjustments for the previous period billing*
Q	Quarterly
Y	Year to Date
AM	Analysis Month
CD	Cycle to Date *Denotes balance data associated with defined periods*

952 - Adjustment Application Code

Code specifying the area to which adjustment applies TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
ADJ

TRANSACTION SETS USED IN
822

CODE	DEFINITION & EXPLANATION
F	Float
L	Ledger
S	Service Charge

953 - Interest Rate

The interest rate as a percentage

TYPE=**R** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

GR IDB INT PLI PRC RTE SAD SLI

TRANSACTION SETS USED IN

103 135 139 144 191 202 203 205 248 259 260 264 266 568 821 822

954 - Percentage as Decimal

Percentage expressed as a decimal (e.g., 0.0 through 1.0 represents 0% through 100%, 1.5 represents 150%)

TYPE=**R** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

AM1 AP1 ASO AT3 BCS BEN BUY CLP CR4 CS CSH DOS DRT EB EC FBB FC FPT GA IMP INV ITD L1 LN
LN1 LN2 LRQ M1 MIC MIR MOA PAM PCT PDD PDL PEN PRD PSC PYM Q5 RPA SBI SP SV4 TER TIA TRS TXI
UD UDA USD VDI WLD

TRANSACTION SETS USED IN

100 103 104 105 110 111 112 113 124 130 132 133 140 142 148 149 150 151 152 153 154 155 159 175
176 179 185 186 187 189 194 196 197 198 199 201 202 205 206 210 211 215 222 223 228 245 251 252
255 256 259 260 261 262 263 265 266 267 268 269 271 272 273 278 283 285 286 290 300 301 304 310
312 322 362 404 410 417 422 426 432 501 503 521 527 536 540 561 567 568 650 805 806 810 811 812
813 819 820 823 826 830 832 833 834 835 836 837 838 839 840 842 843 845 846 850 851 855 857 858
859 860 865 870 872 873 874 887 894 895 947

955 - Tax Jurisdiction Code Qualifier

Code identifying the source of the data used in tax jurisdiction code TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PTS TA TXI

TRANSACTION SETS USED IN

112 124 140 142 148 154 158 187 215 245 263 283 810 811 812 820 823 832 850 851 855 857 860 865 894 895

CODE	DEFINITION & EXPLANATION
CD	Customer defined
MB	Taxing Authority Code
SP	State or Province SEE CODE SOURCE 5
ST	State Defined
VD	Vendor defined
VE	Vertex SEE CODE SOURCE 81

956 - Tax Jurisdiction Code

Code identifying the taxing jurisdiction TYPE=**AN** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

PTS TA TXI

TRANSACTION SETS USED IN

112 124 140 142 148 154 158 187 215 245 263 283 810 811 812 820 823 832 850 851 855 857 860 865 894 895

959 - Payment Cancellation Type Code

Code identifying whether a batch of payments or a single payment is to be cancelled

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

PCR

TRANSACTION SETS USED IN

829

CODE	DEFINITION & EXPLANATION
CAN	Cancel an entire batch of payments.
IND	Cancel an individual payment.

960 - Request for Quote Type Code

Code specifying the type of request for quote TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
BQT

TRANSACTION SETS USED IN
840

CODE	DEFINITION & EXPLANATION
01	Request For Quote
02	Solicitation for Offer
03	Invitation for Bid
04	Request for Proposal
05	Sealed Bid
06	Amendment to Solicitation
07	Request for Technical Proposal
08	Request for Price Proposal
09	Request for Information
10	Request for Lease and Purchase Terms
11	Broad Announcement
BF	Best and Final
CB	Presolicitation Announcement

961 - Data Element New Content

New data which has replaced erroneous data TYPE=**AN** MIN=**1** MAX=**99**

SEGMENTS USED IN (AS SIMPLE)

TED

TRANSACTION SETS USED IN

824

962 - Receiving Advice or Acceptance Certificate Type Code

Code specifying type of receiving advice TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
BRA

TRANSACTION SETS USED IN
861

CODE	DEFINITION & EXPLANATION
1	Receiving Dock Advice
2	Post Receipt Advice
3	Disposition Advice
4	Metered Gas Volume Advice
5	Facility Operator's Allocation Advice
6	Natural Gas Seller's Allocation Advice
7	Pipeline Allocation Advice
8	Acceptance Certificate
9	Authorized Representative in Receipt of an Acceptance Alert *An acknowledgment that acceptance has taken place (at destination) by an authorized (government) representative who had been previously alerted to the fact that there is a shipment inbound for which acceptance at destination will be required*
A	Authorized Representative Not in Receipt of an Acceptance Alert *An acknowledgment that acceptance has taken place (at destination) by an authorized (government) representative who had not been previously alerted to the fact that there is a shipment inbound for which acceptance at destination will be required*
R	Intermediate Point Receipt Advice

963 - Tax Type Code

Code specifying the type of tax TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
PEX PTF TXI

TRANSACTION SETS USED IN
112 124 140 142 148 154 187 198 201 202 215 261 262 263 283 810 811 812 820 823 832 850 851 855 857 860 865 872 894 895

CODE	DEFINITION & EXPLANATION
AA	Stadium Tax
AB	Surtax
AC	Departure
AD	Accommodations Tax
AE	Ad Valorem Tax
AF	Alcoholic Beverage Tax
AG	Coin Operated Device Tax
AH	Corporate Income Tax
AI	Employment Tax
AJ	Estate Tax
AK	Fee-in-Lieu
AL	Gaming Tax
AM	Gift Tax
AN	Highway (Fuel) Use Tax
AO	International Fuel Tax Agreement (IFTA) Tax
AP	Individual Income Tax
AQ	Inheritance Tax
AR	Motor Fuel Tax
AS	Personal Property Tax
AT	Assessment
AU	Real Property Tax
AV	Severance Tax
AW	Solid Waste Tax
AX	Tobacco Tax
AY	Tourism Tax
AZ	Transit Tax
BA	Unemployment Tax
BB	Use Tax
BC	Withholding Tax
BD	Worker's Compensation Tax
BE	Harmonized Sales Tax
BP	Business Privilege Tax *Tax imposed on non-American Indian businesses for the privilege of conducting business on*

an American Indian reservation

CA City Tax
Service Tax imposed by City

CB Threshold Tax

CG Federal Value-added Tax (GST) on Goods

CI City Rental Tax
Levied by a city government against the periodic fee paid by a customer in return for the right to use the property of another party

CP County/Parish Sales Tax

CR County Rental Tax
Levied by a county government against the periodic fee paid by a customer in return for the right to use the property of another party

CS City Sales Tax

CT County Tax

CV Federal Value-added Tax (GST) on Services

DL Default Labor Tax

EQ Equipment Tax

ET Energy Tax
Tax applied to the utility and petroleum industries

EV Environmental Tax

F1 FICA Tax

F2 FICA Medicare Tax

F3 FICA Social Security Tax

FD Federal Tax
Usage tax imposed by federal (US and Canadian) government

FF Fuel Super Fund Tax

FI Federal Income Tax Withholding

FL Fuel L.U.S.T. Tax (Leaking Underground Storage Tank)

FR Franchise Tax
Tax imposed by municipality for the right to provide service

FS Fuel Spill Tax

FT Federal Excise Tax

GR Gross Receipts Tax

GS Goods and Services Tax
Canadian value-added tax

HS Public Health and Education Tax
Canadian tax levied to fund public care and education

HT Handicap Tax
Tax assessed to assist the handicapped

HZ Hazardous Waste Tax

LB Labor By Trade Tax

LO Local Tax (Not Sales Tax)
Service tax imposed on a local level

LS State and Local Sales Tax

LT Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)

LU Leaky Underground Storage Tank (LUST) Tax (federal)
Leaky Underground Storage Tank (LUST) Tax (federal); tax imposed in the U.S., at the federal level, for clean-up of leaky underground storage tanks

LV Leaky Underground Storage Tank (LUST) Tax (state)
Leaky Underground Storage Tank (LUST) Tax (state); tax imposed in the U.S., at the state level, for clean-up of leaky underground storage tanks

MA Material Tax

MD Medical Device Tax

MN Minimum Tax

MP Municipal Tax
Service tax imposed by a municipality

MS Miscellaneous State Tax

MT Metropolitan Transit Tax

OH Other Taxes

OT Occupational Tax
Tax imposed on telecommunication companies for the right to provide service

PG State or Provincial Tax on Goods

PS State or Provincial Tax on Services

SA State or Provincial Fuel Tax

SB Secondary Percentage Tax

SC School Tax
Tax collection by taxing authority for schools

SE State Excise Tax
Usage tax imposed by state of provincial government

SF Superfund Tax
Superfund is a U.S. government fund created for the cleanup or eradication of sites at which toxic waste, hazardous to the environment, has been dumped

SL State and Local Tax
State and Local tax funds, exclusive of State and Local Sales tax

SP State/Provincial Tax
State tax levied which excludes sales or excise taxes

SR State Rental Tax
Levied by a state government against the periodic fee paid by a customer in return for the right to use the property of another party

SS State Tax on Specific Labor

ST State Sales Tax

SU Sales and Use Tax
Tax on Equipment and Service provided

SX Enhanced 911 - State Excise Tax
A tax imposed to pay for enhanced 911 services such as automatic call identification

T1 Pre-threshold Tax

T2 Post Threshold Tax

TD Telecommunications Device for the Deaf (TDD) Service Excise Tax
Tax imposed to recover the cost of providing TDD equipment

TT Telecommunications Tax
Tax imposed on telecommunications companies for the right to provide service or usage tax imposed. (This could be an excise tax)

TX All Taxes
Total of all applicable taxes

UL License Tax
Tax used to report the amount of license tax which is passed to the consumer

UT Utility Users' Tax
City or county tax for natural gas usage that is imposed upon customers

VA Value Added Tax

WS Well Service

ZA 911-City Tax
Tax levied to recover the cost of providing 911 emergency services within a city

ZB 911-County Tax
Tax levied to recover the cost of providing 911 emergency service within a county

ZC 911-Excise Tax
Usage tax imposed to recover the cost of 911 service

ZD 911-State Tax
Tax levied to recover the cost of providing 911 emergency service within a State

ZE 911-Tax
Tax to recover the cost of 911 service

ZF Beverage Tax

ZZ Mutually Defined

964 - Cost Code

Code identifying cost element TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
CST

TRANSACTION SETS USED IN
843

CODE	DEFINITION & EXPLANATION
FNC	Final Net Acquisition Cost
HAN	Prototype Handling Cost
LAB	Labor Cost
MTL	Material Cost
OCT	Sender's Cost
OTH	Other Cost
OVR	Overhead Cost
PKG	Packaging Cost
RMP	Raw Material per Part Cost
RMU	Raw Material per Unit of Measure Cost
SET	Prototype Set-Up Cost
TDI	Total Die Model Cost
TGA	Total Gage Cost
TLN	Line Item Tooling Cost
TML	Total Material Cost
TMP	Total Material Including Purchased Components Cost
TOL	Total Other Tooling Cost
TPU	Total Purchased Components Cost
TTL	Total Tooling Cost

965 - Issuing Carrier Identifier

Identification assigned by issuing carrier TYPE=**AN** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

PI

TRANSACTION SETS USED IN

404 410 414 417 422 426 433 453 456 460 466 468 486 490 494 858

967 - Tray Count

The number of units in the tray

TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

ID3

TRANSACTION SETS USED IN

896

969 - Rate Basis Qualifier

Code identifying type of tariff information contained in segment TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)
SCL

TRANSACTION SETS USED IN
494

CODE	DEFINITION & EXPLANATION
A	Base Zip
B	Kilometers
C	Mileage
D	Rate Basis
E	Scale
F	Tariff Note
H	Household Goods Miles
M	Carrier Miles (Actual)
T	Association of American Railroads Docket 28300 Miles
X	Combination Mileage (Association of American Railroads Docket 28300 Followed by Actual Carrier Miles)
Y	Combination Mileage (Actual Carrier Miles Followed by Association of American Railroads 28300 Miles)

970 - Tariff Add-On Factor

Rate Basis Add-on factor TYPE=**N** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

SCL

TRANSACTION SETS USED IN

494

972 - Tariff Class Adjustment Reference

Reference number used by some carriers to indicate another table or pointer used for class adjustments; reference number will appear in the rates and class adjustments sections of the tariff so that the two sections can be cross referenced

TYPE=**AN** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

SCL

TRANSACTION SETS USED IN

494

973 - Tariff Item Suffix

Tariff item descriptor TYPE=**AN** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

TS

TRANSACTION SETS USED IN

106

974 - Tariff Reference Flag Code

Code signifying that printed tariff needs to be referenced for proper application of tariff rules or for further explanation of tariff data

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

MCT

TRANSACTION SETS USED IN

106 107

CODE	DEFINITION & EXPLANATION
R	Restricted

975 - Tariff Restriction Description

Short description of tariff restriction values for multiple minimum charges, the tariff minimum charge abbreviation must be used, e.g., LICMC

TYPE=**AN** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

TFR

TRANSACTION SETS USED IN

106

976 - Tariff Restriction ID Code

Code identifying tariff restriction values TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
TFR

TRANSACTION SETS USED IN
106

CODE	DEFINITION & EXPLANATION
A	Minimum Charge
B	Mileage Restriction
C	Minimum Weight
D	Excess Weight Charge
E	Maximum Weight

977 - Tariff Restriction Value

Restriction value in - can be miles, weight charges, etc. TYPE=**R** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

TFR

TRANSACTION SETS USED IN

106

978 - Tariff Section Identifier

Tariff section identifier as mutually agreed upon by sender and receiver TYPE=**AN** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

TS

TRANSACTION SETS USED IN

106

980 - Tariff Section ID Code

Code identifying type of tariff information contained in the segments that follow

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

TS

TRANSACTION SETS USED IN

106

CODE	DEFINITION & EXPLANATION
AC	Accessorial Charges
AT	Actual Rates
BF	Rate Base Reference With Add-On
BS	Rate Basis/Scale
CA	Class Adjustment
SR	Scale/Rates
ZA	Zip Adjustment Applied After Class Adjustment
ZB	Zip Adjustment Applied Before Class Adjustment

981 - Tariff Value Code

Code identifying how to apply or interpret accessorial charges TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
MCT

TRANSACTION SETS USED IN
106 107

CODE	DEFINITION & EXPLANATION
AC	Advanced Charges
AM	Amount Collected
CH	Charge Minimum And Maximum Specifications
HA	Half Hour
HR	Hour
HU	Hundredweight
II	Long Ton
MA	Man-hour (Monday Through Friday, 8 AM to 5 PM)
MH	Man-hour (Saturdays)
MI	Miles
MN	Man-hour (Monday Through Friday, 5 PM to 8 AM)
NO	Notification
PA	Package
RB	Rate Basis
SE	Seal
SH	Shipment
ST	Stop
TN	Ton
VE	Vehicle

982 - Data Source Code

Code identifying source of data TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
SL1

TRANSACTION SETS USED IN
104 110 858 859

CODE	DEFINITION & EXPLANATION
01	Airbill
03	Express Manifest
05	Government Bill of Lading (GBL)
07	Microcomputer Shipping System
09	Electronic Input (Other Than Code 07)

983 - Hazardous Class Qualifier

Code identifying hazardousclas

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

LH2

TRANSACTION SETS USED IN

204 211 219 222 284 300 301 304 310 312 322 404 417 418 421 423 435 856 858 940

CODE	DEFINITION & EXPLANATION
P	Primary
S	Secondary

984 - Hazardous Material Shipping Name Qualifier

Code indicating the source (regulatory) of the proper shipping name TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
LH3

TRANSACTION SETS USED IN
204 211 219 222 284 300 301 304 310 312 322 404 417 418 421 423 435 856 858 940

CODE	DEFINITION & EXPLANATION
C	Canadian Shipping Name
D	Domestic (United States) Shipping Name
I	International Shipping Name

985 - N.O.S. Indicator Code

Code indicating the type of regulatory requirements that apply to a description; N.O.S. stands for Not Otherwise Specified

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

LH3

TRANSACTION SETS USED IN

204 211 219 222 284 300 301 304 310 312 322 404 417 418 421 423 435 856 858 940

CODE	DEFINITION & EXPLANATION
NOS	N.O.S. Regulatory Requirements Apply

986 - Special Commodity Indicator Code

Code indicating 'Special Commodity' notation on operational waybill as identified by the Transportation of Dangerous Goods Act and Regulation (TDG)

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

LH4

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 435 832 856 858 897 940

CODE	DEFINITION & EXPLANATION
S	Positive Indicator

987 - Cryptographic Service Message (CSM) Message Class Code

Code specifying the Message class (MCL) TYPE=**ID** MIN=**3** MAX=**4**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

CSM

TRANSACTION SETS USED IN

815

CODE	DEFINITION & EXPLANATION
DSM	Disconnect Service Message
ERS	Error Recovery Service Message
ESM	Error Service Message
KSM	Key Service Message
PKS	Public Key Service Message
RFS	Request for Service Message
RSI	Request for Service Initiation Message
RSM	Response Service Message
RTR	Response to Request Message

988 - Cryptographic Service Message (CSM) Field Tag Code

Code indicating the field tag of a field contained in a cryptographic service message; the field tag identifies the contents of the accompanying Field Contents

TYPE=**ID** MIN=**2** MAX=**4**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

CSB

TRANSACTION SETS USED IN

815

CODE	DEFINITION & EXPLANATION
KD	Data Key
KK	Key - Encrypting Key
CTA	Count, "A"
CTB	Count, "B"
CTP	Count, Pair
CTR	Count, "R"
EDC	Error Detection Code
ERF	Error Field
IDA	Identity of Key for Authentication
IDC	Identity of Key Distribution Center (CKD) or Key Translation Center (CKT)
IDD	Discontinued Key Name
IDU	Identity of Ultimate Recipient (the Security Recipient)
KDU	Data Key, Notarized
KKU	Key - Encrypting Key Notarized
MAC	Message Authentication Code
NOS	Notarization Flag
PKK	Key - Encrypting Key Pair (*KK)
SVR	Service Request
TID	Transaction Identification Number
PKKU	Key - Encrypting Key Pair, Notarized (*KKU)
SUBF	Subfield of Previous Field Tag *Indicates that the previous field tag (other than SUBF) has a subfield and the accompanying field content is the subfield value without the ANSI X9.17 subfield delimiter*

989 - Cryptographic Service Message (CSM) Field Contents

This data element contains a field or subfield of a cryptographic service message

TYPE=**AN** MIN=**1** MAX=**32**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

CSB

TRANSACTION SETS USED IN

815

990 - Security Type Code

Code identifying the security algorithms and methods applied for this level of interchange

TYPE=**ID** MIN=**2** MAX=**2**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

S3S **S4S** **SPE**

TRANSACTION SETS USED IN

993

CODE	DEFINITION & EXPLANATION
AA	Authentication, No Compression, No Encryption
AC	Authentication, Compression, No Encryption
BB	Authentication, No Compression, Encryption
BC	Authentication, Compression, Encryption
CC	No Authentication, Compression, No Encryption
EC	No Authentication, Compression, Encryption
EE	No Authentication, No Compression, Encryption

991 - Authentication Key Name

Name of the key used for authentication; this name is mutually known to the security originator and the security recipient, is unique for this relationship, and is intended to allow the changing of the key from time to time Note: The special key name "0123456789ABCDEF" is reserved for the hexadecimal value 0123456789ABCDEF (i.e. a fixed non-secret value) to provide a well-known value for data integrity testing only)

TYPE=**AN** MIN=**1** MAX=**64**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

S3S **S4S**

TRANSACTION SETS USED IN

None

992 - Authentication Service Code

Code identifying authentication options

TYPE=**ID** MIN=**1** MAX=**1**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

S3S **S4S**

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
1	ANSI X9.9 Authentication, Binary Data
2	ANSI X9.9 Authentication, "Coded Character Set, Entire Message, No Editing" (Standard Value for X9.17 Authentication) *Standard value for ANSI X9.17 authentication, with the data element separator expressed as an asterisk and the segment terminator expressed as a linefeed character for the calculation of the message authentication code (MAC)*
3	MD4 Hash
4	MD5 Hash
5	SHA Hash
6	ANSI X9.71 Authentication
Z	Mutually Defined

993 - Encryption Key Name

Name of the key used for encryption; this name is mutually known to the security originator and the security recipient, is unique for this relationship, and is intended to allow the changing of the key from time to time. Note: If any of the optional fields are present, the Key Name should contain either "PUBLIC" if a public key is being used to encrypt the one-time key or the actual name of the asymmetric key-encrypting-key used to encrypt the one-time key.

TYPE=**AN** MIN=**1** MAX=**64**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN

C031

SEGMENTS USED IN (AS COMPONENT)

S3S S4S

TRANSACTION SETS USED IN

None

994 - Encryption Service Code

Codes specifying values representing options for encryption processing, including the use of compression and filtering; the code either defines the encryption mode and the transmission filter specification for filtering binary data into transmittable text or specifics that the following subelements define these values

TYPE=**ID** MIN=**1** MAX=**3**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN

C032

SEGMENTS USED IN (AS COMPONENT)

S3S S4S

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
20	ANSI X9.23 Cipher Block Chaining (CBC), No Filter (Binary Cipher Text)
21	ANSI X9.23 Cipher Block Chaining (CBC), Hexadecimal Filter
22	ANSI X9.23 Cipher Block Chaining (CBC), ASCII Filter
23	ANSI X9.23 Cipher Block Chaining (CBC), ASCII/BAUDOT Filter
2Z	ANSI X9.23 Cipher Block Chaining (CBC), Mutually Defined Filter
40	ANSI X9.23 CFB-8 (Cipher Feedback); No Filter (Binary Cipher Text)
41	ANSI X9.23 CFB-8 (Cipher Feedback), Hexadecimal Filter
42	ANSI X9.23 CFB-8 (Cipher Feedback), ASCII Filter
43	ANSI X9.23 CFB-8 (Cipher Feedback), BAUDOT Filter
4Z	ANSI X9.23 CFB-8 (Cipher Feedback), Mutually Defined Filter
AA	Parameters Defined Individually
ZZ	Mutually Defined

995 - Length of Data

Length of data is the number of character positions of the compressed or encrypted/filtered text; when data is plain text, this field shall be absent

TYPE=**N** MIN=**1** MAX=**18**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

CSC S3S S4S

TRANSACTION SETS USED IN

815

997 - Hash or Authentication Code

The message authentication code or hash/digest generated by the authentication process; when the Data Encryption Standard (DES) algorithm is used, the field consists of 4 hexadecimal coded characters (i.e., characters from the set 0..9, A..F), a separator character (space, "-", or other), and 4 hexadecimally coded characters; when non-DES hashes are used, the result of the hash is expressed as hexadecimally coded characters without spaces; when authentication or hash is not used, this field should be filled with a non-blankcharacter other than the set (0..9, A..F) for the minimum length

TYPE=**AN** MIN=**1** MAX=**64**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

S3E S4E

TRANSACTION SETS USED IN

None

998 - Delayed Repayment Qualifier Code

Code indicating type of delayed repayment TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
DEF

TRANSACTION SETS USED IN
135 191

CODE	DEFINITION & EXPLANATION
1	Deferment
2	Forbearance
3	Postponement

999 - Scope of Power of Attorney Identification Code

Code identifying the scope of a power of attorney TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
SPY

TRANSACTION SETS USED IN
157

CODE	DEFINITION & EXPLANATION
AC	Administrative Code Section
AL	All Matters Between This Principal and This Entity
AU	Audits
ES	Employment Status Reports
FG	Form Group
FN	Form Number
TA	Tax Assessments
UC	Unemployment Insurance Claim
UH	Unemployment Insurance Hearings
UT	Unemployment Insurance Tax Reports
WR	Wage Reports
WW	Wage Withholding

1000 - Service Characteristics Qualifier

Code from an industry code list qualifying the type of service characteristics

TYPE=**AN** MIN=**2** MAX=**3**

Code Sources

46 480

SEGMENTS USED IN (AS SIMPLE)

ADV SI

TRANSACTION SETS USED IN

100 187 206 267 272 811 832 836 840 843 850 855 860 865

1002 - Car Hire Detail/Summary Code

Code identifying the car hire settlement transaction type TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CTC

TRANSACTION SETS USED IN
414

CODE	DEFINITION & EXPLANATION
1	Detail Cycle Reporting
2	File/Ground Summary (without detail)
9	Summary

1003 - Account Type Code

Code identifying type of car hire allowance or recovery

TYPE=ID MIN=2 MAX=2

Code Sources

144

SEGMENTS USED IN (AS SIMPLE)

CTC

TRANSACTION SETS USED IN

414

1004 - Percent Qualifier

Code specifying the percent qualifier TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)

CSH GA GRI M1 PAM PCT

TRANSACTION SETS USED IN

103 104 105 112 113 124 132 133 148 149 152 153 154 155 159 175 176 179 185 187 194 196 197 199
201 202 205 251 259 260 261 262 263 266 267 268 271 272 273 285 304 310 362 404 410 417 422 426
501 503 521 540 561 650 806 810 811 812 820 830 832 838 839 840 843 846 850 851 855 858 859 860
865 872 887

CODE	DEFINITION & EXPLANATION
1	Lease Rate Factor
2	Early Termination Rate
3	Renewal Rate
4	Renewal Rate Cap
5	One Family
6	2-4 Family
7	Multifamily
8	Commercial
9	Other
A	Non-recoverable Depreciation
B	Recoverable Depreciation
C	Depreciation
D	Overhead on Recoverable Depreciation
E	Profit on Recoverable Depreciation
F	Overhead
G	Net Sales to Fixed Assets Ratio
H	Total Liabilities to Total Assets Ratio
J	Discount
K	Non-current Assets to Net Worth
L	Non-current Assets to Total Assets
M	Miscellaneous Ownership Percentage
N	Net Profit Payment Ownership Percentage
O	Overriding Royalty Payment Ownership Percentage
P	Production Payment Ownership Percentage
Q	Percent Relative to Industry Average
R	Royalty Ownership Percentage
S	Special Overriding Royalty Ownership Percentage
T	Tax Ownership Percentage
U	Sales to Current Assets
V	Working Capital to Sales
W	Working Ownership Percentage

X Purchase Ownership Percentage
Y Percent Relative to National Average
01 Guaranteed Interest Rate
02 Locked Interest Rate
03 Creditors to Sales Costs
04 Interest Payable to Sales
05 Target Fee or Profit
The negotiated contract fee or profit applicable to one defined contract effort
06 Current Schedule Variance
The percent difference between the budgeted cost for work performed and the budgeted cost for work scheduled
07 Current Cost Variance
The percent difference between the budgeted cost for work performed and actual cost of work performed
08 Cumulative Schedule Variance
The cumulative percent difference between the budgeted cost for work performed and the budgeted cost for work scheduled
09 Cumulative Cost Variance
The cumulative percent difference between the budgeted cost for work performed and actual cost of work performed
10 Complete
The percent of work completed for a given activity, task, or event
11 Remaining
The percent of remaining work for a given activity, task, or event
12 Vacant
13 Owner Occupancy
14 Availability Factor
A resource availability percentage
15 Efficiency Factor
16 Scrap or Rework Yield
17 Physical (Percent) Completed
A percent measure of the actual work completed versus the passage of time
18 Percent of Value
19 Premium Rate
20 Loan-to-Value Balance Remaining
21 Annual Demand Quantity Weighting Factor
22 Annual Demand Value Weighting Factor
23 Essentiality Weighting Factor
24 Procurement Lead-time Weighting Factor
25 Months To Procurement Weighting Factor
26 Annual Demand Frequency Weighting Factor
27 Tenant Occupancy
28 Occupancy Rate
29 Working Capital Need to Sales
Working Capital divided by Sales times 360
30 Active Contracts Delinquent-Contractor Caused

31 Active Contracts Delinquent-All Causes
32 Active Line Items Delinquent-Contractor Caused
33 Active Line Items Delinquent-All Causes
34 Contracts Completed Delinquent-Contractor Caused
35 Contracts Completed Delinquent-All Causes
36 Line Items Completed Delinquent-Contractor Caused
37 Line Items Completed Delinquent-All Causes
38 Delinquent Active Line Items in the Aging Population
39 Liquid Assets to Sales
40 Participation
41 Servicing Fee
42 Percentage of Original Loan Amount
43 Percentage of Principal Balance
44 Percentage of Principal and Interest Payment
45 Percentage of Total Mortgage Payment
46 Guarantee Fee Per Contract
47 Guarantee Fee After Alternate Payment Method
48 Guarantee Fee After Buyup or Buydown
49 Buyup or Buydown Rate per Basis Point
50 Security Margin
51 Insurance Coverage
52 Guarantee Amount
53 Participation Retained or Owned
54 Inventory to Cost of Goods Sold
55 Net Profit Margin
Net Profit after Tax divided by Sales
56 Financial Expenses to Sales
57 Return on Value Added
Total income minus raw materials and services divided by Net Sales
58 Employee Costs to Value Added
Employee Costs divided by result of total income minus raw materials and services
59 Basement Finished
60 Late Charge Rate
62 Total Assets to Total Liability
65 Indebtedness
66 Liquid Ratio
Liquid Assets (readily converted to cash) divided by current Liabilities expressed as a percentage
67 Net Worth to Total Assets
68 Subcontracted
69 Percent of Points Paid by Borrower
70 Percent of Points Paid by Seller
71 Percent of Points Paid by Other
72 Cooperative

73 Markup

76 Sales per Employee
Net Annual Sales divided by Employees

77 Sales to Net Working Capital
Net Sales divided by Net Working Capital

78 Tax Percentage Factor

79 Total Liability to Net Worth
Total Liabilities divided by Net Worth

80 Percentage of Time

81 Predominant Occupancy Vacant

82 Asset to Sales
Total Assets divided by Net Annual Sales

83 Capital per Employee
Capital divided by employees

84 Cash Sales

85 Collection Period (Days)
Average number of days to collect payments (Accounts Receivable divided by Sales times 365)

86 Costs per Employee
Costs divided by employees

87 Accounts Payable (Creditors) to Sales
Accounts Payable divided by Net Annual Sales

88 Current Liabilities to Net Worth
Current Liabilities divided by Net Worth

89 Current Liabilities to Inventory (Stock)
Current Liabilities divided by Inventory

90 Current Ratio
Current Assets divided by Current Liabilities

91 Fixed Assets to Net Worth
Fixed Assets divided by Net Worth

92 Inventory (Stock) Turnover
Net Annual Sales divided by Inventory

93 Profit per Employee
Net Profit After Taxes divided by Employees

94 Quick Ratio (Acid Test)
Cash plus Accounts Receivable divided by Current Liabilities

95 Retainage Required for Project

96 Return on Assets
Net Profit After Taxes divided by Total Assets

97 Return on Sales (Profit Margin)
Net Profit After Taxes divided by Net Annual Sales

98 Return on Capital
Net Profit After Taxes divided by Capital

99 Shareholders' Return (Return on Net Worth)
Net Profit After Taxes divided by Net Worth

A1 Endorsement Coverage Percentage

A2 Endorsement Deductible Percentage

AB Contracts Obtained by Negotiation
AC Cost Plus Basis
AD Lump Sum Payments
AE Purchases on Letter of Credit
AF Purchases on Floor Plan
AG Change in Sales
AH Change in Profit
AI Damage
AJ Interest on Liabilities
Paid finance costs divided by total debt
AK Risk Margin
Return on total assets divided by interest on liabilities
AL Liability Ratio
Total of short and long term liabilities plus 30% of untaxed reserves divided by net worth
AM Interest Cover
Paid finance costs divided by total income
AN Annual Limit
AP Allocation
AQ Ordinance Percentage
AR Accounts Receivable Turnover
AS Annual Interest
AT Apartments
AU Minimum Purchase Liability
AV Assessment Ratio
The ratio of the assessed value to market value
AY Annual Yield
AZ Students Enrolled in Postsecondary Programs
BA All Shares of Stock Owned
BB Class of Stock Owned
BC Voting Shares Issued
BD Property in County
BE Property in State
BF Apportionment
BG Bid Guarantee
BH Ownership
BI Fixed Assets to Total Assets
BJ Inventory to Total Assets
BK Accounts Receivable to Total Assets
BL Industry Probability of Distress
BM Inventory Financing
Inventory divided by Working Capital
BP Total Base Period Wages
BS Business Portion
BT Betterment Percentage

BU Built-up
Percentage of improved area of all building types

CA Contribution

CB Commission

CD Contents Deductible Percentage

CH Change

CJ Charge

CN Condominium

CO Corporate

CP Contract to Lease

CR Contractor Share Ratio

CS Customer Share Ratio

CU Capacity Used

CV Current Bad Debt Provision
Percent of Receivables held as a provision for bad debts in the current period

DF Decrement Factor

DY Per Day Limit

EA Estimate Accuracy

EF Escalation Factor

EG Actual Direct Federal Support

EH Actual Direct Non-Federal Support

EI Estimated Direct Federal Support

EJ Estimated Direct Non-Federal Support

EK Federal

EL Federal Allocation

EM Fixed Federal

EN Minimum

EO Non-Federal

EP Expense Percentage

EQ Non-Federal Allocation

ER Prime Interest Rate

ES Inflation

ET Probability of Distress
The probability that an entity will experience financial distress in the future expressed as percentage

FT Fault Isolation Time

FV Forecasted Vacancy and Collection Loss

GA Gross Adjustment

GR Guaranteed Replacement Cost - Endorsement Percentage

IA Intersell

IN Industrial

KA Variation in Quantity Over
The percent over a stated quantity in an order or line item on a contract, which the buyer agrees to accept and pay for, if delivered in an acceptable condition

KB Variation in Quantity Under
The percent under a stated quantity in an order or line item on a contract, which will constitute an acceptable performance, if less than the stated quantity delivered

LM Limit

MA Maximum Allowable Withholding from Disposable Income

MN Monthly Limit

MS Market Share

MX Maximum Owned by Small Shareholders

NA Net Adjustment

NH New Homes

OC Overall Capitalization Rate

OF Offtake
The percentage of production actually taken by an interest holder

OH Outside Hours
Percent of (labor) hours related to outside suppliers

OP Option Percentage

PA Lease Production

PB Previous Bad Debt Provision
Percent of Receivables held as a provision for bad debts in the previous period

PC Primary Coverage

PD Paid in Capital

PF Per Person Deductible

PH Per Occurrence Deductible

PM Per Person Monthly Limit

PN Per Occurrence Monthly Limit

PP Per Person Limit

PR Per Occurrence Limit

PT Previous Participation

PV Percent of Value of Real Estate Taxes

PW Percent of Funding

Q1 Percent of Day Employed

Q2 Percent of Time Employed

Q3 Percent of Time Employed in This District

Q4 Percent of Time Spent in This Assignment

Q5 Percent of Time Spent as Administrator

RA Above Share

RB Below Share

RC Contractor Above Share

RD Contractor Below Share

RE Percent Removed

RF Fixed Fee Rate

RG Progress Payment Rate

RI Incentive Fee Rate

RL Progress Payment Liquidation Rate

RO Real Estate Owned and Foreclosures
RP Royalty
RQ Estimated
RR Alternate Progress Payment Liquidation Rate
RS Resale
SA Set Aside
SC Subcontracted Costs
Percent of costs related to subcontractors
SD Moisture Content
SE Protein Content
SF Percent Dockage
Percentage of Grain Filler
SG Test Weight
Test Weight of Grain
ST Percent from Stormwater
TA Change in Ordinary Income
TB Change in Taxable Income
TC Common Stock Reported
TD Earnings per Share
TE Equity to Deposit
TF Equity to Loan
TG Invested Capital
Fixed assets divided by (equity plus fixed liabilities) times 100
TH Loan to Deposit
TI Operates at Capacity
TJ Ordinary Profit to Sales
TK Payment Period
(Total accounts payable times 360) divided by (cost of goods sold and services)
TL Preferred Stock Reported
TM Previous Percent of Value
TN Return on Equity of Minority Interest
Net Profit after Taxes and Minority Interest divided by Total Equity
TP Tract
TQ Current Liabilities to Total Liabilities
TR Gross Profit Margin
TS Current Assets to Total Liabilities
TX Tax Rate
The tax rate expressed as a percentage
WI Working Interest
WK Per Week Limit
X1 Interest
X2 Percent of Day
X3 Percent of Week
X4 Percent of Year
XR Extended Replacement Cost - Endorsement Percentage

XT Asset Turnover
Net Annual Sales divided by Total Assets

ZZ Mutually Defined

Y1 Policy Premium

1005 - Hierarchical Structure Code

Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set

TYPE=**ID** MIN=**4** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

BHT BIG BSN BTR SPI

TRANSACTION SETS USED IN

111 148 175 176 179 194 248 251 262 270 271 274 276 277 278 286 650 805 810 811 816 832 837 838 840 841 843 847 850 856 857 860 863 865 897

CODE	DEFINITION & EXPLANATION
0001	Shipment, Order, Packaging, Item
0002	Shipment, Order, Item, Packaging
0003	Shipment, Packaging, Order, Item
0004	Shipment, Order, Item
0005	Financial Institution; Client or Party; Contract; Component; Account; Item; Coverage, Rider or Supplementary Benefit
0006	Financial Institution; Client or Party; Contract; Account; Coverage, Rider or Supplementary Benefit
0007	Information Source, Information Receiver, Subscriber, Dependent, Event, Services
0008	Shipment, Order, Tare, Pack
0009	Shipment, Order, Tare, Pack, Batch, Item
0010	Information Source, Information Receiver, Provider of Service, Subscriber, Dependent
0011	Information Receiver, Information Source, Provider of Service, Subscriber, Dependent
0012	Information Source, Provider of Service, Subscriber, Dependent
0013	Provider of Service, Information Source, Subscriber, Dependent
0014	Provider of Service, Information Source, Information Receiver, Subscriber, Dependent
0015	Information Receiver, Provider of Service, Subscriber, Dependent
0016	Provider of Service, Subscriber, Dependent
0017	Subscriber, Dependent
0018	Information Receiver, Subscriber, Dependent
0019	Information Source, Subscriber, Dependent
0020	Information Source, Information Receiver, Group Coverage Options, Subscriber, Dependent
0021	Information Source, Information Receiver, Group Coverage Options
0022	Information Source, Information Receiver, Subscriber, Dependent
0023	Information Receiver, Information Source, Subscriber, Dependent
0024	Information Source, Information Receiver, Provider, Group, Site of Service
0025	Information Source, Information Receiver, Group, Provider, Site of Service
0026	Information Source, Information Receiver, Site of Service, Provider, Group
0027	Information Source, Information Receiver, Provider, Site of Service, Group
0028	Information Source, Information Receiver, Group, Site of Service, Provider
0029	Information Source, Information Receiver, Site of Service, Group, Provider
0030	Subscriber, Patient

0031 Guarantor, Patient

0035 Address, Shipment, Order

0036 Address, Transaction Reference Number, Suffix, Serial Number
The hierarchical structure differentiates between information associated with transaction addressees, reference number, suffix designation of the transaction number, and serial number of material

0055 Supergroup, Group, Subgroup, Member

0056 Supergroup, subgroup, member, ancillary facility or department

0057 Supergroup, subgroup, member

0058 Group, member, ancillary facility or department

0059 Group, member

0060 Hospital, ancillary facility or department

0061 Health Industry Business Communications Council (HIBCC) Health Industry Number (HIN) database, facility record, location record

0062 Franchisor, franchisee

0063 Franchisee association, franchisee

0064 Company, Company

0065 Company, Operating Unit

0066 Operating Unit, Operating Unit

0067 Company, Property

0068 Company, Property Property, Property

0069 Operating Unit, Property

0070 Property, Property

0071 Company, Tradename

0072 Operating Unit, Tradename

0073 Property, Tradename

0074 Company, Operating Unit, Operating Unit, Operating Unit

0075 Operating Unit, Operating Unit, Operating Unit, Operating Unit

0076 Company, Operating Unit, Operating Unit, Property

0077 Tradename, Property

0078 Information Source, Information Receiver, Subscriber, Dependent, Provider of Service, Services

0079 Information Source, Information Receiver, Company/Corporation, Operating Unit

0080 Information Source, Employer, Patient

0081 Information Source, Patient

0082 Information Source, Employer, Subscriber, Dependent

0083 Information Source, Information Receiver, Subscriber, Dependent, Referring Provider, Provider of Service, Services

0084 Report, Site, Sample, Test

0085 Information Source, Information Receiver, Provider of Service, Patient

0200 Credential Action (AP), Company/Corporation (35), Quantity (R), Transportation Equipment (E), Fleet (FL), Jurisdiction (JU)

0201 Credential Action (AP), Company/Corporation (35), Transportation Equipment (E)

0202 Credential Action (AP), Company/Corporation (35), Quantity (R), Transportation Equipment (E), Jurisdiction (JU)

0203 Credential Action (AP), Company/Corporation (35), Quantity (R), Transportation Equipment (E)

0204 Report (RP), Jurisdiction (JU), Company/Corporation (35)

0205 Report (RP), Company/Corporation (35), Fleet (FL), Jurisdiction (JU), Transportation Equipment (E)

0206 Credential Action (AP), Company/Corporation (35), Jurisdiction (JU), Transportation Equipment (E)

0207 Credential Action (AP), Company/Corporation (35), Transportation Equipment (E), Component (F), Measurement (M), Jurisdiction (JU)

0208 Credential Action (AP), Company/Corporation (35), Cost Type (CT), Jurisdiction (JU)

0209 Credential Action (AP), Company/Corporation (35)

0210 Credential Action (AP)

0211 Reporting Agency, Claim Administrator, Insurer, Insured, Employer, Claimant, Payment

0212 Reporting Agency, Employer, Claimant

0213 Reporting Agency, Claim Administrator, Employer, Claimant

0214 Information Source, Information Receiver, Response Details

0400 Credential Action (AP), Company/Corporation (35), Quantity (R), Transportation Equipment (E), Fleet (FL), Jurisdiction (JU), Payment Detail (PY)

0401 Credential Action (AP), Company/Corporation (35), Transportation Equipment (E), Payment Detail (PY)

0402 Credential Action (AP), Company/Corporation (35), Quantity (R), Transportation Equipment (E), Jurisdiction (JU), Payment Detail (PY)

0403 Credential Action (AP), Company/Corporation (35), Quantity (R), Transportation Equipment (E), Payment Detail (PY)

0407 Credential Action (AP), Company/Corporation (35), Transportation Equipment (E), Component (F), Measurement (M), Jurisdiction (JU), Payment Detail (PY)

0450 Transport Load, Pallet, Mixed Module, Display Shipper, Case, Pack, Inner Pack, Each, Unit of Use
Top-down hierarchy identifies levels of the product. Only applicable product levels are communicated.

0451 Unit of Use, Each, Inner Pack, Pack, Case, Display Shipper, Mixed Module, Pallet, Transport Load
Bottom-up hierarchy identifies levels of the product. Only applicable product levels are communicated.

0452 No Hierarchical Structure

ZZZZ Mutually Defined

1006 - Account Description Code

Code identifying car hire payment as current, reclaim or miscellaneous items

TYPE=**ID** MIN=**1** MAX=**2**

Code Sources

140

SEGMENTS USED IN (AS SIMPLE)

CTC

TRANSACTION SETS USED IN

414

CODE	DEFINITION & EXPLANATION
1	Regular: Current (40 Day Limit)
2	Regular: First Adjustment (70 Day Limit)
3	Regular: Prior Adjustment (Claim Settlement)
6	Regular: Registration Adjustment
7	Reclaim: Initial Statement
8	Reclaim: Supplemental Statement
9	Reclaim: Counter Statement
AA	Alpha State Code SEE CODE SOURCE 140

1007 - Rate Source Code

Code identifying authority for payment

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

CHR

TRANSACTION SETS USED IN

414

CODE	DEFINITION & EXPLANATION
A	Agreed (Rated by Agreement)
C	Contract (Rated by Contractual Agreement)
T	Tariff (Rated by Published Tariff)
U	Universal Machine Language Equipment Register (Rated by UMLER database)

1008 - Case Type Code

Code identifying a type of court case

TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)

CDS CED

TRANSACTION SETS USED IN

105 154 155 175 176 186 200 252 267 521

CODE	DEFINITION & EXPLANATION
6	Magistrate
7	Bankruptcy Chapter 7
9	Bankruptcy Chapter 9
11	Bankruptcy Chapter 11
12	Bankruptcy Chapter 12
13	Bankruptcy Chapter 13
30	Bankruptcy Section 304
AA	Suspension of Payments *Type of Court Case where Company is barred from purchasing*
AB	Felony
AC	Misdemeanor
AG	Administrative Agency Appeal
AP	Bankruptcy Adversary Proceeding
AR	Cases for Other Courts
CR	Criminal
CV	Civil
DO	Domestic
FB	Foreign Bankruptcy *Bankruptcy occurring outside of the U.S.*
HS	Industrial Health and Safety
JV	Juvenile
LC	License
MS	Miscellaneous
MV	Motor Vehicle
NT	Non-Traffic
OT	Other Unlisted Case Type
PC	Private Complaint
SL	Student Aid
SR	Sealed Criminal
SV	Sealed Civil
TR	Traffic
XX	Cross Complaint
ZZ	Mutually Defined

1009 - Administration of Justice Organization Type Code

Code identifying a type of organization or entity involved in the administration of justice

TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
CDS

TRANSACTION SETS USED IN
105 154 155 175 176 186 200 252 267 521

CODE	DEFINITION & EXPLANATION
A	U.S. Circuit Court of Appeals
B	U.S. Bankruptcy Court
C	U.S. Claims Court
D	U.S. District Court
F	Federal Bureau of Investigation
I	International Trade Court
J	U.S. Attorney
M	U.S. Military Appeals Court
P	Probation
S	U.S. Supreme Court
T	U.S. Department of Transportation
U	U.S. Commissioner
V	U.S. Veteran's Appeals Court
X	Multi District Litigation Panel
AB	Atomic Safety and Licensing Board Panel (ASLBP)
AD	Administrative Court
AG	State Attorney General
AJ	Administrative Law Court
AL	Alderman's Court
AM	American Association of Motor Vehicle Administrators (AAMVA)
AS	Associate Court
CA	Court of Criminal Appeals
CB	Corporation Court
CH	Chancery Court
CI	Circuit Court
CL	County Court at Law
CM	Court of Claims
CN	Conciliation Court
CO	Common Claims Court
CP	Court of Common Pleas
CQ	Commission

CR Criminal Court
CS Constitutional County Court
CT County Court
CV Civil Court
CY City Court
DA District Attorney
DI District Court
DJ District Justice Court
DM State Department of Motor Vehicles
DO Domestic Court
DS District Judge System Court
FC Family Court
GS General Session Court
HO Housing Court
HP Highway Patrol
HU Hustings Court
IC Inferior Court
JC Justice Court
JP Justice of the Peace
JU Juvenile Court
LA Land Court
LE Law and Equity Court
M1 General Court Martial
M2 Special Court Martial
M3 Summary Court Martial
MA Magistrate Court
MC Magisterial Court
MP Military Police
MU Municipal Court
MY Mayor's Court
OR Orphan's Court
OT Other Unlisted Administration of Justice Organization Type
PC Parish Court
PK U.S. Park Police
PL Police
PO Police Court
PP Park Police
PR Probate Court
PS Prosecutor
SA State Appellate Court
SB State Bureau of Investigation
SC Small Claims Court
SD Appellate Division of Superior Court

SH Sheriff
SJ Special Justice Court
SO Single Presiding Officer
SP State Police
SR Surrogate Court
SS State Supreme Court
ST State Court
SU Superior Court
TA Tax Court
TB Tribal Court
TJ Trial Justice Court
TO Town Court
TR Traffic Court
WA Water Court
ZZ Mutually Defined

1010 - Cycle Month Hours

Identifies the accumulative hours within a month TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CYC

TRANSACTION SETS USED IN

414

1011 - Association of American Railroads (AAR) Pool Code

Code identifying a pool of equipment assigned to a specific shipper TYPE=ID MIN=7 MAX=7

Code Sources

142

SEGMENTS USED IN (AS SIMPLE)

APR BTC CYC SCR

TRANSACTION SETS USED IN

414 422 453 455

1012 - Administration of Justice Event Type Code

Code identifying the type of administration of justice event TYPE=ID MIN=1 MAX=3

SEGMENTS USED IN (AS SIMPLE)
CED

TRANSACTION SETS USED IN
154 155 175 176 186 252 267

CODE	DEFINITION & EXPLANATION
A	Appearance
C	Case Status
D	Disposition
H	Hearing
I	Incident
M	Marriage
N	Notice
O	Offense
P	Pleading *Court document requesting action*
S	Judge Sentence
W	Warrant
AC	Accident
AS	Asset Status
CL	Claim Status
DO	Document
OP	Opinion
OR	Order
OT	Other Unlisted Event Type
PA	Plea *Response offered to a specific charge or transaction*
PD	Payment
PE	Petition
PY	Party Status *Status of a participant in a court case*
SJ	Jury Sentence
SU	Summons
TR	Trial
ZZZ	Mutually Defined

1013 - Notice Type Code

Code identifying the type of court notice TYPE=ID MIN=1 MAX=3

SEGMENTS USED IN (AS SIMPLE)
CED

TRANSACTION SETS USED IN
154 155 175 176 186 252 267

CODE	DEFINITION & EXPLANATION
1	Case Information Statement
2	Sheriff Return of Service
3	Intent to File Pleading
4	Appearance
5	Opinion
25	Generic Dismissal of Bankruptcy Case
26	Order of Bifurcation and Dismissal of ɗint Bankruptcy
27	Generic Conversion, Refile Claims in New Case
28	Generic Conversion, Do Not Refile Claims in New Case
70	Trustee's Notice of Filing of Final Account
9A	Section 341 Notice, Chapter 7, Individual (ɗint), No Asset
9B	Section 341 Notice, Chapter 7, Corporation (Partnership), No Asset
9C	Section 341 Notice, Chapter 7, Individual (ɗint), Asset
9D	Section 341 Notice, Chapter 7, Corporation (Partnership), Asset
9E	Section 341 Notice, Chapter 11, Individual (ɗint)
9F	Section 341 Notice, Chapter 11, Corporation (Partnership)
9G	Section 341 Notice, Chapter 12, Individual (ɗint)
9H	Section 341 Notice, Chapter 12, Corporation (Partnership)
9I	Section 341 Notice, Chapter 13, Individual (ɗint)
AB	Proposed Abandonment
CJ	Consent ɯdgment *J udgment where all parties consent; one that is approved by the court and entered into public record (called Presence Decree in the U.K.)*
CP	Notice to Debtor and Debtor's Counsel to Commence Payments
DJ	Default ɯdgment *J udgment when defendant does not appear or file an answer (called Absence Decree in the U.K.)*
FJ	Foreign ɯdgment *J udgment entered by a court in a different state other than the one where a given suit is pending*
JC	ɯdgment Confession
JN	ɯdgment Note
SJ	Summary ɯdgment
YJ	Declaratory ɯdgment

101 New Claims Bar Date
11B Postconversion 341, Chapter 11, Business
11I Postconversion 341, Chapter 11, Individual
12B Postconversion 341, Chapter 12, Business
12I Postconversion 341, Chapter 12, Individual
12N Hardship Discharge of Chapter 12 Debtor, Plan Not Completed
12Y Discharge of Chapter 12 Debtor After Completion of Plan
13B Discharge of Chapter 13 Debtor in a Pre-11/5/90 Case
13I Postconversion 341, Chapter 13, Individual
13N Hardship Discharge of Chapter 13 Debtor, Plan Not Completed
13P Summary of Chapter 13 Plan
13Y Discharge of Chapter 13 Debtor After Completion of Plan
18J Discharge of Joint Chapter 7, Both Debtors Discharged
18O Discharge of Joint Chapter 7, One Debtor Discharged
23A Conversion of Chapter 13 to Chapter 7, by Debtor
23B Conversion Chapter 13 to Chapter 7, by Trustee (Creditor)
24B Dismissal of Chapter 13 Case
305 Order of Execution
306 Levy
308 Civil Action Hearing
309 Execution Sale
310 Recovery of Real Property Hearing
311 Order for Possession
315 Judgment
417 Warrant of Arrest
603 Summary Conviction
610 Guardian Notice to Represent Minor Party
611 Trial Summary Case
612 Hearing
616 Continuance
619 Fugitive
621 Conviction
623 Intent to Defend
625 Transfer
628 Bail Hearing
629 Preliminary Hearing
630 Preliminary Arraignment
631 Indigency Hearing
638 Withdrawal of Suspension
642 Determination of Property Claims
700 Disposition
701 Trustee Report of Surplus
7BA Postconversion 341, Chapter 7, Business, Asset

7IA Postconversion 341, Chapter 7, Individual, Asset
DEF Deficiency Notice
DIS Discharge of Debtor, Chapter 7 (11), Individual
DOT Order Approving Account, Discharging Trustee and Closing Estate
FAM Order of Dismissal for Failure to Appear at the Section 341 First Meeting of Creditors
FCL File Claims in Lead Case
FFS Order of Dismissal for Failure to Timely File Schedules
ITB Notice of Appointment of Interim Trustee and Approval of Blanket Bond
NOA Notice of Assets
OCP Order Confirming Plan
ODC Order Dismissing Case
OFR Order for Relief
POC Proof of Claim
SCH Notice of Deadline for Filing Schedules
ZZZ Mutually Defined

1014 - Car Type Group Code

Code identifying the car type for equalization; Group Code is the first character of the American Association of Railroads (AAR) Car Type Code, DE 301

TYPE=**ID** MIN=**1** MAX=**1**

Code Sources

141

SEGMENTS USED IN (AS SIMPLE)

CV

TRANSACTION SETS USED IN

414

1015 - Mileage Settlement Code

Code identifying the type of mileage settlement TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CV

TRANSACTION SETS USED IN
414

CODE	DEFINITION & EXPLANATION
1	Loaded or Empty Actual Operating Miles, Not Subject to Equalization, Pay Loaded and Empty
2	Loaded or Empty Actual Operating Miles, Subject to Equalization, Pay Loaded Only.
3	Loaded Short Route Miles, Empty Actual Miles, Not Subject to Equalization, Pay Loaded Only.
4	Loaded or Empty Actual Operating Miles, Not Subject to Equalization, Pay Loaded Only.
7	Revenue Billing Miles Not Paid, Not Subject to Equalization
9	Equalization Adjustments Only.

1016 - Penalty Code

Code identifying the type of penalty being assessed on foreign equipment

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

CV

TRANSACTION SETS USED IN

414

CODE	DEFINITION & EXPLANATION
0	0% (No Penalty- Current Reporting)
1	10% Trailer/Container
2	15% Freight Car/Rack
3	20% Trailer/Container
4	30% Freight Car/Rack
5	0% (No Penalty- Prior Reporting)

1017 - Claim Type Code

Code identifying the basis and type of a legal claim TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
BBC CHB

TRANSACTION SETS USED IN
153 155 176

CODE	DEFINITION & EXPLANATION
A	Allowed Claim
B	Protested Draft *Claim placed when a draft has not been paid*
C	Combined Wage Claim
D	Pre-protested Bill *Claim placed when payment not made to bank*
I	Interstate
P	Prepetition Charges
R	Regular
T	Total Claim
U	Unsecured Nonpriority Claim
AL	Agricultural Lien
AR	Arrearage
BG	Basis of Claim: Goods Sold
BM	Basis of Claim: Money Loaned
BO	Other Basis of Claim
BP	Basis of Claim: Personal Injury
BR	Basis of Claim: Retiree Benefits per 11 USC
BS	Basis of Claim: Services Performed
BT	Basis of Claim: Taxes
BW	Basis of Claim: Wages
CH	Charge
CM	Chattel Mortgage *Claim type when a bank loan is protected by tangible property other than real estate*
DA	Disaster Unemployment Assistance
DB	Debenture
EB	Extended Benefits
EU	Emergency Unemployment Compensation
GC	General Charge
HL	Attachment Lien
JL	Judgment Lien *Lien filed when judgment is entered in conjunction with a suit against personal property of defendant*
MG	Mortgage

ML Mechanics Lien
Type of lien against clients' building and real estate by contractors, etc. to ensure payment
NF North American Free Trade Agreement Affected Unemployment Insurance
OL Other Lien
OP Official Promise
PA Unsecured Priority Claim: Alimony and Support
PB Unsecured Priority Claim: Employee Benefits
PC Unsecured Priority Claim: Commitments to Maintain Capital
PD Unsecured Priority Claim: Deposits
PE Unsecured Priority Claim: Extensions of Credit
PF Unsecured Priority Claim: Farmers or Fishermen
PK Protested Check
PO Other Unsecured Priority Claim
PP Personal Property Lien
PT Unsecured Priority Claim: Taxes
PW Unsecured Priority Claim: Wages
PZ Protested Bill
SM Secured Claim: Motor Vehicle
SO Other Secured Claim
SR Secured Claim: Real Estate
SS Social Security Claim
TC Treasury Claim
TL Tax Lien
Type of lien filed by government agencies against taxpayer property when taxes are not paid
TR Trade Affected Unemployment Insurance
TX Extended Trade Affected Unemployment Insurance
VT Value Added Tax (VAT)
WP Warrant Pledging

1018 - Exponent

Power to which a unit is raised

TYPE=**R** MIN=**1** MAX=**15**

COMPOSITE DATA STRUCTURES USED IN

C001

SEGMENTS USED IN (AS COMPONENT)

BCS ATV ATR CBS CFT CRT CSF CSS CST CSU CTB CTP EA FAA GDP III INC JID K3 LOC LTR MEA MIC MIR N12 NCA OPS PAM PD PDE PEX PL POC PRC PSC PSD PTF QTY RCD REA REC RLT RPA SII SIN SLN SPS STA TIA TRD TRF TRT UCS UIT USD

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 130 131 132 133 135 138 139 140 141 142 143 148 149 150 151 152 153 154 155 159 160 175 176 179 180 185 186 187 188 189 194 195 196 197 198 199 200 201 202 203 204 205 206 215 219 220 228 242 245 249 251 252 255 256 259 260 261 262 263 264 265 266 267 268 270 271 272 273 274 277 280 283 284 285 286 288 290 300 301 304 310 312 325 353 355 362 404 410 412 417 422 423 424 426 432 436 470 500 501 503 511 517 521 527 536 540 561 568 603 620 625 650 754 805 806 810 811 813 814 816 819 820 821 822 823 824 826 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 855 856 857 858 859 860 861 862 863 865 866 867 868 869 870 872 873 874 875 876 878 880 881 883 884 886 887 888 889 890 892 894 897 940 945 996

1019 - Invoice Type Code

Code specifying the method by which invoices are to be processed TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

BEG

TRANSACTION SETS USED IN

850

CODE	DEFINITION & EXPLANATION
IBM	Invoice By Mail
IEL	Invoice Electronically
INR	Invoice Not Required (Such As Evaluated Receipts Settlements)

1020 - Sampling Sequence Qualifier

Code indicating the circumstances under which the special sampling sequence is to be initiated

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CSS

TRANSACTION SETS USED IN

841

CODE	DEFINITION & EXPLANATION
GC	Grade Change *A change of process settings or raw-materials, mix made without shutting down the process or machine, with the objective of manufacturing a different product*
SU	Process Start-up *The initiation of a process or machine for the purpose of product manufacturing, process monitoring, or testing*
UP	Process Upset *An unexpected interruption of the normal operation of a machine or process, such as might be caused by a short power outage*

1021 - Sampling Sequence Value

A value identifying a unit to be sampled, according to its position in a prescribed sequence

TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CSS

TRANSACTION SETS USED IN

841

1023 - Hazard Zone Code

Code specifying the Department of Transportation assigned zone designating the Inhalation Toxicity Hazard Zone

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

LFH

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 435 856 858 940

CODE	DEFINITION & EXPLANATION
A	Hazard Zone A
B	Hazard Zone B
C	Hazard Zone C
D	Hazard Zone D

1024 - Number of Tank Compartments

Number of compartments in a TankTrailer TYPE=**N0** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

N7B

TRANSACTION SETS USED IN

204 219 220

1025 - Loading or Discharge Location Code

Code indicating the location of the loading or discharge line connection used for loading or unloading product from a trailer or container

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

N7B

TRANSACTION SETS USED IN

204 219 220

CODE	DEFINITION & EXPLANATION
B	Bottom
C	Center
R	Rear

1026 - Vessel Material Code

Code indicating the material that is used in construction of the cargo tank vessel

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

N7B

TRANSACTION SETS USED IN

204 219 220

CODE	DEFINITION & EXPLANATION
999	Other Material
ALU	Aluminum
CST	Carbon Steel
FBG	Fiberglass
NIK	Nickel
SST	Stainless Steel
TTN	Titanium

1028 - Claim Submitter's Identifier

Identifier used to track a claim from creation by the health care provider through payment

TYPE=**AN** MIN=**1** MAX=**38**

SEGMENTS USED IN (AS SIMPLE)

CLM CLP

TRANSACTION SETS USED IN

269 835 837

1029 - Claim Status Code

Code identifying the status of an entire claim as assigned by the payer, claim review organization or repricing organization

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CHB CLM CLP CRI PCS

TRANSACTION SETS USED IN

141 148 153 269 835 837

CODE	DEFINITION & EXPLANATION
1	Processed as Primary
2	Processed as Secondary
3	Processed as Tertiary
4	Denied
5	Pended
6	Approved as amended
7	Approved as submitted
8	Cancelled due to inactivity
9	Pending - under investigation
I	Initial
10	Received, but not in process
11	Rejected, duplicate claim
12	Rejected, please resubmit with corrections
13	Suspended
14	Suspended - incomplete claim
15	Suspended - investigation with field
16	Suspended - return with material
17	Suspended - review pending
18	Suspended Product Registration
19	Processed as Primary, Forwarded to Additional Payer(s)
20	Processed as Secondary, Forwarded to Additional Payer(s)
21	Processed as Tertiary, Forwarded to Additional Payer(s)
22	Reversal of Previous Payment
23	Not Our Claim, Forwarded to Additional Payer(s)
24	Transferred to Proper Carrier *The claim has been transferred to the proper carrier for processing; claim is not covered by this carrier*
25	Predetermination Pricing Only - No Payment
26	Documentation Claim - No Payment Associated
27	Reviewed
28	Repriced
29	Audited
30	Processed as Conditional

31 Not Our Claim, Unable to Forward
32 Reversal of Previous Payment for Primary Claim
33 Reversal of Previous Payment for Secondary Claim
34 Reversal of Previous Payment of Tertiary Claim
35 Patient/Subscriber Not Recognized
AD Additional
AP Appealed
CC Weekly Certification
CL Closed
CP Open
RA Reaudited
RB Reissue
RC Reopened and Closed
RD Redetermination
RO Reopened

1030 - Gasket Type Code

Code indicating the type of gaskets (used in the trailer valves and hoses) that are required to load or unload the product

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

N7B

TRANSACTION SETS USED IN

204 219 220

CODE	DEFINITION & EXPLANATION
999	Other Gasket Type
ASB	Asbestos
BUN	Buna
BUT	Butyl Rubber
EPD	Ethylene Propylene (EPDM)
FDA	FDA White-Food Grade
HYP	Hypolon
KAL	Kalrez
LEA	Leather
NAT	Natural Rubber
NEO	Neoprene
SAN	Santoprene
TEF	Teflon
VIT	Viton

1031 - Trailer Lining Type Code

Code indicating the type of trailer (vessel) lining required by the product TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
N7B

TRANSACTION SETS USED IN
204 219 220

CODE	DEFINITION & EXPLANATION
999	Other Trailer Lining Type
BUT	Butyl Rubber
CER	Ceramic
CHL	Chlorinated Polyethylene Elastomer
DER	Derekane
HAL	Halar
HER	Heresite
KYN	Kynar
NAT	Natural Rubber
NIC	Nickel Cladding
POL	Polypropylene
TEF	Teflon
VIT	Viton

1032 - Claim Filing Indicator Code

Code identifying type of claim TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
CLM CLP CRI DFI OI SBR

TRANSACTION SETS USED IN
148 206 259 260 264 269 276 277 835 837

CODE	DEFINITION & EXPLANATION
01	Property Conveyance *Mortgagee obtains property through foreclosure or by deed-in-lieu after default*
02	Mortgage Assignment *Mortgagee assigns mortgage in default to mortgage insurer*
03	Automatic Mortgage Assignment *Certain insured mortgages not in default assigned to mortgage insurer after 20 years*
04	Mortgage Coinsurance *Mortgagee acquires property after default and sells; loss on sale is shared by mortgage insurer and mortgagee*
05	Supplemental Claim *Amendment to application made when additional amounts are owed or due*
06	Property Nonconveyance (Claim without Conveyance of Title) *Property is not conveyed by the mortgagee, but may be sold to a third party at the foreclosure sale*
07	Property Preforeclosure Sale *Property sold by mortgagor to avoid foreclosure; mortgagee can file a claim for the difference between net sale proceeds and indebtedness*
08	Initial Claim *First claim filed by the insured for mortgage insurance benefits*
09	Self-pay
10	Central Certification
11	Other Non-Federal Programs
12	Preferred Provider Organization (PPO)
13	Point of Service (POS)
14	Exclusive Provider Organization (EPO)
15	Indemnity Insurance
16	Health Maintenance Organization (HMO) Medicare Risk
17	Dental Maintenance Organization
18	Deed-in-Lieu Property Sold
19	Deed-in-Lieu Property Not Sold
20	Foreclosure Complete Property Sold
21	Foreclosure Complete Property Not Sold
22	Liability Insurance
31	Special Forbearance
32	Loan Modifications

33 Partial Claim
34 Managed Dental
AM Automobile Medical
BL Blue Cross/Blue Shield
CH TRICARE
CI Commercial Insurance Co.
CN Contractual
DS Disability
FI Federal Employees Program
HM Health Maintenance Organization
LI Liability
LM Liability Medical
MA Medicare Part A
MB Medicare Part B
MC Medicaid
MD Medicare Part D
ME Medicare Advantage Plan
MH Managed Care Non-HMO
OF Other Federal Program
SA Self-administered Group
TV Title V
UK Unknown
VA Veterans Affairs Plan
WB Workers' Compensation First Report of Injury
WC Workers' Compensation Health Claim
WD Workers' Compensation Subsequent Report of Injury
WE Workers' Compensation Combined First and Subsequent Report
ZZ Mutually Defined

1034 - Claim Adjustment Reason Code

Code identifying the detailed reason the adjustment was made TYPE=ID MIN=1 MAX=5

Code Sources

139

COMPOSITE DATA STRUCTURES USED IN

C058

SEGMENTS USED IN (AS COMPONENT)

RAS

SEGMENTS USED IN (AS SIMPLE)

CAS

TRANSACTION SETS USED IN

835 837

1035 - Name Last or Organization Name

Individual last name or organizational name TYPE=**AN** MIN=**1** MAX=**80**

SEGMENTS USED IN (AS SIMPLE)

CER DET NM1 RYL TXI

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 132 133 140 142 148 153 154 155 157 161 175 176 179 186 187 194 197 198 199 201 202 205 215 228 240 244 245 248 252 255 256 260 261 262 263 266 267 268 269 270 271 272 273 274 275 276 277 278 283 284 285 286 309 350 355 358 359 418 424 500 521 540 650 806 810 811 812 814 818 820 821 823 824 827 828 830 832 834 835 837 850 851 855 857 858 860 861 863 865 872 890 894 895 897

1036 - Name First

Individual first name

TYPE=**AN** MIN=**1** MAX=**35**

SEGMENTS USED IN (AS SIMPLE)

NM1

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 132 133 148 153 154 155 157 161 175 176 179 186 187 194 197 198 199 201 202 205 228 240 244 245 248 252 255 256 260 261 262 266 267 268 269 270 271 272 273 274 275 276 277 278 283 284 285 286 309 350 355 358 359 418 424 500 521 540 650 806 811 814 818 820 821 823 824 827 828 830 834 835 837 858 861 863 872 890

1037 - Name Middle

Individual middle name or initial TYPE=**AN** MIN=**1** MAX=**25**

SEGMENTS USED IN (AS SIMPLE)

NM1

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 132 133 148 153 154 155 157 161 175 176 179 186 187 194 197 198 199 201 202 205 228 240 244 245 248 252 255 256 260 261 262 266 267 268 269 270 271 272 273 274 275 276 277 278 283 284 285 286 309 350 355 358 359 418 424 500 521 540 650 806 811 814 818 820 821 823 824 827 828 830 834 835 837 858 861 863 872 890

1038 - Name Prefix

Prefix to individual name

TYPE=**AN** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

NM1

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 132 133 148 153 154 155 157 161 175 176 179 186 187 194 197 198 199 201 202 205 228 240 244 245 248 252 255 256 260 261 262 266 267 268 269 270 271 272 273 274 275 276 277 278 283 284 285 286 309 350 355 358 359 418 424 500 521 540 650 806 811 814 818 820 821 823 824 827 828 830 834 835 837 858 861 863 872 890

1039 - Name Suffix

Suffix to individual name

TYPE=**AN** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

NM1

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 132 133 148 153 154 155 157 161 175 176 179 186 187 194 197 198 199 201 202 205 228 240 244 245 248 252 255 256 260 261 262 266 267 268 269 270 271 272 273 274 275 276 277 278 283 284 285 286 309 350 355 358 359 418 424 500 521 540 650 806 811 814 818 820 821 823 824 827 828 830 834 835 837 858 861 863 872 890

1041 - Sequence Value

A sequence number assigned to a unit within an order TYPE=**R** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

OQS

TRANSACTION SETS USED IN

866

1042 - Load or Device Code

Code identifying the device required to load or unload product TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
N7A

TRANSACTION SETS USED IN
204 219 220

CODE	DEFINITION & EXPLANATION
AC	Air Compressor
BL	Blower
BS	Blower, Stainless Steel
PS	Pump, Stainless Steel
PU	Pump

1043 - Diameter

Diameter of the object

TYPE=**R** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

N7A

TRANSACTION SETS USED IN

204 219 220

1044 - Hose Type Code

Code identifying the type of hose required for loading or unloading the product

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

N7A

TRANSACTION SETS USED IN

204 219 220

CODE	DEFINITION & EXPLANATION
AAM	Anhydrous Ammonia
ACD	Acid
CEM	Cement Discharge
CRO	Cross Link Polyethylene (Chemical-Solvent)
FDA	FDA Tube (Food Grade)
GAL	Galvanized Steel (Hot Asphalt and Tar)
HOT	Hot Air Blower
LIQ	Liquid Propane Gas
NIR	Nitrile Tube (Petroleum)
NIT	Nitrile Tube (Hot Asphalt and Tar)
PUR	Pure Gum Tube (Food Grade, Dry Bulk)
SST	Stainless Steel
TEF	Teflon (Fluorocarbon)
VIT	Viton (Fluoroelastomer)

1045 - Inlet or Outlet Material Type Code

Code indicating the type of material used in the construction of the inlet or outlet

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

N7A

TRANSACTION SETS USED IN

204 219 220

CODE	DEFINITION & EXPLANATION
AL	Aluminum
BR	Brass
IR	Iron
NS	Steel, Nonstainless
SS	Stainless Steel

1046 - Inlet or Outlet Fitting Type Code

Code indicating the type of fitting required to make the connection of the inlet or outlet

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

N7A

TRANSACTION SETS USED IN

204 219 220

CODE	DEFINITION & EXPLANATION
AC	Four Bolt Flange
DF	Dry Disconnect, Female *A fitting which has a hand-actuated shut-off valve that, when closed, prevents spillage of any residual product in the line; this female fitting is mated to a male dry disconnect fitting on the loading or unloading hose, and the two are locked together by hand, using cam mechanisms on the fittings; commonly used with gasoline loads*
DM	Dry Disconnect, Male *A fitting which has a hand-actuated shut-off valve that, when closed, prevents spillage of any residual product in the line; this male fitting is mated to a female dry disconnect fitting on the loading or unloading hose, and the two are locked together by hand, using cam mechanisms on the fittings; commonly used with gasoline loads*
QF	Quick-Fit (Camlock), Female
QM	Quick-Fit (Camlock), Male
TH	Threaded, Female
TM	Threaded, Male

1047 - Miscellaneous Equipment Code

Code indicating the miscellaneous equipment required to load or unload a product

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

N7A

TRANSACTION SETS USED IN

204 219 220

CODE	DEFINITION & EXPLANATION
AD	Aerator (Dry Bulk) *An internal device used to aerate a dry bulk product inside the trailer; aerating dry bulk product flow facilitates the unloading process*
AF	Air Filter *A small in-line device that prefilters compressor air prior to tank pressurization*
AI	Air Dryer
CY	Cyclone
DB	Dry Bulk Filter
DR	Dry Brake Valve
ME	Meter
ND	Nozzle, Drumming
NO	Nozzle, Boxing
PR	Pressure and/or Vacuum Valve
SC	Self Contained Breathing Apparatus (SCBA)
SE	Service Truck
VI	Vibrator (Dry Bulk)

1048 - Business Function Code

Code identifying the business reason for this payment TYPE=ID MIN=1 MAX=3

SEGMENTS USED IN (AS SIMPLE)
BPR

TRANSACTION SETS USED IN
103 521 813 820 823 835

CODE	DEFINITION & EXPLANATION
COL	Collection, Receipts
CON	Consumer Third Party Consolidated Payment
DBT	Debt Collection Payment
PCS	Payment of Child Support
PEN	Pension Payment
PRL	Payroll Payment
RYL	Royalty Payment
TAX	Tax Payment
TPP	Third Party Tax Payment
VEN	Vendor Payment

1049 - Tax Payment Type Code

Code identifying type of tax being paid

TYPE=**ID** MIN=**1** MAX=**5**

Code Sources

153

SEGMENTS USED IN (AS SIMPLE)

TPP TXP

TRANSACTION SETS USED IN

820 823

1050 - Taxpayer Verification

The taxpayer verification field may be used by the receiver to verify the taxpayer's identity

TYPE=**AN** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

TXP

TRANSACTION SETS USED IN

820 823

1051 - Tax Amount

Amount of tax

TYPE=**N2** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

TPP TXP

TRANSACTION SETS USED IN

820 823

1053 - Market Exchange Identifier Code

Code identifying the market upon which the commodity exchange is based

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CPR

TRANSACTION SETS USED IN

843

CODE	DEFINITION & EXPLANATION
LX1	London (England) Exchange - First Closing
LX2	London (England) Exchange - Second Closing

1054 - Commodity Identification Code

Code identifying the commodity TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
CPR

TRANSACTION SETS USED IN
843

CODE	DEFINITION & EXPLANATION
AG	Silver
AU	Gold
PT	Platinum

1056 - Vehicle Production Status

Status of a vehicle in production

TYPE=**AN** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BVP

TRANSACTION SETS USED IN

120

1062 - Vehicle Service Code

Code identifying service performed on an in-transit motor vehicle TYPE=**ID** MIN=**2** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)
BVA BVP BVS RT

TRANSACTION SETS USED IN
120 121 126 129

CODE	DEFINITION & EXPLANATION
AF	Add Fuel
BK	Booking
CB	Charge Battery
CC	Communications Charge
CL	Clearance
CS	Interior Cleaning
DP	Dealer Pickup
LD	Loading
LS	Property Lease
MM	Miscellaneous
PH	Paper Handling
PL	Placarding
RL	Releasing
RP	Replace Placards
RS	Remote Storage
SH	Shuttle Within Yard
SW	Rail Switching
UL	Unloading
WH	Wharfage *Staging of vehicles on pier prior to vessel loading or after vessel discharge*
WW	Wash and Wax

1065 - Entity Type Qualifier

Code identifying the type of entity

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

IN1 INI NM1

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 130 132 133 135 138 146 147 148 153 154 155 157 161 175 176 179 186 187 189 191 194 197 198 199 200 201 202 205 206 228 240 244 245 248 252 255 256 260 261 262 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 309 350 355 358 359 418 424 500 521 540 650 806 811 814 818 820 821 823 824 827 828 830 833 834 835 837 858 861 863 872 890

CODE	DEFINITION & EXPLANATION
1	Person
2	Non-Person Entity
3	Unknown
4	Corporation
5	Trust
6	Organization
7	Limited Liability Corporation
8	Partnership
9	S Corporation
A	Federally Chartered Financial Institution
B	State Chartered Financial Institution
C	Custodial
D	Non-Profit Organization
E	Sole Proprietorship
G	Government
H	Non-Profit Government Agency
L	Limited Partnership

1066 - Citizenship Status Code

Code indicating citizenship status

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

DMG

TRANSACTION SETS USED IN

111 130 132 135 138 144 146 148 155 175 186 187 189 190 191 194 200 201 202 248 252 255 256 265 267 268 270 271 273 274 275 276 277 278 284 285 309 355 358 359 418 500 810 811 820 833 834 837 838 872

CODE	DEFINITION & EXPLANATION
1	U.S. Citizen
2	Non-Resident Alien
3	Resident Alien
4	Illegal Alien
5	Alien
6	U.S. Citizen - Non-Resident
7	U.S. Citizen - Resident
8	Citizen
9	Non-citizen with Student Authorization
A	Non-permanent Resident Alien
B	Permanent Visa
C	Temporary Visa
D	Work Permit
E	Nordic Citizen
F	Non-Nordic Citizen
G	Naturalized Citizen
H	Eligible Non-citizen
I	Ineligible Non-citizen

1067 - Marital Status Code

Code specifying the marital status of a person TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
DMG DPN

TRANSACTION SETS USED IN
111 130 132 135 138 144 146 148 153 155 175 186 187 189 190 191 194 200 201 202 248 252 255 256 265 267 268 270 271 273 274 275 276 277 278 284 285 309 355 358 359 418 500 810 811 820 833 834 837 838 872

CODE	DEFINITION & EXPLANATION
A	Common Law
B	Registered Domestic Partner
C	Not Applicable
D	Divorced
I	Single
K	Unknown
M	Married
R	Unreported
S	Separated
U	Unmarried (Single or Divorced or Widowed)
W	Widowed
X	Legally Separated

1068 - Gender Code

Code indicating the sex of the individual

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

AOI DMG ENM GID ICH LTR PDI SCD

TRANSACTION SETS USED IN

111 130 132 133 135 138 144 146 148 152 155 175 186 187 189 190 191 194 200 201 202 248 249 252 255 256 265 267 268 270 271 272 273 274 275 276 277 278 280 284 285 309 355 358 359 418 500 810 811 818 820 833 834 837 838 872

CODE	DEFINITION & EXPLANATION
A	Not Provided
B	Not Applicable
F	Female
I	Nonbinary
M	Male
N	Non-sexed *Gender is not known because observation or examination for such was not recorded or requested by the protocol*
T	Self-reported as Transgender
U	Unknown
X	Unsexable *Gender could not be determined because of ambiguity in external or internal genitalia*

1069 - Individual Relationship Code

Code indicating the relationship between two individuals or entities TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
BEN FH ICH IN1 INS LT PAT REL RSD SBR

TRANSACTION SETS USED IN
111 130 135 138 146 147 148 152 155 186 189 191 197 198 199 200 201 202 205 206 261 262 265 267 268 270 271 272 273 275 276 277 278 280 820 833 834 837 872

CODE	DEFINITION & EXPLANATION
00	Guarantor
01	Spouse
02	Son or Daughter
03	Father or Mother
04	Grandfather or Grandmother
05	Grandson or Granddaughter
06	Uncle or Aunt
07	Nephew or Niece
08	Cousin
09	Adopted Child
10	Foster Child
11	Son-in-law or Daughter-in-law
12	Brother-in-law or Sister-in-law
13	Mother-in-law or Father-in-law
14	Brother or Sister
15	Ward
16	Stepparent
17	Stepson or Stepdaughter
18	Self
19	Child *Dependent between the ages of 0 and 19; age qualifications may vary depending on policy*
20	Employee
21	Unknown
22	Handicapped Dependent
23	Sponsored Dependent *Dependents between the ages of 19 and 25 not attending school; age qualifications may vary depending on policy*
24	Dependent of a Minor Dependent *A child not legally of age who has been granted adult status*
25	Ex-spouse
26	Guardian *An adult who is given legal responsibility for a child by the court*
27	Student *Dependent between the ages of 19 and 25 attending school; age qualifications may vary*

depending on policy

28 Friend

29 Significant Other

30 Both Parents
The residence or legal custody of the student is with both parents

31 Court Appointed Guardian

32 Mother

33 Father

34 Other Adult

36 Emancipated Minor
A person who has been judged by a court of competent jurisdiction to be allowed to act in his or her own interest; no adult is legally responsible for this minor; this may be declared as a result of marriage

37 Agency Representative

38 Collateral Dependent
Relative related by blood or marriage who resides in the home and is dependent on the insured for a major portion of their support

39 Organ Donor
Individual receiving medical service in order to donate organs for a transplant

40 Cadaver Donor
Deceased individual donating body to be used for research or transplants

41 Injured Plaintiff

43 Child Where Insured Has No Financial Responsibility
Child is covered by the insured but the insured is not the legal guardian

45 Widow

46 Widower

47 State Fund
The state affiliated insurance organization providing coverage and or benefits to the claimant

48 Stepfather

49 Stepmother

50 Foster Parent

51 Emergency Contact

52 Employer

53 Life Partner

55 Adopted Daughter

56 Adopted Son

57 Adoptive Father

58 Adoptive Mother

59 Adoptive Parents

60 Annuitant

61 Aunt

62 Brother

63 Brother-in-Law

64 Business

65 Business Associate

66 Business Insurance Trust
67 Business Partner
68 Charity
70 Children of Marriage
71 Company
72 Corporation
73 Creditor
74 Daughter
75 Daughter-in-Law
76 Dependent
78 Estate
79 Ex-wife
80 Family Member
81 Father-in-Law
82 Fiancé (Male)
83 Financée (Female)
84 Fiduciary
86 Foster Daughter
87 Foster Father
88 Foster Mother
90 Foster Son
91 God Daughter
92 God Father
93 God Parents
94 God Son
95 Grandchildren
96 Granddaughter
97 Grandfather
98 Grandmother
99 Grandparents
A1 Grandson
A2 Great Aunt
A3 Ex-husband
A4 Half Brother
A5 Half Sister
A6 Husband
A7 Institution
A8 Mortgage Holder
A9 Mother-in-Law
B1 Nephew
B2 Niece
B3 Parents-in-Law
B4 Partnership

B5 Partner
B6 Personal Insurance Trust
B7 Sister
B8 Sister-in-Law
B9 Sole Proprietorship
C1 Son
C2 Son-in-Law
C3 Step Brother
C4 Step Children
C5 Step Daughter
C8 Step Sister
C9 Step Son
D1 Trust
D2 Trustee
D3 Uncle
D4 Wife
D5 Teacher
D6 School Counselor
D7 School Principal
D8 Other School Administrator
D9 Coach
DC Child of a Domestic Partner
E1 Activity Sponsor
E2 Supervisor
E3 Co-worker
E4 Minister or Priest
E5 Ecclesiastical or Religious Leader
E6 God Mother
E7 Probation Officer
E8 Accountant
E9 Advisor
F1 Alma Mater
F2 Applicant
F3 Banker
F6 Clergyman
F7 Client
F8 Club or Organization Officer
F9 Doctor
G2 Educator/Teacher/Instructor
G3 Betrothed
G4 Insured
G5 Lawyer
G6 Medical Care Provider

G7 Neighbor
G8 Other Relationship
G9 Other Relative
H1 Owner
H4 Payer
N1 None
OT Non-applicable Individual Relationship Category
ZZ Mutually Defined

1070 - Type of Residence Code

Code identifying type of residence

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

ARS FTH LRQ REA

TRANSACTION SETS USED IN

199 200 201 202 206 261 262 265 833 872

CODE	DEFINITION & EXPLANATION
1	Primary Residence
2	Second Home
3	Additional Residence beyond Second Home
4	Vacation Home
5	Non-Owner Occupied Residence
9	Not Specified
A	Acute Care Facility
B	Boarding Home
C	Sub-Acute Care Facility
D	Investment Property
F	Former Residence
H	Hospice
I	Intermediate Care Facility
L	Long Term or Extended Care Facility
N	Nursing Home

1071 - General Expense Qualifier

Code indicating general expense type TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
PEX

TRANSACTION SETS USED IN
198 201 202 261 262 872

CODE	DEFINITION & EXPLANATION
01	Hazard Insurance
02	Mortgage Insurance
03	Renters Insurance
04	Flood Insurance
05	Homeowners Insurance
06	Homeowners Association Dues
07	Termite Insurance
08	Gas
09	Electricity
10	Sewers
11	Septic Tank
12	Ground Rent
13	Water
14	Real Estate Tax
15	Front Foot Tax
16	Sewer Tax
17	Garbage, School and Other Service Taxes
18	Easement Tax
19	Surcharges
20	Condominium Fee
21	Principal, Interest, Taxes, and Insurance (PITI)
22	Other Financing Principal and Interest
23	Other General Expenses
24	Total Proposed Housing
25	Rent
26	First Mortgage Principal and Interest
27	Total Present Housing Expense
28	Estimated Taxes
29	Special Assessment
30	Actual Real Estate Taxes
31	Estimated Real Estate Taxes
32	Tax Rate per $100
33	Other Taxes or Assessment

34 Licenses
35 Fuel
36 Water and Sewer
37 Trash Removal
38 Pest Control
39 Building Maintenance and Repair
40 Interior and Exterior Decorating
41 Cleaning Expenses
42 Supplies
43 Elevator Maintenance
44 Pool Maintenance
45 Parking Area Maintenance and Snow Removal
46 Gardening
47 Nonresident Manager
48 Resident Manager's Apartment Allowance
49 Custodian's Apartment Allowance
50 Advertising
51 Telephone
52 Leased Furniture
53 Carpeting and Drapes
54 Ranges and Refrigerators
55 Dishwashers and Disposals
56 Individual Heating and Air Conditioning Units
57 Association Fee
58 Club House Fee
59 Pool Usage Fee
60 Dockage Fee
61 Optional Services Fee
62 Total
63 Management
64 Net Operating
65 Build-out Allowance
66 Maintenance Fee
67 Unit Charge
68 Earthquake Insurance
69 Leasehold Payments
91 Insurance - Total
92 Public Utility - Total
93 Taxes - Total
94 Community Fees - Total
95 Total Monthly Debt
96 First Mortgage Monthly Principal and Interest
97 Second Mortgage Monthly Principal and Interest

98 Other Principal and Interest

1072 - Rounding System Code

Code indicating the mechanism used to round a calculated value TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
VDI

TRANSACTION SETS USED IN
205 872

CODE	DEFINITION & EXPLANATION
5	Round to Nearest (Rule of Fives)
D	Round Down
T	Truncate
U	Round Up

1073 - Yes/No Condition or Response Code

Code indicating a Yes or No condition or response TYPE=ID MIN=1 MAX=1

COMPOSITE DATA STRUCTURES USED IN
C035 C048 C060 C061 C065

SEGMENTS USED IN (AS COMPONENT)
DRA HLH LRQ LUC PRV UPI

SEGMENTS USED IN (AS SIMPLE)
AAA AEI AIN ALG AOI AOL AOR APR AST AT2 ATR ATV B1 B10 BCU BEN BFS BRR BTC BTS BVI CDD CID CLM
CLP CNP CPL CPR CQ CR2 CR4 CR6 CR8 CRC CRI CRS CS CSE CT DB DD DED DEF DFI DL DN1 DP DRA
DRT DVI EB EIA ELV EMP EMT ENM ENR ESI FAC FC FCL FDA FNA FPI FRM FTH FU2 FX2 FX3 FX4 FX5 FX6
FX7 G11 G32 G55 G93 GA GR GY HAD HC HCR HD ID4 ING INS ISI JCT L0 L11 LC LC1 LH3 LIC LID
LN LN1 LN2 LRQ M10 M11 M12 M15 MBL MI1 MIC MSI NA OI OPS OPX PAL PAM PAS PAT PDI PEX PID PIN
PKL PM PPR PRC PRD PRT PS PSC PSG R13 R9 RAP RC RDR REC REG REN RES RP RQS SAL SBI SBR SCR
SCT SHR SID SLI SMB SMO SMS SOI SOM SPT SST SUM SV1 SV2 SV3 SV4 SV6 SV7 SWD TD4 TII TLN TRD TRS
TST UC UQS USI VEH W2 X4 YNQ ZA

TRANSACTION SETS USED IN
100 103 104 106 107 108 110 111 112 113 124 128 130 131 132 133 135 138 139 140 141 142 143 144
146 147 148 150 152 153 154 155 160 161 163 175 176 179 180 185 186 187 188 189 190 191 194 195
196 197 198 199 200 201 202 203 204 205 206 210 211 212 214 215 217 219 220 222 223 224 225 227
228 240 244 245 248 249 250 251 252 255 259 260 261 262 263 264 265 266 267 268 269 270 271 272
273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 303 304 309 310 311 312 317 322 324
325 326 350 352 353 354 355 356 357 358 359 404 410 412 417 418 421 422 423 424 426 431 432 433
434 435 437 451 453 455 456 460 463 466 468 475 486 490 494 500 503 511 517 521 527 536 540 561
567 568 601 603 625 650 753 754 806 810 811 812 814 818 819 820 823 826 830 832 833 834 835 836
837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860
861 863 865 866 867 869 870 872 873 874 878 879 886 887 888 890 897 920 940 944 945 947 990

CODE	DEFINITION & EXPLANATION
C	Contains
E	Exempt
F	Free From *Also means the product does not contain.*
M	May Contain
N	No
R	Under Review
U	Unknown
W	Not Applicable
Y	Yes

1074 - Type of Real Estate Asset Code

Code identifying the nature of a real estate

TYPE=ID MIN=2 MAX=2

COMPOSITE DATA STRUCTURES USED IN
C047

SEGMENTS USED IN (AS COMPONENT)
REA

SEGMENTS USED IN (AS SIMPLE)
FDA MNC PDR

TRANSACTION SETS USED IN
155 187 201 202 205 206 261 262 270 271 272 833 872

CODE	DEFINITION & EXPLANATION
01	Manufactured
02	Commercial - Non-Residential
03	Commercial - Residential
04	Condominium
05	Farm
06	Home & Business Combined
07	Land and Lots
08	Mobile Home
09	Deminimus Planned Unit Development (PUD)
10	Attached
11	Detached
13	Cooperative
14	Single-family Residence
15	Two-to-Four-unit Residence
16	Townhouse
17	Apartment Condominium
18	Multifamily (More than Four Units)
19	Twin Home
20	Bridges
21	Dams
22	Towers
23	Tunnels
24	Pipelines
25	Drilling Rigs
26	Antennas
27	Storage Tanks
28	Billboards and Signs
29	Fixed Machinery
30	Planned Unit Development

31 Site Built
32 High-rise
33 Subdivision
34 Stacked
35 Zero Lot Line
36 Row House
39 Modular
40 Yard
41 Factory
42 Garage
43 Office
44 Premises
45 Shop
46 Showroom
47 Warehouse
48 Works
49 Workshop
50 Residential
51 Commercial
52 Seasonal
53 Timeshare
54 Business Opportunity
55 Industrial
56 Ranch
57 Industrial Building
58 Semi Detached Building
59 Detached Building
60 Industrial Mall
61 Shopping Plaza
62 Shopping Mall
63 Apartment Building
64 Residential Buildings
65 Other Property Type
66 Coldstore
67 Complex
68 Forecourt
69 Hotel
70 Laboratory
71 Stadium
72 Store
73 Low Rise
74 Vacant Lot
75 Mixed Use Residential

UN Unknown
ZZ Mutually Defined

1075 - Status of Plans for Real Estate Asset Code

Code identifying plans for real estate TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
REA RET

TRANSACTION SETS USED IN
201 202 206 261 262 833 872

CODE	DEFINITION & EXPLANATION
A	For Sale
B	For Lease
C	For Rent
D	Trade
E	Timeshare
F	Property Still Under Developer's Control, Project not Completed
G	Project is Complete
H	Will Remain or Become Primary or Additional
J	Project is Completed and Controlled by Home Owner's Association Greater Than Two Years
P	Pending Sale
R	Rental Being Held for Income
S	Already Sold
T	Retained

1076 - Real Estate Loan Security Instrument Code

Code indicating type of security instrument

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

LN1 MNC

TRANSACTION SETS USED IN

199 202 205 261 265 872

CODE	DEFINITION & EXPLANATION
A	Deed to Secure Debt
D	Deed of Trust
L	Land Contract (Contract for Deed)
M	Mortgage

1077 - Property Value Estimate Type Code

Code indicating the type of property value estimate TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
PAS

TRANSACTION SETS USED IN
872

CODE	DEFINITION & EXPLANATION
A	Appraised Value as Determined by Agency
B	Value as Determined by Applicant or Loan Originator
C	Appraised Value Determined by Appraiser
R	Reasonable Value as Determined by Agency

1078 - Property Ownership Rights Code

Code identifying legal basis for property ownership or residence status TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
ARS ASO FDA REA

TRANSACTION SETS USED IN
155 200 201 202 206 261 262 833 872

CODE	DEFINITION & EXPLANATION
A	Restricted Fee (Tribal Lands)
B	Inclusionary Zoning
C	Co-Operative
D	Trust Land
E	Co-own
F	Fee Simple
G	Other Ownership Rights
H	Shares
J	Unassigned
L	Leasehold
O	Own
R	Rent
S	Condominium
T	Use as Collateral
U	Unknown
X	Living Rent Free

1079 - Contact Method Code

Code indicating the type of contact

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

LRQ MRC PSC

TRANSACTION SETS USED IN

140 142 199 201 264 265 833 872

CODE	DEFINITION & EXPLANATION
E	Electronic Data Interchange
F	Face-to-Face
M	Mail
T	Telephone

1080 - Assumption Terms Code

Code indicating the terms for loan assumption TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
LN2 LRQ

TRANSACTION SETS USED IN
199 201 262 265 833 872

CODE	DEFINITION & EXPLANATION
2	Assumption Allowed, Liability Released
3	Assumption Allowed, Liability Not Released
4	Qualifying
5	Non-Qualifying

1081 - Loan Purpose Code

Code identifying the reason the loan is needed TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
LN LRQ LUC

TRANSACTION SETS USED IN
148 199 201 202 206 245 265 833 872

CODE	DEFINITION & EXPLANATION
01	Purchase Existing Home Previously Occupied
02	Purchase Existing Home Not Previously Occupied
03	Finance Improvement to Existing Property
04	Construct Home
05	Refinance
06	Purchase New Condominium Unit
07	Purchase Existing Condominium Unit
08	Finance Co-Operative Purchase
09	Manufactured Home
10	Manufactured Home and Lot
11	Manufactured Home and To Buy Lot
12	Manufactured Home and Lot Loan Refinanced
13	Construct New Home and Convert to Permanent
14	Purchase Unimproved Land
15	Other Loan Purpose
16	Purchase, Purpose Unidentified
17	Single Family
18	Multifamily Construction
19	Multifamily Project
20	Single Family Serial Note
21	All Terrain Vehicle
22	Dirt Bike
23	Farm Equipment
24	Jet Ski
25	Truck
26	Motorcycle
27	Snowmobile
28	Home Equity
30	Purchase Money Mortgage
31	Additional Financing
AL	Auto Lease
AR	Airplane
AU	Automobile

BO Boat
CC Charge Cards
CO Charged Off
CT Camper or Trailer
FM First Mortgage Real Estate
MH Mobile Home
PE Personal
RE Real Estate
RV Recreation Vehicle
SL Student Loan
SM Second Mortgage Real Estate
SO Sharedraft Overdraft

1082 - Use of Proceeds Code

Code specifying how proceeds will be used or why they are being requested

TYPE=**ID** MIN=**2** MAX=**2**

COMPOSITE DATA STRUCTURES USED IN
C048

SEGMENTS USED IN (AS COMPONENT)
LRQ LUC

TRANSACTION SETS USED IN
199 201 202 265 833 872

CODE	DEFINITION & EXPLANATION
01	Cash
02	Change in Rate or Term or Both
04	Home Improvement
05	Education
06	Medical
07	Increase Rate
08	Reduce Term
09	Adjustable Rate to Fixed Rate
12	Debt Consolidation
13	Change in Loan Type
14	Other Purpose
16	Purchase
17	Reduce Rate
18	Equity Takeout
20	Construction to Permanent
21	Construction
22	Combined Construction and Permanent
23	Increase Term
24	Balloon Satisfaction
25	Rate or Term Refinance with Cash Out
ZZ	Mutually Defined

1083 - Type of Funds Code

Code indicating the type of funds paid

TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)

RES RLD

TRANSACTION SETS USED IN

201 202 872

CODE	DEFINITION & EXPLANATION
01	Cash-Borrowed
02	Cash
03	Equity from Pending Sale of Property
04	Cash-Gift
05	Non-Cash
06	Sweat Equity
07	Trade Equity
09	Secondary Financing Secured by Same Property
10	Lot Equity
11	Lease Payments
12	Pledged Collateral
14	Sale of Chattel
27	Grant
28	Proceeds of Loan Fully Secured by Borrower's Own Assets
29	Grant From Non-Profit Organization
30	Grant From Federal Government
31	Grant From State Government Organization
32	Grant From Local Government
33	Grant From Employer
35	Unsecured Loan
43	Not Applicable
44	Premium Pricing
45	Closed End Second Mortgage
46	Seller Take Back
47	Affordable Second Mortgage
48	Home Equity Line of Credit
49	Gift of Equity
50	Mortgage Insurance Premium or Veteran Administration Funding Fee Refund
51	Commitment or Origination Fee
52	Buydown Funds
53	Closing Costs
54	Discount Points
55	Relocation Funds

56 Employer Assisted Housing
57 Lease Purchase Funds
58 Other
59 Savings
60 Equity on Sold Property
61 Equity from Subject Property
62 Certificate of Deposit
63 Financial Arrangement
64 Stocks and Bonds
65 Equity from Pending Home Sale
66 Trust Funds
67 Retirement Funds
68 Life Insurance
69 Secured Borrowed Funds
70 Earnest Money
ZZ Mutually Defined

1084 - Loan Buydown Type Code

Code indicating the type of loan buydown TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

BUY

TRANSACTION SETS USED IN

202 872

CODE	DEFINITION & EXPLANATION
P	Permanent
T	Temporary

1085 - Loan Payment Type Code

Code identifying the nature of loan payment

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

LN LN2 LRQ MNC PRD RLT VDI

TRANSACTION SETS USED IN

148 198 199 201 203 205 206 245 262 265 833 872

CODE	DEFINITION & EXPLANATION
01	Adjustable Payment Based on Index
02	Fixed Payment with Balloon Option
03	Pledged
04	Growing Equity Mortgage (GEM)
05	Fixed Payment
06	Graduated Payment Mortgage (GPM)
07	Interest Only with Balloon
08	Graduated Payment Adjustable Rate Mortgage
09	Extended Term
10	Wraparound Mortgage
11	Collateral Pledge Graduated Payment Mortgage
12	Fixed Payment With Buydown
13	Other Loan Payment Type
14	Step Rate
15	Tiered
16	Renegotiated Rate
17	Reverse Annuity
18	Reverse Installment Buydown
19	Shared Appreciation
20	Second Mortgage
21	Interest Only
22	Non-level
23	Biweekly
24	Five-year Balloon
25	Seven-year Balloon
26	Regular Reducing
27	Skip
28	Balloon
29	Single
30	Fixed Principal Payment
32	Start Up Mortgage

1086 - Loan Rate Type Code

Code indicating the characteristics of the loan rate

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

GR IDB LN LN1 MNC PLI PRD SAD SLI

TRANSACTION SETS USED IN

135 139 144 148 191 198 199 202 205 206 245 261 265 872

CODE	DEFINITION & EXPLANATION
1	Fixed
2	Adjustable or Variable
3	Student Loan Split *One time changing rate*
4	Student Loan Variable *Annually changing rate*
5	Simple
6	Compound
7	Discount

1089 - Index Identity Code

Code identifying the index value used for adjustable rate mortgage rate changes

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CDI

TRANSACTION SETS USED IN

205 872

CODE	DEFINITION & EXPLANATION
01	Treasury Bill - 1 Year
02	Treasury Bill - 3 Year
03	Treasury Bill - 6 Months
04	Treasury Bill - 5 Year
05	Treasury Bill: 3 Month Index (Weekly Auction)
06	Treasury Bill: 6 Month Index (Weekly Auction)
07	Treasury Bill: 6 Month Index (Monthly Auction)
08	Treasury Bill: 6 Month (Invest) (Weekly)
09	Treasury Bill: 6 Month (Invest) (Monthly)
10	Cumulative Average Previous 4 Weeks of 6 Month T Bills
11	Cumulative Average Previous 26 Weeks of 6 Month T Bills
12	Cumulative Average Previous 12 Months of 6 Month T Bills
13	Treasury Sec.: 1 Year (Weekly Average)
14	Treasury Sec.: 2 Year (Weekly Average)
15	Treasury Sec.: 3 Year (Weekly Average)
16	Treasury Sec.: 5 Year (Weekly Average)
17	Treasury Sec.: 7 year (Weekly Average)
18	Treasury Sec.: 10 Year (Weekly Average)
19	Treasury Sec.: 1 Year (Monthly Average)
20	Treasury Sec.: 3 Year (Monthly Average)
21	Treasury Sec.: 5 Year (Monthly Average)
22	Cumulative Average Previous 12 Months of 1 Year Treasury Secretary
23	Federal Home Loan Bank District 11 Index
24	OTS: Average Contract Rate
25	OTS: Series of Closed Loan Index
26	OTS: Fixed Rate, Closed Loan All Lenders
27	OTS: S & L Average Quarterly Cost of Funds
28	OTS: S & L Median Monthly Cost of Funds
29	OTS: 11th Dist. Cost of Funds (Monthly)
30	OTS: 4th Dist. Cost of Funds (Monthly)
31	OTS: 7th Dist. Cost of Funds (Monthly)
32	OTS: 1 Year 1st Dist. Advance Rate (Daily)
33	OTS: 11th Dist. Daily Guarantee 30 Day Comm 5 Year

34 Federal Home Loan Bank Index
35 OTS: 4 Year 2nd Dist. Advance Rate (Daily)
36 OTS: 5 Year 2nd Dist. Advance Rate (Daily)
37 OTS: Average Previous 12 Month Series Closed Loans
38 OTS: Average Previous 12 Month 11th Dist. Cost of Funds
39 OTS: Semi-Annual Cost of Funds for CA Members
40 OTS: Nat. Mon. Median Cost of Funds Ratio
41 OTS: Federal Cost of Funds
42 OTS: Quarterly National Average Cost of Funds
43 OTS: Semi-annual National Average Cost of Funds
44 London Interbank Offered Rate (LIBOR)
45 Libor: 1 Month Rate
46 Libor.: 3 Month Rate
47 Libor.: 6 Month Rate
48 Libor.: 1 Year Rate
49 Libor.: 1 Month Fannie Mae Index (Monthly)
50 Libor: 3 Month Fannie Mae Index (Monthly)
51 Libor.: 6 Month Fannie Mae Index (Monthly)
52 Libor: 12 Month Fannie Mae Index (Monthly)
53 Libor: 1 Month Wall Street Journal Rate
54 Libor: 6 Month Wall Street Journal Rate
56 National Cost of Funds
57 Prime
58 National Average Contract Rate on Previous Occ. Homes
59 Wall Street Journal Prime Rate
60 6 Month Certificate of Deposit Rate
61 NY Federal Res. 6 Month Jumbo CD Rate (Daily)
62 6 Month Money Market-Comml. Bank (Weekly)
63 6 Month Treasury Bill Secondary Market
64 6 Month CDS-Secondary Market (Weekly)
65 6 Month CDS-Secondary Market (Monthly)
66 Fannie Mae: Blend 50% Frm./50% 1 Year Treas.
67 Fannie Mae: Blend 75% Frm./25% 1 Year Treas.
68 Fannie Mae: 30 Day Frm. Yield Actual/Actl.
69 Fannie Mae: 30 Day Frm. Yield Schl./Actual
70 Fannie Mae: 60 Day Frm. Yield Actual/Actl.
71 Fannie Mae: 60 Day Frm. Yield Schl./Actual
ZZ Mutually Defined

1090 - Improvement Status Code

Code indicating the improvement status TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
PAS

TRANSACTION SETS USED IN
872

CODE	DEFINITION & EXPLANATION
C	Completed
I	In Process
P	Pending

1091 - Source of Funds Code

Code identifying the source of the funds TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
BUY RES

TRANSACTION SETS USED IN
201 202 872

CODE	DEFINITION & EXPLANATION
1	Seller
2	Builder or Developer
3	Borrower - Not Financed
4	Lender
5	Borrower - Financed
6	Parent
7	Non-Parent Relative
8	Unrelated Friend
9	Employer
A	Other Source
B	Borrower - Paid Outside of Closing
C	Real Estate Agent

1093 - Real Estate Loan Type Code

Code identifying the loan product category TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
LN1 LN2 LRQ MNC RLT

TRANSACTION SETS USED IN
199 201 202 203 205 206 261 262 265 833 872

CODE	DEFINITION & EXPLANATION
1	Conventional
2	Veterans Administration Loan
3	Federal Housing Administration Loan
4	Farmers Home Administration Loan
5	State Agency
6	Local Agency
7	Other Real Estate Loan
8	Federal Housing Administration Multifamily Loan
9	Conventional Uninsured
A	Commercial
B	U.S. Department of Housing and Urban Development
C	Rural Housing Services
D	Federal Housing Administration Title 1
F	Contract for Deed or Land Contract
G	Owner Financed
I	Bond
J	Residential
Z	Mutually Defined

1094 - Vehicle Status

In-transit status of a motor vehicle

TYPE=**AN** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BMM BVA BVP BVS

TRANSACTION SETS USED IN

120 121 125 126

1095 - Year

Four position designation of the year expressed as CCYY TYPE=**N0** MIN=**4** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

CII CTC CYC LEQ R11 VEH

TRANSACTION SETS USED IN

124 148 187 266 267 270 271 272 284 285 286 309 350 355 358 359 412 414 601 603 811 820

1096 - County Designator Code

Code identifying the county within a state TYPE=**ID** MIN=**5** MAX=**5**

Code Sources

145

SEGMENTS USED IN (AS SIMPLE)

CIV IND NX2

TRANSACTION SETS USED IN

101 105 113 130 138 146 155 158 187 189 197 198 199 200 201 202 203 205 206 244 245 255 261 262 265 267 274 280 362 620 811 833 850 855 860 865 872

1097 - Mortgage Insurance Application Type Code

Code identifying the type of Mortgage Insurance application TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

MIC MIR

TRANSACTION SETS USED IN

260 263 872

CODE	DEFINITION & EXPLANATION
1	Standard Application
2	Delegated
3	Prequalification
4	Reduced Documentation

1098 - Mortgage Insurance Premium Type Code

Code indicating the type of the initial mortgage insurance premium TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

MIC

TRANSACTION SETS USED IN

263 872

CODE	DEFINITION & EXPLANATION
C	Cash
D	Deferred Premium
F	Financed

1099 - Mortgage Insurance Certificate Type Code

Code indicating whether Mortgage Insurance certificate is for primary loan or pool loan or both

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

MIC MIR

TRANSACTION SETS USED IN

260 263 872

CODE	DEFINITION & EXPLANATION
B	Both
N	No Coverage
O	Pool
P	Primary

1100 - Mortgage Insurance Coverage Type Code

Code indicating the nature of the Mortgage Insurance coverage TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
IGI MIC

TRANSACTION SETS USED IN
202 263 872

CODE	DEFINITION & EXPLANATION
1	Adjusting
2	Standard
3	Pool
4	Level Annual Coverage
5	Primary
6	Risk Sharing
7	Second Layer
8	Second Layer Standard
Z	Mutually Defined

1101 - Lien Priority Code

Code identifying the rights and relationship of a loan to any other loan secured by the same property

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

LN1 LN2 MNC

TRANSACTION SETS USED IN

199 202 205 261 262 265 872

CODE	DEFINITION & EXPLANATION
1	First (Primary)
2	Second
3	Third
4	Fourth
5	Unsecured
W	Wrap-Around *A refinancing technique involving the creation of a second mortgage which includes the balance due on any existing mortgages plus the amount of the new secondary or junior lien*
Z	Mutually Defined

1102 - Mortgage Insurance Renewal Option Code

Code indicating the type of renewal option for Mortgage Insurance TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

MIC MIR

TRANSACTION SETS USED IN

260 263 872

CODE	DEFINITION & EXPLANATION
C	Constant
D	Declining
N	No Renewals

1103 - Loan Documentation Type Code

Code indicating type of documentation used in underwriting the loan TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
LN1 LUC

TRANSACTION SETS USED IN
199 202 261 265 872

CODE	DEFINITION & EXPLANATION
A	Alternative *Nontraditional documentation used in determining the creditworthiness of a borrower*
B	Streamlined Refinance
C	No Document
D	No Deposit Verification
E	No Employment or Income Verification
F	Full
G	No Deposit, Employment, or Income Verification
R	Reduced

1104 - Name Component Qualifier

Code identifying the type of name component TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
IN2

TRANSACTION SETS USED IN
101 130 131 135 138 139 144 146 147 149 155 157 189 190 191 197 198 199 200 201 202 205 206 261 262 265 280 283 521 540 813 826 833 850 855 860 865 872

CODE	DEFINITION & EXPLANATION
01	Prefix
02	First Name
03	First Middle Name
04	Second Middle Name
05	Last Name
06	First Initial
07	First Middle Initial
08	Second Middle Initial
09	Suffix
10	Generation
11	Doing Business As (DBA) or Trading As (T/A)
12	Combined (Unstructured) Name
13	Combined Name and Account Number
14	Name of an agency
15	Maiden or former name
16	Composite name (used if the name cannot be broken into separate parts, formatted with last name sent first)
17	Middle Names
18	Preferred First Name or Nickname
19	Corporation
20	Corporation Suffix
21	Professional Title
22	Organization Name

1105 - Mortgage Insurance Duration Code

Code indicating the method of determining the duration of the initial insurance policy

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

MIC

TRANSACTION SETS USED IN

263 872

CODE	DEFINITION & EXPLANATION
1	1 Year
2	Periodic
3	Single (One Time)
7	Life-of-Loan
8	Loan to Value Percent

1106 - Address Component Qualifier

Code identifying the type of address component TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
NX2

TRANSACTION SETS USED IN
101 105 113 155 158 187 197 198 199 200 201 202 203 205 206 244 245 255 261 262 265 280 362 620 811 833 850 855 860 865 872

CODE	DEFINITION & EXPLANATION
01	Street Number
02	Street Name
03	Prefix Direction
04	Suffix Direction
05	P.O. Box Number
06	Rural Route Number
07	City Name
08	State Name
09	State Postal Code
10	Zip Code (5 Digit)
11	Zip Code Addendum (4 Digit)
12	Building Name
13	Apartment Number
14	Suite Number
15	Unstructured Street Address
16	Unstructured City and State and Zip Code
17	Unstructured City and State
18	Unstructured Mailing Address
19	Zip Code (9 Digit)
20	County
21	Subdivision
22	Map Coordinates and Directions
23	Continent
24	State or Province Abbreviation
25	Township *A division of territory in surveys of US public land containing 36 sections or square miles*
26	Municipality *A political unit, such as a city or town, that is incorporated and self-governing*
27	Sub-barrio *A sub-entity of a specified ward, quarter, or district in a Spanish speaking county or territory*
28	Association Name
29	Parking Unit Number

30 Pier
The pier at which a ship or boat is docked

31 Wing
The particular wing of a building

32 Floor
A particular floor or level of a building

33 Driveway
The driveway or private road connecting a house, garage, or another building with the street

34 Lot
A particular lot or piece of land

35 Room
A walled room or partitioned area of a building

36 Slip
The slip or location on a pier at which a ship or boat is docked

37 Unit
A unit or separate structure

38 Property Address

39 Unstructured Property

40 Street Suffix

41 Country

42 House Number Prefix

43 House Number Suffix

51 Drawer Number
U.S. mailing address type used in some regions

52 Foreign Region or Province

53 Postal District
Used in some foreign countries (e.g., Cedex in France)

54 Street Number Alpha

56 Province

57 Cross Street

58 International Postal Code

59 Street Number Low

60 Street Number High

61 Street Number Fraction

62 Street Name Suffix

63 Secondary Unit Identifier

64 Secondary Unit Number

65 ZIP Code Delivery Point Addendum

66 ZIP Code Delivery Point BarCode (DPBC) Checkdigit

67 Postal Service Carrier Route

68 Postal Service Carrier Route Line of Travel (LOT)

69 Postal Service Address Change Service (ACS) Keyline

71 Congressional District Code

74 Zip Code (11 digit)

79 International Organization for Standardization (ISO) Country Code

80 Street Name Prefix
83 Private Mail Box (PMB)
85 Urbanization
90 Access Customer Terminal Location (ACTL)
91 Additional Point of Termination (APOT)
92 Local Service Termination (LST)
93 Specific Point of Interface (XPOI)
94 Section
96 Range
A north-south strip of townships, each six miles square, numbered east and west, from a specified meridian in a U.S. public land survey
97 Geographical Area
AA High Even Street Number
AB High Odd Street Number
AC Low Even Street Number
AD Low Odd Street Number
AE Secondary Address High
AF Secondary Address Low
AG High Even Secondary Address
AH High Odd Secondary Address
AI Low Even Secondary Address
AJ Low Odd Secondary Address
AK Building Number

1107 - Name Type Code

Code identifying the type of name

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

IN1

TRANSACTION SETS USED IN

111 130 135 138 146 147 155 186 189 191 197 198 199 200 201 202 205 206 261 262 265 275 280 833 872

CODE	DEFINITION & EXPLANATION
01	Given Name (Name at Birth)
02	Current Legal
03	Alias
04	Name of Record
05	Previous Name
06	Name of Record Requestor
07	Married Name
08	Professional Name
11	Doing Business As (DBA) and Trading As (T/A)
12	Spouse
13	Combined Name and Account Number
17	Beneficiary
18	Primary Care Provider
19	Corrected Insured
20	Prior Incorrect Insured
21	Corrected Name

1108 - Month of the Year Code

Code identifying the month of the year TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
CTC CYC LEQ R11

TRANSACTION SETS USED IN
412 414

CODE	DEFINITION & EXPLANATION
01	January
02	February
03	March
04	April
05	May
06	June
07	July
08	August
09	September
10	October
11	November
12	December

1109 - Race or Ethnicity Code

Code indicating the racial or ethnic background of a person; it is normally self-reported; Under certain circumstances this information is collected for United States Government statistical purposes

TYPE=**ID** MIN=**1** MAX=**1**

COMPOSITE DATA STRUCTURES USED IN
C056

SEGMENTS USED IN (AS COMPONENT)
DMG ENM ISI

TRANSACTION SETS USED IN
111 130 132 133 135 138 144 146 148 155 175 186 187 189 190 191 194 200 201 202 248 252 255 256 265 267 268 270 271 273 274 275 276 277 278 284 285 309 355 358 359 418 500 810 811 820 833 834 837 838 872

CODE	DEFINITION & EXPLANATION
7	Not Provided
8	Not Applicable
A	Asian or Pacific Islander
B	Black
C	Caucasian
D	Subcontinent Asian American
E	Other Race or Ethnicity
F	Asian Pacific American
G	Native American
H	Hispanic
I	American Indian or Alaskan Native
J	Native Hawaiian
N	Black (Non-Hispanic) *A person having origins in any of the black racial groups of Africa who is not of Mexican, Puerto Rican, Cuban, or South or Central American origin or of any other Spanish culture or origin regardless of race*
O	White (Non-Hispanic) *A person having origins in any of the original peoples of Europe, North Africa, or the Middle East who is not of Mexican, Puerto Rican, Cuban, or South or Central American origin or of any other Spanish culture or origin regardless of race*
P	Pacific Islander
Q	Black or African American (Office of Management and Budget 1997)
R	Hispanic or Latino (Office of Management and Budget 1997)
S	White (Office of Management and Budget 1997)
T	American Indian or Alaska Native (Office of Management and Budget 1997)
U	Asian (Office of Management and Budget 1997)
V	Native Hawaiian or Other Pacific Islander (Office of Management and Budget 1997)
W	Not Hispanic or Latino (Office of Management and Budget 1997)
Z	Mutually Defined

1110 - Vehicle Dimension

To indicate vehicle size class and exceptions

TYPE=**AN** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

VC1

TRANSACTION SETS USED IN

120 285

1113 - Coupon Distribution Media Code

Code specifying medium utilized for coupon distribution TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
G15

TRANSACTION SETS USED IN
887

CODE	DEFINITION & EXPLANATION
BB	Bounceback
DH	Direct Home Delivery
DM	Direct Mail
EC	Electronic
FS	Free Standing Insert
HO	Handout
HS	Sample
IL	Instant Redeemable
IP	In Pack
MO	Magazine
MR	Customer Relations
NC	Newspaper
OP	On Pack
RI	Retail In-ad
SP	Shelf Pad
TM	Theme Promotion

1122 - Vent Setting Code

Code specifying the setting on the air vents on ocean-type containers TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
W09

TRANSACTION SETS USED IN
300 301 304 310 312 322 324 325 940

CODE	DEFINITION & EXPLANATION
A	Vent 25% Open
B	Vent 50% Open
C	Vent 75% Open
D	Vent 100% Open
E	Closed
F	Vent 10% Open
Z	Carrier to Set Based on Commodity Type

1123 - Offer Basis Code

Code specifying the basis on which the underwriter offers to provide coverage

TYPE=ID MIN=2 MAX=3

SEGMENTS USED IN (AS SIMPLE)

UD UDA

TRANSACTION SETS USED IN

111 186 267 273

CODE	DEFINITION & EXPLANATION
01	Age Rated
AA	All Aviation Excluded
AB	No Differentiation on Tobacco Use
AC	Facultative
AD	Facultative Obligatory
AE	Super Preferred
AF	Uninsurable
AG	Declined
EX	Exclusion
FE	Flat Extra
MA	Military Aviation Excluded
NS	Non-smoker
NT	Non-tobacco
PF	Preferred
SD	Standard
SM	Smoker
TO	Tobacco
TR	Table Rated
ZZ	Mutually Defined

1126 - Academic Degree Code

Code indicating the level of postsecondary academic award earned TYPE=ID MIN=3 MAX=3

Code Sources

161

SEGMENTS USED IN (AS SIMPLE)

DEG PCL

TRANSACTION SETS USED IN

130 132 133 138 189 190 194 274

1127 - Interline Settlement System Status Action or Dispute Code

Code specifying action to be taken or current status of a revenue waybill TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
ZR

TRANSACTION SETS USED IN
426

CODE	DEFINITION & EXPLANATION
CA	Carrier Initiated Revenue Waybill Cancel
CC	System Initiated Cancelled and Fully Concurred
CD	System Initiated Cancelled Disputed Status
CH	Carrier Initiated Challenge
CO	Carrier Initiated Concurrence Without Opinion
CP	Carrier Initiated Concurrence With Opinion
CS	System Initiated Settlement, Child Settled, Parent in Dispute Status
CT	Carrier Initiated Concurrence to Date Change Only
CU	Currency Dispute
DA	System Initiated Settlement, Active Road on Silent Concurrence, Divisions Generated
DG	System Initiated Settlement, Silent Road on Silent Concurrence, Divisions Generated
DO	System Initiated Deletion From Route by Another Carrier
DR	Carrier Initiated Deletion from Route (Not in Interline Movement)
DT	Carrier Initiated Settlement Date Change
GD	System Initiated Government Dispute
LT	Delay Shipment Dispute
NP	Null Settled Due to AAR Rule 11 Parent Null Settled
NR	New Road, Route Dispute
OP	Carrier Initiated Waybill Opinion
OR	Carrier Initiated Revenue Waybill
PS	System Initiated Postponement to Settlement Due to AAR Rule 11 Notify Party
PT	Prepaid or Collect Dispute
RT	Route Dispute
SA	System Initiated Settlement, Active Road on Silent Concurrence
SC	System Initiated Settlement, Composite Version Due to Forced Settlement
SF	System Initiated Settlement, Force Settled on Dispute
SN	System Initiated Settlement, Null Value
SS	System Initiated Settlement, Silent Road on Silent Concurrence
ST	System Initiated Settlement, Fully Concurred
T1	System Initiated Trace for Concurrence to AAR Rule 11 Notify
TD	Transit Dispute

TR System Initiated Trace for Concurrence to Revenue Waybill
UT AAR Rule 11 Dispute

1129 - Adjustment Reason Code Characteristic

Code specifying an additional characteristic of the adjustment reason TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
AD1 CFI CRI

TRANSACTION SETS USED IN
148 187 521 811 834

CODE	DEFINITION & EXPLANATION
1	Primary Disability - Frozen *Benefits provided under the Social Security Administration to the primary insured which are not redefined under the COLA (Cost of Living Adjustment) Act*
2	Primary Disability - Non-frozen *Benefits provided under the Social Security Administration to the primary insured which are redefined under the COLA (Cost of Living Adjustment) Act*
3	Dependent Disability - Frozen *Benefits provided under the Social Security Administration to an insured dependent which are not redefined under the COLA (Cost of Living Adjustment) Act*
4	Dependent Disability - Non-frozen *Benefits provided under the Social Security Administration to an insured dependent which are redefined under the COLA (Cost of Living Adjustment) Act*
5	Retirement - Frozen *Retirement benefits provided under the Social Security Administration to the primary insured which are not redefined under the COLA (Cost of Living Adjustment) Act*
6	Retirement - Non-frozen *Retirement benefits provided under the Social Security Administration to the primary insured which are redefined under the COLA (Cost of Living Adjustment) Act*
7	Permanent *A disability that will presumably last for the insured's lifetime and that prevents him from engaging in any occupation for which he is reasonably fitted*
8	Temporary *A disability that will last for a short period of time and temporarily prevents the insured from engaging in work for which he is employed*
9	Canadian *Pension benefits payable to the employee in Canada*
10	Joint *An ancillary benefit paid to an employee's pension fund at the employer's place of business during the period in which he is disabled*
11	Deferred *Benefits earned by the insured while he is disabled and made payable when he reaches the indemnity limit, usually age 65*
12	Eligible
13	Applied
14	Receiving *The status of claimant benefits*
15	Defense Medical Evaluation

16 Delayed Reporting Penalty (Insured)
17 Engineering Services
18 Expert Test (Trial)
19 Expert Fees and Expenses (excluding tests and testimony)
22 Fee Schedule Savings
The difference between the actual billed amount and the actual paid amount for medical services
23 Fatal
24 Permanent Total
25 Permanent Total Supplemental
26 Permanent Partial Scheduled
27 Permanent Partial Unscheduled
28 Temporary Total
29 Temporary Partial
30 Employer Liability
31 Permanent Partial Disfigurement
32 Unspecified Employer Payments
34 Funeral Expenses
35 Penalties
36 Interest
37 Employer's Legal Expenses
38 Claimant's Legal Expenses
39 Payments to Physicians
40 Hospital Costs
41 Other Medical
42 Vocational Rehabilitation Evaluation
43 Vocational Rehabilitation Education
44 Other Vocational Rehabilitation
45 Total Temporary Catastrophic
46 Unknown Payment Type
57 Vocational Rehabilitation Maintenance
58 Claim Value Recovery
60 Deductible Recovery
61 Additional Living Expense
62 Alternative Dispute Resolution Services
63 Anesthesiologist
64 Annuity
65 Attorney Expenses
66 Attorney Fees
67 Auto Liability Subrogation
69 Not Eligible
71 Catastrophic Benefits
72 Central Index Bureau Filing Fees
73 Chiropractor

74 Indemnity Reserves
75 Medical Reserves
76 Expense Reserves
77 Vocational Rehabilitation Reserves
78 Indemnity Payments
79 Medical Payments
80 Expense Payments
81 Vocational Rehabilitation Payments
82 Claim Payment
83 Claim Reserve
84 Bodily Injury Payment
85 Bodily Injury Reserve
86 Property Damage Payment
87 Property Damage Reserve
88 Comprehensive Payment
89 Comprehensive Reserve
90 Collision Payment
91 Collision Reserve
92 Salvage
93 Expert Witness Fees
94 Claimant Legal Expense
95 Claimant Medical Evaluation
96 Commercial Photographers
97 Mandated Medical Exam
98 Death Benefits
99 Defense Attorney Fees and Expenses
A1 Funeral Benefits
A2 Hearing Attendance or Representation Fees
A3 Hospital - Inpatient Charges
A4 Hospital - Outpatient Charges
A5 Hospital Bill Audit
A6 Impairment Income Benefits
A7 Independent Adjustor Expense
A8 Independent Medical Exam
A9 Legal Expenses - Miscellaneous
AA Chiropractic Expenses
AB Dental Expenses
AC Physical Therapy Costs
AD Pharmaceutical Costs
AE Durable Medical Costs
AF Medical Travel Costs
AG Employee Medical-Legal Costs
AH Employer-Claim Administrator Medical-Legal Costs

AI Agreed upon or Directed Medical-Legal Costs
AJ Unallocated Funds
AK Future Credit Recovery
B1 Liability Settlement
B2 Life Pension
B3 Lump Sum Remarriage Payment
B4 Lump Sum Settlement Amount
B5 Major Case of Individual Case Reporting
B6 Medical Equipment
B7 Peer Review Board Expenses
B8 Medical Management Services
B9 Medical Records or Reports
C1 Medical Rehabilitation
C2 Medical Test (Trial)
C3 No-fault benefit or expense (Non-Workers Compensation)
C4 Nursing Care
C5 Extended Care Facility
C6 State Fund - Other
C7 Penalties Paid on Medical Benefits
C8 Penalties Paid on Indemnity Benefits
C9 Pension Indemnity Benefit
D2 Personal Property or Contents
D3 Pharmacy
D4 Photographs other than Commercial
D5 Physiotherapy
D6 PPO (Preferred Provider Organization) Fees or Expenses
D7 Product Liability Subrogation
D8 Property Adjustment
D9 Provider Bill Audit Expense
E1 Radiology
E2 Time and Expense Fees
E3 Scheduled Award
E4 Social Security
E5 State Second Injury Fund
E6 State Supplemental Fund
E7 Supplemental Permanent Total Benefits
E9 Employee Interest
F1 Testing Lab
F2 Third Party Contribution
F3 Transportation - Other
F4 Transportation - Medical Treatment
F5 Treating or Panel Physician
F6 Utilization Review - Hospital

F7 Utilization Review - Physician
F8 Unallocated Indemnity
F9 Unallocated Medical
G2 Witness Fees and Expenses - Other than Expert Witness
G3 Vocational Rehabilitation Training
G4 Appraisal Fees
G5 Autopsy Fees
G6 Surveillance Special Investigation Fees and Expenses
G7 Temporary Income Benefits
G9 Federal Second Injury Fund
H2 Federal Supplemental Fund
H3 Flat Rate
H4 Employer Paid Temporary Total Disability
H5 Employer Paid Temporary Partial Disability
H6 Court Reporter Fees
H7 Private Investigator Fees

1130 - Primary or Contingent Code

Code identifying if the beneficiary is the primary beneficiary or the contingent beneficiary

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

BEN

TRANSACTION SETS USED IN

111 267 268 273 834

CODE	DEFINITION & EXPLANATION
C	Contingent
P	Primary

1131 - Level of Individual, Test, or Course Code

Code identifying level of course, test, or individual TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
ATV CQ CRS EDF ENM ENR IN1 ISI PLI SES SST TST WLD

TRANSACTION SETS USED IN
111 130 132 133 135 138 146 147 155 186 189 190 191 197 198 199 200 201 202 205 206 252 261 262 265 275 280 833 872

CODE	DEFINITION & EXPLANATION
01	First grade
02	Second grade
03	Third grade
04	Fourth grade
05	Fifth grade
06	Sixth grade
07	Seventh grade
08	Eighth grade
09	Ninth grade
0A	Administrative
0K	Kindergarten
10	Tenth grade
11	Eleventh grade
12	Twelfth grade
14	Managerial
15	Other Professional
16	Clerical
17	Technical
18	Skilled Crafts
19	Service Maintenance
20	Non-Degree or Temporary Undergraduate in Postsecondary school
21	Postsecondary First Year Student
22	Postsecondary Sophomore
23	Postsecondary Junior
24	Postsecondary Senior
25	Postsecondary Post-Baccalaureate Student
26	Postsecondary Non-Degree Graduate Student
27	Postsecondary Professional Student
28	Postsecondary Master's Degree Student
29	Postsecondary Doctoral Student
30	Postdoctoral Student
31	Postsecondary Bachelor Preliminary Year

32 Postsecondary Fifth Year Student
33 Postsecondary Masters Qualifying Year
34 First-year Graduate
35 Second-year Graduate
36 Third-year Graduate
37 Beyond Third-year Graduate
38 First-year, Attended College Before
39 First-year Professional
40 Second-year Professional
41 Third-year Professional
42 Beyond Third-year Professional
AA High School
AB Middle School
AC Junior High School
AD Adult
A person who is classified at the adult grade-level by virtue of receiving instruction or services through an adult education program or class who is not enrolled in a regular program of study for students of compulsory school age
AS Associate Degree
BD Baccalaureate (Bachelor's) Degree
C2 Medical Test (Trial)
CL Clinical Medicine
DD Doctoral Degree
EL Elementary School
EM Employment
EX Executive
FL Fall Term First Professional
FP First Professional
FT Fall Term Graduate
FU Full-time First-time Degree-seeking Undergraduate
FV First-time Degree-seeking Undergraduate
GR Graduate
HG High School Graduate or Equivalent
HS Attended high school, but did not graduate.
IF Infant (0 to age 2)
IN Intramural
LA Local Education Agency (LEA)
MD Master's Degree
MG Mixed Grades
MS Middle or Junior High School
NO None
P0 Pre-Kindergarten Level 0
P1 Pre-Kindergarten Level 1
P2 Pre-Kindergarten Level 2

P3 Pre-Kindergarten Level 3
P4 Pre-Kindergarten Level 4
P5 Pre-Kindergarten Level 5
PC Postsecondary Certificate or Diploma
PD Professional Degree or Certification
PF Professional
PK Pre-Kindergarten
PM Pre-clinical Medicine
PO Postsecondary
PS Some Postsecondary (e.g., college)
SA School
SP Instructional
SS Secondary School
ST Support Services
TF Twelve Month First Professional
TW Twelve Month Graduate
UG Undergraduate
UN Ungraded
VR Varsity
VS Vocational School

1132 - Instructional Setting Code

Code indicating type of instructional setting where an education program is provided

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BEP CSU OPS WLD

TRANSACTION SETS USED IN

130 132 188 201 202

CODE	DEFINITION & EXPLANATION
1	Self-contained (Regular Class) *An instructional setting in which the classroom teacher provides all the basic instruction in such areas as language arts, mathematics, science, and social science to his or her students; these classes are most prevalent in grades Pre-Kindergarten to Grade 5*
2	Resource Class *A class offered by a regular school in which the student receives instruction which is supplemental to the major educational programs in which the student spends the majority of time*
3	Separate Class *A class offered by a regular school in which the student receives most of his or her instruction apart from the regular classroom*
4	Public Separate School Facility
5	Private Separate School Facility
6	Public Residential Facility
7	Private Residential Facility
8	Correction Facility
9	Homebound or Hospital Environment
10	Bilingual Class
11	Departmentalized (Regular Class)
12	Center-based Instruction
13	Televised Instruction
14	Individualized Instruction
15	Independent Study
16	Laboratory
17	English as a Second Language (ESL) Class
18	Discussion
19	Residency
20	Internship
21	Practicum
22	Work Study
23	Co-operative Education
24	Clinic
25	Lecture and Laboratory
26	Lecture and Discussion

27 Lecture
28 Other
29 Classroom
30 Home Study
31 On-line Instruction
32 Distance Learning
33 Seminar
34 Field Work Experience
35 Group Projects
36 Applied Learning
37 Recital
38 In-Service Training
39 Workshop
40 Self-contained Combined Resource
41 Experiential Learning

1133 - Program Participation and Services Code

Code indicating other programs in which a student is enrolled or services received

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BEP SP

TRANSACTION SETS USED IN

130 133 201 202

CODE	DEFINITION & EXPLANATION
1	Alternative Education
2	Gifted or Talented
3	Limited English Proficiency
4	Migrant Program
5	Pre-Kindergarten
6	Remedial or Compensatory Program
7	Vocational Program
8	General Education Development (GED) Preparation
9	At-Risk or Dropout Prevention Program
10	Discipline or Disruptive Program
11	English as a Second Language Program
12	Bilingual Education Program
13	Adult High School Education Program
14	Adult Basic Education Program
15	Title 1 or Chapter 1 Program, Elementary and Secondary Act of 1965 (ESEA) (P.L 89-10)
16	State Compensatory Education
17	Indian Education
18	Transitional Bilingual Education
19	Specially Designed Academic Instruction in English (Sheltered English)
20	Primary Language Support (Bilingual Aide)
21	Academic Subjects through Primary Language
22	Early Intervention Services
23	Related Services
24	Individual and Small Group Instruction
25	Tutorial Services
26	Note-taking Assistance
27	Test-taking Assistance
28	Educational Therapy
29	Study Skills Assistance
30	Instruction in the Home or Hospital
31	School Clothing
32	Child Care or Center Services
33	Language, Speech Development and Remediation

34 Audiological Services
35 Orientation and Mobility Instruction
36 Adapted Physical Education
37 Vision Services
38 Specialized Driver Training Instruction
39 Counseling and Guidance
40 Psychological Services Other than Assessment and Development of the Individualized Education Program (IEP)
41 Family Counseling and Training
42 Health and Nursing Services
43 Social Worker Services
44 Specially Designed Vocational Education and Career Development
45 Recreation Services
46 Specialized Services for Low-incidence Disabilities such as Readers, Transcribers and Vision and Hearing Services
47 Transportation
48 Children's Protective Services
49 Substance Abuse Education and Prevention
50 Teen or Adolescent Family Planning
51 Speech Therapy
52 Occupational Therapy
53 Physical Therapy
54 Music Therapy
55 Art Therapy
56 Dance Therapy
57 Interpreter for the Hearing Impaired
58 Rehabilitation Counseling Services
59 Orientation and Mobility Services
60 Case Management Services
61 Mental Health Services
62 Vocational Rehabilitation Training and Job Placement
63 Supported Employment Services
64 Independent Living Services
65 Residential Services
66 Communication Services
67 Technological Aids
68 Community Recreational Services
69 Community-based Instruction
70 Pre-College Development Program
71 State or Province Defined Program
72 Local or District Defined Program
73 Other Program
74 Lender Provided Counseling Program
75 Non-profit Organization Counseling Program

76 Public or Government Agency
77 Other Organization Program
78 Borrower Counseling Program Not Provided
79 Third Party Provided Counseling Program
80 American Homeowner Education Institute Approved Counseling Program
81 Academic or Career Counseling
82 Employment Services for Current Students
83 Placement Services for Completers
84 Library
85 Shared Library

1134 - Institutional Governance or Funding Source Level Code

Code identifying the governance or funding source level TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
EDF SCT SP

TRANSACTION SETS USED IN
130 133 135

CODE	DEFINITION & EXPLANATION
1	Federal
2	State
3	Local
4	Private
5	Combination
6	Regional
7	Territory
8	State Non-resident
9	Not Applicable

1135 - Placement Criteria Code

Code indicating the criteria used to place students in a special education program

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

OPX

TRANSACTION SETS USED IN

130 133

CODE	DEFINITION & EXPLANATION
1	Academic Record *Placement of the student in the class or program was based on the student's academic course work/performance*
2	Behavioral Performance *Placement of the student in the class or program was based on the student's demeanor or conduct*
3	Physical Condition *Placement of the student in the class or program was based on the student's health status*
4	Test Scores *Placement of the student in the class or program was based on the student's performance on standardized or other types of tests*
5	Age *Placement of the student in the classroom or program was determined by the student's age*
6	Limited English Proficiency (LEP) *Placement of the student in the class or program was based on an assessment of the student's English proficiency which indicated that language assistance was needed*
7	Family Background *Placement in the program or class was based on characteristics of the student's family and/or socioeconomic background that could negatively affect the student's ability to succeed*
8	Residence
9	High School Graduation
A	Open Admission
B	Evidence of ability to benefit from institution
C	Class Standing
Y	Other

1136 - Code Category

Code specifying the situation or category to which the code applies TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)

AM1 API CD2 CFI CRC III INR LRQ MNC MPP UC UCS VDI

TRANSACTION SETS USED IN

100 111 112 124 132 148 155 175 176 179 180 186 187 189 195 198 199 201 202 203 205 206 252 255 256 259 261 262 265 266 267 268 270 271 272 274 278 280 284 288 290 412 435 810 811 832 833 837 872 874 886

CODE	DEFINITION & EXPLANATION
00	Employee Mobility
01	Pre-existing Conditions *Disease that existed prior to a person's effective date of coverage*
02	Diagnosis
03	Condition *Diagnosis for which the patient will be confined in a health care facility*
04	Occurrence *Episode defining a significant event*
05	Occurrence Span *Several episodes over a period of time*
06	Value
07	Ambulance Certification
08	Chiropractic Certification *Reasons why chiropractic care is just and appropriate treatment*
09	Durable Medical Equipment Certification *Prescription describing the need for durable medical equipment; usually included are the diagnosis and estimated duration of need*
10	Enteral or Parenteral Therapy Certification
11	Oxygen Therapy Certification
12	Admitting Diagnosis *Condition for which the patient will be confined in a health care facility*
13	Principal Diagnosis *Condition established after study to be chiefly responsible for the patient's complaint*
14	Pre-Existing Physical Condition *Any physical condition that exists prior to the effective date of coverage under a contract*
15	Pre-Existing Mental Condition *Any mental condition that exists prior to the effective date of coverage under a contract*
16	Routine Foot Care Class Finding
17	Systemic Condition for Routine Foot Care
18	Co-op Advertising
19	Commercial Advertising
20	Specimen Kit Type Code SEE CODE SOURCE 277

21 Laboratory Test Condition Code
SEE CODE SOURCE 279

22 Automobile Loss

23 Laboratory Results Identification Code
SEE CODE SOURCE 278

24 Line of Business Code
SEE CODE SOURCE 244

25 United States Department of Vital Statistics E-Code
A code used to identify conditions related to this bill that may affect payer processing.

26 Employment Status Information

27 Income

28 Loan Information

29 Injury or Illness

30 Benefit Adjustment

31 Claimant

32 Contractholder Branch

33 Contractholder

34 Secondary Claim Administrator

35 Primary Claim Administrator

36 Reporting Agency

37 Process

38 Hazardous Material

39 Activity

40 Accident

41 Initial Treatment

42 Cause of Injury

43 Part of Body

44 Nature of Injury

45 Source of Injury

46 ȸb

47 Loss Prevention

48 Managed Care

49 Risk Management

50 Claim Handling

51 Event or Exposure

52 Equipment or Materials or Chemicals

53 Coverage

54 Overbite
Vertical overlap of the upper teeth over the lower teeth; overlapping of mandibular incisors by maxillary incisors

55 Overjet
The horizontal overlap of the upper teeth over the lower teeth; projection of maxillary incisors beyond mandibular incisors

56 Profile
An outline of the shape or form of the face from the lateral view

57 Crossbite
An abnormal line of occlusion between the two arches

58 Arch Asymmetry
An asymmetrical condition in the curved structure of the natural dentition or alveolar ridge

59 Dentition Midline
An imaginary dividing line through the middle of the natural teeth in the dental arch following eruption

60 Crowding
A condition in which teeth assume altered position

61 Molars
The three teeth in each quadrant that are located distal to the second bicuspids

62 Cuspids
The four pointed teeth located between the lateral incisor and first bicuspid in each quadrant of the mouth

63 Interviewee

64 Verification of Deposit

65 Verification of Mortgage

66 Verification of Income or Employment or Both

67 Verification of Rent

68 Verification of Loan or Installment Debt or Both

69 Anti-fungal Therapy

70 Hospice

71 Primary Diagnosis

72 Secondary Diagnosis

73 Tertiary Diagnosis

74 Procedure Code

75 Functional Limitations

76 Activities Permitted

77 Mental Status

78 Manner Property Title Held

79 Property Improvements

80 Complete Appraisal

81 Limited Appraisal

82 Restricted Appraisal Report Limiting Conditions

83 Route of Administration

84 Borrower Information

85 Contract Information

86 Fannie Mae (Federal National Mortgage Association)

87 Freddie Mac (Federal Home Loan Mortgage Corporation)

88 Deductible

89 Advertising Copy

90 Private Remarks

91 Compensation Notes

92 Open House Notes

93 Tour Notes

94 Terms of Sale
95 Restrictions
96 Disclosures
97 Exceptions
98 Inclusions
99 Lease Type
A0 Contracting District Type
A1 Mortgage Record Change
A2 Mortgage Insurance Termination
Insurer-initiated termination of mortgage insurance as a result of insured's non-payment in insurance premium
A3 Mortgage Insurance Cancellation
Cancellation of mortgage insurance initiated by the insured
A4 Mortgage Servicing Transfer
A5 Appraisal
A6 State License Disciplinary Action
A7 Source of Data
A8 Endorsement
A9 Notification
AA All
AB Agent's Questions
AC Agent's Share
AD Benefits
AE Contact or Reference Information
AF Cost Basis
AG Driving Infractions
AH Excess Dividend Use
AI Home Health Aide
AJ Existing Coverage Information
AK Hospitalization
AL Activity Limitations
AM Juvenile Information
AN Occupation Information
AO Personal Finance and Business Information
AP Appearance
AQ Rating Information
AR Arrest
AS Replaced Amount
AT Authority
AU Automated Underwriting Information
AV Aviation
AW Surgery
AX Travel Information
AY Age Remark

AZ Property Remark
B1 Audit Data
B2 Declaration Sheet Indicator
B3 Servicing Data
B4 Single Family
B5 Multifamily
B6 Payment Handling
B7 Ginnie Mae 1
B8 Ginnie Mae 2
B9 Ginnie Mae 2 Custom
BA Bankruptcy
BB Business Beneficiary
BC Building Condition
BD Buydown
BE Beneficiary
BF Tax Agency Parcel Identifier
BG Historical Performance
BH Product Rules
BI Commercial Property
BJ Unimproved Land
BK Banking
BL New Contract
BM Original Contract
BN Access
BO Bond
BP Bankruptcy Petition
BQ Agent Sales Trend
BR Broker's Price Opinion
BS Bankruptcy Statement of Financial Affairs
BT Billings Trend
BU Assets
BV Cash Flow
BW Competition
BX Credit Line
BY Creditors Arrangement
BZ Creditors Meeting
C1 Depreciation Conditions
C2 Adverse Environment Conditions
C3 Miscellaneous Adverse Conditions
C4 Site Conditions
C5 Subject Property Conditions
C6 Board of Directors
C7 Reserve

C8 Payment
C9 Comorbidity
CA Citizenship
CB Continuing Education
CC Compensation Calculation
CD Cause of Death
CE Condominium
CF Cooperative
CG Conviction
CH Direct Sales Trend
CI Export Trend
CJ Financial Embarrassment
CK Indebtedness
CL Cancellation
CM Claim Amounts
CN Comparison
CO County
CP Complications
CQ Initial Capital
CR Current Ratio
CS Common Stock
CT Commission Trend
CU Stockholders
CV Damage
CW Working Capital
Current Liabilities minus current Assets
CX Compensation Allocation
SEE CODE SOURCE 541
CY Dividend Use
SEE CODE SOURCE 542
CZ Excess Premium Use
SEE CODE SOURCE 546
D1 Unpaid Invoices
D2 Withdrawals
D3 Imports
D4 Placed for Collection
DA Drug Adjudication Information
DB Liquidation Proceedings
DC Location
DD Discharge Diagnosis
Condition of patient upon discharge from a health care facility
DE Departmental
DF Profit Margin
DG Proposal
DH Receivership

DI Driver Identification Information
DJ Provider Characteristics and Resources
SEE CODE SOURCE 683
DK Secondary Source of Injury
DL Petitions
DM Registered Charges
DN Criminal Proceedings
DO Historical Criminal Proceedings
DP Directions to Property
DR Driving
DV Driver Record Information
E1 Spectacle Lenses
E2 Contact Lenses
E3 Spectacle Frames
E4 Employment
E5 Examiner's Comments
EB Intercompany Relations
EC udgments
ED Liens
EE Operating Surplus Trend
EF Participating Interest
EG Protested Bills
EH Subcontracting Details
EI Suits
EJ Uniform Commercial Code (UCC) Filings
EK Detrimental Legal Filings
EL Customer Details
EM Supplier Detail
EP Early & Periodic Screening, Diagnosis and Treatment (EPSDT) Claim
ER Employee Relocation
ET Education or Training
FA Financial
FC Family Coverage
FH Family History
FI Financing
FL Flood Determination
FP Franchise Tax Payments
FR Financial Remarks
FT Foreign Travel
GD Demonstrations
GS Shelf Format
GU Guarantees
HA Fixed
HB Adjustable

HC Rate Adjustment
HD Payment Adjustment
HE Life of Loan
HF Periodic Interest Rate
HG Principal and Interest
HH Health or Medical
HI Late Charge
HJ Default Note Holder's Cost
HK Prepayment
HL Limited Payment
HM Rate Lookback
HN Payment Lookback
HO Index
HP Mortgage Margin
HQ Single Family 2-4 Units
HR Amortization
HS Rate Conversion
HT Interest Only
HU Premium Audit Key Question
HY History
HZ Hazardous Sports
IC Issued Capital
ID Identification
IH Insurance History or Other Coverage
IM Impairment
IN Insurance
LA License Revocation
LC Location Status
LE Level Remarks
LI Liability Status
LL Local Language Description
LR Listing Remarks
LS Lifestyle
LT Legal Type
LZ Loss Trend
MA Marital Status
MI Miscellaneous
ML Multiple Listing Service
MN Management
MO Modification
MP Medication or Prescription
MS Medical Social Worker
MT Military Status

NC Nominal Capital
NL New Licensed Staff
NS Nature of Suit
NW Not Work Related
OA Owner Pays Notes
OC Occupation Class
Underwriting Classification Established by Insurance Company
OF Outside Financing
OI Other Investor
ON Operations Trend
OP Operations
OT Occupational Therapy
OU Operations Outlook
PA Performance
PB Profitability
PC Paid in Capital
PD Public Records
PE Penalty
PF Profit Trend
PG Possession Notes
PI Photo Instructions
PJ Patient Subjective Complaints
PN Parking Notes
PO Profit Outlook
PR Property
PS Preferred Stock
PT Physical Therapy
PX Physician Examination Results
R1 Reason for Weight Loss
R2 Association of American Railroads Special Proper Shipping Name Flag
R3 Association of American Railroads Intermodal Indicator
R4 Association of American Railroads U.S. to Canada Flag
R5 Residential Status
RC Revocation
RE Recovery
RI Real Estate Property Information
RL Radio License Application
RM Remedy
RN Related Entities
RP Retirement Plan Type
RR Reinstatement
RS Reason Last Seen
RT Registration Type

RU Results
RV Revenue Trend
S1 Investment Trend
S2 Royalty Trend
S3 Purchases Trend
S4 Labor Infraction
S5 Debentures
SA Source Fund
SD Starting Details
SE Summary and Evaluation
SI Showing Instructions
SJ Suits, Judgments & Liens
SL Supplement Note or Line
SN Skilled Nursing
SP Statement Preparation
SR Sales Trend
SS Suspension
ST Speech Therapy
SU Substance Use
SW Reported Statement of Witness
SZ Size
TB Tobacco
TE Tests
TF Target Fund
TH Therapy
TI Action
TM Terms
TN Trend
TP Tenant Pays Notes
TR Treatment
TW Two to Four Units
TX Tax Service
UA Production Capacity
UB Actual Production
UC Branch Trend
UD Retail Locations
UE Net Profit
UF Ordinary Profit
UG Declared Profit to Local Tax Office
UH Market Trend
UI Pre Tax Profit
UJ Net Worth
UK Debt to Equity

UL Equity Return
UM Stability
UN Efficiency
UO Outlook
UP Update
UQ Corporate Registration
VA Voter Registration Application
VD Voter Registration Application Disposition
VO Violation
WA Warning
WB Prognosis
WD Treatment Plan
WE Work Restrictions
WF Witness Statement
WG Conditions Affecting Total Employees and Hours
WH Injury Work Related
WI Illness Work Related
WK Controvert Reason
WL Supervisor's Comments
WM Willful Misconduct
WN Supervisor's Exception
WO Claim Related Work Assignment Changes
WP 30 Day Delay Reason
WQ Employee Comment
WR Employee Comment Not Provided Reason
WS Medical Records Not Attached Reason
WT Work Exposures and Duration
X1 Letter of Credit Overdrawn
X2 Cargo Receipt Not Signed
X3 Customs Statement Missing from Invoice
X4 Purchase Order Not on Letter of Credit (Except Masters)
X5 Reduced Draft
Difference between draft amount and commercial invoice amount
X6 Time Drafts
Number of days draft due
X7 Demand for Payment
Collect shipments, no letter of credit or paperwork
X8 Early Presentation of Documents
YR Physician - Patient Report Inconsistency
YT Physician Test Results
ZZ Mutually Defined

1137 - Medical Code Value

Code value for describing a medical condition or procedure TYPE=**AN** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

CD2 CR6 DSB

TRANSACTION SETS USED IN

186 255 278 834 837

1138 - Payer Responsibility Sequence Number Code

Code identifying the insurance carrier's level of responsibility for a payment of a claim

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

COB IGI SBR SVD

TRANSACTION SETS USED IN

202 276 277 834 837

CODE	DEFINITION & EXPLANATION
A	Payer Responsibility Four
B	Payer Responsibility Five
C	Payer Responsibility Six
D	Payer Responsibility Seven
E	Payer Responsibility Eight
F	Payer Responsibility Nine
G	Payer Responsibility Ten
H	Payer Responsibility Eleven
N	Unconfirmed
O	Non-capitated Agreement
P	Primary
R	Non-specified *Used when sending to Data Reporting Entity, e.g. All Payer Claim Database - APCD entity*
S	Secondary
T	Tertiary
U	Unknown

1139 - Session Code

Code identifying the type of academic session at an educational institution

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)
ENM SCT SES

TRANSACTION SETS USED IN
130 132 133 135 189 190

CODE	DEFINITION & EXPLANATION
1	Full year *The prescribed length of instruction upon which credit is awarded based on the total number of days in a school year*
2	Semester *Usually about 15 to 17 weeks in length; there are usually two semesters per academic year and perhaps other shorter sessions*
3	Trimester *Usually about 13 to 15 weeks in length; normally there are three trimesters and perhaps other shorter sessions in an academic year*
4	Quarter *Usually about 10 to 14 weeks in length; normally there are four quarter sessions and perhaps other shorter sessions in an academic year*
5	Quinmester *Usually about 8 to 10 weeks in length; normally there are five quinmester sessions per academic year*
6	Mini-term *A session whose length is less than the regular session; usually but not always contained wholly within the regular session*
7	Summer Session *A session or combination of sessions conducted after the last regular session of the school year and prior to the first regular session of the next school year*
8	Intersession (Year Round Schools) *The days of optional attendance (equivalent to a summer session) for a student enrolled in a school offering a year-round program which provides three time blocks of 60 days of instruction followed by 15 of intersession*
9	Long session which is longer than a semester or quarter or trimester, but shorter than a full year
A	Fall Session
B	Four-One-Four Plan *A school year consisting of a four-month semester of academic work, followed by a month of special activity, followed by another four-month semester of academic work*
C	Continuous
D	Differs by Program
E	Other
T	Twelve Month

1140 - Floor Type Code

Code indicating the type of floor for equipment

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

SCR

TRANSACTION SETS USED IN

422

CODE	DEFINITION & EXPLANATION
C	Cushioned
D	Depressed Bottom
F	Flat Bottom
S	Steel
W	Wood

1141 - Academic Credit Type Code

Code indicating the type of credit used (awarded) by the institution TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CRS CSE CSU SCT SUM

TRANSACTION SETS USED IN
130 131 132 133 135 138 188 189 190

CODE	DEFINITION & EXPLANATION
3	Trimester Hour Credit
5	Quinmester Hour Credit
A	Adult Credits
C	Continuing Education Unit *Uniform unit of measurement used in the U.S. reflecting participation in organized continuing (non-credit) education programs under responsible sponsorship, capable direction, and qualified instruction; one unit equals ten contact hours*
G	Carnegie Units *One year's study time (at least 120 hours) of any one subject in secondary school as defined by the Carnegie Foundation for the Advancement of Teaching to help clarify college entrance requirements; a standard of measurement that represents one credit for the completion of a one-year course; 16 to 30 Carnegie units completed in a four-year period is the typical requirement for a standard high school diploma in the U.S*
I	Intersession Hour Credit
L	Long Session Hour Credit
M	Mini-term Hour Credit
N	No Credit *A remedial course or other course that is offered without academic credit*
Q	Quarter Hour Credit *The numerical credit value awarded for a course by an institution following the quarter calendar; one quarter credit hour usually represents one classroom hour per week in a standard quarter session; a baccalaureate degree normally requires completion of about 180 quarter credit hours*
R	Summer Term Hour Credit
S	Semester Hour Credit *The numerical credit value awarded for a course by an institution following a semester calendar; one semester credit hour normally represents one classroom hour per week in a standard semester session; a baccalaureate degree normally requires completion of 120 semester credit hours*
T	Twelve-month Hour Credit
U	Units *The amount of credit offered for a course; in secondary schools, one hour in class per day, five days a week, for a subject normally counts as one course unit of that subject*
V	Vocational Credits *Credits offered by vocational and technical institutions; certain states or institutions may have a formula for equating vocational credits to other units or credits*

X Other Type of Credit
Credits offered by institutions outside the United States

1142 - Academic Grade or Course Level Code

Code indicating the level or type, or both, of academic work TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
CRS CSE SUM WLD

TRANSACTION SETS USED IN
130 131 132 138 188 189 190

CODE	DEFINITION & EXPLANATION
1	Remedial *Supplementary instruction in the basic skills of reading, writing, mathematics, or other regular subjects provided to elementary or secondary school students who are assessed as performing below expectations*
2	Basic *Instruction provided to elementary and secondary students in the regular classroom subjects including language arts, mathematics, social studies, sciences, and foreign languages*
3	Teacher's Aide
4	General
5	Applied
6	Survey
7	Regular
8	Specialized Topics
9	Advanced
A	Summary of all courses taken at all institutions
B	Summary of all courses taken at sending institution
D	Dual Level (Upper Division and Graduate) *The level of a course which may be applicable to a baccalaureate degree or a graduate degree or both*
E	Summary of All Courses Taken at All Institutions, Excluding Repeated and/or Forgiven Courses
F	Summary of All Courses Taken at the Sending Institution, Excluding Repeated and/or Forgiven Courses
G	Graduate (postsecondary) *Course offerings at a level of comprehension usually associated with postbaccalaureate students*
H	Higher or Upper division (postsecondary) *Course offerings at a level of comprehension usually associated with third or fourth year baccalaureate students*
I	Institutional Credit *Credit awarded by a postsecondary institution which may or may not be applicable to an associate or baccalaureate degree; typically awarded for purposes of determining the level of participation or success of a student in a course not applicable to a postsecondary degree*
L	Lower division (postsecondary) *Course offerings at a level of comprehension usually associated with first and second year postsecondary students*

M Work in the Major or Program
Course offerings that deal specifically with the program of the student; courses of a general nature or outside of the student's specific program would not be included

P Professional
Course offerings at a level of comprehension usually associated with postbaccalaureate students and recognized by state certification laws and regulations as courses that distinguish professional education from other professions and occupations

R Remedial (postsecondary)
Specialized or additional instruction to correct deficiencies in learner accomplishments or achievements with the expectation that the student will ultimately master the regular curriculum through regular channels

T Summary of Transfer Work Only
Credit granted to a student at the sending institution that was earned or attempted at another institution the student previously attended in recognition of work done there

U Undergraduate (postsecondary)
College level courses of study that may lead to the customary baccalaureate degree; includes both lower and upper division courses

V Summary of Transfer Work Only, Excluding Repeated and/or Forgiven Courses

10 Honors

11 Gifted and Talented

12 Advanced Placement

13 Special Education

14 Vocational Education

15 Independent Study

16 Work Experience

17 Adult Basic

18 Adult Secondary

19 International Baccalaureate

AR Academic Renewal

DL Dual Level (Graduate and Professional)

X1 Elementary

X2 Secondary

1143 - Coordination of Benefits Code

Code identifying whether there is a coordination of benefits TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
COB SBR

TRANSACTION SETS USED IN
276 277 834 837

CODE	DEFINITION & EXPLANATION
1	Coordination of Benefits *A method of integrating benefits payable under more than one group health insurance plan so that the insured's benefits from all sources do not exceed 100 percent of the allowable medical expenses*
2	Coordination of Benefits applies to Spouse Only
3	Coordination of Benefits applies to Spouse and Dependents
4	Coordination of Benefits applies to Dependents Only
5	Unknown
6	No Coordination of Benefits
7	Coordination of Benefits Applies to Subscriber Only
8	Conflict in Coordination of Benefit
9	Coordination of Benefits Applies to Whole Family

1144 - Academic Grade Point Average

The grade point average of a student

TYPE=**R** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

ENR SUM

TRANSACTION SETS USED IN

130 131 135 138 189 190 191

1145 - Class Rank

This is a student's numerical class rank with the highest student in the class having a rank or position of 1

TYPE=**N0** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

SUM

TRANSACTION SETS USED IN

130 131 138 189 190

1146 - Disability Type Code

Code identifying the disability status of the individual TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
DSB

TRANSACTION SETS USED IN
834 837

CODE	DEFINITION & EXPLANATION
1	Short Term Disability
2	Long Term Disability
3	Permanent or Total Disability
4	No Disability
5	Partial Disability
Z	Mutually Defined

1147 - Basis for Academic Credit or Award of Credential Code

Code indicating how academic credit or a credential was granted by an institution or earned by an individual

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

CQ CRS

TRANSACTION SETS USED IN

130 132 189

CODE	DEFINITION & EXPLANATION
1	Non-Credit Participation
A	The College Board's Advance Placement (AP) Program
B	Credit by Exam *Credit awarded upon completion of a local, regional, or national examination; frequently, the exam is similar to the final examination given at the end of a regular course offered by the institution*
C	College Level Examination Program (CLEP)
D	Credit Awarded for US Department of Defense DANTES Program
E	Departmental or Institutional Credit based on experience (Life Experience)
F	Study Abroad
G	The College Board's (CEEB) Credit
H	Completion or Removal of an Incomplete Grade
I	International Baccalaureate
M	Military Credit
N	Correspondence
P	American Council on Education Program on Noncollegiate Sponsored Instruction (ACE/PONSI) Credit Recommendation
R	Regular Enrollment
T	Academic Credits Transferred in From Another Institution
V	Audit or Visitor Status (No Credit Awarded)
W	Work Experience
X	Not Applicable
Y	Unknown
Z	Mutually Defined

1148 - Academic Grade Qualifier

Code specifying grading scale used by an academic institution for an academic course

TYPE=**ID** MIN=**1** MAX=**3**

Code Sources

160

SEGMENTS USED IN (AS SIMPLE)

CRS MKS

TRANSACTION SETS USED IN

130 132 189

1149 - Occupation Code

Code identifying the occupation of an individual TYPE=**ID** MIN=**4** MAX=**6**

Code Sources

156

SEGMENTS USED IN (AS SIMPLE)

DSB EC EMS ICH

TRANSACTION SETS USED IN

113 130 132 138 152 155 186 189 194 198 200 201 248 252 255 267 272 274 280 284 286 540 820 833 834 837

1150 - Course Repeat or No Count Indicator Code

Code indicating when an academic course has been repeated by a student and how that repeat is to be computed in the student's academic grade average

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

CRS

TRANSACTION SETS USED IN

130 132 189

CODE	DEFINITION & EXPLANATION
N	Repeated, Not counted in student's grade point average
R	Repeated, Counted in student's grade point average
X	Other, not counted in student's grade point average

1152 - Override Academic Course Source Code

Code indicating the source of academic credit if not from the sending educational institution

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CRS

TRANSACTION SETS USED IN

130 132 189

CODE	DEFINITION & EXPLANATION
IA	Institutional Agreement *A course offered as part of an inter-institutional cooperative program or articulation agreement and, although identified as originating at another institution, is considered local credit by the sending institution; while the course description resides in the other institution's catalog, that institution may not have a record on this student*
MC	Multiple Campus Course Offering
TC	Transfer Credit *A course taken under the auspices of the other institution and received into the student's record at the sending institution as transfer credit; as such, the receiving institution would probably want to request authentication of the original enrollment and grade in the course*

1153 - Academic Field of Study Level or Type Code

Code indicating the field of study being described in an academic institution by indicating how it was used in the academic program or indicating a course area in a field of study

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

FOS

TRANSACTION SETS USED IN

130 132 133 138 189 190 194

CODE	DEFINITION & EXPLANATION
A	Course
C	Concentration
E	Endorsement
G	Graduate Non-degree
L	Licensing
M	Major
N	Minor
P	Program
S	Specialization
T	Teaching
V	Visiting Scholar
W	Course Taken
X	Course In Progress
Z	Course Planned

1154 - Work Intensity Code

Code identifying the level of intensity of work TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

DSB ESI

TRANSACTION SETS USED IN

132 148 834 837

CODE	DEFINITION & EXPLANATION
H	Heay
L	Light
M	Medium
R	Regular

1155 - Educational Test or Requirement Code

Code indicating a particular national, regional, state, or local test or requirement

TYPE=**ID** MIN=**1** MAX=**3**

Code Sources

162

SEGMENTS USED IN (AS SIMPLE)

OPX RAP TST

TRANSACTION SETS USED IN

130 133 138 189 252

1156 - Test Norm Type Code

Code identifying the type of norming used for the academic test TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
TST

TRANSACTION SETS USED IN
130 138 189 252

CODE	DEFINITION & EXPLANATION
1	National Probability Sample
2	Annual User Norms
3	State Norms
4	Regional Norms
5	Private School Norms
6	Catholic School Norms
7	Urban Norms
8	High Socioeconomic Status Norms
9	Low Socioeconomic Status Norms
A	Equated National Norms
Z	Mutually Defined

1157 - Test Norming Period Code

Code indicating time of the year of the norming of an academic test TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

TST

TRANSACTION SETS USED IN

130 138 189 252

CODE	DEFINITION & EXPLANATION
1	Fall
2	Midyear
3	Spring
4	Interpolated for Time of Testing

1158 - Subtest Code

Code indicating a particular subtest of a test

TYPE=**ID** MIN=**5** MAX=**5**

Code Sources

163

SEGMENTS USED IN (AS SIMPLE)

SBT

TRANSACTION SETS USED IN

130 138 189

1159 - Test Score Interpretation Code

Code indicating unusual testing conditions that must be known to interpret properly a person's academic test score

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

SBT TST

TRANSACTION SETS USED IN

130 138 189 252

CODE	DEFINITION & EXPLANATION
1	Special Circumstances (Something unusual occurred during testing that may have affected how the student performed)
2	Nonstandard Administration Procedure (Braille, Signing, Extended Time, etc.)
3	Experience Only
4	Diagnostic Only
5	Experience and Diagnostic
6	Reader or Signer
7	Large Type Booklet, write or mark on booklet or separate paper, untimed
8	Large Type Booklet, type on typewriter, braillewriter, or computer, untimed
9	Large Type Booklet, scribe marks responses, untimed
A	Untimed, with breaks
B	One and a half times the normal time, no break
C	One and a half times the normal time, one break only
D	Self-determined review of audio/videotape, untimed
E	Reader or Signer, examinee marks on answer document, booklet, or separate paper, standard administration type
F	Special Furniture
H	Use of scripts for videotape scenarios only
I	Foreign language dictionary and standard timing
J	Special Lighting
K	Head Mouse
L	Adjustable table height
M	Enlarged Keyboard
N	Adjustable swivel arm
O	Track ball
P	Separate room
Q	Amanuensis or Recorder
R	Sign Language Interpreter
S	Extra time
T	Multi-day
U	Exempt

1160 - Test Score Qualifier Code

Code indicating the manner in which the actual academic test score result is reported

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

SRE

TRANSACTION SETS USED IN

130 138 189 252 284 285

CODE	DEFINITION & EXPLANATION
1	Scaled Score
2	Grade Equivalent or Grade Level Indicator
3	Standard Score
4	Raw Score
5	Percent of Items Correct
6	Mastery Score
7	Adjective Classification or Locally Defined Score
8	Stanine
9	Percentile
A	Normal Curve Equivalent
B	Equated Score (pre-test and post-test were different)
C	Pass/Fail
D	Equivalent Score
Z	Locally Defined

1161 - Product Option Code

Code indicating an option chosen for the product TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
BLI DSB FSA LC

TRANSACTION SETS USED IN
100 111 180 256 267 268 273 834 837

CODE	DEFINITION & EXPLANATION
1	Pretax *The money applied to benefits before federal taxes have been incurred*
2	Posttax *The money applied to benefits after federal taxes have been incurred*
3	Qualified
4	Non-qualified
5	401K
6	Individual Retirement Account
7	Keogh
8	Simplified Employee Pension
9	Single Premium
A	First to Die
B	Last to Die
C	Child Rider *An amendment which modifies the terms of the life contract or certificate of insurance as they pertain to a dependent child. It may increase or decrease benefits, waive a condition or coverage, or in any other way amend the original contract*
D	Discontinue One-Bill Submission *The individual employee has chosen to discontinue one-bill submission*
N	Benefit Continuation *Health benefits that continue to be paid after termination or death*
O	One-Bill Submission *The individual employee will submit only one bill*
S	Salary Continuation *Salary that continues to be paid after a disability*
10	Flexible Premium
11	Variable Premium
12	Fixed Premium
13	Registered under the Income Tax Act of Canada
14	Non-Registered under the Income Tax Act of Canada
15	Registered Spousal Case *Registered under the Income Tax Act of Canada with contributions made by the owner's spouse*
28	Exclusive
29	Shopped

30 Lead Reinsurer
31 Facultative Excess
BA Bank Account
GA Government Allocation
NC One-Bill Submission Not Chosen
The individual employee has chosen not to participate in one-bill submission
PD Payroll Deduction

1162 - Show Code

Code identifying the show

TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
BOX

TRANSACTION SETS USED IN
170

CODE	DEFINITION & EXPLANATION
EV	Evening
FS	First Show
LA	Late Afternoon
LN	Late Night
LS	Last Show
MA	Matinee
NR	Not Reported
SP	Special Show

1163 - Ticket Category Code

Code identifying category of ticket sold

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BOX

TRANSACTION SETS USED IN

170

CODE	DEFINITION & EXPLANATION
AD	Adult
CH	Child
EX	Discount Coupon Exchange
GR	Group Rate
NR	Not Reported
RR	Reduced Rate
SP	Any Pass
ST	Student

1164 - Network or Schedule Data Type Code

Code identifying the network or schedule or type of presentation TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
BPP

TRANSACTION SETS USED IN
806

CODE	DEFINITION & EXPLANATION
01	Logic Network Arrow Diagramming Method *Method to illustrate tasks and relationships over time using the activity on arrow method*
02	Logic Network Precedence Diagramming Method *Method to illustrate tasks and relationships over time using the activity on node method*
03	Bar Chart (Gantt Chart) *Method to illustrate tasks; primarily a listing of task names and duration of tasks; duration as shown with lines to illustrate start and finish dates*
04	Milestone *Method to illustrate significant events for a contract; events may represent significant deliverables or other tasks to measure contract progress*
05	Line of Balance (LOB) *Method to illustrate manufacturing deliverables or other tasks*
06	Task List *Simple listing of tasks required to complete a contract*
07	Flow Diagram *Method to illustrate work flow or process flow for manufacturing*
08	Cost Account Plan *Method to show major divisions of work, resources required to complete work, and hours or dollars associated with resources*
ZZ	Mutually Defined *Mutually defined*

1165 - Confidentiality Code

Code indicating the access to insured information TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
INS

TRANSACTION SETS USED IN
270 271 278 820 834

CODE	DEFINITION & EXPLANATION
O	Other Restrictions
R	Restricted Access
U	Unrestricted Access

1166 - Contract Type Code

Code identifying a contract type

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BCH BCM BCP BCS BEG BQT CLI CN1 DOS RET

TRANSACTION SETS USED IN

132 196 202 255 262 290 650 805 837 839 840 850 860

CODE	DEFINITION & EXPLANATION
01	Diagnosis Related Group (DRG) *A patient classification scheme, which provides means of relating the type of patients a hospital treats to the costs incurred by the hospital, to determine quality of care and utilization of services in a hospital setting*
02	Per Diem *A contract which allows certain charges to be on a rate per day basis*
03	Variable Per Diem *A contract which allows certain charges to be on a rate per day basis, where the rate may not remain constant*
04	Flat *A contract between the provider of service and the destination payer whereby the flat rate charges may differ from the total itemized charges*
05	Capitated *A contract between the provider of service and the destination payer which allows payment to the provider of service on a per member per month basis*
06	Percent
09	Other
AB	Negotiated Growing Equity Mortgage (GEM)
AC	Anticipated Contract
AD	Federal Housing Authority Adjustable Rate Mortgage
AE	Federal Housing Authority Veterans Affairs Fixed Rate Mortgage (including standard Growing Equity Mortgages)
AF	Conventional Second Mortgages
AG	Conventional Fixed Rate Mortgages
AH	Federal Housing Authority Veterans Affairs Graduated Payment Mortgage
AI	Negotiated Conventional, Graduated Payment, or Step Rate Mortgage
AJ	Conventional Adjustable Rate Mortgage
CA	Cost Plus Incentive Fee (With Performance Incentives)
CB	Cost Plus Incentive Fee (Without Performance Incentives)
CH	Cost Sharing
CP	Cost Plus
CS	Cost
CW	Cost Plus Award Fee
CX	Cost Plus Fixed Fee
CY	Cost Plus Incentive Fee

DI Distributor
EA Exclusive Agency
ER Exclusive Right
FA Firm or Actual Contract
FB Fixed Price Incentive Firm Target (With Performance Incentive)
FC Fixed Price Incentive Firm Target (Without Performance Incentive)
FD Fixed Price Redetermination
FE Fixed Price with Escalation
FF Fixed Price Incentive Successive Target (With Performance Incentive)
FG Fixed Price Incentive Successive Target (Without Performance Incentive)
FH Fixed Price Award Fee
FI Fixed Price Incentive
FJ Fixed Price Level of Effort
FK No Cost
FL Flat Amount
FM Retroactive Fixed Price Redetermination
FR Firm Fixed Price
FX Fixed Price with Economic Price Adjustment
LA Labor
LE Level of Effort
Describes a contract type where payment is made for the performance of a specified level of effort
LH Labor Hours
LM Legislative Mandated Rate Structure
OC Other Contract Type
A type of contract which is neither covered by an existing code nor previously mutually defined
PR Prospect Reservation
SC Sub-capitated Payment
SP Same Percentage as Film Rental Earned (SPFRE)
TM Time and Materials
ZZ Mutually Defined

1167 - Sample Selection Modulus

To specify the sampling frequency in terms of a modulus of the Unit of Measure, e.g., every fifth bag, every 1.5 minutes

TYPE=**R** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

CSF HSD PSD

TRANSACTION SETS USED IN

194 271 274 278 837 841 842 863

1168 - Door Type Code

Code indicating the type of door on a railcar TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
SCR

TRANSACTION SETS USED IN
422

CODE	DEFINITION & EXPLANATION
A1	(Boxcar) Sliding Door, Less than 9 Ft.
A2	(Boxcar) Sliding Door, Equal to 9 Ft. or Less than 11 Ft.
A3	(Boxcar) Sliding Door, Equal to or Greater than 11 Ft.
A4	(Boxcar) Plug Door Less than 9 Ft.
A5	(Boxcar) Plug Door Equal to 9 Ft. or Less than 11 Ft.
A6	(Boxcar) Plug Door Equal to 11 Ft. or Over 11 Ft.
A7	(Boxcar) Sliding and Plug
AO	(Boxcar) Any Other Type Door
B1	(Unequipped Boxcar) Door Less than 8 Ft.
B2	(Unequipped Boxcar) Door Equal to 8 Ft. and Less than 9 Ft.
B3	(Unequipped Boxcar) Door Equal to 9 Ft. and Less than 10 Ft.
B4	(Unequipped Boxcar) Door Equal to 10 Ft. and Less than 11 Ft.
B5	(Unequipped Boxcar) Door Equal to 11 Ft. and Less than 13 Ft.
B6	(Unequipped Boxcar) Door Equal to 13 Ft. and Less than 15 Ft.
B7	(Unequipped Boxcar) Door Equal to 1 Square Foot and Greater
BO	(Unequipped Boxcar) Door Any Other Door Type

1171 - Milestone Number Identification

To identify a milestone number

TYPE=**AN** MIN=**1** MAX=**20**

SEGMENTS USED IN (AS SIMPLE)

MLS

TRANSACTION SETS USED IN

806

1172 - Claim Response Reason Code

Code identifying the detailed reason for the response TYPE=ID MIN=1 MAX=3

SEGMENTS USED IN (AS SIMPLE)
PCS

TRANSACTION SETS USED IN
141

CODE	DEFINITION & EXPLANATION
A1	Inappropriate Standard Repair Time Used
A2	Date on Claim Different than Supporting Document
A3	Submit as Field Service Claim
A4	Missing Part Number
A5	Must Submit Serial Number of Major Component
A6	Submit as Product Improvement Claim
AC	Amount Claimed Exceeds Authorization Amount
CC	Claim Cancelled By Claimant
CH	Core Charge Not Allowed
CP	Claim Pending - Subject to Supplier Approval
CS	Claim Submitted Too Late to Accept
DC	Duplicate Charge
DE	Deductible Exceeds Claimed Amount
DI	Damages Caused by Improper Vehicle Operation
DN	Discrepancy Not Noted on Delivery Receipt
EF	Excess Freight Charges
EL	Excess Lube Charges
EW	Expired Warranty
FC	File Claim Directly to Supplier
HD	Handling Disallowed or Reduced
IA	Incorrect Associate Account
II	Invalid Standard Repair Time Used
IL	Incorrect Labor Rate
IR	Improper Repair Procedures
IV	Invalid Vehicle Identification Number (VIN)
LC	Lubricant Charge Not Allowed
LD	Labor Disallowed
LO	Labor Overlap
MC	Mileage on Claim Different Than Supporting Document
MH	Must Submit Model Number of Major Component
NF	Need Fuel Tank Scrap Form
OC	Other Charges Not Allowed
OR	Only One Repair Allowed Per Section

PB Product Built to Spec
PD Part Damaged - Cannot Establish Defect
PR Photo Required - Resubmit Claim and Mail Photo
RP Replacement Part Information is Incorrect
RT Resubmit as Transporter Claim
SA Special Adjustment
SM Submit as Recall Claim
SP Submit as a Replacement Parts Claim
SR Storage Related Problem - Not Our Responsibility
SW Submit as Warranty Claim
TC Towing Charge Exceeds Warranty Allowance
UR Unauthorized Repair
VB Vehicle Not Built to Order
VM Vehicle Modification
VU Vehicle Already Paid Per Specified Claim
WC Wrong Causal Part Number
WM Wrong Part Number
CDR Customer Damage or Responsibility
CMP Customer Must Pay Deductible
ELH Excessive Labor Hours
ELR Excessive Labor Rate
EPC Excessive Part Cost
ESC Excessive Sublet Cost
FRS Factory Required Service
FWC Full Warranty Credit
IIS Insufficient Information Supplied
IRS Item Reported as Stolen
IWS Insufficient Warranty Information Supplied
MAP Manufacturer's Agreed Price
MRA Mileage Less Than Previously Stated
NCR No Charge Repair
NDF No Defect Found
NEW Not Eligible for Warranty
NOP Not Our Product
NRI Not a Recall Item
NSB Not a Service Bulletin Item
NWR No Warranty Record
ODR Original Equipment Manufacturer (OEM) or Manufacturer's Responsibility
PNP Part not Proper for Specified Repair
PNR Part or Documentation Not Returned or Received Within Time Limit
PRD Part Received Damaged Due to Dealer Poor Packaging
PWA Partial Warranty Approved
RDP Repair Description Does Not Agree With Product

RDR Repair Facility's Responsibility
SUB Submitted Too Late
UPR Unrelated To Previous Repair
URF Unauthorized Repair Facility
VPW Vehicle Previously Wrecked, System Not Warranted
WBS Warranted By Seller

1173 - Task ID Qualifier

Code identifying the task or activity or event type TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
TID

TRANSACTION SETS USED IN
806

CODE	DEFINITION & EXPLANATION
01	Beginning Activity *Starting activity for a project plan*
02	Ending Activity *Finish activity for a project plan*
03	Activity *Generic activity or work task*
04	Interface Activity (when 2 or more separate networks are combined to create 1 network) *An activity that links one or more separate, but related, project plans*
05	Summary Activity *An activity that sums the amount of time (and resources) for lower level tasks or activities*
06	Milestone *A specific event or deliverable item*
07	Event *A specific end result or deliverable item*
08	Constraint - Finish to Start *A relationship type for activities - the succeeding activity can't start until the preceding activity is complete*
09	Constraint - Start to Finish *A relationship type for activities - the preceding activity can't start until the succeeding activity is finished*
10	Constraint - Finish to Finish *A relationship type for activities - the preceding activity can't finish until the succeeding activity is finished*
11	Constraint - Start to Start *A relationship type for activities - the preceding activity can't start until the succeeding activity starts*
12	Constraint - Dummy *A relationship type for activities to show interdependency between two activities on arrow diagram method activities*
20	Cost Account Activity *An activity with an assigned cost account number*
21	Work Package Activity *An activity with an assigned work package number*
22	Data Item *An assigned data item effort, task, or activity*
PI	Maintenance Period Identifier
PM	Proposed Maintenance Action

SM Scheduled Maintenance Action
ZZ Mutually Defined

1174 - Task Identifier

To identify a taskor activity or event number TYPE=**AN** MIN=**1** MAX=**20**

SEGMENTS USED IN (AS SIMPLE)

TID

TRANSACTION SETS USED IN

806

1175 - Relationship Task Identifier

To identify a related (successor) taskor activity or event number TYPE=**AN** MIN=**1** MAX=**20**

SEGMENTS USED IN (AS SIMPLE)

TID

TRANSACTION SETS USED IN

806

1176 - Employment Class Code

Code indicating category of employee TYPE=ID MIN=2 MAX=3

SEGMENTS USED IN (AS SIMPLE)
EC EMS

TRANSACTION SETS USED IN
113 130 132 138 155 186 189 194 198 200 201 248 252 255 267 274 284 286 540 820 833 834

CODE	DEFINITION & EXPLANATION
01	Union
02	Non-Union
03	Executive
04	Non-Executive
05	Management
06	Non-Management
07	Hourly
08	Salaried
09	Administrative
10	Non-Administrative
11	Exempt
12	Non-Exempt
13	Seasonal
14	Commissioned
15	Collective Bargaining
16	Officer
17	Highly Compensated
18	Key-Employee
19	Bargaining
20	Non-Bargaining
21	Owner
22	President
23	Vice President
24	Physician
25	Retiree
26	Treasurer
27	Attorney
28	Partner
29	Controller
30	Engineer
31	Associate
32	Principal
33	Consultant

34 Excluded From Top Paid
35 Owner in Prior Plan Year
36 Officer in Prior Plan Year
37 Corporate Officer or Owner
38 Open End Contract
39 Partnership
40 Regular Company Employee
41 Self Employed
42 Closed End Contract
43 Professional
44 Semi-Professional
45 Skilled
46 Unskilled
47 Contractor
48 Part Time
49 Temporary
50 Unemployed
51 Board of Directors
53 Driving
54 Keyboard
55 Manual or Physical
56 Sales
57 Supervisory
58 Travel
59 Lobbyist
60 Teacher
61 Research Professionals
62 Specialist
63 Support Professionals
64 Technical
65 Clerical
66 Crafts
67 Service
68 Faculty
69 Trades
ZY Other
ZZ Mutually Defined

1178 - Reporting Structure Identifier

Reporting structure identification TYPE=**AN** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

BSD G11 TID

TRANSACTION SETS USED IN

196 806 839 887

1179 - Customs Entry Type Group Code

Code identifying a group of entry types as filed with U.S. Customs and Border Protection (CBP) when goods enter the country

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

TAX

TRANSACTION SETS USED IN

154 830 838 840 843 850 851 855 860 865

CODE	DEFINITION & EXPLANATION
C	Consumption Entry *Customer is responsible for paying taxes on imported goods at the point of entry*
W	Warehouse Entry *Supplier is responsible for paying taxes on imported goods at point of entry by filing a consumption entry in their name*

1180 - Resource Code (or Identifier)

To identify a resource code or identifier (such as a specific skill, department, or material)

TYPE=**AN** MIN=**1** MAX=**20**

SEGMENTS USED IN (AS SIMPLE)

RSC

TRANSACTION SETS USED IN

806

1181 - Resource Type Code

Code identifying the type of allocation or resource being scheduled TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
RSC

TRANSACTION SETS USED IN
806

CODE	DEFINITION & EXPLANATION
01	Consumable
02	Recurring
03	One of
EA	Travel and Living Expenses, Actual
EF	Equipment Founded *Equipment with an operator*
EP	Travel and Living Expenses, Per Diem
EU	Equipment Unfounded *Equipment without an operator*
FR	Flat Rate
LA	Labor
LD	Labor Double Time
LE	Lease
LO	Labor Overtime (Time and a Half)
LP	Labor Premium
LS	Labor Straight Time
MA	Material
MC	Material, Consumable
MN	Material, Nonconsumable
OT	Other
SC	Subcontract

1185 - Public Record or Obligation Code

Code specifying the nature of public record or civil action obligation TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
CAI CIV RO

TRANSACTION SETS USED IN
200 833

CODE	DEFINITION & EXPLANATION
01	Foreclosure
02	Lawsuit
03	Outstanding Judgment
04	Tax Lien
05	Support Debt
06	Bankruptcy
07	Garnishment
08	Repossession
09	Collection
10	Divorce Decree
11	Custody Agreement
12	Financing Statement (Secured Loan)
13	Lien
14	Non-responsibility
15	Financial Counseling
16	Fictitious Name
17	Notice of Default
18	Forcible Detainer
19	Unlawful Detainer
20	Other Public Record or Obligation Type
ZZ	Mutually Defined

1186 - Type of Income Code

Code specifying the nature or source of income TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
AIN BFS SOI

TRANSACTION SETS USED IN
132 148 198 200 201 202 206 248 262 267 820 823 833 834 872

CODE	DEFINITION & EXPLANATION
02	Monthly Clothing Income
03	Monthly Pro Pay
04	Monthly Quarters
06	Overseas Annual Income
07	Monthly Ration
08	Bonus Income
09	Overtime Income
10	Commission Income
11	Income From Tips
12	Alimony
13	Child Support
14	Lawsuit
15	Next Pay Increase
16	Stock Options
17	Dividends
18	Profit Sharing
19	Interest
20	Base Employment Income
21	Base Employment Income plus Overtime
22	Base Employment Income plus Commissions, Bonus or Both
23	Self-Employment Income
24	W-2 Wage and Tax Statement
25	W-2 Wage and Tax Statement with Deferred Compensation
26	Income Eligible for Employer Matching
27	Compensation Required for Nondiscrimination Testing
28	Compensation Required for Internal Revenue Code 415 Testing
29	Employment
30	Real Estate
31	Nonemployment
32	Unknown Type of Income
33	Net Rental Income
34	Total Gross Income
35	Total Monthly Income

38 Veteran Affairs Benefits
39 Mortgage Differential Payments
40 Unemployment Compensation
41 Pension
42 Social Security
43 Welfare
44 Sale of Stocks and Bonds
45 Other Type of Income
46 Notes Receivable Income
47 Toke Income (Gambling Tips)
48 Last Pay Increase
49 Monthly Variable Housing Allowance
51 Highest Verified Income
52 Salary at Termination
53 Automobile Allowance
54 Aid for Dependent Children Benefits
55 Partnership Income
56 Corporation Income
57 "S" Corporation Income
An "S" corporation is a corporation type designation given by the Internal Revenue Service to a corporation meeting certain tests of ownership and profit distribution
58 Lottery Winnings
59 Trust Income
60 Expense Account Payments
61 Average Rent
62 Net Operating Income
63 Income Per Unit
64 Income Per Building
65 Income Per Area
66 Income Per Suite
67 Income Per Bay
68 Income Per Slip or Dock
69 Gross Sales
70 Continuation of Pay
71 Long Term Disability
72 Short Term Disability
73 Lump Sum Payment (Disability Event)
74 Lump Sum Payment (Fatality Event)
75 American Payroll Association Code
SEE CODE SOURCE 577
76 Primary Employment Wage
77 Concurrent Employment Wage
78 Discontinued Fringe Benefit Income
79 Continued Fringe Benefit Income

80 Average Employment Wage
81 Dividend and Interest
82 Gross Rental Income on Existing Rental Property
83 Insurance Payments
84 Workman's Compensation
85 Military Base Pay
86 Foster Care
87 Mortgage Credit Certificate
88 Military Flight Pay
89 Military Hazard Pay
91 Employment - Total
92 Earnings From Financial Assets - Total
93 Windfall Income - Total
94 Civil Action Income - Total
95 Monthly Overseas Pay
96 Military Combat Pay
AI Actual Income
BF Base Fringe Benefits
BG Budgeted Earnings
BS Beginning Salary Amount
C0 Base Compensation
C1 Supplemental Compensation
EI Estimated Income
HR Hourly Wage
K1 K1 Earnings
PD Per Diem
PS Sick Pay
S0 Supplement Excluding Fringe Benefits
S1 Fringe Benefits Supplement
S2 Co-curricular Activities Supplement
S3 Extra-curricular Activities Supplement
S4 Other Supplement
S5 Summer Salary
S6 Extended Salary
S8 Selected Benefits
SA Salary
SB Salary Plus Bonus
SC Salary Plus Commission
SL Sabbatical
SP Separation Pay
TC Total Annual Compensation
VP Vacation Pay
ZZ Mutually Defined

1187 - Type of Account Code

Code specifying the type of ownership TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
BEN CDA FAA FPT FTH INQ RO TLN

TRANSACTION SETS USED IN
111 155 197 198 200 201 265 267 268 273 833 834

CODE	DEFINITION & EXPLANATION
01	Sole (Individual)
02	Joint Ownership or Obligation in Severalty
03	Joint Owner or Obligation with the Right of Survivorship
04	Trust
05	Custodial
06	Corporate
07	Partnership
08	Authorized User
09	On Behalf Of
10	Terminated
11	Shared
12	Undesignated
13	Lessee
14	Contract for Deed Purchaser
15	Life Estate
16	Joint Contractual Liability
17	Joint Ownership
18	Nonapplicant Spouse
19	Participant
20	Maker (With Co-maker)
21	Co-maker
22	Borrower
23	Co-borrower
24	Borrower and Co-borrower
25	Joint with Spouse
26	Joint with Non-Spouse
27	Fee Simple
28	Leasehold
29	Charitable Institution
30	Estate
31	Export Account
32	Import Account
33	Local Account

1188 - Type of Personal or Business Asset Code

Code specifying the nature of personal or business property or asset TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
ASO PDP PPY

TRANSACTION SETS USED IN
155 187 201 270 271 272 833

CODE	DEFINITION & EXPLANATION
01	Vehicle
02	Furniture
03	Boat
04	Trailer
05	Investment Art
06	Collection of Objects
07	Airplane
08	Jewelry
09	Antiques
10	Other Property
11	Livestock
12	Camera Equipment
13	Business Equipment
14	Computer Equipment
15	Currency (Cash)
16	Silverware
17	Clothing
18	Furs
19	Sports Equipment
20	Guns
21	Tools
22	Electronics
23	Appliance
24	Liquor
25	All Contents
26	Service Truck
27	Tanker
28	Tractor
29	Truck
30	Accounts
31	Accounts Receivable
32	All Assets
33	Aqua Culture Stock

34 Building Materials
35 Building(s)
36 Capital Stock
37 Chattel Paper
38 Communications Equipment
39 Consigned Merchandise
40 Construction Equipment or Machinery or Both
41 Contract Rights
42 Endorsements
43 Equipment
44 Farm Products or Crops or Both
45 Fixtures
46 General Intangible(s)
47 Guarantor
48 Industrial Machinery or Equipment or both
49 Inventory
50 Lease
51 Life Insurance
52 Livestock Products or Crops or Both
53 Machinery
54 Mobile Homes
55 Negotiable Instruments
56 Notes Receivable
57 Oil, Gas and Minerals
58 Partnership Interest
59 Proceeds
60 Products
61 Products and Proceeds
62 Real Estate
63 Real Property
64 Savings
65 Specified Assets
66 Textile Goods
67 Timber
68 Transportation Equipment
69 Unspecified Assets
70 Agricultural Machinery or Equipment or both
71 Debentures
72 Guarantee from Affiliated Company
73 Guarantee from Parent
74 Personal Guarantees
75 Pumps
Pumps at Service Stations

76 Security Agreement
77 Service Bays
Service Station Bays
78 Fixed Assets
79 Land
80 Agricultural Land
81 Ambulance
82 Automobile
83 Barge
84 Bus
85 Business Assets
86 Cement Truck
87 Common Stock
88 Delivery Vehicle
89 Double Wheel Truck
90 Freight Container
91 Freight Train Car
92 Industrial Vehicle
93 Intangible Assets
94 Lorry
95 Motorcycle
96 Passenger Vehicle
97 Personal Assets
98 Pickup Truck
99 Preferred Stock
AA Tractor Trailer Truck
AB Van
AC Shipping Containers
AD Raw Materials
AE Office Fixtures
AF Ships
AG Residential Units
AH Commercial Units
AI Industrial Units
AJ Non-Voting Shares
AK Goods and Chattels Effects
AL Floating Charge
General assets of a company, present or future, used for Mortgage, charge or pledge purpose
AM Canada Bank Act Section 427 Assets
Certain merchandise, crops, in progress specified under Section 427 of the Canadian Bank Act and pledged for bankloans
AN Timberland
AO Other Liquid Assets

AP Other Non-Liquid Assets
AQ Voting Shares
ZZ Mutually Defined

1189 - Type of Credit Account Code

Code specifying the type of credit account TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

CDA TLN

TRANSACTION SETS USED IN

198 200 201 833

CODE	DEFINITION & EXPLANATION
C	Credit Line
H	Home Equity Line of Credit
I	Installment
M	Mortgage
O	Open
R	Revolving

1193 - Program Type Code

Code identifying a program type

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BCM BCS CPL CRT DLV MPP RLT

TRANSACTION SETS USED IN

196 202 203 206 501 839 890 892

CODE	DEFINITION & EXPLANATION
01	Research, Development, Test & Evaluation (RDT&E)
02	Production
03	Both RDT&E and Production
04	Other
05	Procurement
06	Advanced Design
07	Full Scale Development
08	Engineering and Manufacturing Development (EMD)
11	Single Family
13	Multifamily Construction
14	Multifamily Project
15	Single Family Serial Note
20	Concept Exploration
21	Demonstration Validation
22	Deployment
23	Low Rate Initial Production
24	Multiple
25	Single
31	Allowance
32	Contract Price
33	Equipment Agreement
34	Growth
35	Margin
36	Mark-Up
37	Merchandising *Purchase Order Based*
38	Services Agreement
39	Free-Goods
40	Drop Size
41	Fee Per Case
AQ	Adjustable Rate Mortgage with Off-Cycle Interest Charges
AR	Adjustable Rate Mortgages
AZ	Custom Adjustable Rate Mortgage

BD Buydowns
CL Construction Loan; Multifamily
CS Construction Loan with Split Interest Rate
GA Growing Equity Mortgage--Monthly Payments Increase 4% Annually Over the Life of the Loan
GD Growing Equity Mortgage--Monthly Payments Increase Annually at any Rate over the life of the Loan
GP Graduated Payment Mortgage--Monthly Payments Increase Annually for no more than the first 5 years of the Mortgage
GT Graduated Payment Mortgage--Monthly Payments Increase Annually for no more than the first 10 years of the Mortgage
MH Manufactured Housing
PL Project Loan; Multifamily
PN Project Loan with Non-Level Payments
SF Single Family Level Payment Mortgage
SN Serial Notes
SP Straight Pass-Through

1195 - Financial Information Code

Code representing financial accounting information TYPE=**AN** MIN=**1** MAX=**80**

SEGMENTS USED IN (AS SIMPLE)

FA2

TRANSACTION SETS USED IN

180 511 517 527 561 568 810 811 812 814 820 821 842 850 857 858 860 861 867 869 940 945 947

1196 - Breakdown Structure Detail Code

Code identifying details relating to a reporting breakdown structure tree TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
BSD CLI CRT FA2 PD

TRANSACTION SETS USED IN
180 194 196 251 501 511 517 527 561 568 650 805 810 811 812 814 820 821 839 842 843 850 857 858 860 861 865 867 869 892 940 945 947

CODE	DEFINITION & EXPLANATION
01	Labor *Direct labor costs*
02	Material *Direct material*
03	Other Direct Costs (ODC) *Other costs associated with a contract such as freight, travel, postage*
04	Subcontract *Direct subcontract*
05	Labor and Material *Sum of labor and material items*
06	Labor Overhead *Indirect costs associated with direct labor*
07	Material Overhead *Indirect costs associated with direct material*
08	Other Overhead *Indirect costs associated with other direct costs*
09	Total Overhead *Total of all indirect costs incurred on a contract*
10	Total General and Administrative *Total of all general and administrative types of indirect costs incurred on a contract*
11	Engineering Labor *Direct engineering labor*
12	Engineering Overhead *Indirect costs for engineering effort*
13	Manufacturing Labor *Direct manufacturing labor*
14	Manufacturing Overhead *Indirect costs for manufacturing effort*
15	Interdivisional Work Authorization *Work to be performed within the same company, but at a different division. Coding allows tracking of the costs associated with the other division (because indirect costs may be different, etc.)*
16	Intercomponent Work Authorization *Coding to identify different work groups who may be doing contract work for a specific company or division*

17 Change Document Number
Contract number to track change documents and related tasks or costs associated with contract changes

18 Funds Appropriation
Coding to track the source of funds (such as various government agencies)

19 Nonrecurring Labor
Labor costs that will only be incurred once

20 Nonrecurring Material
Material costs that will only be incurred once

21 Nonrecurring Other Direct Costs
Other direct contract costs that will only be incurred once

22 Nonrecurring Subcontract
Subcontract costs that will only be incurred once

23 Nonrecurring Labor and Material
Sum of labor and material costs that will only be incurred once

24 Nonrecurring Engineering Labor
Engineering labor costs that will only be incurred once

25 Nonrecurring Manufacturing Labor
Manufacturing labor that will only be incurred once

26 Recurring
Costs that will incur continually over the life of the contract

27 Nonrecurring
Costs that will only be incurred once

28 Total

29 Nonrecurring and Total

30 Recurring and Total

31 Direct Cost or Hours

32 Plant-wide Overhead

33 General & Administrative

34 Cost of Money

35 Profit or Fee

36 Total Price

37 Total Cost Less General & Administrative

38 Total Cost Plus General & Administrative

39 Other Costs

40 Standard

41 Variance

42 Purchased Equipment

43 Materials and Purchased Items

44 Quality Control Labor

45 Other Government Effort

46 Commercial Effort

47 Total Direct Cost Base

48 Indirect Labor

49 Employee Benefits

50 Payroll Taxes
51 Employment
52 Communications and Travel
53 Production Related
54 Facilities - Building and Land
55 Facilities - Furniture and Equipment
56 Administration
57 Future Business
58 Credits
59 Government Furnished Equipment
Government property provided to a contractor that is of a capital nature, including equipment, machine tools, test equipment, etc.; used in manufacturing or providing services in performance of a government contract
60 Government Furnished Material
Government property provided to a contractor that is incorporated into or attached to a deliverable end item, or that may be consumed or expended; this includes raw and processed materials, small tools, and supplies that may be consumed in performance of a government contract
61 Government Furnished Property
Government property provided to contractors for use in the performance of government contracts such as materials, special tooling, special test equipment, agency-peculiar property, and facilities
62 Engineering
63 Tooling
64 Tooling Design
65 Tooling Fabrication
66 Quality Control
67 Manufacturing
70 Total Salaries and Wages
71 Total Salaries and Wages and Employee Benefits
72 Total Purchased Equipment
73 Travel - Domestic
74 Travel - Foreign
75 Participant Stipends
77 Participant Travel
78 Participant Other
79 Participant Total
80 Publication Costs
81 Consultant Services
82 Computer Automated Data Processing (ADP) Services
83 Funding From Non-Federal Sources
84 Total Direct Costs
85 Human Subject Costs
86 Animal Costs
87 Alternations and Renovations

88 Cost Sharing
90 Project/Task
91 Advanced Procurement Indicator
A1 Department Indicator
A2 Transfer from Department
A3 Fiscal Year Indicator
A4 Basic Symbol Number
A5 Sub-class
A6 Sub-Account Symbol
A7 Subhead or Limit
AI Activity Identifier
Used to show the DoD Activity responsible for the financial transaction
SEE CODE SOURCE 529
AT Air Force Transportation Account Code (ATAC)
B1 Budget Activity Number
B2 Budget Sub-activity Number
SEE CODE SOURCE 529
B3 Budget Line Item Identification
B4 Project/Task/Budget Sub-Line
B5 Fund Code
SEE CODE SOURCE 529
B6 Advance Procurement Year
SEE CODE SOURCE 529
BE Business Event Type Code
SEE CODE SOURCE 529
BL Billings
BY Base Year Costs
C1 Program Element
SEE CODE SOURCE 529
C2 Budgetary Restrictions
SEE CODE SOURCE 529
C3 Funding Type
SEE CODE SOURCE 529
CC Cost Center Identifier
SEE CODE SOURCE 529
CM Commitments
CY Current Year Costs
D1 Defense Agency Level Organization
SEE CODE SOURCE 529
D2 Major Command Level Organization
SEE CODE SOURCE 529
D3 Field Level Organization
SEE CODE SOURCE 529
D4 Work Center
SEE CODE SOURCE 529
D5 Allotment Recipient
SEE CODE SOURCE 529
D6 Sub-allotment Recipient
SEE CODE SOURCE 529

D7 Work Center Recipient
SEE CODE SOURCE 529

E1 Major Reimbursement Source Code
SEE CODE SOURCE 529

E2 Detail Reimbursement Source Code
SEE CODE SOURCE 529

E3 Customer Indicator
SEE CODE SOURCE 529

EH Equipment Maintenance

ES Escalation

EX Expenditures

F1 Object Class
SEE CODE SOURCE 529

F2 Object Sub-class
SEE CODE SOURCE 529

F3 Government or Public Sector Identifier
SEE CODE SOURCE 529

F4 Foreign Currency Code
SEE CODE SOURCE 529

F5 Country Code
SEE CODE SOURCE 529

FA Functional Area
SEE CODE SOURCE 529

FC Funding Center Identification
SEE CODE SOURCE 529

FE Participant Fees

FP Fixed Price

FR Forward Priced

G1 Program or Planning Code
SEE CODE SOURCE 529

G2 Special Interest Code or Special Program Cost Code
SEE CODE SOURCE 529

H1 Cost Code
SEE CODE SOURCE 529

H2 Labor Type Code
SEE CODE SOURCE 529

H3 Cost Allocation Code
SEE CODE SOURCE 529

H4 Classification Code
SEE CODE SOURCE 529

I1 Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
SEE CODE SOURCE 529

IA Security Cooperation Implementing Agency
SEE CODE SOURCE 529

IN Insurance

J1 Document or Record Reference Number
SEE CODE SOURCE 529

J2 Standard Document Reference Number (SDRN) Line Item Number (SLIN)

J3 Standard Document Reference Number (SDRN) Sub Line Item Number (SSLIN)

K6 Accounting Classification Reference Code
SEE CODE SOURCE 529

L1 Accounting Installation Number
SEE CODE SOURCE 529

LM Labor - Military

M1 Local Installation Data
SEE CODE SOURCE 529

MD Movement Designator Code (MDC)

MR Management Reserve

N1 Transaction Type
SEE CODE SOURCE 529

NP Non-production

P1 Disbursing Station Number
SEE CODE SOURCE 529

P2 International Balance of Payments (IBOP) Code
SEE CODE SOURCE 529

P3 Disbursing Office Voucher Number
SEE CODE SOURCE 529

P5 Security Cooperation Case Line Item Identifier
SEE CODE SOURCE 529

RL Rental or Lease of Equipment or Facilities

S1 Security Cooperation Customer Code
SEE CODE SOURCE 529

S2 Security Cooperation Case Designator
SEE CODE SOURCE 529

SC Service Contracts

TA Transportation Account Code (TAC)

TC Termination Costs

TD Technical Data

TR Training

TU Participant Tuition

UB Undistributed Budget

WO Work Order Number
SEE CODE SOURCE 529

YB Beginning Period of Availability
SEE CODE SOURCE 529

YE Ending Period of Availability
SEE CODE SOURCE 529

ZZ Mutually Defined

1197 - Financial Transaction Status Code

Code indicating the status of the transaction TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
FIR

TRANSACTION SETS USED IN
821

CODE	DEFINITION & EXPLANATION
C	Canceled or Voided
D	Miscellaneous Debit
M	Miscellaneous Credit
O	Outstanding
P	Paid
R	Reconciled
S	Payment Stopped
AD	Adjustment
AV	Authorized
BA	Back Value, Transactions had been Posted to Incorrect Account
BM	Back Value, Miscellaneous
BP	Back Value, Only Partial Amount Credited/Debited to Account
BV	Back Value, Transaction Not Received by Bank
NA	Nonauthorized
RD	Return, Insufficient Data
RE	Re-deposit
RI	Return, Insufficient Funds
RN	Return
TR	Truncated

1198 - Contracting Funding Code

Code identifying the funding type

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BCM CFT

TRANSACTION SETS USED IN

196 839

CODE	DEFINITION & EXPLANATION
01	Multi-Year Procurement *Contract procurement that extends beyond one year*
02	Incrementally Funded Contract (INC) *Contract funded in increments based on agreed performance criteria*
03	Contract for a Single Year (SYC) *Funding for a contract for a single, specific year*

1199 - Appropriation Code

Code indicating the funds appropriation TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
CFT

TRANSACTION SETS USED IN
839

CODE	DEFINITION & EXPLANATION
01	Research, Development, Test & Evaluation (RDT&E)
02	Procurement (PROC)
03	Operations and Maintenance (O&M)
04	Military Construction (MILCOM)
ZZ	Mutually Defined

1201 - Information Status Code

Code indicating the status of information

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

API EC INR ITC MPI RET SIN SPR

TRANSACTION SETS USED IN

155 186 198 261 262 266 267 270 271 274 285 501 834 838 885

CODE	DEFINITION & EXPLANATION
A	Partial
B	Low Industry Score
C	Current
D	Medium Industry Score
E	High Industry Score
L	Latest
O	Oldest
P	Prior
S	Second Most Current
T	Third Most Current

1202 - Flexible Spending Account Selection Code

Code indicating selection of a type of Flexible Spending Account TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

FSA

TRANSACTION SETS USED IN

834

CODE	DEFINITION & EXPLANATION
D	Dependent Care
E	Education
H	Healthcare
L	Legal
Z	Mutually Defined

1203 - Maintenance Reason Code

Code identifying the reason for the maintenance change TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
CRI FSA HD INS IPU LC PLA RP

TRANSACTION SETS USED IN
148 266 270 271 278 540 811 820 834 838

CODE	DEFINITION & EXPLANATION
01	Divorce
02	Birth
03	Death
04	Retirement
05	Adoption
06	Strike
07	Termination of Benefits
08	Termination of Employment
09	Consolidation Omnibus Budget Reconciliation Act (COBRA) *A federal act that enables an insured, spouse, or dependent to continue benefits after a qualifying event which would otherwise cause them to lose their benefits*
10	Consolidation Omnibus Budget Reconciliation Act (COBRA) Premium Paid
11	Surviving Spouse
12	Lay Off
13	Leave of Absence
14	Voluntary Withdrawal
15	Primary Care Provider (PCP) Change
16	Quit
17	Fired
18	Suspended
19	Sabbatical
20	Active
21	Disability *A physical or mental condition that makes an insured incapable of performing one or more duties of his or her own occupation*
22	Plan Change
23	Furloughed
24	Resigned
25	Change in Identifying Data Elements *A change has been made to the primary elements that identify a specific person or relationship; such elements can include but are not limited to first name, last name, social security number, date of birth, and identification number.*
26	Declined Coverage
27	Pre-Enrollment
28	Initial Enrollment

29 Benefit Selection

30 Discrimination Test
A deferral-percentage test, defined by the Internal Revenue Code, to ensure a defined contribution retirement plan complies with limitations on contributions made by highly compensated employees as compared to all other employees covered by the plan

31 Legal Separation

32 Marriage

33 Personnel Data
General information about the participant

34 Investment Elections and Contribution Rates
Percentage of contributions to be invested in specified funds and percentage of salary which the participant has elected to contribute to specified sources (or categories)

35 Loan Repayment
Financial information for repayment of the participant's loan

36 Contribution or Plan Allocation
Financial information for contributions made to the plan

37 Leave of Absence with Benefits

38 Leave of Absence without Benefits

39 Lay Off with Benefits

40 Lay Off without Benefits

41 Re-enrollment

42 New Entity

43 Change of Location

44 Change of Telephone Number

45 Went Out of Business

46 Current Customer Information File in Error

47 Account Balance Reporting

48 Fees Processing

49 Interfund Transfer

4A Business Name Change

4B Business Name Correction

4C Physical or Mailing Address Correction

50 Loan Request

51 Enrollment in Subsequent Benefit Plan

52 Health Care Facility Change

53 Name Synonym Add

54 Sub Location Add

55 Sub Location Change

56 Sub Location Expire

57 Buyout

58 Merger

59 Non Payment

60 Coverage Placed Elsewhere

61 Duplicate Coverage

62 Change in Ownership

63 Business Sold
64 Underwriting Reason
65 No Employees, Exposure or Operations
66 Revocation of Voluntary Market Acceptance
67 Include Primary Business Management
Primary Business Management includes corporate officer, partner or sole proprietor
68 Exclude Primary Business Management
Primary Business Management includes corporate officer, partner or sole proprietor
69 Failure to Pay Deductible
70 Misrepresented Information
71 Rewritten
72 Adding a Jurisdiction
73 Deleting a Jurisdiction
75 Occupational Illness
76 Change Insured Federal Employer Identification Number (FEIN)
77 Change Employer Federal Employer Identification Number (FEIN)
78 Change Employer Unemployment Insurance (UI) Code
79 Change Policy Number
80 Modification without a Specific Operating Unit Location in Jurisdiction
81 Change Policy Effective Date
82 Change Policy Expiration Date
83 Change Insurer Federal Employer Identification Number (FEIN)
84 No Eligible Employees
85 Reinstatement - Canceled in Error
86 Change in Insured Information
87 Change in Employer Information
88 Parent Identification Change
89 Change to Expiration Date
90 Phone Verify Only
91 Name Synonym Delete
92 Duplicate Entry on Customer Identification File
93 Removal of the Customer Identification File Merge ID
94 Removal of the Customer Identification File Buyout ID
95 Removal of the Customer Identification File in Error ID
96 Re-activation of an Out-of-Business Customer
97 Sub-location Reinstatement
AA Dissatisfaction with Office Staff
AB Dissatisfaction with Medical Care/Services Rendered
AC Inconvenient Office Location
AD Dissatisfaction with Office Hours
AE Unable to Schedule Appointments in a Timely Manner
AF Dissatisfaction with Physician's Referral Policy
AG Less Respect and Attention Time Given than to Other Patients
AH Patient Moved to a New Location

AI No Reason Given
AJ Appointment Times not Met in a Timely Manner
AL Algorithm Assigned Benefit Selection
EC Member Benefit Selection
XB Became Medical Only
XI Indemnity
XL Became Lost Time
XM Medical Only
XN Notification Only
XT Transfer
ZZ Mutually Defined
BND Binder
CAN Cancel/Rescind
CVC Coverage Change
DRC Driver Change
EPI Evidence of Insurance
ITC Intent to Cancel
IRM Interest Removed
INC Interest Change
NBS New Business Declaration
PCH Policy Change
PPD Premium Paid
REI Reinstatement
REW Rewrite
RIX Reissue
RNR Reversal of Non-Renewal
RWF Renewal Offer Without Pay
RWL Renewal Bill
RWX Non-Renewal
VDL Vehicle Deleted
VHC Vehicle Changed
XLC Cancellation

1204 - Plan Coverage Description

A description or number that identifies the plan or coverage TYPE=**AN** MIN=**1** MAX=**50**

SEGMENTS USED IN (AS SIMPLE)

EB FSA HD IDC LC RP SBI

TRANSACTION SETS USED IN

271 540 820 834

1205 - Insurance Line Code

Code identifying a group of insurance products TYPE=ID MIN=2 MAX=3

SEGMENTS USED IN (AS SIMPLE)
HD LC RP

TRANSACTION SETS USED IN
540 820 834

CODE	DEFINITION & EXPLANATION
AC	Basic Life *A plan that provides a benefit payable upon death of the insured from any cause and is offered to all employees within a company*
AF	Supplemental Life *A plan that provides voluntary coverage to supplement a basic plan*
AG	Preventative Care/Wellness
AH	24 Hour Care
AI	Workers Compensation
AJ	Medicare Risk
AK	Mental Health
AM	Alternative Medicine *Bundled alternative medicine services as defined between trading partners*
AP	Paid Up Life *Employee's contributions received by the employer to purchase insurance which continues in force until the death of the employee or until the case value of the insurance is returned to the employee*
AR	Dependent Life
AU	Acupuncture
BC	Death and Dismemberment
BE	Supplemental Death and Dismemberment
BH	Weekly Indemnity *That form of short-term disability income that provides for the payment of a weekly benefit for disability due to an accident or illness*
BK	Weekly Indemnity - New York Employees
CC	Chiropractic Care
CV	Employee Comprehensive
HE	Hearing
LL	Lifestyle Life (Individualized Basic Life)
MM	Major Medical
NQ	Non-Qualified *Any plan under which the employer and employees are not entitled to favorable tax benefits*
UL	Universal Life *A plan that offers life insurance at low-term rates with a death benefit that increases over time with the addition of growing cash values in an interest-earning cash accumulation account*

UR Utilization Review
A committee of professionals in the medical field who review cases involving extended duration of hospitalization and patterns of care in order to establish guidelines in terms of actual medical necessity; their review will also include the efficiency of institutional use, the appropriateness of admission, services ordered and provided, length of stay, and discharge practices

403 403(B) Tax Sheltered Annuity
A section of the IRS regulations which allows a category of employees, such as teachers and educational staff, to contribute a portion of their salary (pretax) for the purchase of an annuity

AAA Durable Medical Equipment

AAB Foot Care

AAC Substance Abuse

ADD Accidental Death or Dismemberment
A form of health and accident insurance that provides payment to an insured's beneficiary or to the insured in the event of death or specific bodily losses resulting from an accident

ANC Ancillary

CDV Combined Dental and Vision

CHU 403(C) Church Exempt Annuity Plans Covered by ERISA

CLF Contributory Life
A term used to describe a life insurance plan under which the insured shares in the cost of the plan with the policyholder

COM Combined other than Dental and Vision
A product with combined insurance lines other than dental and vision only; products that include mandated Essential Health Benefits are not a combined product.

DCP Dental Capitation

DEN Dental

EMP 408(K) Employer Sponsored Qualified Defined Distribution Plans Funded with Individual IRA's

EPO Exclusive Provider Organization

FAC Facility

FSA Flexible Spending
An amount specified by an employee to be allocated towards health, legal, dependent, or educational expenses in compliance with government regulations

GDC 457(B) Government Deferred Compensation
A plan for employees of a State or Municipality which allows them to contribute a portion of their salary (pretax) to be invested and paid out at the time of their retirement or severance

HLT Health

HMO Health Maintenance Organization
An organization that provides a wide range of comprehensive health care services for a specified group at a fixed periodic payment

IRA Group Individual Retirement Account
A defined benefits retirement plan established by organizations for their employees

IRC 408(B) Individual Retirement Account (IRA) Annuity Contract
A section of the IRS regulations which allows an individual to purchase an annuity and defer taxation on the principal and interest until distribution

LTC Long-Term Care
A plan that provides a specified dollar benefit or more commonly a percent of expenses

charged if a covered person suffers a loss of functional capacity due to an accidental injury or sickness

LTD Long-Term Disability
A plan that provides a source of monthly income for covered employees who are unable to work because of total disability; benefits are payable for a period of 5 to 10 years, or more commonly to the employee's normal age of retirement

MOD Mail Order Drug

NGD 457(F) Non-Government Deferred Compensation
A plan for employees of an organization, such as a religious, non-profit, or fraternal group, which allows them to contribute a portion of their salary (pretax) to be invested and paid out at the time of their retirement or severance

PDG Prescription Drug

POS Point of Service

PPO Preferred Provider Organization

PRA Practitioners

PSP Profit-Sharing Plan
A plan established and maintained by an employer to provide for the participation in his profits by his employees or their beneficiaries

QDA 401(K) Qualified Cash or Deferred Arrangement
A section of the IRS regulations which allows an employee to contribute a portion of their salary (pretax) to be invested in a defined contribution plan; the taxation is deferred until the time of withdrawal

QDC 401(A) Qualified Defined Contribution
A section of the IRS regulations which allows an employee to contribute a portion of their salary (after-tax) to be invested in a defined contribution plan; the taxation on the earnings of these contributions will be deferred until the time of withdrawal

STD Short-Term Disability
A plan that provides a source of income for covered employees who are unable to work because of disability; benefits are payable for a period of 13, 26, or 52 weeks

VIS Vision

ZZZ Mutually Defined

1207 - Coverage Level Code

Code indicating the level of coverage being provided for this insured TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
EB EQ HD SV7

TRANSACTION SETS USED IN
270 271 540 820 834 837

CODE	DEFINITION & EXPLANATION
CHD	Children Only
DEP	Dependents Only
E1D	Employee and One Dependent
E2D	Employee and Two Dependents
E3D	Employee and Three Dependents
E5D	Employee and One or More Dependents
E6D	Employee and Two or More Dependents
E7D	Employee and Three or More Dependents
E8D	Employee and Four or More Dependents
E9D	Employee and Five or More Dependents
ECH	Employee and Children
EMP	Employee Only
ESP	Employee and Spouse
FAM	Family
IND	Individual
S1C	Subscriber and 1 child
S5C	Subscriber and 1 or more children
S6C	Subscriber and 2 or more children
SPC	Spouse and Children
SPO	Spouse Only
SS1	Subscriber, spouse, and 1 child
SS5	Subscriber, spouse, and 1 or more children
SS6	Subscriber, spouse, and 2 or more children
SSP	Subscriber and spouse
TWO	Two Party

1209 - Underwriting Decision Code

Code indicating the decision made by the underwriter TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
HD MIR UD

TRANSACTION SETS USED IN
186 260 263 267 273 540 820 834

CODE	DEFINITION & EXPLANATION
A	Approved
B	Approved after Reevaluation
C	Conditioned
D	Declined
I	Certified
N	Not Medically Underwritten
S	Suspended *Underwriter's decision withheld pending additional information*

1211 - Drug House Code

Code indicating a drug house with which the insurance plan is affiliated TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

HD

TRANSACTION SETS USED IN

540 820 834

CODE	DEFINITION & EXPLANATION
AM	Americas
NP	National Pharmacy
ZZ	Mutually Defined
BAX	Baxter-Travenol
FLR	Flex Rx
HCS	Health Case Services
PCS	Pharmaceutical Card System (PCS) *Card vendor for the purchase of over-the-counter drugs at a copay amount ($2, $5, etc.)*
THR	Thrift

1212 - Health-Related Code

Code indicating a specific health situation

TYPE=**ID** MIN=**1** MAX=**1**

COMPOSITE DATA STRUCTURES USED IN
C061

SEGMENTS USED IN (AS COMPONENT)
HLH

TRANSACTION SETS USED IN
834

CODE	DEFINITION & EXPLANATION
B	Obesity
E	Eating Disorder
N	None
P	Pregnancy
S	Substance Abuse
T	Tobacco Use
U	Unknown

1213 - Current Health Condition Code

Code indicating current health condition of the individual TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
FH HLH UM

TRANSACTION SETS USED IN
186 267 278 834

CODE	DEFINITION & EXPLANATION
1	Acute
2	Stable
3	Chronic
4	Systemic
5	Localized
6	Mild Disease
7	Normal, Healthy
8	Severe Systemic disease
9	Severe Systemic Disease that is a Constant Threat to Life
E	Excellent
F	Fair
G	Good
P	Poor

1214 - Salary Grade

The salary grade code assigned by the employer

TYPE=**AN** MIN=**1** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

ICM

TRANSACTION SETS USED IN

834

1215 - Identification Card Type Code

Code identifying the type of identification card TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
IDC

TRANSACTION SETS USED IN
834

CODE	DEFINITION & EXPLANATION
D	Dental Insurance
E	Hearing Benefit
H	Health Insurance
P	Prescription Drug Service Drug Insurance
V	Vision Benefit

1216 - Benefit Status Code

Code identifying the type of coverage under which benefits are paid TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

ACT INS

TRANSACTION SETS USED IN

148 186 198 201 248 252 255 267 268 270 271 273 274 278 820 821 822 833 834

CODE	DEFINITION & EXPLANATION
A	Active
B	BlackLung
C	Consolidated Omnibus Budget Reconciliation Act (COBRA) *A federal act that enables an insured, spouse, or dependent to continue benefits after a qualifying event which would otherwise cause them to lose their benefits*
I	Involuntary
S	Surviving Insured
T	Tax Equity and Fiscal Responsibility Act (TEFRA)
V	Voluntary

1218 - Medicare Plan Code

Code identifying the Medicare Plan

TYPE=**ID** MIN=**1** MAX=**1**

COMPOSITE DATA STRUCTURES USED IN
C052

SEGMENTS USED IN (AS COMPONENT)
INS

TRANSACTION SETS USED IN
270 271 278 820 834

CODE	DEFINITION & EXPLANATION
A	Medicare Part A *Portion of Medicare bill involving patient's hospital stay; hospital insurance*
B	Medicare Part B *Portion of Medicare bill involving charges by doctor, or other non hospital related services*
C	Medicare Part A and B
D	Medicare *Federal program to pay the medical expenses of those people who are either 65 years or older, disabled to the extent that they receive other Social Security benefits, dependents of deceased Social Security recipients under the age of 21, or chronic renal disease patients*
E	No Medicare
F	Medicare Part D
G	Medicare Part A and D
H	Medicare Part B and D
I	Medicare Part A, B and D

1219 - Consolidated Omnibus Budget Reconciliation Act (COBRA) Qualifying Event Code

Code identifying a qualifying event which results in loss of coverage for a Qualified Beneficiary

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

INS

TRANSACTION SETS USED IN

270 271 278 820 834

CODE	DEFINITION & EXPLANATION
1	Termination of Employment *The termination or reduction in hours of the employee's employment, excluding termination due to gross misconduct. Maximum coverage period is 18 months*
2	Reduction of work hours *The termination or reduction in hours of the employee's employment, excluding termination due to gross misconduct. Maximum coverage period is 18 months*
3	Medicare *The employee's entitlement to Medicare benefits. Dependents only qualify for continuation of coverage. Maximum coverage period is 36 months*
4	Death *Death of the employee. Maximum coverage period is 36 months*
5	Divorce *Divorce or legal separation of the employee from his or her spouse. Maximum coverage period is 36 months*
6	Separation *Divorce or legal separation of the employee from his or her spouse. Maximum coverage period is 36 months*
7	Ineligible Child *A dependent child ceases to qualify as a dependent child under the plan's dependent definition. Maximum coverage period is 36 months*
8	Bankruptcy of Retiree's Former Employer (26 U.S.C. 4980B(f)(3)(F))
9	Layoff
10	Leave of Absence
ZZ	Mutually Defined

1220 - Student Status Code

Code indicating the student status of the patient if 19 years of age or older, not handicapped and not the insured

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

INS PAT

TRANSACTION SETS USED IN

270 271 276 277 278 820 834 837

CODE	DEFINITION & EXPLANATION
F	Full-time
N	Not a Student
P	Part-time

1221 - Provider Code

Code identifying the type of provider TYPE=ID MIN=1 MAX=3

SEGMENTS USED IN (AS SIMPLE)
PRV

TRANSACTION SETS USED IN
270 271 275 278 834 837

CODE	DEFINITION & EXPLANATION
0	Entity
H	Hospital
R	Rural Health Clinic
AD	Admitting
AS	Assistant Surgeon
AT	Attending
BI	Billing
BS	Billing Service *Entity provides a statement of charges of medical goods and services*
CO	Consulting
CV	Covering
FA	Facility/Institutional
HH	Home Health Care
LA	Laboratory
ON	On Staff
OP	Operating
OR	Ordering
OT	Other Physician
P1	Pharmacist
P2	Pharmacy
PC	Primary Care Physician
PE	Performing
PR	Professional
PT	Pay-To
PU	Purchasing
RF	Referring
RN	Rendering
RP	Reporting Provider
SB	Submitting
SK	Skilled Nursing Facility
SU	Supervising

1222 - Provider Specialty Code

Code indicating the primary specialty of the provider, as defined by the receiver

TYPE=**AN** MIN=**1** MAX=**3**

COMPOSITE DATA STRUCTURES USED IN
C035

SEGMENTS USED IN (AS COMPONENT)
PRV

TRANSACTION SETS USED IN
270 271 275 278 834 837

CODE	DEFINITION & EXPLANATION
DEN	Denturist
DGP	Dental General Practice
END	Endodontics
IHG	Independent Hygienist
OPY	Oral Pathology
ORT	Orthodontics
OSY	Oral Surgery
PDT	Periodontics
PED	Pediatric Dentistry
PHD	Public Health Dentistry
PST	Prosthodontics

1223 - Provider Organization Code

Code identifying the organizational structure of a provider TYPE=ID MIN=3 MAX=3

SEGMENTS USED IN (AS SIMPLE)
PRV

TRANSACTION SETS USED IN
270 271 275 278 834 837

CODE	DEFINITION & EXPLANATION
001	Single Practice
002	Partnership
003	Professional Association (PA)
004	Clinic
005	Single Entity Facility or Hospital
006	Distinct Part Facility or Hospital
007	Individual
008	Corporation

1224 - Contribution Code

Code indicating the category of contribution TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
FC PEN

TRANSACTION SETS USED IN
148 820 823 834

CODE	DEFINITION & EXPLANATION
AC	All Categories of Contribution *Employee contributions are split based on the participant's elected percentages*
EA	Employer Contribution Amount
EB	Employee Pretax Basic *Regular occurring employee pretax contributions*
EC	Employee Post-Tax Basic *Regular occurring employee post-tax contributions*
ED	Employer Discretionary (Profit Sharing)
EI	Employee Pretax Individual Retirement Account *Employee pretax contributions to the employee's IRA*
EM	Employer Discretionary *Optional employer contributions usually based upon the employee account balance or a flat or fixed amount to all employees*
EP	Employee Pretax
ER	Employee Post-Tax Individual Retirement Account *Employee post-tax contributions to the employee's IRA*
ES	Employee Pretax Supplemental *Special occurring employee pretax contributions*
ET	Employee Post-Tax
EU	Employee Post-Tax Supplemental *Special occurring employee post-tax contributions*
IC	Claimant Contribution Amount
MB	Employer Pretax Match Basic *Regular occurring employer matching contributions based upon employee pretax contributions; regular occurring means that they happen based upon some predetermined frequency (i.e., with every deposit, quarterly, etc.)*
MS	Employer Pretax Match Supplemental *Special occurring employer matching contributions based upon employee pretax contributions; special occurring means that they happen based upon some event such as quarterly profits, annual bonus, etc.*
MT	Employer Post-Tax Match Basic *Regular occurring employer matching contributions based upon employee post-tax contributions*
MU	Employer Post-Tax Match Supplemental *Special occurring employer matching contributions based upon employee post-tax contributions*
NC	Nonqualified Matching Contribution

NQ Non-Qualified Voluntary Employee Contribution

PB Prior Plan Employee Pretax Basic
The amount contributed by an employee under the original plan; these contributions may have been subject to company match; the original plan has been superseded by a new plan; the current plan requires different handling of pretax basic contributions

PS Prior Plan Employee Post-Tax Supplemental
The amount contributed by an employee under the original plan; these contributions would not have been subject to company match; the original plan has been superseded by a new plan; the current plan requires different handling of post-tax supplemental contributions

PT Prior Plan Employee Post-Tax Basic
The amount contributed by an employee under the original plan; these contributions may have been subject to company match; the original plan has been superseded by a new plan; the current plan requires different handling of post-tax basic contributions

QC Employer Qualified Nonelective Contribution

QE Qualified Voluntary Employee Contribution

QM Qualified Matching Contribution

QP Qualified Employee Stock Option Plan
A plan where the company purchases stock for the employees

RA Rollover 401(A)
The employee's post-tax account balance which is transferred from one qualified 401A plan to another; a rollover avoids the tax liability for plan distributions

RK Rollover 401(K)
The employee's pretax account balance which is transferred from one qualified 401K plan to another; a rollover avoids the tax liability for plan distributions

RO Rollover

RP Employer Pretax

RS Prior Plan Employee Pretax Supplemental
The amount contributed by an employee under the original plan; these contributions would not have been subject to company match; the original plan has been superseded by a new plan; the current plan requires different handling of pretax supplemental contributions

RT Employer Post-Tax

SD Salary Deferral
An amount deferred from an employee's salary towards a vehicle specified by the employee

SP Spousal Individual Retirement Account
Employee contributions direct to the IRA of a spouse

ZZ Mutually Defined
Category of contributions defined by the trading partners

1225 - Disposition Code

Code specifying the disposition of removed part, subassembly, or assembly

TYPE=**AN** MIN=**3** MAX=**3**

Code Sources

67 95 215

SEGMENTS USED IN (AS SIMPLE)

PCS PRT

TRANSACTION SETS USED IN

141 142 143 841

CODE	DEFINITION & EXPLANATION
EXC	Exchange
FSO	Field StockOnly *These parts may be used only for replacement in machines in the field*
HLD	Hold
MOD	Modify *Minor change into a different configuration*
REN	Reworkto Equivalent to New Status *These parts should be reworked to where they can be certified as an equivalent to new status*
REP	Repair *Correct product deficiencies*
RET	Return *Send product back to sender*
REW	Rework *Repair and return to original owner*
SAL	Salvage *Remanufacture and resell product*
SAR	Scrap and Recycle *These parts should be scrapped into a recycling process*
SCR	Scrap *Remove product from service*
UAI	Use As Is

1226 - Repair Action Code

Code specifying if the required action is to repair or scrap, etc.; it also can be used to specify the particular type of repair task

TYPE=**AN** MIN=**1** MAX=**4**

Code Sources

67 95 215

SEGMENTS USED IN (AS SIMPLE)

REP

TRANSACTION SETS USED IN

142 143

CODE	DEFINITION & EXPLANATION
AL	Align
CL	Calibrate
CN	Clean
IN	Install
LB	Lubricate
MD	Modify
NT	No Trouble Found
RM	Remove
RP	Repair
RT	Replace
RW	Rewire
SC	Scrap
SD	Solder
TT	Tighten
UP	Update
WD	Weld

1227 - Repair Complexity Code

Code identifying the complexity of the repair TYPE=**AN** MIN=**1** MAX=**3**

Code Sources
67 95 215

SEGMENTS USED IN (AS SIMPLE)
REP

TRANSACTION SETS USED IN
142 143

CODE	DEFINITION & EXPLANATION
DAP	Difficult Access Part *Additional labor time required for removal and replacement of non-associated parts*
INT	Intermediate
MAJ	Major
MIN	Minor
OVH	Overhaul *Disassembly of product to its fundamental service level and rebuilt to service specifications*
OVR	Overhaul, Repair and Replace *Disassembly of product to its fundamental service level and rebuilt to service specifications including removal and reinstallation of product*
RAR	Repair and Replace *Remove product and install with like service replacement*

1228 - Causal Part Condition Code

Code describing the condition of the part or assembly that is the root cause of the problem being reported or repaired

TYPE=**AN** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

RC

TRANSACTION SETS USED IN

141 142 842

1229 - Complaint Code

Code identifying the basic reasons why this item is being repaired TYPE=**AN** MIN=**3** MAX=**6**

Code Sources
67 95 215

SEGMENTS USED IN (AS SIMPLE)
PRR

TRANSACTION SETS USED IN
142 143 841

CODE	DEFINITION & EXPLANATION
BRK	Broken
CON	Contaminated *Product contains foreign substance*
DED	Dead
DOA	Defective on Arrival *Product failed to meet functional requirements at time of delivery*
MOD	Modification Required *Product required minor change to meet customer expectations, no functional defect exists*

1230 - Type of Product Service Code

Code specifying the type of product service contract or the basis of the product service claim

TYPE=**ID** MIN=**2** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

FX4 PSC

TRANSACTION SETS USED IN

140 142 890

CODE	DEFINITION & EXPLANATION
AF	Authorized Field Change *Manufacturer's decision to modify/correct a select group of products operating under a defined set of parameters*
BA	Lease
BB	Purchase
BC	Life of Contract
CA	Campaign *A program initiated by the product's manufacturer to check, adjust, or recall a product for a particular problem; an example on a vehicle could be a safety or emission related recall coordinated with or through the United States government*
CB	Call Back
CC	Customer Courtesy
CG	Customer Goodwill Parts Adjustment *Goodwill adjustment on replacement parts*
CP	Customer Goodwill Policy Adjustment *Goodwill adjustment on original equipment*
CR	Credit for In-house Repair - Labor and Material
CS	Customer Goodwill Sales Adjustment *Goodwill adjustment to satisfy customer; however, no product defect was present*
CW	Customer Warranty
DD	Dealer Demonstration Warranty
DW	Dealer Warranty
EC	Engineering Change Activity
ED	Extended Dealer Warranty
EE	Extended Equipment Coverage
EF	Engineering Field Test
EM	Emissions Warranty
EW	Extended Vendor Warranty
FC	Fleet Contract
FW	Full Warranty
GC	Government Contract
GM	Government Mandated
GR	Government Recall

IO Information Only
No payment expected

LF Lifetime Warranty

LL Lifetime Limited Warranty

LO Labor Only

LP Life Percentage

LW Limited Warranty

MB Money Back Guarantee

MC Military Contract

MG Maintenance Cost Guarantee/Warranty
Warranty based on an established "not to exceed" maintenance cost which provides reimbursements for overpayment; the most common rates used are average repair cost per unit per year and cost per operating hour

MI Material Inspection
No payment expected

MR Manufacturer Recall

MS Manufacturer Standard

NE New Equipment Warranty

OW Option Warranty

PD Prior to Delivery
Repair performed prior to the equipment/vehicle being delivered/registered to the customer

PG Performance Guarantee/Warranty
Warranty based on an established standard of performance which provides reimbursements for substandard operation; this could involve rates such as meantime between failure (MTBF) or average miles per gallon

PL Parts and Labor

PO Parts Only

PW Purchase Warranty

QP Quality Problem Referral

RC Return for Warranty Claim

RD Received Damage

RN Recall Notice

RP Replacement Part Warranty

RR Return for Warranty Repair

RS Repeat Service

RT Return Warranty Replacement

SB Service Bulletin

SC Service Contract

SD Shipment Damage

SP Special Program
Extended participation by the manufacturer (beyond standard warranty terms)

SS Special Sales Allowance
Rebate

ST Standard Warranty

SW Software Warranty

TC Transportation Claim
Any non-warranty repair due to loss or damage to the equipment/vehicle while in the possession of the carrier

TP Third Party Repair
Repair was performed by a non-original equipment manufacturer's repairing outlet but the repair was authorized by the OEM

UE Used Equipment Warranty

WC Warranty Concession

1231 - Operation Environment Code

Code identifying the conditions under which this product will be used or the operating application of the product

TYPE=**AN** MIN=**2** MAX=**3**

Code Sources

215

SEGMENTS USED IN (AS SIMPLE)

PSC

TRANSACTION SETS USED IN

140 142

CODE	DEFINITION & EXPLANATION
01	Commercial
02	Harsh *Product used under severe duty cycle conditions*
03	Hazardous
04	Highway *Product is licensed for use on commercial right-of-ways*
05	Household
06	Industrial
07	Lease *Product subject to multiple users and operational environments*
08	Military
09	Normal
10	Off-road *Product not licensed for use on commercial right-of-ways*
11	Vehicle Mounted *Product used for auxiliary equipment*

1232 - Purchase Category Code

Code identifying the broad category of products or services being acquired

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BCH BEG BQT

TRANSACTION SETS USED IN

840 850 860

CODE	DEFINITION & EXPLANATION
AE	Architect and Engineering
CN	Construction
DR	Demolish, Dismantle or Replace
ED	Education
ER	Equipment Rental
EX	Extension
FC	Facilities
FL	Fellowship
HW	Hardware
IR	Inspect and Repair as Necessary
MD	Modification
OV	Overhaul
PS	Public Service
RD	Research and Development
RE	Repair
SB	Shipbuilding
SF	Student Financial Aid
SP	Supplies
SS	Student Services
SU	Subsistence
SV	Services
TE	Test and Evaluation
UT	Utilities

1233 - Service Classification Code

Code specifying uniformly categorize reasons for service actions or changes made to products, assemblies, sub-assemblies, parts or processes

TYPE=**AN** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

PRR

TRANSACTION SETS USED IN

142 143 841

CODE	DEFINITION & EXPLANATION
A	Design Defect
B	New Feature - Change in Functionality
D	New Feature - No Change in Functionality
E	Safety Problem
F	Safety and Reliability Improvement
G	Performance Improvement
H	Reliability Improvement
AC	Conditional Design Defect
CHR	Change of Requirements
CRD	Cost Reduction
CUR	Customer Request
CUS	Customer Reported Condition
DOC	Documentation Error
EXP	Expense *Excessive labor expense to maintain equipment*
FIR	Fire
LER	Legal Requirement
LOR	Loss of Revenue *Causes loss of Automatic Message Accounting (Toll Charges)*
MAA	Material or Component Availability
PAI	Packaging Improvement
SEI	Serviceability Improvement
STR	Standards Requirements
UIRA	Unscheduled or Unplanned Incident or Repair Action

1234 - Severity Condition Code

Code specifying the severity or urgency of the condition causing a repair, a service notification, or a product recall

TYPE=**AN** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PRR

TRANSACTION SETS USED IN

142 143 841

CODE	DEFINITION & EXPLANATION
1	Urgent - Requires Immediate Attention
2	Severe - Requires Quick Attention
3	Routine - When Next Serviced
4	Defer - may be deferred until next release

1236 - Payment Type Code

Code identifying type of payment information TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
BVA

TRANSACTION SETS USED IN
126

CODE	DEFINITION & EXPLANATION
6A	Balance Due Payment Advice
9A	Original Payment Advice
9B	Invoice Summary for Voucher
9C	Check/Voucher Cross Reference

1237 - Move Type Code

Code identifying type of move performed by the carrier TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
DEL

TRANSACTION SETS USED IN
121

CODE	DEFINITION & EXPLANATION
F	Final Delivery
J	Shuttle
P	Proportional
R	Refused
T	Transfer

1238 - Bay Type Code

Code identifying type of vehicle parking pattern TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
BVB

TRANSACTION SETS USED IN
127

CODE	DEFINITION & EXPLANATION
1	Standard Bay - Perpendicular
2	Load Line
3	Standard Bay - Herringbone

1239 - Capacity Qualifier

Code indicating the method of determining vehicle storage facility capacity

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BVB

TRANSACTION SETS USED IN

127

CODE	DEFINITION & EXPLANATION
01	Number of Vehicles Tightly Spaced - Available
02	Number of Vehicles Tightly Spaced - Used
03	Number of Vehicles Standard Spaced - Available
04	Number of Vehicles Standard Spaced - Used
05	Percentage Filled Tightly Spaced
06	Percentage Filled Standard Spaced
07	Percentage Empty Tightly Spaced
08	Percentage Empty Standard Spaced
AA	Acreage

1240 - Facility Characteristic Code

Code indicating characteristics of a vehicle shipping facility as qualified by DE 1241

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

SFC

TRANSACTION SETS USED IN

127

CODE	DEFINITION & EXPLANATION
A	Asphalt
C	Concrete
D	Dirt
G	Gravel
J	.25 Mile
K	.50 Mile
L	1 Mile
M	More Than 1 Mile
N	No
U	Unknown
Y	Yes
1G	One Gate
2G	Two or More Gates
AX	Asphalt, Frost Law Restrictions
BC	Brick or Cement Block
BW	Barbed Wire
CL	Chain Link
CX	Concrete, Frost Law Restrictions
DA	Direct Dial Access
FX	Fax Machine
GA	Guard on Site
GX	Gravel, Frost Law Restrictions
LK	Lock on Gates
NF	Not Fenced
NH	No Restrictions
OF	Office
RH	13 Feet 6 Inches or Less
RR	Rail Ramp
TP	Telephone
TR	Truckaway Ramp

1241 - Facility Characteristic Code Qualifier

Code specifying type of facility characteristic TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
SFC

TRANSACTION SETS USED IN
127

CODE	DEFINITION & EXPLANATION
A	Highway Access (United States or Interstate)
B	Access Roads
C	Communications
F	Facilities
H	Height Restrictions
L	Lights
P	Hazardous Materials in Area
S	Surface (Pavement Surface)
X	Security

1242 - Demand Area

Demographic sales area TYPE=**AN** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

DN

TRANSACTION SETS USED IN

128

1243 - Financial Status

Current credit condition of consignee TYPE=**AN** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

DN

TRANSACTION SETS USED IN

128

1244 - National Motor Freight Transportation Association Location Name

Code identifying city or location names as established by the National Motor Freight Transportation Association

TYPE=**AN** MIN=**2** MAX=**27**

Code Sources

21

SEGMENTS USED IN (AS SIMPLE)

RT

TRANSACTION SETS USED IN

129

1245 - Vehicle Identification Number (VIN) Plant Code

Code identifying assembly plant which manufactured a motor vehicle TYPE=ID MIN=1 MAX=1

Code Sources

157

SEGMENTS USED IN (AS SIMPLE)

RT1

TRANSACTION SETS USED IN

129

1246 - Special Rate Code

Code identifying rate with special applications or restrictions TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
RT1

TRANSACTION SETS USED IN
129

CODE	DEFINITION & EXPLANATION
BH	Backhaul *Lower rate predicated on prior movement of equipment being at full rate; regularly receiving moves*
RT	Roundtrip *Lower rate predicated on prior move origin equal to current move destination and prior movement of equipment being at full rate; same shipper for each move*
TA	Truckin Area *Lower rate predicated on availability area of empty equipment after completion of a different shipper's move; irregular occurrence*

1250 - Date Time Period Format Qualifier

Code indicating the date format, time format, or date and time format TYPE=**ID** MIN=**2** MAX=**3**

COMPOSITE DATA STRUCTURES USED IN

C022 C082 C083 C084 C085

SEGMENTS USED IN (AS COMPONENT)

CLP DMH EB HI

SEGMENTS USED IN (AS SIMPLE)

BCI BOR CCI CDA CIV CR6 CRI CRO CSI CSU DB DEF DEG DMG DN2 DTM DTP DVI ENM ENR ER ERP EXI FAA GR HC HS ICH IMM INS INT IRA ISC LID LN LN1 MIS MPI MPP PAT PCL PDL PIN PLI PPD PPY PRC PTS RAP REA SCT SES SLA SLI SOI SOM SPA SSC SST SUM TLN TOV TST VDI VRC YNQ

TRANSACTION SETS USED IN

100 101 103 104 105 109 111 112 113 120 121 124 130 131 132 133 135 138 139 140 141 142 143 144 146 148 149 150 151 152 153 154 155 157 158 159 160 161 170 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 205 206 228 242 244 245 248 250 251 252 255 256 259 260 261 262 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 300 301 304 309 310 311 312 315 322 323 324 326 355 358 359 362 404 410 412 417 418 421 422 423 424 426 431 432 433 434 435 437 451 452 453 455 456 475 500 501 503 504 521 540 561 568 601 603 620 625 650 753 805 806 810 811 812 813 814 815 816 818 819 820 821 822 823 824 826 827 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 855 856 857 860 861 862 863 864 865 866 867 869 870 872 873 874 877 885 886 887 890 892 893 894 897

CODE	DEFINITION & EXPLANATION
CC	First Two Digits of Year Expressed in Format CCYY *The first two characters in the year CCYY*
CD	Month and Year Expressed in Format MMMYYYY *Date expressed as Month, Month, Month, all upper case alpha and Year, Year, Year, Year e.g., JAN 1994, FEB 1994, etc*
CM	Date in Format CCYYMM
CQ	Date in Format CCYYQ *Date expressed as Year, Year, Year, Year, e.g., 1996, and Q as quarter within that year*
CY	Year Expressed in Format CCYY
D6	Date Expressed in Format YYMMDD
D8	Date Expressed in Format CCYYMMDD
DA	Range of Dates within a Single Month Expressed in Format DD-DD
DB	Date Expressed in Format MMDDCCYY
DD	Day of Month in Numeric Format *The numeric day of the month expressed using a lead zero if the number of the day is less than ten*
DT	Date and Time Expressed in Format CCYYMMDDHHMM
EH	Last Digit of Year and Julian Date Expressed in Format YDDD
KA	Date Expressed in Format YYMMMDD *Date expressed as Year, Year, Month, Month, Month, Day, Day, e.g., 94JAN01*
MD	Month of Year and Day of Month Expressed in Format MMDD
MM	Month of Year in Numeric Format *The month of the year consecutively numbered from one for January to twelve for December*

and expressed using a lead zero if the number of the month is less than ten

RD Range of Dates Expressed in Format MMDDCCYY-MMDDCCYY

TC Julian Date Expressed in Format DDD

TM Time Expressed in Format HHMM
Time expressed in the format HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerical expression of minutes within an hour

TQ Date Expressed in Format MMYY

TR Date and Time Expressed in Format DDMMYYHHMM

TS Time Expressed in Format HHMMSS
Time expressed in the format HHMMSS where HH is the numerical expression of hours in the day based on a twenty-four hour clock, MM is the numerical expression of minutes within an hour, and SS is the numerical expression of seconds within a minute

TT Date Expressed in Format MMDDYY

TU Date Expressed in Format YYDDD

UN Unstructured

YM Year and Month Expressed in Format YYMM

YY Last Two Digits of Year Expressed in Format CCYY
The year in the century (00 to 99)

DDT Range of Dates and Time, Expressed in CCYYMMDD-CCYYMMDDHHMM

DTD Range of Dates and Time, Expressed in CCYYMMDDHHMM-CCYYMMDD

DTS Range of Date and Time Expressed in Format CCYYMMDDHHMMSS-CCYYMMDDHHMMSS

DTT Date and Time Expressed in Format CCYYMMDDHHMMSSFFF
A date expressed in the format CCYYMMDDHHMMSSFFF where CC is the first two digits of the calendar year, YY is the last two digits of the calendar year, MM is the month (01 to 12), DD is the day in the month (01 to 31), HH is the hours in the day based on a twenty-four-hour clock (01-24), MM is the minutes in the hour (01-60), SS is the seconds in the minute (01-60), and FFF is the milliseconds in a second (001-999).

MCY MMCCYY

RD2 Range of Years Expressed in Format YY-YY

RD4 Range of Years Expressed in Format CCYY-CCYY

RD5 Range of Years and Months Expressed in Format CCYYMM-CCYYMM

RD6 Range of Dates Expressed in Format YYMMDD-YYMMDD

RD8 Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD
A range of dates expressed in the format CCYYMMDD-CCYYMMDD where CC is the first two digits of the calendar year, YY is the last two digits of the calendar year, MM is the month (01 to 12), and DD is the day in the month (01 to 31); the first occurrence of CCYYMMDD is the beginning date and the second occurrence is the ending date

RDM Range of Dates Expressed in Format YYMMDD-MMDD

RDT Range of Date and Time, Expressed in Format CCYYMMDDHHMM-CCYYMMDDHHMM
A range of dates and times expressed in the format CCYYMMDDHHMM-CCYYMMDDHHMM where CCYY is the numerical expression of the century CC and year YY, MM is the numerical expression of the month within the year, DD is the numerical expression of the day within the month, HH is the numerical expression of hours in the day based on a twenty-four hour clock, and MM is the numerical expression of minutes within an hour; the first occurrence of CCYYMMDDHHMM is the starting time and the second is the ending time

RMD Range of Months and Days Expressed in Format MMDD-MMDD

RMY Range of Years and Months Expressed in Format YYMM-YYMM

RTM Range of Time Expressed in Format HHMM-HHMM
A range of times expressed in the form HHMM-HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerical expression of minutes within an hour; the first occurrence of HHMM is the starting time and the second is the ending time

RTS Date and Time Expressed in Format CCYYMMDDHHMMSS

YMM Range of Year and Months, Expressed in CCYYMMM-MMM Format

1251 - Date Time Period

Expression of a date, a time, or range of dates, times or dates and times

TYPE=**AN** MIN=**1** MAX=**35**

COMPOSITE DATA STRUCTURES USED IN

C022 C074 C082 C083 C084 C085

SEGMENTS USED IN (AS COMPONENT)

CLP DMH EB HI WIN

SEGMENTS USED IN (AS SIMPLE)

BCI BGP BOR CCI CDA CIV CR6 CRI CRO CSI CSU DB DEF DEG DMG DN2 DTM DTP DVI ENM ENR ER ERP EXI
FAA GR HC HS ICH IMM INS INT IRA ISC LID LN LN1 MIS MPI MPP MRC PAT PCL PDL PIN PLI PPD PPY
PRC PTS RAP REA SCT SES SLA SLI SOI SOM SPA SSC SST SUM TLN TOV TST VDI VRC YNQ

TRANSACTION SETS USED IN

100 101 103 104 105 109 111 112 113 120 121 124 130 131 132 133 135 138 139 140 141 142 143 144
146 148 149 150 151 152 153 154 155 157 158 159 160 161 170 175 176 179 180 185 186 187 188 189
190 191 194 195 196 197 198 199 200 201 202 203 205 206 228 242 244 245 248 250 251 252 255 256
259 260 261 262 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286
288 300 301 304 309 310 311 312 315 322 323 324 326 355 358 359 362 404 410 412 417 418 421 422
423 424 426 431 432 433 434 435 437 451 452 453 455 456 475 500 501 503 504 521 540 561 568 601
603 620 625 650 753 805 806 810 811 812 813 814 815 816 818 819 820 821 822 823 824 826 827 829
830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 855
856 857 860 861 862 863 864 865 866 867 869 870 872 873 874 877 885 886 887 890 892 893 894 897

1254 - Immunization Status Code

Code indicating the status of an immunization conducted on a person TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

IMM

TRANSACTION SETS USED IN

130 189 837

CODE	DEFINITION & EXPLANATION
1	First Inoculation
2	Second Inoculation
3	Third Inoculation
4	Fourth Inoculation
5	Fifth Inoculation
6	Sixth Inoculation
7	Seventh Inoculation
8	Eighth Inoculation
9	Ninth Inoculation
10	Medical Exemption
11	Personal Exemption
12	Religious Exemption
13	Had the Disease
14	Has Not Had the Disease

1257 - Special Program Category Code

Code identifying the type of education program in which a student participates

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

SP

TRANSACTION SETS USED IN

130 133

CODE	DEFINITION & EXPLANATION
1	Learning Disabled
2	Speech Impaired
3	Communication Disordered or Impaired
4	Educable Mentally Retarded
5	Trainable Mentally Retarded
6	Severely or Profoundly Mentally Retarded
7	Emotionally Disturbed
8	Emotionally Vulnerable
9	Socially Maladjusted
10	Behaviorally Disordered
11	Hard of Hearing or Hearing Impaired
12	Deaf
13	Visually Handicapped
14	Blind
15	Deaf and Blind
16	Multi-handicapped
17	Orthopedically Impaired
18	Other Health Impaired
19	Traumatic Brain Injury
20	Autistic
21	Early Childhood
22	Developmentally Delayed
27	Other Special Education Program
28	Other Program (not Special Education)
99	Not Determined

1258 - Academic Grade

This indicates the grade received in an academic course TYPE=**AN** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CRS MKS

TRANSACTION SETS USED IN

130 132 189

1260 - Reported Data ID Code

Code identifying specific government reporting requirements TYPE=**AN** MIN=**1** MAX=**6**

Code Sources

171

SEGMENTS USED IN (AS SIMPLE)

GRI

TRANSACTION SETS USED IN

148 152

1261 - Reported Data Response

This element contains a condition or response TYPE=**AN** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

GRI

TRANSACTION SETS USED IN

148 152

1262 - Loan Type Code

Code identifying the loan program or type

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

ACD API CDA GR IDB PEN PLI SLI TLN

TRANSACTION SETS USED IN

135 139 144 155 191 198 200 201 261 262 266 274 820 823 833

CODE	DEFINITION & EXPLANATION
1	Subsidized Federal Stafford
2	Federal Supplemental Loans for Students (SLS)
3	Federal PLUS Loan to Parents
4	Unsubsidized Federal Stafford
5	Federal Consolidated Loan
6	Residential Loan
7	Personal Loan
8	Automobile
9	Unsecured
10	Secured
11	Partially Secured
12	Home Improvement
13	FHA Home Improvement
14	Installment Sales Contract
15	Charge Account
16	Real Estate, Specific Type Unknown
17	Secured by Co-signer
18	Business
19	Recreational
20	Educational
21	Lease
22	Co-maker
23	Check Credit or Line of Credit
24	FHA Co-maker (Not Borrower)
25	Mobile Home
26	Credit Card
27	FHA Real Estate Mortgage
28	Note Loan
29	Note Loan with Co-maker
30	Household Good (Secured)
31	Household Goods and Other Collateral Auto
32	Veterans Administration Real Estate Mortgage
33	Conventional Real Estate Mortgage

34 Real Estate Mortgage without Other Collateral
35 Rental Agreement
36 Summary of Accounts with Same Status
37 Unknown Loan Type
38 Debt Counseling Service
39 Employment
40 Combined Credit Plan
41 Debit Card
42 Credit Line - Secured
43 Collection Attorney
44 Insurance Claims
45 Child Support
46 Government Unsecured Guarantee Loan
47 Government Secured Guarantee Loan
48 Government Secured Direct Loan
49 Government Grant
50 Government Overpayment
51 Government Fine
52 Government Fee for Service
53 Government Employee Advance
54 Government Miscellaneous Debt
55 Government Benefit
56 Returned Check
57 Installment Loan
58 Fully Amortized First
59 Balloon First
60 Subordinate Mortgage
61 Home Equity Line of Credit
62 Wrap Around
63 Tax
64 Mortgage
65 Rehabilitation
66 One to Four Servicing
67 Special Service
90 Other
91 Refinance
92 Sale
93 Wholesale

1264 - Delayed Repayment Reason Code

Code identifying the reason for delayed repayment on a student loan TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
DEF

TRANSACTION SETS USED IN
135 191

CODE	DEFINITION & EXPLANATION
1	Full-Time Student
2	At Least Half-time Student
3	Graduate Fellowship
4	Internship or Residency
5	Rehabilitation Training
6	Armed Forces or Public Health Services or National Oceanic and Atmospheric Administration
9	Peace Corps
11	Tax-Exempt Organization Volunteer
12	Teacher Shortage
13	Temporarily Totally Disabled
14	Parental Leave
15	Mother of Preschool Child Re-entering Workforce
16	Unemployment - 36 months
17	Unemployment - 24 months
20	Persian Gulf War Active Duty
21	Pre-Bankruptcy
22	Bankruptcy
23	Special Case
24	Economic Hardship
25	Incarceration
26	Intent to Re-Enroll in School
27	ACTION Programs
28	Pre-deferment Delinquency
29	Late Repayment Start
30	Medical Problems
31	Interval between Disbursements
32	National Emergency (Military or Natural)
33	Due Diligence Cure
34	Conform Differing Due Dates
35	National Community Service
36	Education Loan Debt Burden
37	Revoked Deferment

1265 - Interest Payment Code

Code identifying the method of interest payment TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
DEF MNC

TRANSACTION SETS USED IN
135 191 205

CODE	DEFINITION & EXPLANATION
1	In-school Interest Paid Monthly by Borrower
2	In-school Interest Capitalized Quarterly
3	In-school Interest Paid Quarterly by Borrower
4	In-school Interest Capitalized Annually
5	In-school Interest Capitalized at Repayment
6	In Advance
7	In Arrears

1266 - Major Course of Study Code

Code indicating the student's major course of study TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
ENR

TRANSACTION SETS USED IN
135 190 191

CODE	DEFINITION & EXPLANATION
1	Agriculture
2	Architecture
3	Art
4	Biological Sciences
5	Business or Commerce
6	Communications
7	Community Service
8	Computer Science
9	Education
10	Engineering
11	Liberal Arts
12	Health Professions
13	Physical Sciences
14	Social Sciences
15	Trade, Industrial, Technical
16	Other or Undecided

1267 - Dependency Status Code

Code indicating the dependency status of the student TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

FNA

TRANSACTION SETS USED IN

135

CODE	DEFINITION & EXPLANATION
1	Dependent Undergraduate
2	Independent Undergraduate
3	Dependent Graduate
4	Independent Graduate
5	Dependent (Other)
6	Independent (Other)

1268 - Applicant Type Code

Code indicating the type of applicant

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

DMA

TRANSACTION SETS USED IN

135 186 187 191 252 255 267 273 284 285 309 358 359 418

CODE	DEFINITION & EXPLANATION
1	Student
2	Parent
3	Legal Guardian

1270 - Code List Qualifier Code

Code identifying a specific industry code list

TYPE=**ID** MIN=**1** MAX=**3**

COMPOSITE DATA STRUCTURES USED IN

C007 C022 C043 C056 C058

SEGMENTS USED IN (AS COMPONENT)

AWD ASO CLP DMG EB ENM HI ISI RAS STC

SEGMENTS USED IN (AS SIMPLE)

ATV BLN BSF CAT DD DEX DMG DN2 EDF EMT FIR HAD HC HS IGI III IMM ISI LQ LTE LTR MEA PDR PWK RED RIC RQS RSD SAD SCA SCT SLA TOO TSU YNQ

TRANSACTION SETS USED IN

100 103 105 111 112 113 124 130 132 133 135 138 139 140 142 143 144 146 147 148 155 159 160 161 175 176 179 180 185 186 187 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 219 220 228 244 248 252 255 256 259 261 262 264 265 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 304 309 310 353 355 358 359 362 404 410 412 417 418 422 423 424 426 432 435 463 470 500 501 503 504 511 517 527 536 540 561 567 568 601 603 620 625 650 753 810 811 812 814 816 819 820 821 822 824 826 827 830 832 833 834 835 836 837 838 840 841 842 843 844 845 846 847 848 849 850 853 855 856 857 858 859 860 861 863 865 866 867 869 870 872 873 874 881 885 888 890 892 897 940 945 947

CODE	DEFINITION & EXPLANATION
0	Document Identification Code *Codes that subclassify a transaction* SEE CODE SOURCE 350
1	Free On Board Site Code *The destination site where the seller agrees to deliver merchandise on board the conveyance without extra charge* SEE CODE SOURCE 350
2	Channel of Distribution Code *Indicates the distribution channel in which the item is sold* SEE CODE SOURCE 972
3	Kind of Contract Code *Various kinds of contracts for tailoring reports* SEE CODE SOURCE 350
4	Type of Contract Code *Types of contract pricing provisions* SEE CODE SOURCE 350
5	Criticality Designator Code *Classifies the order of importance of contracts for production and performance surveillance* SEE CODE SOURCE 350
7	Quality Assurance Site Code *The site at which quality assurance is performed* SEE CODE SOURCE 350
8	Acceptance Site Code *The site at which assent to ownership of contract line items takes place* SEE CODE SOURCE 350
A	American Society for Testing and Materials (ASTM) SEE CODE SOURCE 114

B Bank Administration Institute (BAI)
SEE CODE SOURCE 325

C Canadian Inter*EDI
SEE CODE SOURCE 326

D Court Document Type Code
SEE CODE SOURCE 412
SEE CODE SOURCE 448

E Diagnostic Statistical Manual of Mental Disorders Code List (DSM)
SEE CODE SOURCE 438

F Financial Rating
SEE CODE SOURCE 555

G Risk Class
SEE CODE SOURCE 557

H Life/Annuity Status Codes
SEE CODE SOURCE 563

I Identifying Characteristics
SEE CODE SOURCE 412
SEE CODE SOURCE 448

J Trade Code
SEE CODE SOURCE 645

K Property Underwriting Condition Code
SEE CODE SOURCE 646

L Line Item Condition Code
SEE CODE SOURCE 647

M Policy Type Code
SEE CODE SOURCE 648

N Valuation Type Code
SEE CODE SOURCE 649

O Source of Loss Code
SEE CODE SOURCE 650

P Ceiling Type Code
SEE CODE SOURCE 651

Q Surface Descriptor Code
SEE CODE SOURCE 652

R Coverage Modifier
SEE CODE SOURCE 653

S Society for Worldwide Interbank Financial Telecommunications (SWIFT)
SEE CODE SOURCE 327

T Personal Property and Contents Code
SEE CODE SOURCE 654

U Residential and Commercial Room Code
SEE CODE SOURCE 655

V Violation Type Code List
SEE CODE SOURCE 535

W Court Issued Warrant Type Code
SEE CODE SOURCE 412
SEE CODE SOURCE 448

X Vehicle Class
SEE CODE SOURCE 712

Y Rental Charge
SEE CODE SOURCE 714

Z Cancellation Reason
SEE CODE SOURCE 715

10 Transaction Status Indicator Code
A transaction other than normal and therefore requiring special handling
SEE CODE SOURCE 350

11 Contract Delivery Date Revision Agent Code
The kind of organization that caused an item to be undeliverable within the contract time schedule
SEE CODE SOURCE 350

12 Reason for Contract Delivery Date Revision Code
The reason why delivery of an item will not be made by the contract delivery date
SEE CODE SOURCE 350

13 Recommendations Regarding Delayed Deliveries Code
Describes which actions should be taken on delayed deliveries from contractors
SEE CODE SOURCE 350

14 Contract Shipment Advice Code
Information about a shipment of material from a contractor to the government
SEE CODE SOURCE 350

15 Individual Insurance Financial Detail
SEE CODE SOURCE 667

16 Cash Discount Stipulation Code
When cash discount terms for prompt payment apply to the contract
SEE CODE SOURCE 350

17 Shipment Acceptance Discrepancy Explanation Code
Either the reason for a difference between the quantity shipped and accepted, or why documentation is missing or incomplete
SEE CODE SOURCE 350

18 Insurance Plan Description Characteristics
SEE CODE SOURCE 556

19 Contract Close-out Group Code
Classifies contracts to evaluate the closing of physically complete contracts against the established time standard
SEE CODE SOURCE 350

20 Payment Type Code
Type of payment made to a contractor in anticipation of performance, actual performance, or partial performance of a contract
SEE CODE SOURCE 350

21 Contract Fund Reporting Transaction Code
Type of cash record specified in a notice of contract payment
SEE CODE SOURCE 350

22 Contract Payment Deduction or Collection Code
Authorized deduction and collection conditions that can be used to adjust gross amounts or reflect monies collected
SEE CODE SOURCE 350

23 Obligation Variance Code
Codes that indicate a difference that changes the gross amount to be paid to the contractor from those amounts recorded as payable by the contract
SEE CODE SOURCE 350

24 Plus or Minus Indicator Code
Codes that signify whether a data field is to be considered algebraically positive or negative
SEE CODE SOURCE 350

25 Reason for Delayed Closing of Contract File Code
Factors that contribute to the delay in closing a contract file within the time period established as the norm
SEE CODE SOURCE 350

26 Contract Payment Line Item Status Code
Status of a contract line item after a particular payment or collection has been applied
SEE CODE SOURCE 350

27 Special Reimbursable Provisions Code
Requirements expressing contractor responsibilities not directly involving performance for which the contractor may be reimbursed
SEE CODE SOURCE 350

28 Kind of Modification Code
Specific conditions concerning the modification of header records
SEE CODE SOURCE 350

29 Purchasing Contract Officer (PCO) Instructions Code
Instructions in response to recommended actions regarding actual or anticipated changes to contract line item delivery dates
SEE CODE SOURCE 350

30 Type of Delay Code
Identifies the nature of a delay in delivery
SEE CODE SOURCE 350

31 Healthcare Provider Characteristics and Resources
SEE CODE SOURCE 683

32 Container and Roll-on/Roll-off Number Code
Specific containers, unitized pallets, or roll-on/roll-off trailers
SEE CODE SOURCE 350

33 Air Commodity and Special Handling Code
An air commodity and its special handling requirements
SEE CODE SOURCE 350

34 Water Commodity and Special Handling Code
A water commodity and its special handling requirements
SEE CODE SOURCE 350

35 Air Dimension Code
A shipment has one or more outsized dimensions, or is consolidated, or both
SEE CODE SOURCE 350

36 Air Terminal Identifier Code
Identifies the name and location of air terminals worldwide
SEE CODE SOURCE 350

37 Water Terminal Identifier Code
Identifies water ports worldwide
SEE CODE SOURCE 350

38 Consolidation and Containerization Point Code
Activities that consolidate cargo for overseas movement
SEE CODE SOURCE 350

39 Transportation Mode or Method Code
The mode used for each segment of movement within the transportation system
SEE CODE SOURCE 350

40 Type Pack Code
The type of packaging, a conex container, who loaded it, and to what capacity
SEE CODE SOURCE 350

41 Date Shipped or Received Code
Dates and times of a shipment
SEE CODE SOURCE 350

42 Estimated Time of Arrival Code
The number of days a shipment will be in transit
SEE CODE SOURCE 350

43 Military and Civilian Grade Code
The grade of the owners of personal property shipments
SEE CODE SOURCE 350

44 Seavan Ownership Code
The owner of a seavan
SEE CODE SOURCE 350

45 Ocean Carrier Code
An ocean carrier
SEE CODE SOURCE 350

46 Voyage Document Number Code
Identifies the booking office and assigns an area subdivision serial number
SEE CODE SOURCE 350

47 Voyage Manifest Reference Code
The sequence in which manifests were issued
SEE CODE SOURCE 350

48 Vessel Status and Terms of Carriage Code
Specifies the type of shipping and payment and who loads and unloads the vessel
SEE CODE SOURCE 350

49 Vessel Sustaining Code
The physical capability of the ship's gear to load and unload cargo
SEE CODE SOURCE 350

50 Subrogation Action Code
SEE CODE SOURCE 580

52 Billing Advice Code
The nature of the request or problem
SEE CODE SOURCE 350

53 Billing Status Code
Codes that reply to requests for billing adjustments
SEE CODE SOURCE 350

54 Type of Bill Code
The purpose of the billing
SEE CODE SOURCE 350

55 Recipient of Billing Status Code
The organization to receive the billing reply and status
SEE CODE SOURCE 350

56 Sales Price Condition Code
The amount of the billing record does not equal the unit price extension
SEE CODE SOURCE 350

57 Delivery Source Code
Codes that provide an audit trail between performance and pricing requirements
SEE CODE SOURCE 184

58 Transportation Bill Code
Earnings for "below-the-line" transportation of material
SEE CODE SOURCE 184

59 Stock Fund or Non-stock Fund Code
The financing appropriation or a stock fund
SEE CODE SOURCE 184

60 General Services Administration (GSA) Customer Supply Center Number Code
GSA customer supply centers
SEE CODE SOURCE 350

61 Information Indicator Code
Codes that convey special information to offices receiving an interfund bill
SEE CODE SOURCE 350

62 Communications Routing Identifier Code
Organizations involved in the communications process
SEE CODE SOURCE 181

63 Content Indicator Code
The content of communication messages
SEE CODE SOURCE 182
SEE CODE SOURCE 694

65 Health Care Claim Status Code
SEE CODE SOURCE 508

66 Suffix or Limit Code
Components that receive allocations under defense agency appropriations
SEE CODE SOURCE 185

67 Type of Assistance Code
Codes that distinguish between types of military assistance transactions
SEE CODE SOURCE 180

68 Healthcare Provider Taxonomy
SEE CODE SOURCE 682

69 Foreign Military Sales Country Code
Foreign countries
SEE CODE SOURCE 180

71 Service and Agency Code
Military services, defense agencies, and certain civilian agencies of the United States Government
SEE CODE SOURCE 350

72 Disbursement Status Code
SEE CODE SOURCE 709

73 Aid Type Code
SEE CODE SOURCE 710

74 Demand Code
Identifies whether or not a material demand is recurring
SEE CODE SOURCE 350

75 Suffix Code
Differentiates partial actions of the same transaction
SEE CODE SOURCE 350

78 Project Code
Codes that relate a transaction to special programs, exercises, projects, operations, or other purposes
SEE CODE SOURCE 350

79 Priority Designator Code
The priority of a transaction
SEE CODE SOURCE 350

80 Advice Code
Instructions to transaction recipients when narratives cannot be transmitted
SEE CODE SOURCE 350

81 Status Code
Informs appropriate recipients about the status of a transaction or excess report
SEE CODE SOURCE 350

82 Shipment Hold Code
Explains why a shipping organization is delaying material after it has been picked, packed, marked, and prepared for shipment
SEE CODE SOURCE 350

83 Supply Condition Code
Classifies material by readiness for issue and use, describes actions underway to change

the status of material, or identifies material as excess or not serviceable
SEE CODE SOURCE 350

84 Management Code
Supplemental information not covered by the transaction coding structure
SEE CODE SOURCE 350

85 Country and Activity Code
Countries, international organizations, and accounts that could receive material or services under the Foreign Military Sales System and through Military Assistance Program Grant Aid
SEE CODE SOURCE 350

87 Subsistence Type of Pack Code
A certain level of protection from the packing or outside shipping container for perishable and nonperishable subsistence items
SEE CODE SOURCE 350

88 Disposal Authority Code
Material being transferred to a Defense Reutilization and Marketing Office is authorized for disposal because of instructions from an item manager or inventory control point
SEE CODE SOURCE 350

89 Cooperative Logistics Program Support Code
Indicates whether or not a Foreign Military Sales transaction is a programmed or unprogrammed requirement
SEE CODE SOURCE 350

90 Precious Metals Indicator Code
Material containing precious metals and the content value of the metal
SEE CODE SOURCE 350

91 Automated Data Processing Equipment Identification Code
Automated data processing equipment
SEE CODE SOURCE 350

92 Reason for Disposal Code
Explains why material is being transferred for disposal
SEE CODE SOURCE 350

93 Type of Storage Code
The storage requirements for material
SEE CODE SOURCE 402

94 Identification Code
Parties or organizations not covered by other codes
SEE CODE SOURCE 350

95 Offer and Release Option Code
Allows countries participating in the Foreign Military Sales Program to advise supply sources whether or not prior notice to country representatives or freight forwarders is required before shipment
SEE CODE SOURCE 180

96 Shipment Release Code
Information about shipment release instructions
SEE CODE SOURCE 350

97 Ultimate Recipient Code
The ultimate receiver or buyer of material for reimbursement purposes
SEE CODE SOURCE 350

98 Reason for Requisitioning Code
Explains why material is needed
SEE CODE SOURCE 350

99 Purpose Code
Codes that inform the material owner why an inventory balance is being reserved
SEE CODE SOURCE 350

A1 Ownership Code
Items included in the inventory records of an organization that is not the owner of the items
SEE CODE SOURCE 350

A2 Customer Within Country Code
The receiving country and place of discharge within the country for Military Assistance Program Grant Aid or the country's mark-for or ship-to addresses in Foreign Military Sales transactions
SEE CODE SOURCE 350

A3 Delivery Term Code
The delivery term for a Foreign Military Sales shipment
SEE CODE SOURCE 180

A4 Case Designator Number
The case that a Foreign Military Sales transaction supports
SEE CODE SOURCE 180

A5 Subcase Number
The line item or subcase that a Foreign Military Sales transaction supports
SEE CODE SOURCE 180

A6 Freight Forwarder Number
Representatives designated by a country to accomplish or control shipments of Foreign Military Sales material

A7 Record Control Number
A line item of the International Logistics Program
SEE CODE SOURCE 180

A8 Program Year Code
Number defining the fiscal year in which the International Logistics Program Item is to be planned
SEE CODE SOURCE 180

A9 Supplemental Data
Identifies the originating organization's unique logistics information
SEE CODE SOURCE 350

AA Country Code (Finance and Acquisition)
Countries in international balance of payment transactions
SEE CODE SOURCE 187

AB Defense Priorities and Allocations System Code
Identifies and prioritizes defense orders
SEE CODE SOURCE 186

AC Account Characteristics Code
Identifies characteristics of an establishment that holds a license to sell or serve alcohol beverages
SEE CODE SOURCE 320

AD Acquisition Advice Code
Denotes how and under what restrictions an item will be acquired
SEE CODE SOURCE 148

AE Beneficiary Type
SEE CODE SOURCE 548

AF Class of Pitch
SEE CODE SOURCE 560

AG Grade of Difficulty
SEE CODE SOURCE 561

AH Acquisition Method Suffix Code
Supplements the acquisition method code description
SEE CODE SOURCE 188

AI Acquisition Method Code
Describes the method of acquisition used in obtaining material
SEE CODE SOURCE 188

AJ Utilization Code
Code identifying the purpose of the transaction
SEE CODE SOURCE 350

AK Distribution Code
Code identifying activities eligible to receive additional status
SEE CODE SOURCE 350

AL Special Requirements Code
Identifies special requirements impacting the processing of the transaction
SEE CODE SOURCE 350

AM Locale of Activity
SEE CODE SOURCE 549

AN Nature of Event Code
SEE CODE SOURCE 521

AO Settlement/Payout Options
SEE CODE SOURCE 550

AP International Classification of Diseases Clinical Modifications (ICD-10-CM) Discharge Diagnosis
SEE CODE SOURCE 897

AQ Application Question Identifier
SEE CODE SOURCE 455

AR Arrest Reason
SEE CODE SOURCE 447
SEE CODE SOURCE 448

AS Form Type Code
SEE CODE SOURCE 656

AT Allegation Type Code
SEE CODE SOURCE 448

AU All Patient Refined Diagnosis Related Groups (APR-DRG)
SEE CODE SOURCE 477

AV Subrogation Payment Options
SEE CODE SOURCE 700

AW All Patient Diagnosis Related Groups (AP-DRG)
SEE CODE SOURCE 476

AX Ambulatory Patient Groups (APG)
SEE CODE SOURCE 475

AY Subrogation Response Codes
SEE CODE SOURCE 701

AZ Subrogation Request Codes
SEE CODE SOURCE 702

BA Vessel Stowage Location Code
Specifies where cargo is stowed on the vessel
SEE CODE SOURCE 350

BB Business Type
SEE CODE SOURCE 224
SEE CODE SOURCE 637
SEE CODE SOURCE 644

BC Transportation Holding Delay Code
Identifies the reason for a transportation delay
SEE CODE SOURCE 350

BD Transportation Priority Code
Indicates the order of handling and the recommended method of material movement
SEE CODE SOURCE 350

BE Value
SEE CODE SOURCE 132

BF International Classification of Diseases Clinical Modification (ICD-9-CM) Diagnosis
SEE CODE SOURCE 131

BG Condition
SEE CODE SOURCE 132

BH Occurrence
SEE CODE SOURCE 132

BI Occurrence Span
SEE CODE SOURCE 132

BJ International Classification of Diseases Clinical Modification (ICD-9-CM) Admitting Diagnosis
SEE CODE SOURCE 131

BK International Classification of Diseases Clinical Modification (ICD-9-CM) Principal Diagnosis
SEE CODE SOURCE 131

BL Application Fee Status Codes
SEE CODE SOURCE 871

BN International Classification of Diseases Clinical Modification (ICD-9-CM) External Cause of Injury Code (E-codes)
SEE CODE SOURCE 131

BO Healthcare Common Procedure Coding System
SEE CODE SOURCE 130

BP Healthcare Common Procedure Coding System Principal Procedure
SEE CODE SOURCE 130

BQ International Classification of Diseases Clinical Modification (ICD-9-CM) Other Procedure Codes
SEE CODE SOURCE 131

BR International Classification of Diseases Clinical Modification (ICD-9-CM) Principal Procedure Codes
SEE CODE SOURCE 131

BS Current Procedural Terminology (CPT) Codes
SEE CODE SOURCE 133

BT Accident Description
SEE CODE SOURCE 407

BU Part of Body Affected
SEE CODE SOURCE 407

BV Education Institution Type Code
SEE CODE SOURCE 639

BW Educational Areas Code
SEE CODE SOURCE 695

BX Profession Type Code
SEE CODE SOURCE 696

BY Share Type Code
SEE CODE SOURCE 642

BZ Business Size Code
SEE CODE SOURCE 224

C1 Eye Color Code
SEE CODE SOURCE 412
SEE CODE SOURCE 448

C2 Hair Color Code
SEE CODE SOURCE 412

SEE CODE SOURCE 448

C3 Skin Tone Code
SEE CODE SOURCE 412
SEE CODE SOURCE 448

CA Type of Inquiry Code
The type of inquiry being requested
SEE CODE SOURCE 350

CB Billed Office Indicator Code
Indicates whether the summary billing record was submitted by a billed office
SEE CODE SOURCE 350

CC Treasury Symbol Code
Departments, accounts, fiscal year, and allocation holders or receivers
SEE CODE SOURCE 189

CD Supplementary Accounting Classification Code
The budget activity, object class, and reimbursement data of the financial transaction
SEE CODE SOURCE 189

CE Reference and Station Code
The transaction reference number, accountable station, paying station, and voucher number of the financial transaction
SEE CODE SOURCE 189

CF Major Force Program Code
The source of funding for major programs
SEE CODE SOURCE 350

CG Aircraft Mission Design Series Code
Types of aircraft
SEE CODE SOURCE 350

CH Type of Issue Code
An issue, defueling, or service
SEE CODE SOURCE 350

CI Criminal Charge
SEE CODE SOURCE 447
SEE CODE SOURCE 448

CJ Criminal Charge Grade
SEE CODE SOURCE 447
SEE CODE SOURCE 448

CK Coupon Adjustment Reason Code
SEE CODE SOURCE 473

CL County Designator Code
SEE CODE SOURCE 145

CM Financial Management Service Cash-Link Code
SEE CODE SOURCE 479

CN Cause of Injury Code
SEE CODE SOURCE 281

CO Customized Notice Type Code
SEE CODE SOURCE 448

CP Salvage Disposition Code
SEE CODE SOURCE 705

CQ Capacity Type Indicator
SEE CODE SOURCE 293

CR Federal Item Identification Guide Criticality (FIIG) Code
SEE CODE SOURCE 148

CS Clause Status Type
SEE CODE SOURCE 404

CT Compensation Type Codes
SEE CODE SOURCE 471

CU Cuisine Type Code
Identifies the type of cuisine served in an establishment
SEE CODE SOURCE 320

CV Coverage Code List
SEE CODE SOURCE 214
SEE CODE SOURCE 690

CW Controvert Code
SEE CODE SOURCE 523

CZ Conviction Offense Type
SEE CODE SOURCE 585
SEE CODE SOURCE 586
SEE CODE SOURCE 587
SEE CODE SOURCE 588
SEE CODE SOURCE 589
SEE CODE SOURCE 590
SEE CODE SOURCE 591
SEE CODE SOURCE 592
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SEE CODE SOURCE 635
SEE CODE SOURCE 636

D1 Driver's License Withdrawal Type
SEE CODE SOURCE 585

D2 Driver's License Withdrawal Extent
SEE CODE SOURCE 585

D3 Driver's License Withdrawal Basis
SEE CODE SOURCE 585

D4 Driver's License Withdrawal Due Process Status
SEE CODE SOURCE 585

D5 Driver's License Withdrawal Reason
SEE CODE SOURCE 585

DA Device Availability Code
SEE CODE SOURCE 521

DB Debtor Business Type Code
SEE CODE SOURCE 448

DC Report Distribution Code
SEE CODE SOURCE 521

DD International Classification of Diseases Clinical Modification (ICD-9-CM) Primary Diagnosis
SEE CODE SOURCE 131

DE Signal Code
SEE CODE SOURCE 350

DF Media and Status Code
SEE CODE SOURCE 350

DG Fund Code
SEE CODE SOURCE 350

DH Drug Detail Code
SEE CODE SOURCE 521

DI Single Use Label Code
SEE CODE SOURCE 521

DJ Remedial Action Code
SEE CODE SOURCE 521

DK Program Originator Code
Enables the security assistance organization to determine the specific military department to which the requests are to be directed
SEE CODE SOURCE 180

DL Service Contract Act Operation Code
SEE CODE SOURCE 427

DM Agent Status Code
SEE CODE SOURCE 521

DN Nature of Debt Code
SEE CODE SOURCE 448

DO Device Operator Type Code
SEE CODE SOURCE 521

DP Producer Financial History Codes
SEE CODE SOURCE 704

DQ Device Status Code
SEE CODE SOURCE 521

DR Diagnosis Related Group (DRG)

DS Related Device Applicability Code
SEE CODE SOURCE 521

DT Debtor Type Code
SEE CODE SOURCE 448

DU Device Usage Code
SEE CODE SOURCE 521

DV Demand Planning Status Code

DW Estimating Method Status Code
SEE CODE SOURCE 521

DX Contact Status Code
SEE CODE SOURCE 521

DY Type of Firm Code
SEE CODE SOURCE 521

DZ Reportable Event Status Code
SEE CODE SOURCE 521

EA Asset Status or Transaction Reporting Code
Type of reporting required and whether a request is for commencement, change, or termination of reporting
SEE CODE SOURCE 350

EB Asset Transfer Status Code
Responds to a follow-up request for asset data, also used for follow-up and reconciliation requests for due-in information
SEE CODE SOURCE 350

EC Certification Requirements Code
Contract certification requirements
SEE CODE SOURCE 350

ED Coast Designation Code
The location of the consignee
SEE CODE SOURCE 350

EE Competitive Characteristics Code
Describes the basis for competitiveness or noncompetitiveness
SEE CODE SOURCE 350

EF Correction or Change for Storage Item Records Code
Indicates the nature of the change actions to be taken and the affected data fields
SEE CODE SOURCE 350

EG Excavation Information Code List
SEE CODE SOURCE 568

EH Type Due-In Indicator
SEE CODE SOURCE 350

EI Discrepancy Indicator Code
Indicates that a supply or transportation discrepancy or product quality deficiency affects receipt posting
SEE CODE SOURCE 350

EJ Disposal Condition Code
Identifies action to change status, classifies readiness for issue, and describes the physical condition of material
SEE CODE SOURCE 350

EK Event or Exposure Code
SEE CODE SOURCE 407

EL Error Classification Code
Classifies the causes of actual or potential adjustments
SEE CODE SOURCE 350

EM Inventory Category Code
The inventory category of an item
SEE CODE SOURCE 350

EN Local Source Code
Defines the method or source for satisfying the material requirement at the local level
SEE CODE SOURCE 350

EO Adverse Event Outcome Code
SEE CODE SOURCE 520

EP Enhanced Ambulatory Patient Groups (EAPG)
SEE CODE SOURCE 980

EQ Controlled Inventory Item Code
Categorizes pilferable items
SEE CODE SOURCE 148

ER Department of Defense Identification Code
Commodities in Federal Supply Groups 13 and 14
SEE CODE SOURCE 196

ES Extension Reason
SEE CODE SOURCE 840

ET Reject Advice Code
Indicates the reason a transaction was rejected
SEE CODE SOURCE 350

EU Request Code
The type of data requested and furnished on an asset support request
SEE CODE SOURCE 350

EV Review Period Indicator Code
Review period relative to decapitalization date
SEE CODE SOURCE 350

EW Small Arms Error Transaction Reject Code
The type of small-arms transaction error
SEE CODE SOURCE 350

EX Small Arms Transaction Code
Changes in small-arms status in the master file
SEE CODE SOURCE 350

EY Special Program Requirement Status Code
Informs of forecasting activities of action taken
SEE CODE SOURCE 350

EZ Type Inspection Code
The level of quality control
SEE CODE SOURCE 350

FA Type of Contractor Code
The type of contractor
SEE CODE SOURCE 350

FB Type of Media Code
The media for transmittal of transaction history
SEE CODE SOURCE 350

FC Type Physical Inventory or Transaction History Code
Identifies the type of inventory being conducted or requested, or identifies requests for transmission of custodial balances and history
SEE CODE SOURCE 350

FD Demilitarization Code
Identifies the action necessary to prevent the further use of equipment and material for its originally intended purpose
SEE CODE SOURCE 191

FE Shelf Life Code
The storage time period or perishability of an item
SEE CODE SOURCE 192

FF Essentiality Code
The essentiality of an item
SEE CODE SOURCE 193

FG Source Maintenance and Recoverability Code
Codes that provide source, maintenance, and recoverability data for material that can be

repaired
SEE CODE SOURCE 194

FH Type of Location Reconciliation Request
SEE CODE SOURCE 350

FI Applicant Type
SEE CODE SOURCE 360

FJ Antenna Structure Type
SEE CODE SOURCE 360

FK Station Classification
SEE CODE SOURCE 360

FL Radio Frequency Type
SEE CODE SOURCE 361

FM Station Classification Type
SEE CODE SOURCE 360

FN Class of Operation
SEE CODE SOURCE 360

FO Antenna Polarization
SEE CODE SOURCE 360

FP Fund Purpose
SEE CODE SOURCE 350

FQ Radio System Type
SEE CODE SOURCE 360

FR Frequency Band
SEE CODE SOURCE 360

FS Area of Operation
SEE CODE SOURCE 360

FT Application Type
SEE CODE SOURCE 360

FU Authorization Type
SEE CODE SOURCE 360

FV Radio Service Type
SEE CODE SOURCE 360

FW Applicant Classification Type

FX Frequency
SEE CODE SOURCE 329

FZ Edit Error Code
SEE CODE SOURCE 481

G1 Uniform Residential Appraisal Attributes Code
Defines the attributes of a residential property

GA Action Code
The type of action being processed
SEE CODE SOURCE 350

GB Medium of Transmission Code
Method by which transactions are received
SEE CODE SOURCE 350

GC Management Indicator Code (Petroleum)
Supplemental data not indicated through the transaction coding structure
SEE CODE SOURCE 350

GD Gain or Loss Indicator Code
Identifies an inventory adjustment as a gain or loss
SEE CODE SOURCE 350

GE Type Adjustment Code
The reasons for gain or loss adjustment of a fuel inventory
SEE CODE SOURCE 350

GF Type Identity Change Code
Changes in the grade of petroleum products
SEE CODE SOURCE 350

GG Transportation Mode Reason Code
Excess transportation costs resulting from use of other than the lowest cost route or mode
SEE CODE SOURCE 350

GI Notification Indicator Code
Indicates that a transaction creates a condition requiring review
SEE CODE SOURCE 350

GJ Reject Indicator Code
Indicates that a transaction cannot be processed due to erroneous or conflicting data
SEE CODE SOURCE 350

GK Investigation Status Code
The status of the investigation of a shortage
SEE CODE SOURCE 350

GQ Group Qualifier Code
SEE CODE SOURCE 491

GR National Council on Compensation Insurance (NCCI) Nature of Injury Code
SEE CODE SOURCE 284

GS Occupational Safety and Health Administration (OSHA) Nature of Injury Code
SEE CODE SOURCE 407

GT National Council on Compensation Insurance (NCCI) Part of Body Code
SEE CODE SOURCE 285

GU Occupational Safety and Health Administration (OSHA) Part of Body Code
SEE CODE SOURCE 407

GV National Council on Compensation Insurance (NCCI) Source of Injury Code
SEE CODE SOURCE 286

GW Occupational Safety and Health Administration (OSHA) Source of Injury Code
SEE CODE SOURCE 407

GX Glass Action Code
SEE CODE SOURCE 698

GY Cause of Loss Code
SEE CODE SOURCE 291

GZ Loss Description Code
SEE CODE SOURCE 290

HA Discrepancy Code
Describes a material discrepancy
SEE CODE SOURCE 350

HB Discrepancy Advice Code
Describes the type of action taken or requested for a supply discrepancy report
SEE CODE SOURCE 350

HC Institutional Sector or Level Classification Code
SEE CODE SOURCE 866

HD Discrepancy Status or Disposition Code
Provides advice to the reporting activity regarding disposition of the discrepant material
SEE CODE SOURCE 350

HE Remittance Advice Remark Code
SEE CODE SOURCE 411

HF Education Staff Type Code
SEE CODE SOURCE 867

HG Education Fee Type Code
SEE CODE SOURCE 868

HI Health Industry Number
SEE CODE SOURCE 121

HJ Institutional Fee Basis Code
SEE CODE SOURCE 869

HK National Center for Education Statistics Integrated Postsecondary Education Data System Institutional Characteristics Survey Code
SEE CODE SOURCE 870

HL Accreditation, Affiliation, or Licensing Level Code
SEE CODE SOURCE 863

HM National Center for Education Statistics Accreditation or Licensing Type
SEE CODE SOURCE 864

HS Service Contract Act Occupation Category Code
SEE CODE SOURCE 428

IC Collision Industry Electronic Commerce Association (CIECA) - Inspection
SEE CODE SOURCE 444

ID Identity Disclosure Code
SEE CODE SOURCE 521

IF Investment Fund Type
SEE CODE SOURCE 496

IQ IRS Qualification Code
SEE CODE SOURCE 493

IT Initial Treatment Code
SEE CODE SOURCE 283

J0 Summons Type Code
SEE CODE SOURCE 412
SEE CODE SOURCE 448

J1 Judicial Hearing Type Code
SEE CODE SOURCE 412
SEE CODE SOURCE 448

J2 Judicial Order Type Code
SEE CODE SOURCE 412
SEE CODE SOURCE 448

J3 Judicial Sentence Type Code
SEE CODE SOURCE 412
SEE CODE SOURCE 448

J4 Court Disposition Code
SEE CODE SOURCE 412
SEE CODE SOURCE 448

J5 Court Appearance Type Code
SEE CODE SOURCE 412
SEE CODE SOURCE 448

J6 Court Pleading Type Code
SEE CODE SOURCE 412
SEE CODE SOURCE 448

J7 Defendant Plea Type Code
SEE CODE SOURCE 412
SEE CODE SOURCE 448

J8 Trial Type Code
SEE CODE SOURCE 412
SEE CODE SOURCE 448

J9 Court Case Status Code
SEE CODE SOURCE 412
SEE CODE SOURCE 448

JA Physical Characteristics Code
Identifies the physical characteristics of an item
SEE CODE SOURCE 204

JB Weight or Fragility Code
The weight or fragility of an item
SEE CODE SOURCE 204

JC Preservation Material Code
Codes that identify the material needed to preserve an item
SEE CODE SOURCE 204

JD Quantity per Unit Pack Code
Identifies the number of units to be contained in a package
SEE CODE SOURCE 204

JE Preservation Data Code
Identifies the preservation data requirements for an item
SEE CODE SOURCE 204

JF Packing Requirement Level A Code
The Level A packing requirements for an item
SEE CODE SOURCE 197

JG Packing Requirement Level B Code
The Level B packing requirements for an item
SEE CODE SOURCE 197

JH Packing Requirement Level C Code
The Level C packing requirements for an item
SEE CODE SOURCE 197

JI Intermediate Container Code
The intermediate container requirements for an item
SEE CODE SOURCE 197

JK Intermediate Container Quantity Code
The number of units to be packed within each intermediate container
SEE CODE SOURCE 204

JL Special Marking Code
The special marking requirements for an item
SEE CODE SOURCE 204

JM Type and Cause Code
SEE CODE SOURCE 266

JN Mission Impact Statement Code
SEE CODE SOURCE 350

JO International Standard Designation System for Teeth and Areas of the Oral Cavity
SEE CODE SOURCE 135

JP Universal National Tooth Designation System
SEE CODE SOURCE 135

KA Deficiency Cause
SEE CODE SOURCE 224

KB Discrepancy
SEE CODE SOURCE 224

KC Preventive Measure
SEE CODE SOURCE 224

KD Contractor Alert List Reason
SEE CODE SOURCE 224

KE Quality Alert List Reason
SEE CODE SOURCE 224

KF Contractor Alert List Status
SEE CODE SOURCE 224

KG Nature of Buy
SEE CODE SOURCE 404

KH Type of Procurement
SEE CODE SOURCE 404

KI Representative Buy Indicator
SEE CODE SOURCE 404

KJ Assured Delivery Indicator
SEE CODE SOURCE 404

KK Award Source
SEE CODE SOURCE 404

KL Termination
SEE CODE SOURCE 404

KM Patient Event Problem Code
SEE CODE SOURCE 519

KO Method Evaluation Code
SEE CODE SOURCE 519

KP Result Evaluation Code
SEE CODE SOURCE 519

KQ Conclusion Evaluation Code
SEE CODE SOURCE 519

KS Device Event Problem Code
SEE CODE SOURCE 519

KT Dose Form Code
SEE CODE SOURCE 520

KU Route Code
SEE CODE SOURCE 520

KW Report Source Code
SEE CODE SOURCE 520
SEE CODE SOURCE 691

KZ Adverse Event Code
SEE CODE SOURCE 520

LA Contract
SEE CODE SOURCE 224

LB Contractor Review List Status
SEE CODE SOURCE 224

LC Laboratory Test Condition Code
SEE CODE SOURCE 279

LD Collision Industry Electronic Commerce Association (CIECA) - Loss Category
SEE CODE SOURCE 443

LE Life/Annuity Service Features
SEE CODE SOURCE 495

LF Life/Annuity Product Code
SEE CODE SOURCE 490

LG Location Code
SEE CODE SOURCE 521

LH Basis of Jurisdiction Code
SEE CODE SOURCE 448

LJ Principal Party Citizenship Code
SEE CODE SOURCE 448

LK Nature of Suit Code
SEE CODE SOURCE 448

LM Case Origin Code
SEE CODE SOURCE 448

LN Line of business code
SEE CODE SOURCE 244

LO Letter of Recommendation Rating Category
SEE CODE SOURCE 456

LP Deficiency Indicator
SEE CODE SOURCE 224

LQ Delinquency Indicator
SEE CODE SOURCE 224

LR Test Results Code
Report nonquantifiable test results
SEE CODE SOURCE 276

LS Loss Severity Code
Identifies the extent of the loss
SEE CODE SOURCE 462

LT Laboratory Results Identification Code
Identifies the test being reported
SEE CODE SOURCE 278

LZ War Reserve Material Requirement Code
SEE CODE SOURCE 350

MA Multi-Media Object

MB Service Contract Act Occupation Classification Code
SEE CODE SOURCE 428

MC Manual Class Code
SEE CODE SOURCE 299

ME Device Evaluation Code
SEE CODE SOURCE 521

MI Minority Indicator
SEE CODE SOURCE 224

MJ Drug Status Code
SEE CODE SOURCE 521

MK Drug Status Adverse Event Code
SEE CODE SOURCE 521

ML Lot Type Code
SEE CODE SOURCE 521

MN Post Market Study Status Code
SEE CODE SOURCE 521

MS Meter Status
SEE CODE SOURCE 293

MT Meter Type
SEE CODE SOURCE 293

NA Plant Clearance Office Code
Code to indicate the disposition of excess material
SEE CODE SOURCE 441

NB Inventory Type Code
SEE CODE SOURCE 441

NC Property Record Status Code
SEE CODE SOURCE 441

ND Control Unit Design Code
SEE CODE SOURCE 441

NE Direct Numerical Control System Code
SEE CODE SOURCE 441

NF Type Numerical Control System Code
SEE CODE SOURCE 441

NH Property Source Code
SEE CODE SOURCE 441

NI Nature of Injury Code
SEE CODE SOURCE 284
SEE CODE SOURCE 407

NJ Uniform Freight Classification (UFC) Code
SEE CODE SOURCE 25

NK National Motor Freight Classification (NMFC) Code
SEE CODE SOURCE 11

NP Special Category Code
Code to indicate material with special properties
SEE CODE SOURCE 441

NR Excess Material Disposition Code
Codes to indicate means of disposing unwanted excess material
SEE CODE SOURCE 441

NS Hazardous Material Code
SEE CODE SOURCE 441

NT Type of Cargo Code
SEE CODE SOURCE 350

O1 Office of Worker's Compensation Programs (OWCP) Source of Injury Code
SEE CODE SOURCE 524

O2 Office of Worker's Compensation Programs (OWCP) Nature of Injury Code
SEE CODE SOURCE 525

O3 Office of Worker's Compensation Programs (OWCP) Part of Body Code
SEE CODE SOURCE 526

O4 Office of Worker's Compensation Programs (OWCP) Occupation Code
SEE CODE SOURCE 527

OC Occupation Code
SEE CODE SOURCE 156

PA Prior Damage Location Code
SEE CODE SOURCE 466

PB Part of Body Code
SEE CODE SOURCE 285
SEE CODE SOURCE 407

PC Collision Industry Electronic Commerce Association (CIECA) - Profile
SEE CODE SOURCE 445

PD Professional Designation
SEE CODE SOURCE 539

PI Collision Industry Electronic Commerce Association (CIECA) - Points of Impact
SEE CODE SOURCE 466

PL Priority Lookup
SEE CODE SOURCE 533

PR International Classification of Diseases Clinical Modification (ICD-9-CM) Patient's Reason for Visit
SEE CODE SOURCE 131

PS Professional Status Code
SEE CODE SOURCE 521

PT Price Tier
SEE CODE SOURCE 293

QA Response Status Code
SEE CODE SOURCE 521

QB Business Entity Filing Report Type Code
SEE CODE SOURCE 637

QC Business Entity Filing Detail Code
SEE CODE SOURCE 637

QE Domestic Line of Business Code
SEE CODE SOURCE 637

QF Foreign Line of Business Code
SEE CODE SOURCE 637

QG Business Entity Filing Status Code
SEE CODE SOURCE 637

QH Business Entity Filing Securities Information Code
SEE CODE SOURCE 637

QI Business Entity Financial Information Code
SEE CODE SOURCE 637

QJ Business Entity Status Code
SEE CODE SOURCE 637

QK Business Entity Filing Location Code
SEE CODE SOURCE 637

QS Query Status
SEE CODE SOURCE 224

QT Quantity Type Indicator
SEE CODE SOURCE 293

R1 Upstream Rank (Priority)
SEE CODE SOURCE 293

R2 Receipt Rank (Priority)
SEE CODE SOURCE 293

R3 Delivery Rank (Priority)
SEE CODE SOURCE 293

R4 Downstream Rank (Priority)
SEE CODE SOURCE 293

R5 Threaded Rank
SEE CODE SOURCE 293

RA Religious Affiliation Code
SEE CODE SOURCE 454

RC Requirement Code
SEE CODE SOURCE 458

RD Property Ownership Type Code
SEE CODE SOURCE 448
SEE CODE SOURCE 692

RE Property Type Code
SEE CODE SOURCE 448
SEE CODE SOURCE 693

RI Residency Indicator
SEE CODE SOURCE 453

RM Insurance Industry Specific Remark Codes
SEE CODE SOURCE 973

RQ Testing Service Question Code List
SEE CODE SOURCE 570

RT Request Type
SEE CODE SOURCE 404

RX National Council for Prescription Drug Programs Reject Codes
SEE CODE SOURCE 530

SA Student Activity Type Code
SEE CODE SOURCE 451

SB Student Award Code
SEE CODE SOURCE 452

SC Source
SEE CODE SOURCE 224

SD International Classification of Diseases Clinical Modification (ICD-9-CM) Secondary Diagnosis
SEE CODE SOURCE 131

SE Sound Code
SEE CODE SOURCE 460

SF Run Type
SEE CODE SOURCE 460

SG Source of Deposit Code
SEE CODE SOURCE 494

SH Source of Lead Code
SEE CODE SOURCE 492

SI SIC (Standard Industrial Classification)
Identifies establishments by type of economic activity
SEE CODE SOURCE 113

SJ Source of Injury Code
SEE CODE SOURCE 286
SEE CODE SOURCE 407

SL Secondary Source of Injury
SEE CODE SOURCE 407

SO Solicitation Cancellation Reason
SEE CODE SOURCE 350

SP Standard Occupation Classification Code
SEE CODE SOURCE 429

SR Statistical Administrative Information Code
SEE CODE SOURCE 448

SS System Status
SEE CODE SOURCE 224

ST Special Marketing Type Code
Identifies a special or one time only marketing program or method
SEE CODE SOURCE 320

TB Association for Financial Professionals Service Code and Bank Service Code
Six-digit Association for Financial Professionals (AFP) Service Code and a proprietary code assigned by the vendor
SEE CODE SOURCE 328

TC Treatment Codes
SEE CODE SOURCE 359

TD International Classification of Diseases Clinical Modification (ICD-9-CM) Tertiary Diagnosis
SEE CODE SOURCE 131

TE Association for Financial Professionals Service Code
Six-digit Association for Financial Professionals (AFP) Service Code
SEE CODE SOURCE 328

TF Title Exception and Requirement Code List
SEE CODE SOURCE 487
SEE CODE SOURCE 488
SEE CODE SOURCE 489

TG Title Document Code List
SEE CODE SOURCE 487
SEE CODE SOURCE 488
SEE CODE SOURCE 489

TL Tap Location
SEE CODE SOURCE 293

TP Tap Type
SEE CODE SOURCE 293

TQ Systemized Nomenclature of Dentistry (SNODENT)
SEE CODE SOURCE 135

TR Report Code
SEE CODE SOURCE 521

TT Natural Gas Transaction Type
SEE CODE SOURCE 293

TX Follow-up Code
SEE CODE SOURCE 521

TY Reportable Event Code
SEE CODE SOURCE 521

UR Event Reappearance Code
SEE CODE SOURCE 521

US Event Abatement Code
SEE CODE SOURCE 521

UT Centers for Medicare and Medicaid Services (CMS) Certificate of Medical Necessity (CMN) forms
SEE CODE SOURCE 582

UU Unit Code
SEE CODE SOURCE 520

VP Collision Industry Electronic Commerce Association (CIECA) - Vehicle Line Item Category Code
SEE CODE SOURCE 887

XD Export Declaration
SEE CODE SOURCE 293

ZZ Mutually Defined

100 Freddie Mac (Federal Home Loan Mortgage Corporation) Special Character Code
SEE CODE SOURCE 511

101 Fannie Mae (Federal National Mortgage Association) Special Feature Code
SEE CODE SOURCE 554

102 Mortgage Index Source Code

103 Fannie Mae (Federal National Mortgage Association) Remittance Programs
SEE CODE SOURCE 554

104 Freddie Mac (Federal Home Loan Mortgage Corporation) Remittance Programs
SEE CODE SOURCE 511

105 Freddie Mac (Federal Home Loan Mortgage Corporation) Mortgage Insurance Code
SEE CODE SOURCE 511

106 Fannie Mae (Federal National Mortgage Association) Pool Feature Code
SEE CODE SOURCE 554

107 Fannie Mae (Federal National Mortgage Association) Mortgage Insurance Code
SEE CODE SOURCE 554

108 Testing Statistical Category Code List
SEE CODE SOURCE 574

109 Testing Demographic Category Code List
SEE CODE SOURCE 575

110 Depot Source of Repair
Used with Catalog Purpose Code to identify the DSOR Code that identifies the activities that are approved to perform depot level maintenance for the Services
SEE CODE SOURCE 350

111 Response Action Code
Used to identify the code which describes the action taken
SEE CODE SOURCE 925

112 End Item Delivery Code
Used to identify the cataloging end item delivery code
SEE CODE SOURCE 925

113 Cataloging Jump To Code
Used to indicate the cataloging Jump To Code
SEE CODE SOURCE 925

114 MOE Code
Used to identify the cataloging MOE Code
SEE CODE SOURCE 925

115 Cataloging Master Requirement Code
Used to identify the cataloging Master Requirement Code
SEE CODE SOURCE 925

116 Cataloging Order of Use Code
Used to identify the cataloging Order of Use Code
SEE CODE SOURCE 925

117 Cataloging Optional Procedures Indicator Code
Used to identify the cataloging Optional Procedures Indicator Code
SEE CODE SOURCE 925

118 Cataloging Packaging Data Source Code
Used to identify the cataloging Packaging Data Source Code
SEE CODE SOURCE 925

119 Reference Number Status Code
Used to identify the Reference Number Status Code
SEE CODE SOURCE 350

120 Special Material Content Code
Used to identify the Special Material Content Code
SEE CODE SOURCE 350

121 Ordnance Expenditure Reason
Used to identify the code that will detail the Ordnance Expenditure Reason
SEE CODE SOURCE 350

122 Cataloging Master Requirement Code (MRC) Mode Code
Used to indicate Cataloging Master Requirement Code (MRC) Mode Code
SEE CODE SOURCE 350

123 Time Definite Delivery Standards (TDD) Compliance Code
Use to indicate compliance with Defense Logistics Agency Time Definite Delivery Standards
SEE CODE SOURCE 1012

AAA SNOMED, Systematized Nomenclature of Medicine
SEE CODE SOURCE 662

AAD Asset Type
SEE CODE SOURCE 661

AAE Current Asset Type
SEE CODE SOURCE 661

AAF Current Liability Type
SEE CODE SOURCE 661

AAG Dun and Bradstreet Canada's 8 digit Standard Industrial Classification Code
SEE CODE SOURCE 660

AAH Financial Item Allocation Code
SEE CODE SOURCE 661

AAI Financial Item Attributed Code
SEE CODE SOURCE 661

AAJ Financial Item Reclassification Code
SEE CODE SOURCE 661

AAK Functional Area
SEE CODE SOURCE 643

AAL Hobby Code
SEE CODE SOURCE 659

AAM Investment Type
SEE CODE SOURCE 661

AAN Liability Type
SEE CODE SOURCE 661

AAO Projection Type
SEE CODE SOURCE 661

AAP Trend Reason
SEE CODE SOURCE 640

AAQ NACHA (National Automated Clearing House Association)
SEE CODE SOURCE 679

AAR CPA (Canadian Payments Association)
SEE CODE SOURCE 680

AAS Proprietary

AAT Fannie Mae Adjustable Rate Mortgage Plan Codes
SEE CODE SOURCE 554

AAU International Classification of Diseases Clinical Modification (ICD-9-CM) Diagnosis Encountered During Examination and Investigation of Individuals and Populations Code
SEE CODE SOURCE 131

AAV International Classification of Diseases Clinical Modification (ICD-9-CM) Vaccination, Innoculation or Isolation Code
SEE CODE SOURCE 131

AAW Immunization Injection Code
SEE CODE SOURCE 133

AAX International Classification of Diseases Clinical Modification (ICD-9-CM) Code
SEE CODE SOURCE 131

AAY Current Dental Terminology (CDT) Code
SEE CODE SOURCE 135

ABF International Classification of Diseases Clinical Modification (ICD-10-CM) Diagnosis
SEE CODE SOURCE 897

ABJ International Classification of Diseases Clinical Modification (ICD-10-CM) Admitting Diagnosis
SEE CODE SOURCE 897

ABK International Classification of Diseases Clinical Modification (ICD-10-CM) Principal Diagnosis
SEE CODE SOURCE 897

ABN International Classification of Diseases Clinical Modification (ICD-10-CM) External Cause of Injury Code
SEE CODE SOURCE 897

ABR Assigned by Receiver

ABS Assigned by Sender

ABU International Classification of Diseases Clinical Modification (ICD-10-CM) Diagnosis Encountered During Examination and Investigation of Individuals and Populations Code
SEE CODE SOURCE 897

ABV International Classification of Diseases Clinical Modification (ICD-10-CM) Vaccination, Innoculation or Isolation Code
SEE CODE SOURCE 897

ACC Accounting Error Classification Code
SEE CODE SOURCE 350

ACR Academic Rank
SEE CODE SOURCE 875

ACS Accounting Requirements Codes

ACT Asset Category Codes

ACU Controlled Item Codes

ACV Expendability, Recoverability, Reparability Category (ERRC) Codes

ACW Fiduciary Depreciation Method Codes

ACX National Item Identification Number (NIIN) Status Codes

ACY (Army) Recoverability Codes

ACZ Reportable Item Control Codes (RICC)

AD1 Storage Requirement Codes

AD2 Temperature Controlled Codes

AD3 Asset Type Codes

AD4 Utilization Measure Codes

ADD International Classification of Diseases Clinical Modification (ICD-10-CM) Primary Diagnosis
SEE CODE SOURCE 897

ADJ Accounting Adjustment Method
SEE CODE SOURCE 293

AEA Army Edit Action Code
SEE CODE SOURCE 350

AJT Adjustment Type
SEE CODE SOURCE 293

ALM Allocation Method
SEE CODE SOURCE 293

ALP Alteration Lookup
SEE CODE SOURCE 533

AOR Authorized Overrun Indicator
SEE CODE SOURCE 293

APE Activite Principale Exercee (APE) Code
Activity code from French Government
SEE CODE SOURCE 482

APR International Classification of Diseases Clinical Modification (ICD-10-CM) Patient's Reason for Visit
SEE CODE SOURCE 897

AQA All Quantity Available Indicator
SEE CODE SOURCE 293

ARC Action Requested Code
Identifies Credit, Repair, Replacement, or Other action populated and/or updated the originating Point

ARD Asset Reclassification Denial Code
SEE CODE SOURCE 350

ARI Allocation Rank Indicator
SEE CODE SOURCE 293

ARL Allocation Rank Level
Used to rank the order that the allocation method(s) are evaluated in the allocation process
SEE CODE SOURCE 293

ASD International Classification of Diseases Clinical Modification (ICD-10-CM) Secondary Diagnosis

SEE CODE SOURCE 897

ATD International Classification of Diseases Clinical Modification (ICD-10-CM) Tertiary Diagnosis
SEE CODE SOURCE 897

ATT Allocation Transaction Type Code
SEE CODE SOURCE 293

BBF International Classification of Diseases Clinical Modification (ICD-11-CM) Diagnosis

BBJ International Classification of Diseases Clinical Modification (ICD-11-CM) Admitting Diagnosis

BBK International Classification of Diseases Clinical Modification (ICD-11-CM) Principal Diagnosis

BBN International Classification of Diseases Clinical Modification (ICD-11-CM) External Cause of Injury Code

BBQ International Classification of Diseases Clinical Modification (ICD-10-PCS) Other Procedure Codes
SEE CODE SOURCE 896

BBR International Classification of Diseases Clinical Modification (ICD-10-PCS) Principal Procedure Codes
SEE CODE SOURCE 896

BBU International Classification of Diseases Clinical Modification (ICD-11-CM) Diagnosis Encountered During Examination and Investigation of Individuals and Populations Code

BBV International Classification of Diseases Clinical Modification (ICD-11-CM) Vaccination, Innoculation or Isolation Code

BCC Business Change Code
SEE CODE SOURCE 483

BCD Broad Cause of Defect Code
Assigns a broad cause of deficiency to allow further drill-down to specific issues

BCR Business Credit Rating
SEE CODE SOURCE 484

BDD International Classification of Diseases Clinical Modification (ICD-11-CM) Primary Diagnosis

BPL Board of Inspection and Survey Part Lookup
SEE CODE SOURCE 533

BPR International Classification of Diseases Clinical Modification (ICD-11-CM) Patient's Reason for Visit

BRL Board of Inspection and Survey Responsibility Lookup
SEE CODE SOURCE 533

BSD International Classification of Diseases Clinical Modification (ICD-11-CM) Secondary Diagnosis

BSL Board of Inspection and Survey Ship Lookup
SEE CODE SOURCE 533

BSP Business Period
SEE CODE SOURCE 293

BTC Balance Type Code
SEE CODE SOURCE 293

BTD International Classification of Diseases Clinical Modification (ICD-11-CM) Tertiary Diagnosis

BUI Bid Up Indicator
SEE CODE SOURCE 293

BUR Bureau of Labor Statistics Standardized Occupational Codes
SEE CODE SOURCE 971

CAH Advanced Billing Concepts (ABC) Codes
SEE CODE SOURCE 843

CAT Corrective Action Taken Code
Corrective action code taken as a result of the investigation

CBQ International Classification of Diseases Clinical Modification (ICD-11-CM) Other Procedure Codes

CBR International Classification of Diseases Clinical Modification (ICD-11-CM) Principal Procedure Codes

CCC Correction To Cause Code
SEE CODE SOURCE 928

CDC Current Disposition Code
Identifies a disposition action applied to an exhibit

CFI Contractual Flow Indicator
SEE CODE SOURCE 293

CHG Charge Indicator
SEE CODE SOURCE 293

CIE Collision Industry Electronic Commerce Association (CIECA) - Assignment Type
SEE CODE SOURCE 888

CLP Cause Lookup
SEE CODE SOURCE 533

CML Customer Maintenance Level Lookup
SEE CODE SOURCE 533

CNC Change Notice Code
SEE CODE SOURCE 315

COG Cognizance Symbol
SEE CODE SOURCE 315

COR Confirming Party Role
This value designates the role of the confirming party
SEE CODE SOURCE 293

CPS Court Party Status
SEE CODE SOURCE 499

CRC Complaint Request Code
SEE CODE SOURCE 448

CRI Causative Research Indicator Code
A series of codes identifying the cause of a discrepancy
SEE CODE SOURCE 350

CSD Customer Service Designator
The military service designator of the customer
SEE CODE SOURCE 350

CSF Corporate Statement Filing Code
SEE CODE SOURCE 485

CTC Carcass Tracking Code
SEE CODE SOURCE 350

DAC Document Availability Code
SEE CODE SOURCE 925

DAP All Patient, Severity-Adjusted DRGs (APS-DRG)

DBS DUN's Standard Industrial Classification (SIC) 2+2, Dun and Bradstreet
SEE CODE SOURCE 117

DCC Cause Code
SEE CODE SOURCE 928

DCM Medicare DRG (CMS-DRG & MS-DRG)

DCR Disposition Category Change Reject Reason Code
SEE CODE SOURCE 350

DCS Disposition Sub-Category Code
SEE CODE SOURCE 350

DCT Disposition Category Code
SEE CODE SOURCE 350

DGO Dynamic Generator Set Code
SEE CODE SOURCE 498

DIR International-Refined DRGs (IR-DRG)

DLO Dynamic Locomotive Tag Code
SEE CODE SOURCE 498

DLP Deferral Lookup
SEE CODE SOURCE 533

DLT Long Term Care DRG - LTC-DRG

DMI Demilitarization Integrity Code
SEE CODE SOURCE 350

DMP Demilitarization Performed Code

DNT Document Number Requirement Type
SEE CODE SOURCE 350

DOF Direction of Flow
SEE CODE SOURCE 293

DPC Delivery Priority Code
Identifies special shipment requirements
SEE CODE SOURCE 350

DPE Association of American Railroads Deprescription Exception List
SEE CODE SOURCE 353

DPL Association of American Railroads Deprescription Distribution List
SEE CODE SOURCE 353

DRC Deficiency Responsibility Code
Indicates the responsible/liable party for the deficiency or defect

DRD Refined DRGs (R-DRG)

DRL Collision Industry Electronic Commerce Association (CIECA) - Detail Repair Lines Code List
SEE CODE SOURCE 883

DRS Disposition Services Reimbursement Code

DSC Disposition Services Customer Type Code
SEE CODE SOURCE 350

DSD Severity DRGs (S-DRG)

DSI Disposition Services Indicator Code
SEE CODE SOURCE 350

DSR Data Sets Requested
SEE CODE SOURCE 293

DSS Delivery Scheduling Status
SEE CODE SOURCE 293

DTS Distribution Services Terms of Sale

DVC Defect Verified Code
Code used to indicate whether the defect existed as described

EAA Alabama Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAB Alaska Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAC American Samoa Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAD Arizona Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAE Arkansas Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAF California Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAG Colorado Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAH Connecticut Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAI Delaware Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAJ District of Columbia Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAK Florida Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAL Georgia Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAM Guam Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAN Hawaii Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAO Idaho Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAP Illinois Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAQ Indiana Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAR Iowa Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAS Kansas Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAT Kentucky Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAU Louisiana Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAV Maine Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAW Maryland Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAX Massachusetts Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAY Michigan Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EAZ Minnesota Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBA Mississippi Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBB Missouri Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBC Montana Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBD Nebraska Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBE Nevada Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBF New Hampshire Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBG New Jersey Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBH New Mexico Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBI New York Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBJ North Carolina Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBK North Dakota Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBL Ohio Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBM Oklahoma Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBN Oregon Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBO Pennsylvania Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBP Puerto Rico Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBQ Rhode Island Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBR South Carolina Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBS South Dakota Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBT Tennessee Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBU Texas Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBV Utah Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBW Vermont Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBX Virginia Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBY Virgin Islands Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EBZ Washington Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECA West Virginia Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECB Wisconsin Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECC Wyoming Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECD Alberta Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECE British Columbia Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECF Manitoba Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECG New Brunswick Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECH Newfoundland Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECI Northwest Territories Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECJ Nova Scotia Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECK Ontario Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECL Prince Edward Island Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECM Quebec Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECN Saskatchewan Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECO Yukon Territory Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECP Federal Campaign Disclosure Report Codes
SEE CODE SOURCE 720

ECQ Alabama Lobbyist Report Codes
SEE CODE SOURCE 788

ECR Alaska Lobbyist Report Codes
SEE CODE SOURCE 788

ECS Arizona Lobbyist Report Codes
SEE CODE SOURCE 788

ECT Arkansas Lobbyist Report Codes
SEE CODE SOURCE 788

ECU California Lobbyist Report Codes
SEE CODE SOURCE 788

ECV Colorado Lobbyist Report Codes
SEE CODE SOURCE 788

ECW Connecticut Lobbyist Report Codes
SEE CODE SOURCE 788

ECX Delaware Lobbyist Report Codes
SEE CODE SOURCE 788

ECY District of Columbia Lobbyist Report Codes
SEE CODE SOURCE 788

ECZ Florida Lobbyist Report Codes
SEE CODE SOURCE 788

EDA Georgia Lobbyist Report Codes
SEE CODE SOURCE 788

EDB Hawaii Lobbyist Report Codes
SEE CODE SOURCE 788

EDC Idaho Lobbyist Report Codes
SEE CODE SOURCE 788

EDD Illinois Lobbyist Report Codes
SEE CODE SOURCE 788

EDE Indiana Lobbyist Report Codes
SEE CODE SOURCE 788

EDF Iowa Lobbyist Report Codes
SEE CODE SOURCE 788

EDG Kansas Lobbyist Report Codes
SEE CODE SOURCE 788

EDH Kentucky Lobbyist Report Codes
SEE CODE SOURCE 788

EDI Louisiana Lobbyist Report Codes
SEE CODE SOURCE 788

EDJ Maine Lobbyist Report Codes
SEE CODE SOURCE 788

EDK Maryland Lobbyist Report Codes
SEE CODE SOURCE 788

EDL Massachusetts Lobbyist Report Codes
SEE CODE SOURCE 788

EDM Michigan Lobbyist Report Codes
SEE CODE SOURCE 788

EDN Minnesota Lobbyist Report Codes
SEE CODE SOURCE 788

EDO Mississippi Lobbyist Report Codes
SEE CODE SOURCE 788

EDP Missouri Lobbyist Report Codes
SEE CODE SOURCE 788

EDQ Montana Lobbyist Report Codes
SEE CODE SOURCE 788

EDR Nebraska Lobbyist Report Codes
SEE CODE SOURCE 788

EDS Nevada Lobbyist Report Codes
SEE CODE SOURCE 788

EDT New Hampshire Lobbyist Report Codes
SEE CODE SOURCE 788

EDU New Jersey Lobbyist Report Codes
SEE CODE SOURCE 788

EDV New Mexico Lobbyist Report Codes
SEE CODE SOURCE 788

EDW New York Lobbyist Report Codes
SEE CODE SOURCE 788

EDX North Carolina Lobbyist Report Codes
SEE CODE SOURCE 788

EDY North Dakota Lobbyist Report Codes
SEE CODE SOURCE 788

EDZ Ohio Lobbyist Report Codes
SEE CODE SOURCE 788

EEA Oklahoma Lobbyist Report Codes
SEE CODE SOURCE 788

EEB Oregon Lobbyist Report Codes
SEE CODE SOURCE 788

EEC Pennsylvania Lobbyist Report Codes
SEE CODE SOURCE 788

EED Puerto Rico Lobbyist Report Codes
SEE CODE SOURCE 788

EEE Rhode Island Lobbyist Report Codes
SEE CODE SOURCE 788

EEF South Carolina Lobbyist Report Codes
SEE CODE SOURCE 788

EEG South Dakota Lobbyist Report Codes
SEE CODE SOURCE 788

EEH Tennessee Lobbyist Report Codes
SEE CODE SOURCE 788

EEI Texas Lobbyist Report Codes
SEE CODE SOURCE 788

EEJ Utah Lobbyist Report Codes
SEE CODE SOURCE 788

EEK Vermont Lobbyist Report Codes
SEE CODE SOURCE 788

EEL Virginia Lobbyist Report Codes
SEE CODE SOURCE 788

EEM Washington Lobbyist Report Codes
SEE CODE SOURCE 788

EEN West Virginia Lobbyist Report Codes
SEE CODE SOURCE 788

EEO Wisconsin Lobbyist Report Codes
SEE CODE SOURCE 788

EEP Wyoming Lobbyist Report Codes
SEE CODE SOURCE 788

EEQ New York City Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EER Seattle Campaign Disclosure Report Codes
SEE CODE SOURCE 720

EES New York City Lobbyist Report Codes
SEE CODE SOURCE 788

EMC Automotive Aftermarket Industry Association (AAIA) Emission Code
SEE CODE SOURCE 101

EPI Exchange Price Indicator
SEE CODE SOURCE 350

EQR Equipment Request Codes
SEE CODE SOURCE 857

ERC Equipment Repair Condition Code
SEE CODE SOURCE 711

ERJ Equipment Repair Job Code
SEE CODE SOURCE 711

ERL Equipment Repair Location Code
SEE CODE SOURCE 711

ERR Equipment Repair Responsibility Code
SEE CODE SOURCE 711

ESC Electrostatic Discharge Code
SEE CODE SOURCE 925

ESL Equipment Status Lookup
SEE CODE SOURCE 533

ETL Estimate Type Lookup
SEE CODE SOURCE 533

EWC Evaluate Work Candidate Lookup
SEE CODE SOURCE 533

EWM Equipment Why Made Code
SEE CODE SOURCE 711

EWR Evaluate Work Candidate Reason Lookup
SEE CODE SOURCE 533

EXD Export Declaration
SEE CODE SOURCE 293

EXP Export Control Classification Number (ECCN)
SEE CODE SOURCE 957

FAP Fannie Mae Refinance Plan Code
SEE CODE SOURCE 554

FC1 Federal Communication, Control and Security Code List 1
SEE CODE SOURCE 706

FEC Final Exhibit Disposition Code
Indicates status of exhibit during the transportation process

FF1 Federal Finance Code List 1
SEE CODE SOURCE 706

FH1 Federal Health Care Code List 1
SEE CODE SOURCE 706

FIR Financial Inventory Report Code
SEE CODE SOURCE 315

FL1 Federal Logistics Code List 1
SEE CODE SOURCE 706

FMO Former Major Organizational Entity Rule Number
SEE CODE SOURCE 925

FMS Foreign Military Sales and Military Assistance Program Grant Aid Type of Assistance/Financing Code
SEE CODE SOURCE 315

FP1 Federal Procurement Code List 1
SEE CODE SOURCE 706

FRP Freddie Mac Refinance Plan Code
SEE CODE SOURCE 511

FRT Freight Bill Application Error Edit Codes
SEE CODE SOURCE 873

FT1 Federal Transportation Code List 1
SEE CODE SOURCE 706

GCP Product Quality Deficiency Report General Correspondence Purpose Code

HMC Hazardous Material Content Code
The HMC identifies hazardous material contained in the construct of a piece or set of medical equipment
SEE CODE SOURCE 148

HRC Hazardous Response Codes
SEE CODE SOURCE 355

HZR Association of American Railroads Standard Transportation Commodity Code Description Qualifier
SEE CODE SOURCE 358

IBP Insurance Business Process Application Error Code
SEE CODE SOURCE 895

ICF International Classification of Functioning Disability and Health (ICF)
SEE CODE SOURCE 970

IMC Item Management Code
SEE CODE SOURCE 315

IMP Impact Recorder Code
SEE CODE SOURCE 498

IND Intra-Navy Disposal Release Order Reject Advice Code
SEE CODE SOURCE 315

IPA Impact Axis or Analog Port Code
SEE CODE SOURCE 498

IPG Issue Priority Group
SEE CODE SOURCE 350

IRC Product Quality Deficiency Report Interim Reply Code
Identifies updates or current status of Product Quality Deficiency while in progress or under investigation

IRR Issue, Repair and Requisition Code
SEE CODE SOURCE 315

IRT Imbalance Reporting Type
SEE CODE SOURCE 293

ITI Interruptible Transportation Indicator
An indicator which signifies whether or not interruptible transportation service is being utilized at this location
SEE CODE SOURCE 293

JCL Job Characteristics Lookup
SEE CODE SOURCE 533

JOL Job Originator Lookup
SEE CODE SOURCE 533

KYL Key Event Lookup
SEE CODE SOURCE 533

LCF Location Capacity Flow Indicator
SEE CODE SOURCE 293

LIN Line of Authority
SEE CODE SOURCE 536

LMT Limit Type
Information used for the determine of allocation of variance based on contract limits
SEE CODE SOURCE 293

LOC Location Indicator
SEE CODE SOURCE 293

LOI Logical Observation Identifier Names and Codes (LOINC) Codes
SEE CODE SOURCE 663

LPC Location Purpose Code
Identifies the function of the location
SEE CODE SOURCE 293

LQT Location Quantity Type Indicator
Indicates the location type for the referenced capacity/quantity
SEE CODE SOURCE 293

LSC Legal Structure Code
SEE CODE SOURCE 501

MAC Material Management Aggregation Code
SEE CODE SOURCE 927

MCC Material Control Code
SEE CODE SOURCE 315

MCD Generator Set Mounting Code
SEE CODE SOURCE 498

MEC Method of Completion Code
SEE CODE SOURCE 315

MFD Manager Forced Directed Action
Identifies supply depot actions required in response to an item manager's instructions
SEE CODE SOURCE 939

MOC Mechanization of Contract Administration Services (MOCAS) System Error Code
SEE CODE SOURCE 531

MOE Major Organizational Entity Rule Number
SEE CODE SOURCE 925

MPP Mapping Product Procurement Types

MPT Mapping Product Types

MRC Reference Partial Descriptive Method Reason Code
SEE CODE SOURCE 350

MRI Maximum Rate Indicator
SEE CODE SOURCE 293

NAC Nomenclature Activity Classification Economy (NACE) Code
Activity code from Belgian and Italian Governments
SEE CODE SOURCE 502

NAF Norme Activite Francaise (NAF) Code
Activity Norm code from French Government
SEE CODE SOURCE 503

NAN Non-Approved Item Name
SEE CODE SOURCE 925

NAS Nature of Suit
SEE CODE SOURCE 504

NBA No Balance Affecting Transactions
SEE CODE SOURCE 350

NCD Invoice Notes Code
SEE CODE SOURCE 293

NCE Nomination Capacity Exceeded Indicator
An indicator which signifies whether or not a location has been impacted due to a constraint or the nominated quantities exceeding capacity
SEE CODE SOURCE 293

NDC National Drug Code (NDC)
SEE CODE SOURCE 134
SEE CODE SOURCE 240

NGC National Geospatial-Intelligence Agency (NGA) Product Code

NIR Non-Induction Reason Code
SEE CODE SOURCE 315

NMS Nonconsumable Item Material Support Codes (NIMSC)

NPC Automotive Aftermarket Industry Association (AAIA) National Popularity Code
SEE CODE SOURCE 101

NUB National Uniform Billing Committee (NUBC) Revenue Codes
SEE CODE SOURCE 132

PAT Preventative Action Taken
Identifies actions to take to prevent future defect or deficiency

PCC Product Quality Deficiency Report Cancellation Code

PCD Detailed Cause Code
Expands upon the broad cause of a deficiency and narrows it to detailed cause

PCL Planning Code Lookup
A unique code that has meaning only to the service or agency submitting the code
SEE CODE SOURCE 350

PCR Pseudo Closure Reason Code
SEE CODE SOURCE 350

PDA Pre-determined Allocation (PDA) Transaction Type Code
SEE CODE SOURCE 293

PDC Product Quality Deficiency Report Cost Code
For billing purposes, identifies specific cost impacts (cost-to or no cost-to) to commercial enterprises or the government

PDD Product Quality Deficiency Report Discovery Code
Provides in-depth identification of the product's deficiency method of discovery

PDE Product Quality Deficiency Report Credit Code
Describes whether credit or another form of resolution is authorized

PGS Petroleum United States Geological Survey (USGS) Formation Code
SEE CODE SOURCE 261

PHC Phrase Code
SEE CODE SOURCE 925

PIT Petroleum Bill Type
SEE CODE SOURCE 261

PLC Petroleum Land Category
SEE CODE SOURCE 261

PLS Petroleum Lease Status
SEE CODE SOURCE 261

POB Part of Body and Nature of Injury
SEE CODE SOURCE 717

POS Place of Service Code
SEE CODE SOURCE 237

PPD Petroleum Product Disposition
SEE CODE SOURCE 261

PPP Petroleum Product Point-of-Sale
SEE CODE SOURCE 261

PPS Petroleum Product Selling Arrangement
SEE CODE SOURCE 261

PPV Petroleum Product Value Adjustment
SEE CODE SOURCE 261

PQA Petroleum Quantity Allocations Code
SEE CODE SOURCE 261

PQC Product Quality Deficiency Report Retract Reason Code
Used by screening and action points to change ownership of a Product Quality Deficiency Report action back to the previous processing point or location

PQR Product Quality Deficiency Report Exhibit Delivery Requirement Code
Code that indicates the delivery status of a Product Quality Deficiency Report exhibit

PQS Product Quality Deficiency Report Status Code
Code that identifies the current status of a Product Quality Deficiency Report action

PRA Petroleum Royalty Adjustment
SEE CODE SOURCE 261

PRC Petroleum Royalty Calculation Method
SEE CODE SOURCE 261

PRI Processing Rights Indicator
SEE CODE SOURCE 293

PRR Petroleum Regulatory Report
SEE CODE SOURCE 261

PRT Petroleum Royalty Transaction
SEE CODE SOURCE 261

PWA Petroleum Well Action
SEE CODE SOURCE 261

PWI Petroleum Well Information
SEE CODE SOURCE 261

PWR Petroleum Well Shut-In Reason
SEE CODE SOURCE 261

PWS Petroleum Well Classification Status
SEE CODE SOURCE 261

PWT Petroleum Well Test Information
SEE CODE SOURCE 261

QDR Product Quality Deficiency Report Summary Code
Information concerning responsibility, severity, cause, preventive action, and material disposition
SEE CODE SOURCE 685

RAC Product Quality Deficiency Report Reject Advice Code
Provides fidelity into the reason for a Product Quality Deficiency Report rejection

RAS Receipt Acceptance Site Code
SEE CODE SOURCE 315

RCA Registered Contractor Activity Code
Activity code from Belgian Government for contractors
SEE CODE SOURCE 505

REC Race or Ethnicity Collection Code
SEE CODE SOURCE 860

RED Reduction Reason Code
SEE CODE SOURCE 293

REN Association of American Railroads Rate EDI Network Error Code
SEE CODE SOURCE 267

RET Classification of Race or Ethnicity
SEE CODE SOURCE 859

REU Race and Ethnicity Categories
These codes describe an individual's race or ethnicity
SEE CODE SOURCE 861

RFC Reference Number Format Code
SEE CODE SOURCE 925

RFM Reason for Movement Code
SEE CODE SOURCE 953

RJC Reference Number Justification Code
SEE CODE SOURCE 925

RNC Reference Number Category Code
SEE CODE SOURCE 350

RPQ Replenishment Demand Information
SEE CODE SOURCE 350

RQI Retail Demand Information
SEE CODE SOURCE 350

RRC Reason for Reversal Code
SEE CODE SOURCE 350

RSS Receipt Scheduling Status
SEE CODE SOURCE 293

RTC Registration Type Code
SEE CODE SOURCE 515

RUM Refrigeration Unit Operating Mode Code
SEE CODE SOURCE 498

RVC Reference Number Variation Code
SEE CODE SOURCE 925

SAD Security Assistance Document Number Requirement Type Code
SEE CODE SOURCE 350

SAT Stock Action/Technical Information Code
SEE CODE SOURCE 315

SBA Statistic Bundes Amt (SBA) Code
Activity code from German Government
SEE CODE SOURCE 516

SCI Subsequent Cycle Indicator
SEE CODE SOURCE 293

SDC Severity of Defect Code
A code that identifies the level of severity of the defect

SEC Stock Exchange Code
SEE CODE SOURCE 517

SET Settlement Type
SEE CODE SOURCE 293

SFO Swing Fuel Option Indicator
Indicates whether the service requestor contract is allocated the fuel associated with the variance
SEE CODE SOURCE 293

SHL Safety Hazard Lookup
SEE CODE SOURCE 533

SHM Accident Resulting Change Code
SEE CODE SOURCE 699

SHN Active Mitigation Consideration Code
SEE CODE SOURCE 699

SHO Activity Methods Code
SEE CODE SOURCE 699

SHP Analytical Method Code
SEE CODE SOURCE 699

SHQ Atmospheric Stability Class Code
SEE CODE SOURCE 699

SHR Basis of Estimate Code
SEE CODE SOURCE 699

SHS Certification Code
SEE CODE SOURCE 699

SHT Contributing Factor Code
SEE CODE SOURCE 699

SHU Control Device Type Code
SEE CODE SOURCE 699

SHV Design/Standard Code
SEE CODE SOURCE 699

SHW Device Classification Code
SEE CODE SOURCE 699

SHX Discharge Indicator Code
SEE CODE SOURCE 699

SHY Discharge Quantity Range Code
SEE CODE SOURCE 699

SHZ Non-Reportable Discharge Indicator Code
SEE CODE SOURCE 699

SIA Emergency Response Regulation/Statute Code
SEE CODE SOURCE 699

SIB Emission Factor Type Code
SEE CODE SOURCE 699

SIC Emission Release Point Type Code
SEE CODE SOURCE 699

SID Emission Source Type Code
SEE CODE SOURCE 699

SIE Emission Type Code
SEE CODE SOURCE 699

SIF Emission Unit Type Code
SEE CODE SOURCE 699

SIG Endpoint Code
SEE CODE SOURCE 699

SIH Environment Code
SEE CODE SOURCE 699

SII Environmental Program Type Code
SEE CODE SOURCE 699

SIJ Environmental Receptor Code
SEE CODE SOURCE 699

SIK Facility Category Code
SEE CODE SOURCE 699

SIL Facility Status Code
SEE CODE SOURCE 699

SIM Factor Calculation Method Code
SEE CODE SOURCE 699

SIN Frequency of Analysis Code
SEE CODE SOURCE 699

SIO Generator Status Code
SEE CODE SOURCE 699

SIP Geometric Type Code
SEE CODE SOURCE 699

SIQ Hazardous Waste Form Code
SEE CODE SOURCE 699

SIR Horizontal Datum Code
SEE CODE SOURCE 699

SIS Information System Code
SEE CODE SOURCE 699

SIT Initiating Event Code
SEE CODE SOURCE 699

SIU Inventory Quantity Range Code
SEE CODE SOURCE 699

SIV Latitude/Longitude Source Code
SEE CODE SOURCE 699

SIW Latitude/Longitude Verification Code
SEE CODE SOURCE 699

SIX Location Description Code
SEE CODE SOURCE 699

SIY Major Hazard Code
SEE CODE SOURCE 699

SIZ Manufacturing Code
SEE CODE SOURCE 699

SJA Material Classification Code
SEE CODE SOURCE 699

SJB Material Code
SEE CODE SOURCE 699

SJC Maximum Achievable Control Technology Code
SEE CODE SOURCE 699

SJD Method of Collection Code
SEE CODE SOURCE 699

SJE Mitigation System Code
SEE CODE SOURCE 699

SJF Model Used Code
SEE CODE SOURCE 699

SJG Monitoring/Detection System Code
SEE CODE SOURCE 699

SJH Monitoring Location Code
SEE CODE SOURCE 699

SJI Non-Generating Waste Code
SEE CODE SOURCE 699

SJJ Off-Site Availability Code
SEE CODE SOURCE 699

SJK Off-Site Impact Code
SEE CODE SOURCE 699

SJL On-Site Impact Code
SEE CODE SOURCE 699

SJM On-Site Process System Type Code
SEE CODE SOURCE 699

SJN Origin Code
SEE CODE SOURCE 699

SJO Parameter Code
SEE CODE SOURCE 699

SJP Passive Mitigation Consideration Code
SEE CODE SOURCE 699

SJQ Permit Compliance Status Code
SEE CODE SOURCE 699

SJR Physical State Code
SEE CODE SOURCE 699

SJS Point of Measurement Code
SEE CODE SOURCE 699

SJT Preservative Code
SEE CODE SOURCE 699

SJU Process Code
SEE CODE SOURCE 699

SJV Process Control Code
SEE CODE SOURCE 699

SJW Process Hazard Analysis Update Resulting Change Code
SEE CODE SOURCE 699

SJX Process Hazards Analysis Technique Code
SEE CODE SOURCE 699

SJY Public Receptor Code
SEE CODE SOURCE 699

SJZ Range of Concentration Code
SEE CODE SOURCE 699

SKA Recovery Method Code
SEE CODE SOURCE 699

SKB Recycling Method Code
SEE CODE SOURCE 699

SKC Release Event Code
SEE CODE SOURCE 699

SKD Release Source Code
SEE CODE SOURCE 699

SKE Reliability Indicator Code
SEE CODE SOURCE 699

SKF Rule Effectiveness Method Code
SEE CODE SOURCE 699

SKG Sample Type Code
SEE CODE SOURCE 699

SKH Scenario Code
SEE CODE SOURCE 699

SKI Site Location Code
SEE CODE SOURCE 699

SKJ Source Category Code
SEE CODE SOURCE 699

SKK Source of Waste Generation Code
SEE CODE SOURCE 699

SKL Source Reduction Activity Code
SEE CODE SOURCE 699

SKM System Type Code
SEE CODE SOURCE 699

SKN Time Period Code
SEE CODE SOURCE 699

SKO Topography Code
SEE CODE SOURCE 699

SKP Transfer Quantity Range Code
SEE CODE SOURCE 699

SKQ Type of Competency Testing Code
SEE CODE SOURCE 699

SKR Type of Training Code
SEE CODE SOURCE 699

SKS Type of Waste Management Code
SEE CODE SOURCE 699

SKT Use Code
SEE CODE SOURCE 699

SKU Waste Emanation Code
SEE CODE SOURCE 699

SKV Waste Management Status Code
SEE CODE SOURCE 699

SKW Waste Stream Code
SEE CODE SOURCE 699

SKX Waste Treatment Method Code
SEE CODE SOURCE 699

SKY Wind Direction Code
SEE CODE SOURCE 699

SKZ Unit of Measure Code
SEE CODE SOURCE 699

SLA Shelf-Life Action Code
SEE CODE SOURCE 315

SLC Stockage List Code
SEE CODE SOURCE 350

SLS Scheduling Status
SEE CODE SOURCE 293

SMB Statement Basis
SEE CODE SOURCE 293

SMC Special Material Content Code
SEE CODE SOURCE 315

SMD Sample Device
SEE CODE SOURCE 293

SMI Special Material Identification Code
SEE CODE SOURCE 315

SMT Sample Type
SEE CODE SOURCE 293

SPD Submitter's Priority Designator

SPE Special Dating
SEE CODE SOURCE 581

SRA Service Requester Agent Indicator
SEE CODE SOURCE 293

SRC Serialized Report Type Codes

SRL Special Requirement Lookup
SEE CODE SOURCE 533

SRR Supplemental Reduction Reason
SEE CODE SOURCE 293

SRT Storage Report Type
SEE CODE SOURCE 293

SSC Supply Status Code
SEE CODE SOURCE 315

STC Association of American Railroads Standard Transportation Commodity Code Master Description Information
SEE CODE SOURCE 13

STF Forward and Store Application Error Edit Codes
SEE CODE SOURCE 858

SUI Solicited/Unsolicited Indicator
SEE CODE SOURCE 293

SVC Service Code
SEE CODE SOURCE 293

SWR Association of American Railroads Switch Release Codes
SEE CODE SOURCE 666

T00 Commercial Vehicle Operations Safety Code
SEE CODE SOURCE 534

T01 Data Categories
SEE CODE SOURCE 534

T02 Event Codes
SEE CODE SOURCE 534

T03 Operation Type
SEE CODE SOURCE 534

T04 Accident Parameters
SEE CODE SOURCE 534

T05 Inspection Parameters
SEE CODE SOURCE 534

T06 Driver Parameters
SEE CODE SOURCE 534

T07 View Parameters
SEE CODE SOURCE 534

T08 Vehicle Parameters
SEE CODE SOURCE 534

T09 Fleet Parameters
SEE CODE SOURCE 534

T10 Query Options
SEE CODE SOURCE 534

T11 Jurisdiction Type
SEE CODE SOURCE 534

T12 Single State Registration System and Operating Authority Credential
SEE CODE SOURCE 534

T13 Commercial Vehicle Operations Insurance
SEE CODE SOURCE 534

T14 Commercial Vehicle Registration
SEE CODE SOURCE 534

T15 Hazardous Materials Credential
SEE CODE SOURCE 534

T16 Oversize/Overweight Credential
SEE CODE SOURCE 534

T17 Commercial Vehicle Tax
SEE CODE SOURCE 534

T18 Commercial Vehicle Title
SEE CODE SOURCE 534

T19 Commercial Driver's License
SEE CODE SOURCE 534

T20 Commercial Vehicle Type
SEE CODE SOURCE 534

T21 Commercial Vehicle Operations Status Code
SEE CODE SOURCE 534

T22 Safety and Fitness Electronic Record Systems Subscription Option
SEE CODE SOURCE 534

T23 Commercial Vehicle Operations Commodity Code
SEE CODE SOURCE 534

T24 Commercial Vehicle Operations Hazardous Material Code
SEE CODE SOURCE 534

T25 Safety and Fitness Electronic Record Systems Error Code
SEE CODE SOURCE 534

T26 Commercial Vehicle Operations Jurisdiction Identifier Code
SEE CODE SOURCE 534

T27 Compliance Review Code
SEE CODE SOURCE 534

T28 Incident Condition Code
SEE CODE SOURCE 534

T29 Incident Related Action Code
SEE CODE SOURCE 534

T30 Incident Location Code
SEE CODE SOURCE 534

T31 Incident Consequence Code
SEE CODE SOURCE 534

T32 Road Characteristic Code
SEE CODE SOURCE 534

T33 Vehicle Occupant Code
SEE CODE SOURCE 534

T34 Package Failure Code
SEE CODE SOURCE 534

T35 Pedestrian Code
SEE CODE SOURCE 534

TC1 Type of Change Code
SEE CODE SOURCE 350

TCD Collision Industry Electronic Commerce Association (CIECA) - Totals Code List
SEE CODE SOURCE 884

TCL Template Characteristic Lookup
SEE CODE SOURCE 533

TDC Discrepancy Report Type Code
SEE CODE SOURCE 350

TDJ Technical Data Justification Code
SEE CODE SOURCE 350

TFR Tax or Fee Exemption Reason Code
SEE CODE SOURCE 703

TOC Weapon System Transaction Origination Code
SEE CODE SOURCE 933

TOL Template Owner Lookup
SEE CODE SOURCE 533

TTD Downstream Transaction Type
Information used to determine the specific type of transaction for the party on the downstream service provider who is receiving the quantities from the transportation service provider
SEE CODE SOURCE 293

TTL Template Type Lookup
SEE CODE SOURCE 533

TTU Upstream Transaction Type
Information used to determine the specific type of transaction for the party on the upstream service provider who is supplying the quantities to the Transportation Service Provider
SEE CODE SOURCE 293

UBT UMLER Body Type
SEE CODE SOURCE 47

UDC Unique Item Tracking Designator Code
Provides DOD a standard means to systematically identify that an item is reportable in accordance with DOD 4140.1-R unique item tracking requirements
SEE CODE SOURCE 925

UER Unique Item Tracking Error Reject Code
SEE CODE SOURCE 350

UFC UMLER Fitting Code
SEE CODE SOURCE 47

UJC Urgency Justification Code
SEE CODE SOURCE 927

UNP (UN/SPSC) United Nations Products and Services Classification Code
SEE CODE SOURCE 849

UPC Unclaimed Property Additions, Deletions, and Deductions Codes
SEE CODE SOURCE 584

UPT Unclaimed Property Type Code
SEE CODE SOURCE 584

UTC Unique Item Tracking Transaction Code
SEE CODE SOURCE 350

VAL Validation Code
SEE CODE SOURCE 293

WAC Weapon System Advice Code
SEE CODE SOURCE 933

WDL When Discovered Lookup
SEE CODE SOURCE 533

WEC Weapon System Essentiality Code
SEE CODE SOURCE 933

WRC Automotive Aftermarket Industry Association (AAIA) Warranty Code
SEE CODE SOURCE 101

WSC Weapon System Status Code
SEE CODE SOURCE 933

WSD Weapon System Designator Code
SEE CODE SOURCE 315

WSM Weapon System Maintenance Code
SEE CODE SOURCE 933

1271 - Industry Code

Code indicating a code from a specific industry code list TYPE=**AN** MIN=**1** MAX=**30**

Code Sources

46 70 214 244 290 291 436 446 461 507 508 711 886 926 937 958 959 981

COMPOSITE DATA STRUCTURES USED IN

C007 C022 C042 C043 C056 C058 C064

SEGMENTS USED IN (AS COMPONENT)

AWD ASO CLP DMG EB ENM EQ HI ISI PLB RAS STC

SEGMENTS USED IN (AS SIMPLE)

ACK AES AIN ATV BCI BCQ BLN BSF BTC CAT CHB CLR DD DEX DMG EDF EMT ES FIR G18 HAD HC HCR HS IGI III IMM IS1 ISI L4 LFI LH1 LID LQ LTE LTR M11 MEA PDR PIN PWK R13 RED RIC RQS RSD SAD SCA SCD SCT SLA SV1 SWD TOO TSI TSU UM VAT YNQ

TRANSACTION SETS USED IN

100 103 104 105 110 111 112 113 124 130 132 133 135 138 139 140 142 143 144 146 147 148 153 155 159 160 161 175 176 179 180 185 186 187 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 219 220 222 228 244 248 252 255 256 259 261 262 264 265 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 300 301 304 309 310 311 312 322 353 355 358 359 362 404 410 412 417 418 421 422 423 424 426 432 435 436 451 455 456 463 470 500 501 503 504 511 517 527 536 540 561 567 568 601 603 620 625 650 753 810 811 812 814 816 818 819 820 821 822 823 824 826 827 830 832 833 834 835 836 837 838 840 841 842 843 844 845 846 847 848 849 850 853 855 856 857 858 859 860 861 863 865 866 867 869 870 872 873 874 881 885 888 890 892 897 940 945 947

1272 - Horsepower

Total horsepower for all engines in train TYPE=**N0** MIN=**1** MAX=**16**

SEGMENTS USED IN (AS SIMPLE)

BTS

TRANSACTION SETS USED IN

161

1273 - Direction Facing Code

Code indicating the direction of the locomotive TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
FAC

TRANSACTION SETS USED IN
161

CODE	DEFINITION & EXPLANATION
B	Backward
F	Forward
U	Unknown

1274 - Train Delay Reason Code

Code specifying reason for train delay TYPE=**AN** MIN=**2** MAX=**3**

Code Sources

203

SEGMENTS USED IN (AS SIMPLE)

V9

TRANSACTION SETS USED IN

109 110 161 273 300 301 303 304 310 312 315 323 325 350 417 426 455 859

1275 - Fumigated/Cleaned Indicator Code

Code indicating whether product has been fumigated and/or cleaned TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

GA

TRANSACTION SETS USED IN

404 410 417 422 426 858 859

CODE	DEFINITION & EXPLANATION
B	Both Fumigated and Cleaned
C	Cleaned *Shipment has been inland cleaned*
F	Fumigated *Grain has been fumigated*
N	Not Fumigated or Cleaned

1276 - Machine Separable Indicator Code

Code specifying the Canadian Grain Commission code identifying the type of grain that must be separated

TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

435

SEGMENTS USED IN (AS SIMPLE)

GA

TRANSACTION SETS USED IN

404 410 417 422 426 858 859

1277 - Canadian Wheat Board (CWB) Marketing Class Code

Code identifying the Canadian Wheat Board market class of the grain TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

GA

TRANSACTION SETS USED IN

404 410 417 422 426 858 859

CODE	DEFINITION & EXPLANATION
0	Board Grain *Canadian Wheat Board grain*
1	Non-Board Grain *Non-Canadian Wheat Board grain*
4	Seed Purchase *Grain purchased for seed*
5	Contract *Grain contract*

1278 - Canadian Wheat Board (CWB) Marketing Class Type Code

Code identifying Canadian Wheat Board market class type TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
GA

TRANSACTION SETS USED IN
404 410 417 422 426 858 859

CODE	DEFINITION & EXPLANATION
C	Consigned *Contractual grain*
S	Street *Non-contractual grain*

1280 - Direction Identifier Code

Code identifying geographic direction

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

BAX MS1 PDE PPA Q5

TRANSACTION SETS USED IN

112 133 158 160 197 199 201 206 212 214 228 245 261 262 265 322 418 620 625 811 838

CODE	DEFINITION & EXPLANATION
A	Northeast
B	Northwest
C	Southeast
D	Southwest
E	East
F	North Northwest
G	South Southeast
H	South Southwest
I	North Northeast
J	East Northeast
K	East Southeast
L	West Northwest
M	West Southwest
N	North
S	South
W	West

1292 - Returns Disposition Code

Code indicating the disposition of a contested item TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

G38 RDR

TRANSACTION SETS USED IN

180

CODE	DEFINITION & EXPLANATION
CR	Consumer Return to Vendor *Consumer sent return directly to the supplier, not the seller*
DI	Dispose *Destroy or dispose of the goods, do not ship*
KA	Keep with an Allowance *Supplier will give an allowance credit if goods are not returned*
KR	Keep and Repair *Supplier will pay for repair rather than authorize return*
MW	Manufacturer Warranty Service *Goods are under warranty, follow warranty instructions*
PA	Partially Authorized
RA	Return with Authorization Number *Supplier authorizes return by issuing an RMA number*
RD	Request Denied *Supplier refuses to authorize return*
RF	Return for Factory Repair *Supplier authorizes shipment of goods to an authorized repair center*
RN	Return without Authorization Number *Supplier authorizes return, no RMA number*
RP	Return Authorization Pending *Authorization for return is pending approval*
RT	Ship to Third Party
SC	Ship to Third Party for Charitable Contribution
SD	Ship to Third Party for Disposal

1293 - Return Request Reason Code

Code indicating the reason for the return from the party returning, or requesting to return, the items

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

RDR

TRANSACTION SETS USED IN

180

CODE	DEFINITION & EXPLANATION
BC	Beyond Code Date
CO	Customer Ordering Error *Purchaser made error*
CV	Color Variance *Color not as expected or described*
DA	Damaged Product
DI	Discontinued Product
DM	Defective Merchandise or Store Inspection *Goods are defective as found by selling unit inspection*
DP	Defective Packaging *Packaging does not meet specifications*
DR	Defective Merchandise or Returned by Consumer *Consumer found goods to be defective*
DT	Damaged In Transit
EI	Excess Inventory *Seller requests authorization to return excess goods*
EO	End of Season *Seller requests authorization to return carryover of seasonal goods*
EW	Excessive Wear *Goods have been worn more than expected with use*
LP	Label Problem *Label not as specified*
MD	Mark Downs
NA	Not as Expected *Goods not as specified or described*
OP	Outdated Packaging *Packaging is not as currently specified*
PE	Price Error *Price charged not as expected or quoted*
PF	Poor Fit *Goods do not meet size specifications*
PR	Product Recall
PS	Product Spoiled
PW	Poor Workmanship *Goods are of poor or haphazard workmanship*

RE Recall

SD Short-Dated Product
Not enough time before product expiration

SM Samples

SP Shipped past Cancel Date
Supplier shipped goods after order cancel date

SR Stock Reduction Agreement
Per prior agreement, seller wishes to return surplus goods

ST Style Problem
Style does not meet current specifications or order

TE Termination

WG Wrong Goods or Not Ordered
Supplier shipped wrong goods without an order

1294 - Return Response Reason Code

Code indicating the response to a request to return items TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
RDR

TRANSACTION SETS USED IN
180

CODE	DEFINITION & EXPLANATION
EW	Excessive Wear and Tear *Supplier has determined goods were not used as intended*
FR	Freight or Retailer Damage *Damage to goods occurred after shipment*
IN	Item not Defective *Supplier finds goods in working condition*
IO	Item as Ordered *Goods as described or ordered*
MI	More Information Requested *Supplier cannot make authorization without additional information*
NR	No Record of Original Sale *Supplier will not authorize return of goods it did not sell*
OS	Out of Season or Discontinued Line Item *Supplier refuses return of or inactive goods*
PC	Pricing or Cost Difference *Supplier disallows return due to price or cost discrepancy*
PR	Picture Requested *Supplier requests a photograph of goods prior to authorization to determine condition of goods*
QD	Quantity Difference *Supplier indicates order or invoice quantity was different than quantity to be returned*
RR	Repair or Refurbish *Supplier is authorizing seller to keep goods, and supplier will pay an agreed upon amount to repair or refurbish*
RT	Return Time Limit Exceeded or Beyond Warranty Period *Supplier declines return based upon a specific date or window of time*
SR	Sample Requested *Supplier is pending authorization until a sample has been sent*
UI	Unidentifiable Item *Supplier does not recognize the goods in question*

1295 - Participant Status Code

Code indicating the status of an individual in a benefit plan TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
RP

TRANSACTION SETS USED IN
834

CODE	DEFINITION & EXPLANATION
A	Active *Participant has an account balance*
C	Death Not Processed *Participant's vested account balance has not been distributed to the beneficiaries*
D	Disabled *Participant is not contributing to the plan due to disability*
N	New *New enrollment with no account balance*
R	Reinstated *Participant may now contribute to the plan, after having fulfilled the suspension period*
S	Suspended *Employee is restricted from participating in the plan*
AN	Active Non-Vested *Participant has an account balance and is not fully vested (as defined by the plan document)*
AV	Active Vested *Participant has an account balance and is fully vested (as defined by the plan document)*
CD	Contract Discontinuance *The client has terminated their contract with the service provider*
DB	Termination - Death *Participant's account balance has been distributed to the beneficiaries*
DN	Deferral - Not Vested *Participant has ended employment and elected to defer distribution of plan benefits; the participant is not fully vested (as defined in the plan document)*
DP	Delete or Pending Purge *Participant has no account balance, and all tax information has been processed; the participant's information will be deleted from the database*
DR	Distribution Restricted *Distribution of plan benefits has been restricted by the client*
DV	Deferral - Vested *Participant has ended employment and elected to defer distribution of plan benefits; the participant is fully vested (as defined in the plan document)*
EL	Eligible, Not Participating
GA	Golden Age *Participant has reached the age of 55*
KP	Keep Participant *Participant has no account balance, and all tax information has been processed; however, the client does not want the participant's information deleted from the database*

PD Plan Discontinuance
The client has terminated their defined contribution plan

PF Potentially Forfeitable
Participant has terminated employment and received the vested portion of his account balance; the non-vested portion may be forfeited at the client's discretion

RT Retired
Participant has retired from the company, but has not received his plan benefits

S1 Suspended From Contributing For 1 Year
Participant may not contribute to the plan for one year

S2 Suspended From Contributing For 2 Years
Participant may not contribute to the plan for two years

TD Termination - Disability
Participant has ended employment due to disability, and has received his plan benefits

TN Terminated Non-Vested
Participant has ended employment, and has received only the vested portion of his account balance

TR Termination - Retirement
Participant has retired from the company and has received his plan benefits

TS Termination - Severance
Participant has ended employment and has received his plan benefits

TV Terminated Vested
Participant has ended employment, was 100% vested (as defined in the plan document), and has received his entire account balance

US Unit Sale
The client company has sold one of its subsidiaries, and all participants under that location have received their plan benefits

1296 - Special Processing Type

Type of special processing that is required

TYPE=**AN** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

PEN RP

TRANSACTION SETS USED IN

820 823 834

1297 - Work Status Code

Code indicating the status for a worktask

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

MLS TID

TRANSACTION SETS USED IN

806

CODE	DEFINITION & EXPLANATION
CL	Closed
CO	Complete
NS	Not Started
RE	Revised
ST	Started
VO	Unopened

1300 - Service, Promotion, Allowance, or Charge Code

Code identifying the service, promotion, allowance, or charge TYPE=**ID** MIN=**4** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)
FA1 G14 SAC

TRANSACTION SETS USED IN
124 180 304 511 517 527 561 568 810 811 812 814 820 821 823 830 832 840 842 843 846 847 850 852 855 856 857 858 860 861 865 867 869 870 879 887 890 897 940 945 947

CODE	DEFINITION & EXPLANATION
A010	Absolute Minimum Charge
A020	Access Charge - Federal
A030	Access Charge - State
A040	Access Charges
A050	Account Number Correction Charge
A060	Acid (Battery)
A070	Acknowledgment of Delivery Fee (AOD)
A080	Activation of Carnet
A090	Ad Valorem
A100	Add on - Destination
A110	Add on - Origin
A112	Add to Make Market Value
A120	Additional Copies of Freight Bill
A121	Additional Commercial Invoices
A122	Additional Tariff Classifications
A130	Additional Material
A140	Address Correction
A150	Adjustment for Maximum Charges Billing
A160	Adjustment for Minimum Average Time Requirement Billing
A170	Adjustments
A172	Administrative
A180	Advance Charges Handling
A190	Advance Destination Amount
A200	Advance Destination Fee
A210	Advance Fee
A220	Advance Lading Charge
A230	Advance Origin Amount
A240	Advance Origin Fee
A250	Advances
A260	Advertising Allowance
A270	Affidavit

A280 Agent Disbursement - Destination
A290 Agent Disbursement - Origin
A300 Air Export Certificate
A310 Air Express Charge
A320 Air Transportation Charge
A330 Aircraft On Ground (AOG)
A340 Airline Opening Fee
A350 Airport Terminal Handling Charge
A360 Alcoholic Beverage Report Charge
A370 Allegheny County, PA Delivery Charge
A380 Allowance Advance
A390 Allowance for Consignment Merchandise
A400 Allowance Non-performance
A410 "Alterations"
A420 Amending Export Documentation
A430 Anneal/Heat (Steel or Glass Treatment)
A440 Anodizing Charge
A445 Anti-dumping Duty
A450 Appointment (Notification)
A460 Arbitrary (In Addition to Through Rates and Charges)
A470 Art Work
A480 Assembly
A485 Assist Amount
A490 Attachments to Bill of Lading Charge
A500 Bad Debt
A510 Banking Drafts
A520 Base Charge
A530 Basic Reorder Allowance
A540 Beaming Charge
A550 Bedding/Feeding/Disinfecting
A555 Beef Fee
A560 Beyond Charge
A570 Beyond Freight Charges
A580 Bill and Hold
A590 Bill of Lading Attendancy
A600 Bill of Lading Charge
A610 Billed Demand
A620 Black Lung Tax
A630 Blocking and Bracing Charge
A640 Blower Charge
A650 Bobtail Charges
A658 Bond Amount
A660 Bond Charge

A670 Bordeaux Arbitraries
A680 Both-Flat
A690 Break Bulk Surface Charge
A691 Breakbulk Services
A700 Bridge Toll
A710 Broken Lot
A720 Broken Package Charge
A721 Brokerage
A730 Brokerage or Duty
A740 Bunker Surcharge
A750 Burning
A760 Buyer Hand Carry
A770 Buyers Car Allowance
A780 Cable Pressurization
A790 Cables (sending of)
A800 Call Tag
A810 Camp Arbitrary
A820 Canada Great Lakes Additionals
A830 Canadian C.Q.Customs Clearance
A840 Canadian Currency Exchange
A850 Canadian Import Termination Fee
A860 Canadian Reconsignment Fee
A870 Canadian Remanifest Fee
A880 Cancellation Charge
A890 Cancelled Order, Heavy Duty Flatcar
A900 Capping
A910 Car Loading
A920 Car Rental
A930 Carrier Credit Allowance
A940 Carrier Debit Allowance
A950 Carrier Notification Charge
A960 Carrier
A970 Cartage Charge
A980 Cartage
A990 Cataloging Services
ADOW Payroll Additives, Overtime Labor
ADRW Payroll Additives, Straight Time Labor
AFEE Fee
Percentage or fixed fee an organization charges for services
ALPT Port Changes
B000 Central Buy
B010 Cents Off
B015 Bop Sheet
A cardboard pallet

B020 Certificate of Conformance
B030 Certificate of Origin
B040 Certificate of Registration
B050 Certification
B060 Chain and Binders
B070 Chamber of Commerce Service Charge
B080 Change of Airbill - Service Fee
B090 Charges Forward/Advance Charge
B091 Charter Services
B100 Chassis Transfer
B110 Chemical Milling Charge
B120 Chicago Loop Charge
B130 Cigarette Stamping
B140 City Delivery
B150 City maintenance fee
B160 City Pickup
B170 City Terminal Charge
B180 Cleaning Charge
B190 Closing & Sealing
B200 Co-manufacturing Discount
B210 Co-op Credit
B220 Coating (Dip, Rustproof, EDP)
B230 COD Amount
B240 COD Charges
B250 Collect on Delivery Alteration Charge
B260 Collect on Delivery Deletion Charge
B270 Collect Surcharge
B280 Combination Performance and Non-performance
B290 Combination
B300 Combine All Same Day Shipment
B310 Commission Amount
B320 Competitive Allowance
B330 Competitive Car Allowance
B340 Competitive Price
B350 Compressor Charge
B360 Concession Credit
B370 Concession Money
B380 Congestion Surcharge
B390 Connect Charge
B400 Conservation research fee
B500 Consignee Unload
B510 Consolidation
B520 Constant Surveillance Service - Armed

B530 Constant Surveillance Service
B540 Consular Legalization Service
B550 Consularization Fee
B551 Consulting Service
B555 Consumer Service Provider Charge
B560 Container Allowance
B570 Container Deposits
B580 Container Destuffing
B581 Container Discount
B590 Container Leasing
B600 Container Service Charge UK/EUR
B610 Container Service Charge USA/Canada
B620 Container Stuffing
B630 Container/Trailer Allowance
B650 Continuous Mileage
B660 Contract Allowance
B670 Contract Escalation
B680 Contract Service Charge
B690 Controlled Atmosphere
B700 Converting
B720 Cooperative Advertising/Merchandising Allowance (Performance)
B730 Copy of Bill of Lading Charge
B740 Copy of Delivery Receipt Charge
B742 Copying
B750 Core Charge
B760 Cost Recovery Factor
B770 Cost recovery/adjustment
B775 Cotton Fee
B780 Count and Recount
B785 Coupon Reimbursement
B787 Countervailing Duty
B790 Crafting
B791 Crating
B800 Credit
B801 Credit Card Processing Fee
B802 Credit Card Processing Fee - Automated Dial-up Line
B803 Credit Card Processing Fee - Leased Line
B804 Credit Card Processing Fee - Fleet Cards
B810 Currency Adjustment Factor
B820 Currency Adjustment
B830 Currency Discount
B840 Customer Account Identification
B850 Customer Equipment Allowance

B860 Customs Broker Fee
B870 Customs Charge
B872 Customs Duty
B880 Customs Entry
B881 Customs Exam
B890 Customs Formalities
B900 Customs Invoice - Additional Page
B910 Customs Invoice
B911 Customs Penalty
B920 Cut and Parallel
B930 Cut
B940 Cutting Charge
B950 Damaged Merchandise
B960 Data/Drawing Charge
B970 De-Installation
B980 Deadhead Mileage Charge
B990 Deaf and Disabled Surcharge
B992 Declared Value for Carriage
B994 Declared Value for Customs
B996 Declared Value for Insurance
B998 Deduct to Make Market Value
BU2T Bunker Adjustment - 20 Foot Container
BU4T Bunker Adjustment - 40 Foot Container
BUAT Bunker Adjustment
BURD Burden, Overhead, or Allowance for Indirect Costs
C000 Defective Allowance
C010 Deficit Freight
C020 Delay Furnishing Destination Weights
C030 Delivery Surcharge
C040 Delivery
C050 Demand charge
C060 Demurrage - Average Agreement
C070 Demurrage - Special
C080 Demurrage
C090 Deposit Charges
C100 Deposit in Lieu of Order
C110 Deposit
C120 Deramping
C130 Derrick Charge
C140 Designated Supplier Inspection
C150 Destination Charge
C160 Detention - Special Type Flat Car
C170 Detention Loading

C180 Detention of Power Units
C190 Detention of Trailers
C200 Detention Unloading
C210 Determined Freight
C220 Development Charge
C230 Die Service Charge
C231 Disbursement
C240 Disconnect Charge
C250 Discount - Drop Box/Convenience Ctr.
C260 Discount - Incentive
C270 Discount - Multiple Shipment
C280 Discount - Service Option (Delivery)
C290 Discount - Service Option (Pickup)
C300 Discount - Special
C310 Discount
C320 Display Allowance
C330 Distribution Fee
C340 Distribution Service
C350 Distributor Discount/Allowance
C360 Diversion and Reconsignment
C370 Diversion Charge
C380 Diversion to Air Charge
C390 Dockage - Boat Detention
C400 Documentation Charge
C401 Document Handling
C402 Door-to-Door
C410 Dowel Pin Charge
C420 Drayage
C430 Drayage/Line Haul
C440 Driver Assisted Unloading
C450 Driver's Wages
C460 Drop Dock
C470 Drop Yard
C480 Drum Cost
C490 Drum Deposit
C500 Drum Up Charge
C510 Dry Ice
C520 Dryer Charge
C530 Duty Charge
C531 Duty Drawback
C540 Early Buy Allowance
C550 Early Payment Allowance
C560 Early Ship Allowance

C570 Emergency Port Charge
C580 Emergency Service
C590 Emergency Surcharge
C600 Empty Weighing Charge
C610 Enclosure
C630 Endorsement Fee
C640 Energy charge
C650 Energy Surcharge (Fuel Adjustment Factor)
C660 Engineering Charge
C670 Engraving
C675 Entered Value
C680 Environmental Protection Service
C690 Escalation
C700 Escort Service
C710 Eur1 Presentation Fee
C720 European Port Charges
C730 Excess Mileage Charge
C740 Excess Periods
C750 Excess Value Fee
C760 Excess Weight
C770 Excessive Value Charge
C780 Exchange Access Credit
C790 Exclusive Use Of Equipment
C800 Exclusive Use
C810 Exhibition Delivery Charge
C820 Exhibition Pickup Charge
C830 Expanded Service
C840 Expedited One Day Consular Service
C850 Expedited Service Charge
C860 Expedited Shipments
C870 Expediting Fee
C880 Expediting Premium
C890 Export Customs Clearance
C900 Export Declarations - Automated
C910 Export Declarations - U.S. Shippers
C920 Export License Application
C930 Export Shipping Charge
C940 Export/Import Charge
C950 Extra Copies and Mailings
C960 Extra Labor (Helper Service)
C970 Extra Length
C980 Extra Service - Counter-to-Counter
C990 Fabrication Charge

CA2T Currency Adjustment - 20 Foot Container
CA4T Currency Adjustment - 40 Foot Container
CFCT Customs Fees - Container Level
CFLT Customs Fees - Lift Level
CGTT Cargo Taxes
CLDT Container Loss/Damage
COMM Communications Charges
CONC Container Charge
CRLT Container Lease
CS00 Custom Service
CUFT Currency Adjustment - Break Bulk
D000 Facsimile Charges - Additional Pages
D010 Facsimile Charges
D015 Dunnage
Loose materials used around a cargo to prevent damage or padding in a shipping container to protect contents against breakage
D020 Failed Lamp Panel Charge
D025 Fax Pre-alert
D030 Federal Transfer Surcharge
D040 Finance Charge
D050 First Article Charge
D060 First Flight Out
D070 Flat Rate
D080 Floor Stock Protection
D100 Food and Lodging
D101 Foreign Office Advance
D103 Foreign Customs Duty
D110 Foreign Military Sales (FMS) Rental
D120 Foreign Military Sales (FMS) Special Charge
D130 Forwarding Agent Commission
D140 Forwarding Charge
D141 Forward Coupons
D142 Capture Additional Data
D143 Provide Name and Address
D144 Provide Household Identifier
D150 Franchise fee
D160 Free Domicile Shipment Processing
D170 Free Goods
D180 Freight Based on Dollar Minimum
D190 Freight Charges to Border
D200 Freight Charges to Destination
D210 Freight Equalization
D220 Freight Passthrough
D230 Freight Surcharge

D240 Freight
D242 Freight, International
D244 Freight, International, U.S. Dollars
D246 Freight, International, Non-U.S. Dollars
D250 Freshness/Leaker Allowance
D260 Fuel Charge
D270 Fuel Surcharge
D280 Full Service
D290 Full Truckload Allowance
D292 Fumigation
D300 Garment District
D301 Gateway Fee
D310 Gas Pressure
D320 Glaze
D330 Gold Factor
D340 Goods and Services Charge
D350 Goods and Services Credit Allowance
D360 Goods and Services Tax Charge
D370 Government Inspection
D380 Government Warehouse Fee - Destination
D390 Government Warehouse Fee - Origin
D400 Grain Doors
D410 Grain Flow Charge
D420 Grinding
D430 Gross Receipts Surcharge
D440 Groupage Discount
D450 Grouped Items
Indicates the pricing for this line is related to the pricing of some other item either in this transaction or some prior transaction(s)
D460 Guaranteed Inspection Technical Service
D470 Gulf Port Delivery Charge
D480 Handling Charges on Distribution Freight Forwarded Beyond
D490 Handling Freight At Positions Not Immediately Adjacent To Vehicle Charge
D500 Handling
D501 Harbor Maintenance Report
D502 Harbor Maintenance Fee
D510 Hauling and Hoisting to be Direct Billed
D520 Hauling and Hoisting
D530 Hazardous Cargo Charge
D540 Hazardous Materials Handling Fee - Domestic
D550 Hazardous Materials Handling Fee - International
D560 Hazardous Storage
D570 Heat in Transit Charges
D580 Heat Treat Charge

D590 Heavy Duty Flat Car Charge
D600 Heavy Lift
D610 High Security Red In-bond Seal Charge
D620 Highway Interchange
D630 Hointins and Hauling
D640 Holding Charge
D650 Home Line Freight Charge
D655 Honey Fee
D660 Hook-up charge
D670 Hose Charge Special
D680 Hose Charge
D690 Household Goods Pickup or Delivery
D700 IATA Airbill Preparation
D701 International Air Transport Association (IATA) Commission
D710 IATA Fee
D711 International Air Transport Association (IATA) Markup
D720 Identification
D730 Import Service Fee
D740 In Transit Price Protection
D750 Inbound Freight Charges
D760 Income Freight (Manufacturing to Shipping Point)
D770 Incorrect Billing Account Charge
D780 Industry Price Allowance
D790 Initial License Fee
D800 Inland Transportation
D810 Inside Cable Connectors
D820 Inside Delivery
D830 Inside Pickup
D840 Inspect at Destination
D850 Inspect at Origin
D870 Inspection
D880 Installation & Warranty
D890 Installation and Training
D900 Installation
D910 Insulated Tank Charge
D920 Insurance Fee
D930 Insurance Placement Cost Charge
D940 Insurance Premium
D950 Insurance Provided by Lessee
D960 Insurance Provided by Lessor
D970 Insurance Surcharge
D980 Insurance
D990 Interdivision Profit

D995 Interest Amount
DCET Damage to Carrier Equipment
DCVT Damage to Carrier Vessel
DDZT Drayage at Port of Debarkation (Rate Zone)
DEZT Drayage at Port of Embarkation (Rate Zone)
DFDT Keep From Freezing Percent Differential
DGET Damage to Government Equipment
DOVT Container Diversion
DPDT Drayage at Port of Debarkation
DPET Drayage at Port of Embarkation
E000 Interest on refund
E010 Interest on Security Deposit
E020 Interim Use Permitted at Special Rate
E022 International Courier
E030 International Door-to-Door Handling Fee
E040 Interplant Charge
E050 Interstate/Highway Toll
E060 Intra-plant Charge
E063 Invoice Additional Amount
E065 Invoice Adjustment
E067 Invoice At-Cost Amount
E068 Invoice Delivery Terms Amount
E069 Invoice No-Charge Amount
E070 Invoice Services
E080 Invoice with Goods
E090 Irish Arbitraries
E100 Island Delivery Charge
E110 Island Pickup Charge
E120 Italian Release Charge
E130 Item Percentage
E140 Item-Unit
E150 Koshering
E160 Label Allowance
E170 Labeling
E180 Labor (Repair and Return Orders)
E190 Labor Charges
E191 Labor, Straight-time
E192 Labor, Overtime
E193 Labor, Premium Overtime
E200 Labor Cost of Removal
E210 Labor Service
E220 Labor, Modify
E230 Labor, No Trouble Found

E240 Labor, Test and Calibrate
E250 Lading Adjustment Charge
E260 Lashing
E270 Late Order Charge
E280 Late Payment Charge
E290 Layout/Design
E300 Layover Charges
E310 Lead Factor
E320 Leaking Underground Storage Tax (LUST)
E330 Lease Shortfall Consideration
E340 Less Than Truckload (LTL) Charge
E350 Letter of Credit Processing
E360 License and Title
E370 Lifeline Surcharge
E380 Lift Gate (Truck) or Forklift Service at Pickup/Delivery
E381 Lime Fee
E382 Liquidation Anti-Dumping Duty
E384 Liquidation Countervailing Duty
E386 Liquidation Tax Amount
E388 Liquidation Total Due U.S. Customs and Border Protection (CBP)
E389 Liquidation Total Fees
E390 Load Weighing Charge
E400 Loading (Labor Charges)
E410 Loading
E420 Loan Fee
E430 Local Delivery/Drayage
E440 Locomotive Delayed in Switching Service
E450 Locomotive Under Own Power
E460 Lot Charge
E470 Lump Sum
E480 Machining Charge
E485 Mail Fee
E490 Mail Invoice to Each Location
E500 Mail Invoice
E510 Mailing - Postage Cost
E520 Mailing - Service Fee
E530 Manifest Charge
E540 Manufacturing
E550 Market Development Funds
E560 Marking or Tagging Charge
E565 Markdown Allowance
E570 Marriage Rule
E580 Memo Returnable Container

E585 Merchandise Processing Fee
E590 Message Charge
E600 Message Rate Adjustment
E610 Messenger Service
E620 Metals Surcharge
E630 Meter Charge
E640 Mileage Fee (For Repair and Return)
E650 Mileage or Travel
E660 Monthly Rental
E670 Mount/Demount
E680 Mounting
E690 Municipal Surcharge
E695 Mushroom Fee
E700 N.H.D. Wharfage
E710 New Discount
E720 New Distribution Allowance
E730 New Item Allowance
E740 New Store Allowance
E750 New Store Discount
E760 New Warehouse Discount
E770 New Warehouse
E780 New York Delivery Charge
E790 New York Pickup Charge
E800 No Return Credit Allowance
E805 Non-Dutiable Charges
E810 Non Generated Freight
E820 Non-returnable Containers
E830 Normal Pump Charge
E840 Notarized Affidavit
E850 Notify Consignee Before Delivery
E860 Notify Consignee
E870 Nozzle Charge
E880 Ocean Charges - Hazardous
E890 Ocean Freight
E900 Offshore - Alaska/Hawaii
E910 On Carriage
E920 On Hand Service
E930 One - Day Service
E940 One Time Engineering Charge
E950 One-Time License Fee
E960 One-Time-Only Charge
E970 Onetime Tooling
E980 Operator Credit

E990 Option Charge (Color Fabric Office Furniture)
ENGA Engineering Supplies
EXLT Extra Length Surcharge
F000 Optional Charge
F010 Optional Software Support for Operational Support Systems
F020 Optional Software Support for Switching Systems
F030 Order Notify Charge
F040 Order-Flat
F050 Other (See related description)
F060 Other Accessorial Service Charge
F061 Other Advances
F062 Other Export Charges
F063 Other Government Agency Declaration
F065 Other Government Agency Exam
F067 Other Import Charge
F070 Out of Route Miles
F080 Out of Zone Pickup or Delivery
F090 Outside Cable Connectors
F100 Over Dimension
F110 Overrun Charge
F120 Oversized Premium
F130 Overtime Loading
F140 Pack Invoice with Shipment
F150 Packaging Service
F155 Packaging
F160 Painting (Primer or Finish)
F170 Pallet Exchange Charge
F180 Pallet
F190 Palletizing
F200 Paralleling
F210 Parish/County Sales Tax (only)
F220 Passing Shippers Export Entry
F225 Pecan Fee
F230 Penalty Charge
F240 Per Item Charge
F250 Per Order Charge
F260 Per Pound Charge
F270 Percent of Product
F271 Percent of Shipped Quantity that is Returnable
F272 Percent of Shipment Value that is Returnable
F280 Performance Allowance
F290 Performance Award
F300 Permit Charge

F310 Permits Bonds Escort Attendant
F320 Phosphatizing (Steel Treatment)
F330 Pickup and Delivery
F340 Pick/Up
F350 Pickle and Oil
F360 Pickup - Out of Area
F370 Pickup Surcharge
F380 Pier Charges - Wharfage
F390 Pier Charges Other Than Wharfage
F400 Pier Pickup and/or Delivery
F401 Pier Unloading
F410 Pilot Inspection
F420 Placement and/or Removal Charge
F430 Plating
F440 Pole, Wood-service Charge
F445 Pork Fee
F450 Positioning at Origin
F460 Postage
F465 Potato Fee
F470 Power Factor Adjustment
F480 Pre-carriage Excess
F490 Pre-carriage
F500 Pre-Positioned Inventory Service
F510 Precious Metal Content
F520 Preloading Charge
F530 Prelodge Charge
F540 Premise Use
F550 Premium Charge
F560 Premium Transportation
F570 Prepaid Usage Allowance
F580 Preparation and Delivery
F590 Preparation of Air Waybill - Origin
F600 Preparation of Canadian Customs Invoice
F610 Preparation of Commercial Invoice
F620 Preparation of Export Entry
F630 Preparation of Insurance Certificate
F640 Preparation of U.S. Export Documentation
F650 Preparation
F660 Previous Billing
F670 Price and Marketing Allowance
F680 Price Deviation
F690 Prior Balance
F700 Prior Billing Amount

F710 Prior Delivery Of Bill Charge
F720 Prior Month Credit
F730 Priority Service
F740 Process in Transit Privilege
F750 Processing Charge
F760 Processing
F765 Procurement Charge
F770 Professional Fees
F780 Proforma Invoice
F790 Progress Payment Requirement
F800 Promotional Allowance
F810 Promotional Discount
F820 Proof & Composition
F830 Proof of Delivery
F840 Protective Service - Cold
F850 Protective Service - Heat
F860 Protective Service Charge
F870 Pulling Eyes
F880 Pump Air Charge
F890 Pump Charge
F900 Purchase Option
F910 Quantity Discount
F920 Quantity Surcharge
F930 Equipment Manufacturer Restoration Audit
F940 Ramping
F950 Rate Code
F955 Rate Reduction Bond
F960 Re-Bill Charge
F970 Rebate
F980 Rebilled Drayage - Destination
F990 Rebilled Drayage - Origin
F991 Receiving
FAKT Barge Freight All Kinds Service
FLST Flatrack Surcharge
G000 Recipient Address Correction
G010 Reclamation, Federal
G020 Reclamation, State
G025 Reconciliation
G030 Reconnect charge
G040 Reconsign Consignee Charge
G050 Reconsign Delivery Charge
G060 Reconsignment Charge
G070 Recoopering (at Owner's or Shipper's Expense)

G080 Record/Filing
G090 Recovery Fee
G100 Recovery
G110 Recrating/Recoopering - Destination
G120 Recrating/Recoopering - Origin
G130 Recurring Hardware Maintenance Charge
G140 Recurring License Fee
G150 Recurring Software Maintenance Charge
G160 Redelivery
G170 Redistribution Allowance
G180 Reduction Prepalletized Cargo
G190 Reel Cable
G200 Reel Deposit
G210 Reel
G220 Refrigeration
G230 Refrigeration/Mechanical Detention
G240 Refund
G250 Refurbishing Charge
G260 Regain
G270 Registration of Export for Reentry
G280 Registration of Export Shipments
G290 Regulatory Fee
G300 Regulatory required refund
G310 Reliability Charge
G320 Relinquishment Charge
G322 Reliquidation Anti-Dumping Duty
G324 Reliquidation Countervailing Duty
G326 Reliquidation Tax Amount
G328 Reliquidation Total Due U.S. Customs and Border Protection (CBP)
G329 Reliquidation Total Fees
G330 Rental Charge
G340 Rental Deduction
G350 Rents and Leases
G360 Repack Charge
G370 Repair at Buyers Expense Charge
G380 Repair at Customer Expense Charge
G390 Repair at Government Expense Charge
G400 Repair
G410 Repickup
G420 Request Via Canada
G430 Research & Development Fee
G440 Resellers Discount
G450 Residential Delivery

G460 Residential Pickup
G470 Restocking Charge
G480 Restricted Article Fee
G490 Retainer
G500 Return Cargo Charge
G510 Returnable Container
G520 Returned Load
G530 Rework
G540 Riding Attendant Charge
G550 Rocky Mountain Bureau 583 Item 1100 Arbitrary Charge
G560 Roll Out Adjustment
G570 Roll Rebate
G580 Royalties
G590 Salvage
G600 Same - Day Service
G610 Saturday Delivery
G620 Saturday Pickup or Delivery Charge
G630 Saturday Pickup
G640 Scale Charge Unloading
G650 Scale Charge
G660 Scrap Allowance
G670 Security Signature Service
G680 Segregating (Sorting)
G690 Select Charge
G700 Self Unloader
G710 Seller Hand Carry
G720 Service Assistance Program Surcharge
G730 Service Charge (with Cash Discount)
G740 Service Charge
G750 Service Upgrade
G760 Set-up
G770 Shearing
G775 Sheep Fee
G780 Ship to Stock Quality Audit
G790 Shipper Load and Count
G800 Shipper Load Carrier Count
G810 Shipper Load Consignee Unload
G820 Shipper Load
G821 Shipping
G830 Shipping and Handling
G840 Shipside Pickup
G850 Shotblasting
G860 Shrink Allowance

G870 Shrink-Wrap Charge
G880 Shrinkage Allowance
G890 Single Invoice Allowance
G900 Single Pickup
G910 Single Shipment Fee
G920 Sleeving
G930 Slip Sheet Unloading Allowance
G940 Slip Sheet, Rail
G950 Slip Sheet, Truck
G960 Slotting Allowance
G970 Small Order Charge
G980 Software Support Service
G990 Source Inspection
GC00 Gift Card
GMST Garment Surcharge
GP00 Graphic Print
GW00 Gift Wrap
H000 Special Allowance
H010 Special Buy
H020 Special Circus Trains
H030 Special Credit
H040 Special Delivery
H050 Special Detention Charge
H060 Special Equipment Charge
H070 Special Finish Charge
H080 Special Freight Supplements
H090 Special Handling
H100 Special Mileage Movements
H110 Special Packaging
H120 Special Permits
H130 Special Pickup
H140 Special Pump Charge
H150 Special Seal Charge
H151 Special Services
H160 Special Test Equipment Charge
H170 Special Tooling Charge
H180 Special Tooling rework charge
H190 Special Train Movement
H200 Special Use
H210 Special Vehicle Rent
H215 Specific Duty
H220 Specification Review
H230 Split Delivery

H240 Split Pickup at Pier Charge
H250 Split Pickup
H260 Spool Charge
H270 Spotting of Trailer
H280 Spreader Charge
H290 Stamp Fee
H300 Stamping
H310 Standby Charge
H320 State Motor Fuel
H330 State Sales Charge
H340 State Surcharge
H350 State/Metropolitan Transit Authority Surcharge
H360 Steaming Charge
H370 Stenciling Charge
H380 Stop-off at Pier Charge
H390 Stop-off Charge
H400 Stopcharge
H410 Stopping in Transit
H420 Storage in Transit
H430 Storage
H440 Straightening Charge
H450 Strapping
H460 Street lamps charge
H470 Stripping, Sorting, and Consolidation
H480 Subject to Cooperative Advertising Allowance
H490 Subject To Tax On Resale
H500 Sufferance Warehouse Charge (Export or Import)
H505 Sugar Fee
H507 Sum of Adds and Deducts to Make Market Value
H510 Sunday or Holiday Pickup or Delivery
H520 Super Bag Charge
H530 Supervisor Charge
H535 Supplemental Duty
H540 Supplemental Items
H550 Surcharge
H551 Surety Bond
H560 Swell
H570 Switch Charge
H580 Switching Charge
H590 Tank Car Allowance
H600 Tank Rental
H605 Tarping
H610 Tax - Airport Tax, Destination

H620 Tax - Airport Tax, Origin
H625 Tax - Beverage Tax
H630 Tax - City Sales Tax (Only)
H640 Tax - Excise Tax - Destination
H650 Tax - Excise Tax - Origin
H660 Tax - Federal Excise Tax, FET
H670 Tax - Federal Excise Tax, FET, on Tires
H680 Tax - Governmental
H690 Tax - Handling Charge Tax
H700 Tax - Local Tax
H710 Tax - Metropolitan Transit Tax
H720 Tax - Regulatory Tax
H730 Tax - Local Sales Tax
All applicable sales taxes by taxing authorities below the State level
H740 Tax - Sales and Use
H750 Tax - Sales Tax (State and Local)
H760 Tax - State Hazardous Substance
H770 Tax - State Tax
H780 Tax - Super Fund Excise Tax
H790 Tax - Use Tax
H800 Tax - Value Added Tax (VAT)
H806 Tax Credit
H810 Tax Liability - Amortized
H820 Tax Liability - One Time
H830 Tax on Miscellaneous Charges
H840 Tax on Transportation
H850 Tax
H855 Tea Fee
H860 Technology Exchange
H870 Telegram Chargeback
H880 Telephone - Destination
H890 Telephone - Origin
H900 Telephone Charge
H910 Temperature Protection
H920 Temporary Allowance
H930 Temporary Voluntary Allowance
H935 Tendered as Truckload
H940 Terminal Charge
H950 Terminal Differential
H960 Terminal Service Fee
H970 Terms Allowance
H980 Test/Qualification Charge
H990 Testing Services Charge

HA00 Hanger Service
HZDT Hazardous Cargo on Deck
I000 Testing
I010 Third Party Allowance
I020 Third Party Pallets
I030 Throughput Allowance
I040 Throughput Container Charge
I050 Thruway Charge
I060 Ticketing Service
I070 Tobacco Products Report Charge
I080 TOFC Service Charge
I090 Tool Charge
I100 Tooling Rework Charge
I110 Tooling
I120 Tools for Printing
I130 Total Assessorial Charges
I131 Total Fees
I132 Total Invoice Amount
I133 Total Due U.S. Customs and Border Protection (CBP)
I134 Total Invoice Amount, U.S. Dollars
I136 Total Invoice Amount, Non-U.S. Dollars
I138 Total Material Invoice Amount
I140 Tracing Inbound Via Other Carriers
I150 Tracing Service Fee
I160 Track Storage
I170 Trade Discount
I180 Trade In
I190 Trailer Rental Charge
I200 Transfer Charge
I210 Transfer of Lading Charge
I220 Transferred Charges
I230 Transit
I235 Transmission Charge
I240 Transportation And Setup
I250 Transportation Charge (Minimum Rate)
I260 Transportation Direct Billing
I270 Transportation Third Party Billing
I280 Transportation Vendor Provided
I290 Trimming Charge
I300 Truck Detention
I310 Truckload Discount
I320 Turning Charge
I330 Two - Day Service

I340 Two Door Pickup
I350 U.S. Vehicles
I360 Unabsorbed Switching
I370 Unitized
I380 Unloading (Labor Charges)
I390 Unloading
I400 Unloading/Reloading Charge
I410 Unsaleable Merchandise Allowance
I411 Unscheduled Fee
I420 Up Charge
I430 Usage Plan Detail Charge
I431 U.S. Customs and Border Protection (CBP) Flat Assist Amount
I432 U.S. Customs and Border Protection (CBP) Maximum Assist Amount
I440 USDA Inspected, Stamping Certification
I450 Use - Special Type Flat Car
I460 Use Charge Tooling/Personnel
I470 Valuation Fee
I480 Vehicle Ordered but Not Used
I490 Vehicle Prep Charge (Courtesy Delivery)
I495 Vehicle Road Charge
I500 Vendor Freight
I510 Venting Instructions
I520 Virgin Island Transfer Charge
I530 Volume Discount
I540 Voluntary Contribution Charge
I550 Waiting Time
I560 War Risk Surcharge
I570 Warehouse
I580 Warehousing
I590 Warranties
I595 Watermelon Fee
I600 Waybill and Invoice Distribution
I610 Weather Protection
I620 Weight Verification Charge
I630 Wharfage & Handling
I640 Wharfage Charge
I650 Wide Area Telephone Service (WATS) Usage Credit
I660 Will Call Charge
I670 Written Proof of Delivery
I680 X-ray Charge
I690 Gratuity
I700 Escrow
I710 Payment

I720 Direct Product Handling (DPC)
I730 Price Adjustment Percent (PCT)
I740 Post Damaged Handling (PDC)
I750 Reclamation Center Handling (Chute)
I760 Reclamation Shared Responsibility (SRS)
I770 Mid-Tier Lottery Winners
I780 Mid-Tier Lottery Cashing Bonus
I790 Lottery Cross Redeemed
I800 Low-Tier Lottery Winners
I810 Low-Tier Lottery Cashing Bonus
I820 Lottery Charge Back
I830 Tote
I840 Extra Hour Charges
I850 Refused Delivery Charge
I860 Reimbursement for Online Cashing Bonus
I870 Reimbursement for Online Winners
I880 Online Sales Bonus
I890 Instant Sales Bonus
IDCT Improper Documentation
IN00 Inscription
LC2T Land Currency Adjustment Factor - 20 Foot Container
LC4T Land Currency Adjustment Factor - 40 Foot Container
LCLT Percent Differential - Less Than Container
LECT Less Than Container
LFDT Linehaul from Port of Debarkation
LMDT Liner Terms at Port of Embarkation
LNDT Liner Terms at Port of Debarkation
LPDT Linehaul Percent Differential
LQDT Liquidated Damages
LTET Linehaul to Port of Embarkation
MATT Modified Atmosphere
MO00 Monogram
OCNT Over Height Container
OFFA Office Supplies
OHBH Order Handling - Bill and Hold Goods
OHDC Order Handling - Direct to Consumer
OHDS Order Handling - Drop Ship
OHFC Order Handling - First Cost Order
OHKO Order Handling - Close Out Order
OHKT Order Handling - Key Titles
OHLO Order Handling - Landed Order
OHNP Order Handling - New Product Introduction Offer
OHNS Order Handling - New Store Order

OHPR Order Handling - Promotional Order
OHPU Order Handling - Prepack U.P.C.
OHRC Order Handling - Raincheck Order
OHRO Order Handling - Rush Order
OHSB Order Handling - Seasonal Build Up Order
OHSI Order Handling - Sibling U.P.C.
OHSO Order Handling - Special Order
OHSP Order Handling - Sample Order
OHZQ Order Handling - Mutually Defined Order Type
OODT On Deck Break Bulk Differential
OTHR Other Miscellaneous Earning or Additive
OWCT Over Width Container
PFCH Prepared Food Charge
PRST Stuffing Charge
PTAX Payroll Taxes
PVPT Private Owned Vehicle Processing
R020 Personal Property, Member
R030 Personal Property, Spouse
R040 Port Handling and Unloading
R060 Packing, Crating, and Handling Charge
R080 Packing, Crating, Handling, and Transportation Charge
RDHT Railhead Handling
RE00 Response Level
RFEE Recycling Fee
RFMT Reefer Maintenance
RPDT Reefer Cargo Percent Differential
RSTT Respotting
SFBT Single Factor Origination/Destination
SFDT Single Factor Origination/Port of Debarkation
SFET Single Factor Port of Embarkation/Destination
SSCT Stripping, Sorting and Consolidation
SSUT Pole Lashing Equipment (PLE) Surcharge
STDT Stop-off at Destination
STFT Stuffing
STOT Stop-off at Origination
TC01 Ticketing Service - No Ticket
TC02 Ticketing Service - Hang Tag
TC03 Ticketing Service - Gummed Label
TC04 Ticketing Service - Pin Ticket
TC05 Ticketing Service - String Ticket
TC06 Ticketing Service - Hang Tag
TC07 Ticketing Service - Dumbbell Gum
TC08 Ticketing Service - Double Gummed Label

TC09 Ticketing Service - As Agreed to By Trading Partners
TC10 Ticketing Service - Do Not Price
TC11 Ticketing Service - Clearance
TC99 Ticketing Service - Non-Standard Ticket
TERT Terminal Handling Charges
VCLT Van Cleaning
WBBT Wharfage - Breakbulk
WCFT Wharfage - Container
WFTT Wasted/Futile Trip
WRBT War Risk Crew Insurance
WRIT War Risk Insurance
X001 Auto Towing
X002 Late Return
X003 One Way/Drop Off
X004 Passenger Facility Charge
X005 Lodging
X006 Business Center
X007 Gift Shop
X008 Health Club
X009 Laundry/Dry Cleaning
X010 In-room Movie
X011 In-room Mini-bar
X012 Meals
X013 Parking
X014 Prepaid Amount
X015 Liquor Charge
ZZZZ Mutually Defined

1301 - Agency Service, Promotion, Allowance, or Charge Code

Agency maintained code identifying the service, promotion, allowance, or charge

TYPE=**AN** MIN=**1** MAX=**10**

Code Sources

46

SEGMENTS USED IN (AS SIMPLE)

SAC

TRANSACTION SETS USED IN

124 180 304 810 812 820 823 830 832 840 843 846 847 850 852 855 856 857 860 861 865 870 879 890 897

1302 - Shipper's Export Declaration Requirements

Code identifying which Shipper's Export Declaration (SED) requirements are being met

TYPE=**AN** MIN=**1** MAX=**2**

Code Sources

217

SEGMENTS USED IN (AS SIMPLE)

C8 M11

TRANSACTION SETS USED IN

304 309 310 355

1303 - Use of Language Indicator Code

Code indicating the use of a language TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
LUI

TRANSACTION SETS USED IN
105 111 130 132 138 155 159 189 267 271 274 834 837

CODE	DEFINITION & EXPLANATION
1	Language of Instruction
2	Language of Examination
3	Language in which Examination is Written
4	Language Spoken in the Home
5	Language Reading
6	Language Writing
7	Language Speaking
8	Native Language
9	Language Signed
10	Language Reading - Braille or other similar format

1304 - Mark Code Type

Code identifying the type of mark that was awarded TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
MKS

TRANSACTION SETS USED IN
130

CODE	DEFINITION & EXPLANATION
1	School Mark
2	Department Mark
3	Final Mark
4	Supplemental Mark
5	Mid-term Mark
6	Six-week Mark
7	Examination Mark
8	Work Experience Mark
9	Nine Weeks' Mark
10	Mark at Time of Withdrawal

1306 - U.S. Government License Type

Code to identify the type of government license involved TYPE=**AN** MIN=**1** MAX=**1**

Code Sources

228

SEGMENTS USED IN (AS SIMPLE)

X1

TRANSACTION SETS USED IN

104 215 304 309 310 311 355 358 404 417 601 841 858 859

1307 - Loan Status Code

Code indicating the loan status

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

GR SOM

TRANSACTION SETS USED IN

135 139 144 191 201 205 264

CODE	DEFINITION & EXPLANATION
1	Guaranteed
2	Guaranteed with Changes
3	Denied *A loan guarantee will not be issued for the loan application under consideration*
4	Rejected *A loan guarantee may be issued for the loan application under the consideration if the appropriate errors are corrected*
5	Pending *A temporary status assigned during loan investigation*
6	Disbursed *The loan proceeds have been transferred from the lender to the borrower or to the school*
7	Grace *Status assigned during the grace period prior to loan repayment*
8	Deferred *Status assigned during the authorized loan payment deferment period*
9	Forbearance *Status assigned during the temporary suspension of loan payments, granted at the discretion of the lender, according to federal regulations*
10	Preclaim *Status assigned while attempts are being made to encourage the borrower to resume loan payments*
11	Claim *Application has been made to the guarantor for payment of insured student loan*
12	Repayment *Status assigned during period in which the borrower must make regular installment payments on a loan*
13	Paid in Full *Status assigned when the principal and interest balances are reduced to zero through payments other than a claim payment*
14	Current
15	Preforeclosure Acceptance Plan Available
16	Preforeclosure Acceptance Plan Not Available
17	Preforeclosure Sale Closing Plan Accepted
18	Preforeclosure Sale Closing Plan Rejected
19	Partial Reinstatement
1A	Foreclosure Sale Held

1B Foreclosure Sale Confirmed
1C Certificate of Title Issued
1D Eviction Referral Received
1E Eviction Started
1F Eviction Scheduled
1G Eviction Completed
1H Title Package Submitted
1J Attorney File Closed
1K Bankruptcy Referral Received
1L Proof Claim Filing Expires
1M Proof of Claim Filed
1N Petition Sent
1P Creditors Meeting
1Q Motion to Lift Bankruptcy Stay Filed
1R Preliminary Hearing for Motion to Lift Bankruptcy Stay
1S Final Hearing for Motion to Lift Bankruptcy Stay
1T Bankruptcy Discharge Hearing
1U Bankruptcy Discharge Entered
1V Adequate Protection Granted
1W Trustee's No Asset Report Filed
1X Trustee's Abandonment Requested
1Y Court File Closed
1Z Case Dismissed
20 Reinstated by Mortgagor Who Retains Ownership
21 Reinstated by Assumptor
22 Servicing Transferred or Sold to Another Mortgagee
23 Sold
24 Government Seizure
25 Cancel
26 Refinance
27 Assumption
28 Modification
29 Charge-off
2A Reaffirmation Hearing
2B Reaffirmation Agreement Approved
2C Bankruptcy Schedules Reviewed
2D Bankruptcy Schedules Sent
2E Bankruptcy Confirmation Hearing
2F Bankruptcy Objection Filed
2G Hearing on Bankruptcy Objection to Confirmation
2H Plan and Disclosure Statement Filed
2I Hearing on Disclosure Statement
2J Ballot Expires

2K Motion to Dismiss Bankruptcy Filed
2L Contested Bankruptcy
2M Deed in Lieu Referral Received
2N Deed in Lieu Documents Sent to Borrower
2P Deed in Lieu Documents Executed by Borrower
2Q Deed in Lieu Documents Received from Borrower
2R Deed in Lieu Documents Sent for Recording
2S Deed in Lieu Title Package Sent
2U Veterans Affairs Notice of Default Sent (VA 6850)
2V Veterans Affairs Intention to Foreclose Sent (VA 6851)
2W Veterans Affairs Notice of Election to Convey Sent
2X Sale of Converted Adjustable Rate Mortgage
2Y Resale of Converted Adjustable Rate Mortgage
2Z Foreclosure Status Reset
30 Third Party Sale
31 Probate
32 Military Indulgence
33 Contested Foreclosure
34 Natural Disaster
35 Expiration of Redemption
36 Preclaim - Skip
37 Preclaim - Past Due Repayment
38 Preclaim - Failure to Pay Interest
39 Preclaim - Enrolled
3A Reinstated or Modified - Not Reassigned to Mortgage Registrar
3B Pre-qualification
3C Application
3D Processing
3E Underwriting
3F Document Preparation
3G Loan Closing
3H Funding
3I Quality Control
3J Loan Delivery
3K Insuring
40 Preclaim - Ineligible Borrower
41 Supplemental Preclaim
42 Delinquent
43 Foreclosure Started
44 Deed-in-Lieu Started
45 Foreclosure Completed
46 Property Conveyed to Insurer
47 Deed-in-Lieu Completed

48 Claims without Conveyance of Title
49 Assignment Completed
50 Claim Paid
51 Claim - Closed School
52 Claim - False Certification
53 Claim - Non-payment
54 Claim - Ineligible Borrower
55 Claim - Death
56 Claim - Disability
57 Foreclosure Pending - Assigned to Servicer
58 Foreclosure Pending - Retained by Mortgage Registrar
59 Chapter 12 Bankruptcy
60 Reinstated or Modified - Reassigned to Mortgage Registrar
61 Second Lien Considerations
62 Veterans Affairs -- No Bid
63 Veterans Affairs -- Refund
64 Veterans Affairs -- Buydown
65 Chapter 7 Bankruptcy
66 Chapter 11 Bankruptcy
67 Chapter 13 Bankruptcy
68 First Legal Action to Commence Foreclosure
69 Bankruptcy Plan Confirmed
70 Order Lifting Bankruptcy Stay Entered
71 Foreclosure Sale Scheduled
72 Redemption or Confirmation Post Sale Ended
73 Property Redeemed
74 Broker's Price Opinion or Appraisal Obtained
75 No Delinquencies to Report
76 Bankruptcy Court Clearance Obtained
77 Deed Recorded
78 State Housing Assistance Program
79 Foreclosure File Received by Attorney
80 Breach Letter Sent
81 Breach Letter Expired
82 Service By Publication
83 Service Completed
84 Hearing Scheduled
85 Department of Housing and Urban Development Occupancy Letter Sent
86 Title Search Ordered
87 Power of Attorney or Substitute of Trustee Recorded
88 Appraisal Ordered
89 Veterans Affairs Holder's Statement of Account Sent (VA 567)
90 Notice of Election and Demand Recorded

91 Default Entered
92 Hearing Held
93 Writ of Seizure Issued
94 Judgment or Decree Entered
95 Foreclosure Sale Continued
96 Foreclosure Publication Commenced
97 Redemption Pre-sale Expired
98 Reinstatement Funds Received
99 Payoff Funds Received by Attorney
AA Conversion
AB Received Transmission From School
AC Received Application and Promissory Note
AD Received Application, Awaiting Promissory Note
AE Processing for Submission to Guarantor
AF Submitted to Guarantor
AG Awaiting Credit Approval
AH Credit Approved
AI Approved by Guarantor
AJ Awaiting First Disbursement
AK Application and Promissory Note have been Printed and Mailed
AL Reprint Request has been Denied
AM Servicing
AN Reduced Disbursement Amount
AO Rejected by Lender
AP Rejected by Guarantor
AQ Rejected Due to Processing Problems
AR Completing Telephone Follow-up to Resolve Problems
AS Holding While Resolving Outstanding Problems
AT Reprocessing
AU Terminated
AV Performing Exception Processing
AW First Right Party Contact with Delinquent Borrower Completed
AX Last Right Party Contact with Delinquent Borrower Completed
AY Property Securing the Loan is Listed For Sale
BA Foreclosure Resumed
BB Foreclosure Sale Requested
BC Promise to Pay Broken
BD Promise to Pay Made
ZA Title Search Received
ZZ Mutually Defined

1308 - Contract Action Code

Code identifying the expected resultant type of contract action or current type of contract action

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BCM BCP CRT CTH

TRANSACTION SETS USED IN

196 501 805 890 892

CODE	DEFINITION & EXPLANATION
CO	Existing Contract
CR	Change By Refresh *The contract information in this document is a full replacement for previously transmitted information*
DE	Delete Contract *Delete identified contract*
KA	New Contract *A new contract as opposed to a change to an existing contract or exercising of an option on an existing contract*
KB	Contract Change Order *A modification to an existing contract*
KC	Price Revision *A revision to a price established in a contract, triggered by a specific change to the contract*
KD	Price Redetermination *The redetermination of contract price triggered by a predetermined event or circumstance specified in the contract*
KE	Letter Contract *A contractual instrument, signed by a contracting officer which authorizes work to commence, but which must be definitized at a later date*
KF	Unpriced Order *An order whose price must be negotiated at a later date*
KG	Other Contract Action *A contract action that can neither be described using another existing code, nor one that has been previously mutually defined*
PE	Program Estimate
RE	Replacement *This contract replaces another contract*
RN	Renewal *Information pertaining to an existing contract, which is being renewed*
RP	Request for Proposal
ZZ	Mutually Defined

1309 - Acquisition Data Code

Code identifying acquisition data

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CB1 PPL

TRANSACTION SETS USED IN

194 251 805 840 850 860

CODE	DEFINITION & EXPLANATION
01	Government Property Required *If awarded the contract, the proposer will require the government to furnish some property in order to perform the contract*
02	Government Property Not Required *If awarded the contract, the proposer will not require the government to furnish property in order to perform the contract*
03	Contract Financing Required *If awarded the contract, the proposer will require contract financing, such as advance or progress payments, or a guaranteed loan in order to perform the contract*
04	Contract Financing Not Required *If awarded the contract, the proposer will not require contract financing to perform the contract*
05	Awarded Contract for the Same or Similar Items *The proposing company has made the same or a similar item in the past*
06	Not Awarded Contract for the Same or Similar Items *The proposing company has not made the same or similar item in the past*
07	Proposal Consistent with Established Practices, Procedures, and Principles *A certification which may be required from a proposing company official indicating a level of compliance*
08	Proposal Not Consistent with Established Practices, Procedures, and Principles *A certification indicating that the proposal deviates from established practices, procedures, and principles*
09	Contract Subject to Cost Accounting Standards Board (CASB) Regulations *The resulting contract will be subject to Cost Accounting Standards Board (CASB) Regulations*
10	Contract Not Subject to Cost Accounting Standards Board (CASB) Regulations *The resulting contract will not be subject to Cost Accounting Standards Board (CASB) Regulations*
11	Adequate Cost Accounting Standards Board (CASB) Disclosure Statement Submitted *The proposing company's Cost Accounting Standards Board (CASB) disclosure statement has been determined adequate*
12	Inadequate Cost Accounting Standards Board (CASB) Disclosure Statement Determined *The proposing company's Cost Account Standards Board (CASB) statement has been determined to be inadequate*
13	Cost Accounting Standards Board (CASB) Disclosure Statement Not Submitted *The proposing company has not submitted a Cost Accounting Standards Board (CASB) disclosure statement*

14 Notified of Actual or Potential Disclosure Statement or Cost Accounting Standards Board (CASB) Noncompliance
The proposing company has been notified of an actual or potential noncompliance

15 Not Notified of Actual or Potential Disclosure Statement or Cost Accounting Standards Board (CASB) Noncompliance
The proposing company has not been notified of an actual or potential noncompliance

16 Proposal Consistent with Disclosed Practices or Standards
Certification indicating that the proposal is consistent with disclosed practices or standards

17 Proposal Not Consistent With Disclosed Practices or Standards
Certification indicating that the proposal is not consistent with disclosed practices or standards

18 Access to Communications Security Information Required

19 Access to Communication Security Information Not Required

20 Access to Restricted Data Required

21 Access to Restricted Data Not Required

22 Access to Critical Nuclear Weapon Design Information Required

23 Access to Critical Nuclear Weapon Design Information Not Required

24 Access to Formerly Restricted Data Required

25 Access to Formerly Restricted Data Not Required

26 Access to Sensitive Compartmented Information Required

27 Access to Sensitive Compartmented Information Not Required

28 Access to Non-sensitive Compartmented Information Required

29 Access to Non-sensitive Compartmented Information Not Required

30 Access to Special Access Information Required

31 Access to Special Access Information Not Required

32 Access to North Atlantic Treaty Organization Information Required

33 Access to North Atlantic Treaty Organization Information Not Required

34 Access to Foreign Government Information Required

35 Access to Foreign Government Information Not Required

36 Access to Limited Dissemination Information Required

37 Access to Limited Dissemination Information Not Required

38 Access to For Official Use Only Information Required

39 Access to For Official Use Only Information Not Required

40 Access to Other Type of Information Required

41 Access to Other Type of Information Not Required

42 Contractor Will Have Access to United States Classified Information at another Contractor's Facility or a Government Activity

43 Contractor Will Not Have Access to United States Classified Information at another Contractor's Facility or a Government Activity

44 Contractor Will Receive Classified Documents Only

45 Contractor Will Not Receive Classified Documents Only

46 Contractor Will Receive or Generate Classified Material

47 Contractor Will Not Receive or Generate Classified Material

48 Contractor Will Fabricate, Modify, or Store Classified Hardware

49 Contractor Will Not Fabricate, Modify, or Store Classified Hardware

50 Contractor Will Perform Services Only
51 Contractor Will Not Perform Services Only
52 Contractor Will Have Access to United States Classified Information outside the United States, Puerto Rico, United States Possessions and Trust Territories
53 Contractor Will Not Have Access to United States Classified Information outside the United States, Puerto Rico, United States Possessions and Trust Territories
54 Contractor Will Be Authorized to use the Services of Defense Technical Information Center or other Secondary Distribution Center
55 Contractor Will Not Be Authorized to use the Services of Defense Technical Information Center or other Secondary Distribution Center
56 Contractor Will Require a Communications Security Account
57 Contractor Will Not Require a Communications Security Account
58 Contractor Will Have Tempest Requirements
59 Contractor Will Not Have Tempest Requirements
60 Contractor Will Have Operations Security Requirements
61 Contractor Will Not Have Operations Security Requirements
62 Contractor Will Be Authorized to use the Defense Courier Service
63 Contractor Will Not Be Authorized to use the Defense Courier Service
64 Contractor Will Have some other Authorization in the Performance of the Contract
65 Contractor Will Not Have some other Authorization in the Performance of the Contract
66 Facility Clearance Required
67 Facility Clearance Not Required
68 Follow-on Contract
69 Not a Follow-on Contract
70 Final Contract Security Classification Specification
71 Not a Final Contract Security Classification Specification
72 Direct Public Release Authorized
73 Direct Public Release Not Authorized
74 Additional Materials being Forwarded
75 No Additional Materials being Forwarded
76 Additional Requirements Established
77 Additional Requirements Not Established
78 Elements of the Contract are outside the Inspection Responsibility of the Cognizant Security Office
79 No Element of the Contract Is Outside the Inspection Responsibility of the Cognizant Security Office
80 Contractor Distribution Required
81 Contractor Distribution Not Required
82 Subcontractor Distribution Required
83 Subcontractor Distribution Not Required
84 Cognizant Security Office for Prime and Subcontractor Distribution Required
85 Cognizant Security Office for Prime and Subcontractor Distribution Not Required
86 United States Activity Responsible for Overseas Security Administration Distribution Required

87 United States Activity Responsible for Overseas Security Administration Distribution Not Required
88 Administrative Contracting Office Distribution Required
89 Administrative Contracting Office Distribution Not Required
90 Other Distribution Required
91 Other Distribution Not Required
K1 Subcontract Costs
K2 Inter-Division Transfer
K3 Profit/Fee
K4 Labor History
K5 Bill of Materials and Purchase History
K6 Other Unlisted Proposal Type
KH General and Administrative Expenses (G&A)
KI Overhead Expenses
KJ Intermediate Expense Pool Allocation
KK Bases Used to Allocate Indirect Expense
KL Claimed Rates for Each Expense Pool
KM Facilities Capital Cost of Money Factors Computation
KN Reconciliation of Books of Account and Claimed Direct Cost-Incurred Costs
KO Contract Direct Costs Claimed and Not Claimed, IR&D/B&P Direct Costs Incurred (Overhead, G&A and Cost of Money Applied at Claimed Rates)-Incurred Costs
KP Government Participation in Indirect Expense Pools-Incurred Costs
KQ Reconciliation of Claimed G&A Pool to G&A Claimed on Contracts-Incurred Costs
KR Schedule of Cumulative Direct and Indirect Costs Claimed and Billed-Incurred Costs
KS Computation of Allowable IR&D/B&P Costs-Incurred Costs
KT Summary of Hours and Amounts on T&M/Labor Hour Contracts-Incurred Costs
KU Reconciliation of Total Payroll to Total Labor Distributed-Incurred Costs
KV Listing of Decisions/Agreements/Approvals and Description of Accounting/Organization Changes
KW Indirect Costs Certification
KX Direct Labor
KY Other Direct Costs
KZ Direct Material
L2 Other Unlisted Type of Proposal

1310 - Financing Type Code

Code identifying the type of contract financing required by the submitter of a pricing proposal

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

CB1

TRANSACTION SETS USED IN

805 840 850 860

CODE	DEFINITION & EXPLANATION
A	Advance Payment *A payment made in advance of workperformed*
G	Guaranteed Loan *A commercial loan guaranteed by the proposal requesting entity or some higher authority*
P	Progress Payment *A payment for progress made under a contract*

1311 - Calculation Operation Code

Code identifying what type of calculation will take place TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
BSD PL

TRANSACTION SETS USED IN
194 196 251 805 839

CODE	DEFINITION & EXPLANATION
A	Add
B	Non-Add
C	Common Logarithm (Base 10)
D	Divide
E	Equals
F	End of Formula *Indicates that the result of the previous operation completes the formula*
M	Multiply
N	Natural Logarithm (Base e)
Q	Square Root
R	Raise to a Power
S	Subtract

1312 - Test Period or Interval Qualifier

Code indicating the type of period or interval as related to when a test event occurs

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

TSP

TRANSACTION SETS USED IN

863

CODE	DEFINITION & EXPLANATION
TF	Final Test Measurement or Readpoint (Cumulative) *This code marks the end of the experiment under a specific test*
TI	Intermediate Test Measurements or Readpoint (Cumulative) *There may be a number of intermediate test points during an experiment; this code would likely be combined with DE 350 to indicate which intermediate test point it is*
TO	Initial Test Measurement or Readpoint (Cumulative) *This is the first test interval that a product or item is subject to*

1313 - Test Period or Interval Value

Numeric value of period or interval signifying when a test event occurs TYPE=**N0** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

ADI ADT ANI AOC AOI AOR AST ATR GDP TSP

TRANSACTION SETS USED IN

249 863

1314 - Point of Origin for Admission or Visit

A code indicating the point of patient origin for this admission or visit. TYPE=**ID** MIN=**1** MAX=**1**

Code Sources

230

SEGMENTS USED IN (AS SIMPLE)

CL1

TRANSACTION SETS USED IN

278 837

1315 - Priority (Type) of Admission or Visit

A code indicating the priority of this admission/visit. TYPE=ID MIN=1 MAX=1

Code Sources

231

SEGMENTS USED IN (AS SIMPLE)

CL1

TRANSACTION SETS USED IN

278 837

1316 - Ambulance Transport Code

Code indicating the type of ambulance transport

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

CR1

TRANSACTION SETS USED IN

278 837

CODE	DEFINITION & EXPLANATION
I	Initial Trip
R	Return Trip
T	Transfer Trip *Ambulance from one facility to another*
X	Round Trip

1317 - Ambulance Transport Reason Code

Code indicating the reason for ambulance transport TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CR1

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
A	Patient was transported to nearest facility for care of symptoms, complaints, or both
B	Patient was transported for the benefit of a preferred physician
C	Patient was transported for the nearness of family members
D	Patient was transported for the care of a specialist or for availability of specialized equipment
E	Patient Transferred to Rehabilitation Facility
F	Patient Transferred to Residential Facility
G	Patient Was Not Transported

1318 - Approval Code

Code specifying the determination arrived at by the Utilization Review Committee or Peer Review Organization (PRO)

TYPE=**ID** MIN=**1** MAX=**1**

Code Sources

232

SEGMENTS USED IN (AS SIMPLE)

UR

TRANSACTION SETS USED IN

837

1319 - Basis of Cost Determination Code

Code indicating the method by which the ingredient cost was calculated TYPE=**ID** MIN=**1** MAX=**2**

Code Sources

984 1000

SEGMENTS USED IN (AS SIMPLE)

SV4

TRANSACTION SETS USED IN

837

1320 - Basis of Days Supply Determination Code

Code indicating the method by which the days supply was determined TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
SV4

TRANSACTION SETS USED IN
837

CODE	DEFINITION & EXPLANATION
0	Not Specified
1	Explicit Directions
2	PRN Directions (Take as Needed; Pharmacist Estimate)
3	As Directed by Physician

1321 - Condition Indicator Code

Code indicating a condition

TYPE=**ID** MIN=**2** MAX=**3**

COMPOSITE DATA STRUCTURES USED IN
C045

SEGMENTS USED IN (AS COMPONENT)
CDI

SEGMENTS USED IN (AS SIMPLE)
ALG AP1 CPL CQ CRC CRI DET DP FU1 FX3 G82 IPU ITC LOD NF1 PAS REA VIT YNQ

TRANSACTION SETS USED IN
103 124 132 133 135 148 155 160 175 176 179 180 186 187 191 194 195 198 199 200 201 202 203 205 206 252 255 261 262 264 266 267 272 274 278 280 283 284 285 286 288 290 304 422 423 435 540 601 603 625 650 753 810 811 820 826 832 833 837 842 850 855 856 872 886 890 894 897

CODE	DEFINITION & EXPLANATION
00	Requested
01	Patient was admitted to a hospital
02	Patient was bed confined before the ambulance service
03	Patient was bed confined after the ambulance service
04	Patient was moved by stretcher
05	Patient was unconscious or in shock
06	Patient was transported in an emergency situation
07	Patient had to be physically restrained
08	Patient had visible hemorrhaging
09	Ambulance service was medically necessary
0A	Automated Export System - Post Departure Authorized Special Status (AES-PASS) Standard
0B	Automated Export System - Post Departure Authorized Special Status (AES-PASS) Expanded
0C	Automated Export System - Post Departure Authorized Special Status (AES-PASS) Post Departure
0D	Facility's Emergency Response Plan Includes Information on Emergency Health Care
0E	Facility's Emergency Response Plan Includes Procedures for Informing Public and Local Agencies Responsible for Responding to an Accidental Release
0F	Facility has a Clean Air Act Title V Operating Permit
0G	Facility has a Written Emergency Response Plan
0H	Facility has Reportable Accidents
0I	Facility is Covered by the Emergency Planning and Community Right to Know Act Section 302
0J	Facility is Covered by the Occupational Safety and Health Act (OSHA) Process Safety Management Standard
0K	Facility is Included in the Community Emergency Response Plan
0L	Hazardous Waste Mixed with Resource Conservation Recovery Act (RCRA)-Radioactive Material

0M Offsite Responders Notified
0N Precipitation Present
0O Disabled Veteran
0P Servicer has Advanced Funds to Pay for Delinquent Taxes on Non-escrowed Mortgage
0Q Property Has Fire Insurance Only that was not Lender Placed
0R Reported but Unconfirmed
0S Has Smoke Alarms
0T Operates as a Holding Company
0U Optimum
0V Renewed
0W Highest Educational Level
0X Principal Certificate
0Y Inservice Education Completed
0Z Main Assignment
10 Patient is ambulatory
11 Ambulation is Impaired and Walking Aid is Used for Therapy or Mobility
12 Patient is confined to a bed or chair
13 Patient is Confined to a Room or an Area Without Bathroom Facilities
14 Ambulation is Impaired and Walking Aid is Used for Mobility
15 Patient Condition Requires Positioning of the Body or Attachments Which Would Not be Feasible With the Use of an Ordinary Bed
16 Patient needs a trapeze bar to sit up due to respiratory condition or change body positions for other medical reasons
17 Patient's Ability to Breathe is Severely Impaired
18 Patient condition requires frequent and/or immediate changes in body positions
19 Patient can operate controls
1A Patient is receiving anti-fungal therapy
1B Property is occupied by owner
1C Property is occupied by tenant
1D Property is vacant
1E Location is urban
1F Location is suburban
1G Location is rural
1H Built-up over 75%
1I Built-up 25 - 75%
1J Built-up under 25%
1K Growth rate is rapid
1L Class I-Left
Normal relationship of the left side of the mouth by correct interdigitation of the upper and lower molars
1M Growth rate is stable
1N Growth rate is slow
1O Property values are increasing
1P Property values are stable

1Q Property values are declining

1R Class I-Right
Normal relationship of the right side of the mouth by correct interdigitation of the upper and lower molars

1S Demand or supply is in shortage

1T Demand or supply is in balance

1U Demand or supply is over supply

1V Marketing time is under 3 months

1W Marketing time is 3 to 6 months

1X Marketing time is over 6 months

1Y Predominant occupancy is the owner

1Z Predominant occupancy is the tenant

20 Siderails Are to be Attached to a Hospital Bed Owned by the Beneficiary

21 Patient owns equipment

22 Mattress or Siderails are Being Used with Prescribed Medically Necessary Hospital Bed Owned by the Beneficiary

23 Patient Needs Lift to Get In or Out of Bed or to Assist in Transfer from Bed to Wheelchair

24 Patient has an orthopedic impairment requiring traction equipment which prevents ambulation during period of use

25 Item has been prescribed as part of a planned regimen of treatment in patient home

26 Patient is highly susceptible to decubitus ulcers

27 Patient or a care-giver has been instructed in use of equipment

28 Patient has poor diabetic control

29 A 6-7 hour nocturnal study documents 30 episodes of apnea, each lasting more than 10 seconds

2A Patient is receiving oral anti-fungal therapy

2B Predominant occupancy is vacant (0-5%)

2C Predominant occupancy is vacant (over 5%)

2D Developer or builder is in control of the Home Owners Association

2E Site is a corner lot

2F Zoning compliance is legal

2G Zoning compliance is legal nonconforming (grandfather use)

2H Zoning compliance is illegal

2I There is no zoning

2J Highest and best use as improved is the present use

2K Highest and best use as improved is other use

2L Class II-Left
The lower left first molar is posterior to the upper left first molar

2M Property is located in a Federal Emergency Management Administration special flood hazard area

2N Appraisal is made "as is"

2O Appraisal is made subject to the repairs, alterations, inspections, or conditions listed

2P Appraisal is made subject to the completion per plans and specifications

2Q Project type is planned unit development (PUD)

2R Class II-Right
The lower right first molar is posterior to the upper right first molar
2S Project type is condominium
2T Property rights are fee simple
2U Property rights are leasehold
2V Supervisor appraiser inspected the property per supervisory appraiser's certification
2W Property was sold within last 12 months
2X Appraiser signed statement of limiting conditions and disclaimer
2Y Ownership interest in a property
2Z Termination
30 Without the equipment, the patient would require surgery
31 Patient has had a total knee replacement
32 Patient has intractable lymphedema of the extremities
33 Patient is in a nursing home
34 Patient is conscious
35 This Feeding is the Only Form of Nutritional Intake for This Patient
36 Patient was administered premix
37 Oxygen delivery equipment is stationary
38 Certification signed by the physician is on file at the supplier's office
39 Patient Has Mobilizing Respiratory Tract Secretions
3A Patient is receiving topical anti-fungal therapy
3B Points Paid by Seller
3C Points Paid by Buyer
3D Seller Concession
3E Letter of Certification
3F Verbal Report Needed
3G Any Relationship Between Owner and Occupant
3H Map and Directions to Remote Properties to Follow
3I Ground Lease to Follow
3J Disclosure Statement to Follow
3K Copy of Property Listing to Follow
3L Class III-Left
The lower left first molar is mesial to the upper left first molar
3M Copy of Title Report Plat Map to Follow
3N Property Tax Bill to Follow
3O Engineering or Soil Report to Follow
3P Sales Contract Available
3Q Leave Will be Taken
3R Class III-Right
The lower right first molar is mesial to the upper right first molar
3S Approved
3T Balance Sheet does not balance
3U Banking done through Parent Company
3V Banking done through Related Concern

3W Banking done through Subsidiary
3X Can not determine if subject engaged in business
3Y Deteriorated
3Z Detrimental Information Received
40 Patient or Caregiver is Capable of Using the Equipment Without Technical or Professional Supervision
41 Patient or Caregiver is Unable to Propel or Lift a Standard Weight Wheelchair
42 Patient Requires Leg Elevation for Edema or Body Alignment
43 Patient Weight or Usage Needs Necessitate a Heavy Duty Wheelchair
44 Patient Requires Reclining Function of a Wheelchair
45 Patient is Unable to Operate a Wheelchair Manually
46 Patient or Caregiver Requires Side Transfer into Wheelchair, Commode or Other
47 Advertisement Run Condition
48 Individual Paid for Last Day Worked
49 Full Wages Paid for Date of Injury
4A Services are rendered within Hospice-elected period of coverage
4B Accidents
4C Account Representative Transfer
4D Additional Coverage
4E Advice to Stop
4F Agent Replacement
4G Backup Withholding
4H Current Employer
4I Current Occupation
4J Employer Reimbursement
4K Employee Retirement Income Security Act (ERISA)
4L Expected Changes
4M Experimental
4N Foreign Flight
4O Future Involvement
4P Grounding, Fine, Reprimand
4Q Group Disability Insurance Conversion
4R Group Disability Insurance Offset
4S Group Disability Insurance Participation
4T Group Disability Insurance Top Up
4U Home Employment
4V Information Omitted
4W Injury Benefits
4X Issue at Higher Premiums
4Y Issue With Exclusions
4Z Issue Without Benefits
50 Citation or Ticket Issued
51 Individual is Member of Policyholder's Household

52 Individual Permitted to Use Vehicle
53 Individual Wore Seatbelt
54 Child Restraint Device in Vehicle
55 Child Restraint Device Used
56 Individual Injured
57 Individual Transported to Another Location
58 Durable Medical Equipment (DME) Purchased New
59 Durable Medical Equipment (DME) Is Under Warranty
5A Treatment is rendered related to the terminal illness
5B Certified Aftermarket Parts Association (CAPA) Only
5C Certified Aftermarket Parts Association (CAPA) Preferred
5D Juvenile Seen
5E Medical Treatment
5F Military Aviation
5G New Group
5H Other Coverage Offset
5I Other Principals Being Insured
5J Owner Active in Business
5K Payroll Deduction
5L Prepaid
5M Previous Application
5N Primary Occupation
5O Racing Accident
5P Replacement
5Q Resides With Applicant
5R Gender Distinct
5S Sibling Coverage
5T Sickness Benefits
5U Special Dating
5V Spousal Consent
5W Suitability Analysis
5X Suitable for Coverage
5Y Taxable
5Z This Company Replacement
60 Transportation Was To the Nearest Facility
61 Employee is Exempt
62 Claimant is Covered on the Employer's Long-term Disability Plan
63 Employee's Job Responsibilities Changed Due to the Disabling Condition
64 Employer Has a Return to Work Policy for Disabled Employees
65 Open
66 Normal
67 Closed-moderate
68 Severe

69 Moderate
6A Treatment is rendered by a Hospice employed physician
6B United States Citizen
6C Permanent Resident Alien
6D Borrower is First Time Homebuyer
6E Unemployment Claims
6F Unemployment Insurance Eligibility
6G Work Status
6H Workers Compensation Eligible
6I Factored on Recourse Basis
6J Factored with Advances
6K Figures are Actual
6L Figures are Anticipated
6M Figures are Estimated
6N Figures are Modified
6O Figures are Projected
6P Government Business Number Unavailable
6Q Goodwill Origin Purchased from Bankrupt Company
Goodwill (intangible for use of name) purchased from company which has gone bankrupt
6R Goodwill Origin Rented
Goodwill (intangible for use of name) leased from another company for a period of time
6S Has no ownership
6T Improved
6U Intangibles breakdown available
6V Intangibles include Organizational Expense
6W Intercompany relations consist of Loans and Advances
6X Intercompany relations consist of Merchandise Transactions
6Y Intercompany relations consist of Service Transactions
6Z Local banking utilized on a transfer account basis
70 Straight
71 Convex
72 Concave
73 Double Protrusion
The projection of both the upper and lower anterior teeth beyond normal limits
74 No Crossbite
Refers to the absence of a crossbite
75 Posterior
76 Anterior
77 Maxillary
The upper teeth
78 Mandibular
The lower teeth
79 Right
7A Treatment is rendered by a private attending physician

7B Medications Ordered are being Administered Intramuscularly
7C Medications Ordered are being Administered Intravenously
7D Medications Ordered are being Administered Orally
7E Maintains no Inventory
7F Medications Ordered are being Administered Subcutaneously
7G Majority
7H Marketable Securities valued at cost
7I Marketable Securities valued at lower of cost or market
7J Interior Access Denied
7K Repairs are Recommended
7L Loan Originated under Shared Equity Plan
7M Title and or Legal Issues Exist
7N Environmental Issues Exist
7O Property is Listed As Is
7P Property is Listed as Repaired
7Q Vacancy Rate is Greater Than 5 Percent to 10 Percent
7R Vacancy Rate is Greater Than 10 Percent to 20 Percent
7S Vacancy Rate is Greater Than 20 Percent
7T Most Comparable Property
7U Anticipate Issues which Affect Ability to Secure Financing
7V Points are Paid by Seller
7W Property Covered by Flood Insurance Policy
7X Property Covered by Earthquake Insurance Policy
7Y Points are Negotiable
7Z Property is Currently Listed with a Real Estate Firm
80 Left
81 Maxillary Moderate
Average crowding of the upper teeth
82 Mandibular Moderate
Average crowding of the lower teeth
83 Maxillary Severe
Excessive crowding of the upper teeth
84 Mandibular Severe
Excessive crowding of the lower teeth
85 Income Has Been Verified
86 Person Has Been Interviewed
87 Rent Has Been Verified
88 Employer Has Been Verified
89 Position Has Been Verified
8A Treatment is curative
8B Income or Assets of Another Used
8C Disclosure of Someone Else's Liabilities Required
8D Property Improvements "to be made"
8E Property Improvements "have been made"

8F Distant Suburban
8G Self Employed
8H Liability to be Satisfied
8I Are Assets/Liabilities Reported Jointly
8J Location is Farm
8K Location is Resort
8L Shortage Exist for Competing Listings
8M Competing Listings are in Balance
8N Oversupply Exist for Competing Listings
8O Incentives are Offered
8P Listed Property has been Inspected
8Q Sale Property has been Inspected
8R General Marketing Condition is Depressed
8S General Marketing Condition is Slow
8T General Marketing Condition is Static
8U General Marketing Condition is Improving
8V General Marketing Condition is Excellent
8W Employment Conditions are Stable
8X Employment Conditions are Declining
8Y Employment Conditions are Increasing
8Z Overimprovement Condition Exists
90 Inquiry Has Been Verified
91 Outstanding Judgments
92 Declared Bankruptcy in Past 7 Years
93 Foreclosure or Deed in Lieu in Past 7 Years
94 Party to Lawsuit
95 Obligated on a Loan Foreclosed, Deed in Lieu of Judgment
96 Currently Delinquent or in Default
97 Obligated to Pay Alimony, Child Support or Maintenance
98 Part of Down Payment Borrowed
99 Co-maker or Endorser on a Note
9A Treatment is Palliative
9B Involuntary Committal
9C Lack of Available Equipment
9D Lack of Appropriate Facility within Reasonable Distance to Treat Patient in the Event of Complications
9E Sudden Onset of Disorientation
9F Sudden Onset of Severe, Incapacitating Pain
9G Continuous Hemorrhage from any Site with Abnormal Lab Values
9H Patient Requires Intensive IV Therapy
9I Patient Requires Volume Expanders
9J Patient Requires Protective Isolation
9K Patient Requires Frequent Monitoring

9L Patient Requires Extended Post-operative Observation
9M Foreclosure Proceedings Have Begun
9N Underimprovement Condition Exists
9O Marketability of Property is Excellent
9P Marketability of Property is Good
9Q Marketability of Property is Fair
9R Marketability of Property is Poor
9S Fees are Current
9T Fees Include Tennis
9U Fees Include Pool
9V Fees Include Insurance
9W Fees Include Landscape
9X Fees Include Other Amenities
9Y Most Likely Buyer is Owner Occupant
9Z Most Likely Buyer is Investor
A0 Liability Coverage Will Transfer
A1 Most Likely Buyer is Other Person or Entity
A2 Potential Financing is Fannie Mae
A3 Suppress Paper Endorsement
A4 Do Not Suppress Paper Endorsement
A5 Escrow
A6 Teaching Minor
A7 Sub-servicer Submitted
A8 First Mortgage
A9 Second Mortgage
AA Amputation
AB Address Skip Begin
AC Address Corrected
AD Automatic Drill Time Calculated
AE Automatic Edging Time Calculated
AF Automatically Select
AG Agitated
AH Automatically Search and List
AI Address Incorrect
AJ Assumable
AK Potential Financing is Cash
AL Ambulation Limitations
AM Potential Financing is Outside Lender
AN Address Incomplete
AO Accept Certification without Changes
AP Alley is Public
AQ Potential Financing is Federal Housing Administration
AR Address Skip Resolved

AS Address Skip Exhaust
AT Accept Statement of Limiting Conditions without Changes
AU Automatic Underside Time Calculated
AV Available - Not Used
AW Accept Certification with Changes
AX Accept Statement of Limiting Conditions with Changes
AY Adjacent Track Occupied
AZ Potential Financing is Veterans Affairs
B0 Uninsured Motorist Coverage Will Transfer
B1 Mortgage in Foreclosure
B2 Real Estate Owned (REO) Mortgage
B3 Potential Financing is Contract for Deed
B4 Only the Exterior has been Inspected
B5 Real Estate Owned Property or Foreclosure Property
B6 Number of Comparable Listings is Normal
B7 Number of Comparable Listings is an Oversupply
B8 Number of Comparable Listings is a Shortage
B9 Property Management Expenses Outstanding
BA Borrower Letter Attempt
BB Building or Mobile Home is in a Coastal Barrier Resources Area
BC Borrower Telephone Contact
BD Business Pending
BE Borrower Letter Contact
BF Marketable Securities valued at market
BG Appropriate Improvement Condition Exists
BH Name unknown to local authorities
BI No manufacturing done on Premises
BJ Occasional
BK Officer or owner in other Businesses
BL Bowel Limitations, Bladder Limitations, or both (Incontinence)
BM Old
BN Operates on part time basis
BO Parent Financial Statement Used
BP Borrower Payment Received
BQ Product Information Available
BR Bedrest BRP (Bathroom Privileges)
BS Revenue derived from Commissions
BT Borrower Telephone Attempt
BU Revenue derived from Donations
BV Revenue derived from Fees
BW Revenue derived from Grants
BX Revenue derived from Taxes
BY Sprinkler Equipped

BZ Statement requested from Government Registry
C0 Collision Coverage Will Transfer
C1 Advances From Property Management Expenses Outstanding
C2 Final Demand Letter Sent
C3 Lender Request for Assistance
C4 Mortgage has Lender-purchased Mortgage Insurance
C5 Insufficient Funds
C6 Credit Enhanced Mortgage
C7 Corporate Appointment
C8 Special Servicing Required
C9 Client Specifically Requested Consideration of Special Financing or an Assumable Loan
CA Cane Required
CB Complete Bedrest
CC Collection Card was Left
CD Call to Directory Assistance for Reference Telephone
CE Co-signer Telephone Attempt
CF Co-signer Telephone Contact
CG Co-signer Delinquency Letter Sent
CH Co-signer Final Demand Letter Sent
CI Call to Directory Assistance for Co-signer Telephone
CJ Valid Borrower Address or Phone Attempt with Previous Holder
CK Convertible
CL Claimant had a Pre-existing Injury
CM Comatose
CN Common Elements are Leased to or by the Home Owners' Association
CO Contracture
CP Case Pending
CQ Callable
CR Crutches Required
CS Community Participates in National Flood Insurance Program
CT Common Elements are Completed
CU Curb and Gutter are Public
CV Cooperative
CW Cooling Water is Low
CX Certification Status
CY Car Spaces are Adequate
CZ Car Spaces are Inadequate
D0 Comprehensive Coverage Will Transfer
D1 Issue Check Payable to Borrower and Return to Servicer
D2 Issue Check Payable to Servicer and Return to Servicer
D3 Issue Check Payable to Borrower and Send to Borrower
D4 Issue Check Payable to Servicer or Borrower and Return to Servicer
D5 Issue Check Payable to Other Payee

D6 Positive
D7 Negative
D8 Taxes are Typical for the Area and Price Range
D9 Improvement Conforms to Zoning Regulations
DA Call to Directory Assistance for Borrower Telephone
DB Deferment or Forbearance Begin
DC Declined
The customer or vehicle owner's election to decline the use of an aftermarket part
DD Borrower Furnished Demographic Data
DE Deferment or Forbearance End
DF Funds available for Unsecured Creditors
DG Dynamic Brakes are Out
DH Debtor has been Domiciled
DI Disoriented
DJ Dynamic Brakes are Operational
DK Construction Warranty
DL Construction Warranty Transferable
DM Maintenance Drug under Client's Benefit Plan
DN Payment Reduced Because Maximum Allowable Cost Exceeded
DO Benefits Terminated Prior to Service Date
DP Depressed
DQ Drug Part of Formulary Data Base
DR Subject not Engaged in Business
DS All Door Seals are Intact
DT Filing Fee Attached
DU Subject not Engaged in Business at Requested Address
DV Suspended
DW Total
DX Unable to Respond
DY Dyspnea with Minimal Exertion
DZ Uses Own Facilities
E0 Figures are Total
E1 Fixed Asset Breakdown Undisclosed
E2 For the Fiscal Year
E3 For the Period
E4 Formed by Consolidation
E5 Formed by Merger
E6 Prior Bankruptcy Case Filed in Last 6 Years
E7 Debtor is not Represented by an Attorney
E8 A Pending Case has been Filed
E9 Guaranteed by Parent Company
EA Has Authority for All Purchases
EB Has Authority to Purchase Supplies

EC Equipment Certified
ED Has Business Interruption Insurance
EE Has Class of Stock
EF Has Extended Coverage Insurance
EG Has Fire Insurance
EH Has Joint Authority
EI Has Life Insurance
EJ Existence of Preliminary Flood Determination
EK Existence of Community Participation in the National Flood Insurance
EL Endurance Limitations
EM Has Marriage Contract
EN Electricity On
EO Equipment Is Overhauled
EP Exercises Prescribed
EQ Has No Par Value
ER Engine Start-Up Performed with No Problems Reported
ES Engine Start-Up Performed with Problems Reported
ET Electrical Control System Shut Down
EU Has Other Insurance
EV Has Par Value
EW Has Sole Authority
EX Excellent
EY Has Voting Rights
EZ Heading Address in Registered Office Only
F0 High Level
F1 Homeworkers Employed
F2 In Subscriber Shares
F3 Inactive
F4 Incomplete
F5 Incorporation Details Requested
F6 Increase or Up
F7 Information Cannot Be Provided at This Time
F8 Information in Date
F9 Information Requires Investigation
FA Actions has a Significant Environmental Effect
FB Application Includes Complete System
FC Antenna is Mounted on a Structure with an Existing Antenna
FD Notice of Construction or Alteration has been Filed
FE Applicant Wants to Monitor Frequency
FF Applicant has been Denied Government Benefits Due to Use of Drugs
FG Application is Certified
FH Application is for other Than a New Station
FI Fee Required

FJ Flood Status
FK Flood Insurance Required
FL Federal Flood Insurance is Available (Community Participates)
FM Inventory Valued Using LIFO (Last In/First Out)
FN Not Too High Level
FO Forgetful
FP Flood Certification with Life of Loan
FQ Street Maintenance is Public
FR Fair
FS Not Yet Registered
FT Obliged to File Balance Sheet
FU Official Confirmation Received
FV Old But Well Kept
FW Old Established Business
FX Operated at Break Even
FY Operates as Agent
FZ Flood Zone Status
G0 Out of Business
G1 Outstanding Claims
G2 Gas On
G3 Hazardous Materials are Used or Produced
G4 Genetically Engineered Organisms are Used or Produced
G5 This is a Group Proposal
G6 Historical Sites Are Affected
G7 Facilities are Properly Accredited or Authorized
G8 Proprietary or Privileged Information will be contained in the Application
G9 This Project has an Actual or Potential Impact on the Environment
GA Growth Rate is Fully Developed
GB Outstanding Social Security Claims
GC Outstanding Value Added Tax (VAT) Claims
GD Product Demonstration in Effect
GE Ownership Acknowledged in Signed Statement
GF Ownership Acknowledged Verbally
GG Ownership Not Acknowledged
GH Owns No Real Estate
GI Owns Real Estate but Details Not Available
GJ Prepared from Books Without Audit
GK Prepared from Statement by Accountant
GL Profits Paid to Group
GM Shelf Set to Manufacturer's Standard
GN Publicly Traded
GO Good
GP Purchase Authority is Qualified

GQ Purchases on Floor Plan
GR Shelf Set to Retailer's Schematic
GS Purchases on Letter of Credit
GT Real Estate Check is Necessary
GU Record of Preferential Claims
GV Registered Address is Same as Business Address
GW Relatives Help in Business
GX Satisfactory
GY Seasons are Steady
GZ Secured
H0 Organization Certifies Compliance with Federal Lobbying Regulations
H1 Project involves International Co-operative Activities
H2 Human Anatomical Substances Are Used
H3 Handicap Facilities Are Available
H4 Lobbying Activities Have Been Conducted Regarding the Proposal
H5 Organization Certifies Compliance With the Drug-Free Workplace Act
H6 Organization Certifies Compliance with the Code of Federal Regulations Regarding Research Misconduct
H7 Organization Provides a Smoke Free Workplace
H8 Organization Certifies Compliance with Federal Discrimination Regulations
H9 Organization Certifies Compliance with the Code of Federal Regulations Regarding Responsibility of Applicants for Promoting Objectivity in Research for which Public Health Service (PHS) Funding is Sought
HA Well Maintained
HB Interest Rate Buydown
HC Heating and Cooling for the Individual Units Separately Metered
HD High Discharge
HE High Engine Water Pressure
HF Interest Only
HG Graduated Payment
HH Principal Balance Exceeds Maximum Negative Amortization
HI Last Change
HJ Liability Released
HK Liability Not Released
HL Hearing Limitations
HM Liability Determined by Note Holder
HN After Conversion
HO Hostile
HP After Modification
HQ Balloon
HR Capitalized Mortgage
HS Federal Wages in Effect
HT Social Security Number (SSN) Never Issued
HU Name Does Not Match Social Security Number (SSN)

HV Birthdate Does Not Match Social Security Number (SSN)
HW Impossible Social Security Number (SSN)
HX Employee is Ineligible to Work
HY Metes and Bounds
HZ Consolidation, Extension, Modification of Mortgage Loan (CEM)
I0 Based on Operating Data
I1 Uses Outside Services
I2 Very High Level
I3 Very Small
I4 Voluntary Bankruptcy
I5 Well Balanced
I6 Well Regarded in Business Circles
I7 Organization has Delinquent Federal Debts
I8 Organization has been Placed on the Federal Debarment and Suspension List
I9 No-show Indicator
IA Interest Paid in Advance
IB Interest Paid in Arrears
IC Interest Carryover
ID Sells Directly
IE Sells with Agents
IF Sells with Storage
IG Small
IH Independent at Home
II Some Increase
IJ Somewhat Declining Tendency
IK Started Some Time Ago
IL Industry Location
IM Sufficient
IN Indifferent
IO Termination Date Set
IP Injury occurred on Employer's Premises
IQ Terms Include Lump Sum Payments
IR Terms Include Progress Payments
IS Terms on Cost Plus Basis
IT Terms on Fixed Fee Basis
IU Trade Style Registered
IV Trading Address of Sole Proprietor
IW Unchanged Situation
IX Undetermined
IY Unsatisfactory
IZ Unsecured
J0 Qualifies as an Energy Efficient Home
J1 Military Services Barred from Recruitment Activities at the Proposing Organization's Site(s)

J2 Rate Negotiated
J3 Under Penalty of Perjury the Information is True and Correct
J4 Project Requires Inter-Government Review for Activities that affect State or Local Government or Possible National Security Implications
J5 Filing on Behalf of Debtor is Authorized
J6 Debtor Understands the Relief available under each Bankruptcy Chapter
J7 Attorney Declares that Debtor has been Informed
J8 Attorney has Explained the Relief available under each Bankruptcy Chapter
J9 There has been a Transfer of a Claim Against the Debtor by or to any Petitioner
JA Third Party Originated
JB Existing Construction
JC Other Lien
JD Subject Lien
JE No Evidence of Property Damage Observed such as Dampness, Termites, or Structure Settlement
JF Primary Underwriting System
JG Non New Parts Used
JH Pledged Loan
JI Security Delivery
JJ Secondary Underwriting System
JK Distribution is Stopped
JL Sentence was Suspended
JM Very Negative Information Exists
JN Payment Notes Exist
JO Immigrated
JP Audited with Qualifications
JQ Audited
JR Temporarily Closed
JS Partial
JT Telephone Number is Unpublished
JU Telephone Number is Not in Service
JV Negative Information Exists for the Group
JW The More Important Items are Only Included
JX Interest Owned by Affiliated Company
JY Interest Owned by Subject of Inquiry
JZ Qualifies as a Government Approved Condominium or Project
K0 Account Receivables Breakdown Undisclosed
K1 Additional Record Items Available
K2 Address is Qualified
K3 All Paid In or Issued
K4 Appears High
K5 Appears Not to Guarantee Sufficient Coverage
K6 Appears Sufficiently High
K7 Appears to Indicate a Strained Situation

K8 Banks with Main National Banks
K9 Bills Paid from Branch Office
KA Bills Paid from Division Office
KB Bills Paid from Headquarters Office
KC Bond Information Available
KD Changed Accounting Date
KE Clear
KF Clear Declining Tendency
KG Clear Increase
KH Cluttered
KI Company has No Other Locations
KJ Company is Branch of Foreign Entity
KK Company is Perpetual
KL Company is Tax Exempt
KM Compared to Same Period Last Year
KN Conducted at a Loss
KO Inventory Valued using FIFO (First In/First Out)
KP Large
KQ Letter of Agreement Present
KR Letter of Agreement Withdrawn
KS Letter of Liability Present
KT Letter of Liability Withdrawn
KU Location Inquired Upon is a Branch
KV Location Inquired Upon is a Branch; Headquarters is Provided
KW Location inquired upon is a Headquarters
KX Location is Foreign
KY Means Exhausted
KZ Medium to Large
L0 Immunization Mandated by State Law for Employment
L1 General Standard of 20 Degree or .5 Diopter Sphere or Cylinder Change Met
L2 Replacement Due to Loss or Theft
L3 Replacement Due to Breakage or Damage
L4 Replacement Due to Patient Preference
L5 Replacement Due to Medical Reason
L6 Land Contract
L7 Account Current
L8 Very Good
L9 Restored
LA Letter of Map Amendment or Letter of Map Revision
LB Legally Blind
LC Producer of Goods
LD Drawback Indicator
LE Lethargic

LF Customs Rule Applicable
LG Exported Pursuant to Law Regulation or to Cancel Customs Bond
LH Country of Origin Information Applies to All Prior Shipments
LI Price Estimated
LJ North American Free Trade Agreement (NAFTA) Preference
LK Kit Form
LL Lockout Effective
LM Letter of Appointment
LN Facility's Emergency Response Plan Includes Specific Actions to be Taken in Response to Accidental Releases of Regulated Substances
LO Locomotive is Isolated
LP Low Engine Oil Pressure
LQ Facility had a Safety Inspection
LR Locomotive Engine is Running
LS Lessee Signature on File
LT Lender or Servicer Transfer
LU Evidence of Dampness
LV Evidence of Termites
LW Evidence of Structure Settlement
LX Salvage Moved
LY Address is Former Location
LZ Address is Occupied by Others
M0 Facility has an Occupational Safety and Health Act (OSHA) Star or Merit Ranking
M1 Data Corrected
M2 Servicer Record Selected
M3 Length of Service is 3 Months or Less
M4 Length of Service is 3 Months or more, and Less than 1 Year
M5 Length of Service is 1 Year through 5 Years
M6 Length of Service is more than 5 Years
M7 Cataract or Corneal Transplant or Other Condition such as Keratoconus
M8 Vision in Worse Eye Correctable to 20/40 or Better with Regular Lenses
M9 Contact Lenses Corrected Vision in Worse Eye to 20/40 or Better
MA Major Alarm Flag Reported
MB Equipment has Modified Configuration
MC Other Mental Condition
MD Marketing Time is 4 to 6 Months
ME Trend Reversed
MF Microprocessor Fault
MG Mortgage Insurance Application Included
MH Mortgage Credit Report Included
MI Residential Loan Application Included
MJ Real Estate Information Report Included
MK Real Estate Title Evidence Included

ML Manually Search and List
MM Property is Occupied by Tenant (Market Rent)
MN Property is Occupied by Tenant (Regulated Rent)
MO Cooperative Project Includes or Owns Any Commercial Units
MP Units and Project Amenities are Complete
MQ Eligible Trust
MR Resale Property
MS Miscellaneous Skip-Trace Attempt
MT Photos Match Description
MU Photos Show Negative Influence
MV Exclude from Monthly Debt
MW This Broker Market Analysis is being Completed for Home Market Assistance
MX This Broker Market Analysis is being Completed for Homesale or Buyout
MY Project Type is Single Family
MZ Project Type is Other
N0 Hospitalized over-night
N1 Claim Involves (a) Day(s) Away From Work
N2 Claim involves Restricted Work Activity Without Days Away from Work
N3 Strike or Lockout in Progress
N4 Shutdown or Layoff in Progress
N5 Work is Seasonal
N6 Natural Disaster or Adverse Weather Affecting Work
N7 Shorter Work Schedules or Fewer Pay Periods than Usual in Effect
N8 Longer Work Schedules or More Pay Periods than Usual in Effect
N9 Other Factors Affect Claim Frequency
NA No User Available
NB Neighborhood Predominately Single Family Dwellings
NC Item has Direct Numerical Control
ND Note Holder Permission Required
NE Notarized
NF New Construction
NG Mortgage Points are Customarily Paid by Seller
NH No National Flood Insurance Program map
NI Seasoned Mortgage
NJ Issues are Anticipated that would Affect the Ability to Secure Financing of the Subject Property
NK Citizenship
NL Group Disability Insurance Mandatory
NM Retail Origination
NN Answer to Referenced Question is "None"
NO Arm's Length Transaction
NP Certification of a Non-attorney Bankruptcy Petition Preparer
NQ Eligible for the Fannie Mae Neighbors Program

NR No Restrictions
NS 401K Plan in Effect
NT Lodging Provided
NU Not Used
NV Contract Labor
NW Bonuses Paid
NX Minors Employed
NY Meets Requirements for Fannie Mae Community Seconds Program
NZ Purchase is a Result of Current Employer Sponsored Relocation
O0 Teaching Major
O1 Multiple Unspecified Instances
O2 Hires Part Time Employees as Needed
O3 Mexican Request
O4 Risk Management Plan Requires Predictive Filing
O5 Sanitized Copy
O6 Site Treated, Disposed, Recycled Waste On-Site or Discharged Waste to Sewer or Publicly Owned Treatment Works
O7 Toxic Chemical Claimed as Trade Secret
O8 Under Control of Reporting Facility or Parent Company
O9 Weather Conditions Not Known
OA Seller Provided Below Market Secondary Financing
OB Fixed Site
OC Mobile Facility
OD Transfer Authorized
OE Transfer Complete
OF Commercial Driver's License Verified
OG Responsibility Accepted
OH Waterbody Involved
OI Charges Pending
OJ Driver has Proper License Class
OK Driver Compliant with License Restrictions
OL Other Limitation
OM Driver has Commercial Driver's License
ON Driver has Medical Waiver
OO Own other Federal Housing Administration Property
OP Out of Range Product Temperature
OQ Photographs Taken
OR Other Restrictions
OS Out of Service
OT Oriented
OU Police Officer at Scene
OV Overridden
OW Proposed

OX Rating is Affected
OY Veteran as Defined by the Federal Housing Administration (FHA), Veterans Administration (VA), or Department of Housing and Urban Development (HUD)
OZ Liability is Contingent or has a Co-signer
P0 Terminal Degree
P1 Patient was Discharged from the First Facility
P2 Patient was Admitted to the Second Facility
P3 Property has a Family Room or Den
P4 Property has Central Air Conditioning
P5 Property Typical of Neighborhood
P6 Property Deferred Maintenance Typical of Neighborhood
P7 Accepting Existing Patients
P8 Accepting New Patients
P9 Property Intended to be Occupied as Primary Residence
PA Paralysis
PB Phone Skip Begin
PC Plan is Attached
PD Phone Skip Resolved
PE Phone Skip Exhaust
PF Paid Outside of Closing
PG Project is Subject to Ground Rent
PH Prepayable
PI Program
PJ Provider is Participating
PK Preliminary Flood Determination
PL Provider Certification in the Taxonomy Has Been Verified
PM Project and Services Budget is Maintained
PN Atypical Physical Condition
PO Personal Property Onsite
PP Property Previously Winterized
PQ Liability will be Resubordinated to the Loan upon Closing
PR Poor
PS Publication is Included in Sharing
PT Project is Complete
PU Not Paid
PV Property Vacant 0-5 Percent
PW Partial Weight Bearing
PX Paid by Borrower Before Closing
PY Property for Sale
PZ Property Vacant Over 5 Percent
Q0 Veteran
Q1 Export Product
Q2 Distilled Spirit, Beer or Wine

Q3 U.S. Goods Returned
Q4 Candidate for U.S. Customs and Border Protection (CBP) Protest
Q5 Domestic Product
Q6 Prior Approval Letter and Official Orders on File
Q7 Importer's Substantiating Statement and Contract are on File
Q8 International Transport Movement
Q9 Piece Count should be Included in the Total Packing List Quantity
QA Shipment should be Held at the Port
QB Multiple States of Origin for this Item
QC Multiple Countries of Origin for this Item
QD Letter of Credit Restricted to a Specific Bank
QE Letter of Credit Permits Transshipment
QF Letter of Credit Covers Partial Shipments
QG Dutiable Item
QH Amounts should be Pro-rated across Line Items
QI Toxic Substance Control Act (TSCA) Certification Required
QJ Visa Required for this Item
QK Item Subject to Quotas
QL Item is a Set as Defined by the General Rules of Interpretation Section 3 (GRI3)
QM Item is a Set
QN Item is an Ensemble
QO Item is a Metal Item
QP Item is a Machine Part
QQ Item is a Hazardous Item
QR Item is Eligible under the Generalized System of Preferences (GSP)
QS Quantity to be Imported has been Approved by the Necessary Agencies
QT Filing Data is to be Withheld from Public Inspection
QU Property Type Cooperative
QV Paid by Borrower at Closing
QW Paid by Other At or Before Closing
QX Treated as a Reduction to Income
QY Does Organization Receive Income from the Sale or Lease of Tangible Personal Property, the Lease of Real Property, or the Sale of Taxable Services?
QZ Is organization a contractor-retailer primarily engaged in retail sales?
R0 Exempt from Public Records Law
R1 Debtor Holds Claim to Real Property
R2 Entity Claims to Hold a Secured Interest
R3 Debtor has Property of the Type Specified
R4 Debtor Elects the State Exemption
R5 Debtor Elects the Federal Exemption
R6 Co-debtor may be Jointly Liable
R7 Claim is Contingent
R8 Claim is Unliquidated

R9 Claim is Disputed
RA Reference Telephone Attempt
RB Debtor has No Creditors Holding Unsecured Priority Claims
RC Reference Telephone Contact
RD Rent Delinquent
RE Claim is Subject to Setoff
RF Debtor has No Executory Contracts or Unexpired Leases
RG Lease is for Nonresidential Real Property
RH Debtor has No Co-debtors
RI Debtor is Married
RJ Debtor's Spouse Maintains a Separate Household
RK Real Estate Taxes are Included
RL Property Insurance is Included
RM Debtor has No Creditors Holding Secured Claims
RN Rent Control
RO Equipment is Rebuilt
RP Individual Injured in Performance of Duty
RQ Individual Injured by Third Party
RR Quality of Management and its Enforcement of Rules and Regulations Based on General Appearances
RS Pay Continued
RT Sick Leave Taken
RU Signature on File
RV Low Refrigerant Capacity Shutdown
RW Recent Defrost
RX Rated Horsepower can be Produced
RY Foreign Military Sale
RZ Waiver of Prior Notice
S0 Alternate Certification Program Participant
S1 Services Provided at the Second Facility were available at the First Facility
S2 Under Treatment
S3 First Time Vacant
S4 Adverse Easement
S5 Disclosure Indicator
S6 Atypical Off Site Improvements
S7 Toxic Substances
S8 Adverse Encroachment
S9 Atypical Functional Condition
SA Subject Property is Currently Listed
SB Debtor is a Small Business as Defined in 11 U.S.C. Section 101
SC Special Services are Mobile Home Only
SD Special Services are Leasehold or Mobile Home or Both
SE Debtor Elects to be Considered as a Small Business Under 11 U.S.C. Section 1121(e)

SF Sensor Fault
SG Street Lights are Public
SH Special Services are Leasehold or Subleasehold or Both
SI Hazardous Waste
SJ Pest Infestation
SK Road Maintenance Required
SL Speech Limitations
SM Currently Serving in Military
SN Major Base Support
SO Critical Support Level Met
SP Street is Public
SQ Local Wages in Effect
SR Federal Worker Displacement
SS Adverse Zoning
ST New Services Requested
SU Continued Services Requested
SV Major Corporation/High Tech
SW Sidewalk is Public
SX Collective Bargaining Agreement Sent by Mail
SY Collective Bargaining Agreement Sent by Facsimile
SZ Contract
T0 Under Contract
T1 Road Test Performed with No Problems Reported
T2 Road Test Performed with Problems Reported
T3 Tires' Brand Match
T4 Real Estate Taxes are Current
T5 Hazard Insurance is Current
T6 Terminate Guarantee
T7 Atypical External Condition
T8 Subsidence (Settlement of Ground Surface Caused by Loss of Support)
T9 Utilities Inadequate
TA Collective Bargaining Agreement Sent by Electronic Bulletin Board
TB Debtor has No Creditors Holding Unsecured Nonpriority Claims
TC Transport via Cargo Aircraft
TD Annual Leave Taken
TE Item is Special Test Equipment
TF Operates as Representative For Others
TG Claim Involves Work Related Death
TH Claim Does Not Involve Work Related Death, Days Away from Work, or Restricted Work Activity
TI Employee Has Not Recovered to Return to Work
TJ Employee Has Retired
TK Employee Has Resigned

TL Employee is Permanently and Totally Disabled
TM Traction Motor is Cut Out
TN Atypical Quality of Construction
TO Atypical Remodeling
TP Transport via Passenger Aircraft
TQ Atypical Additions
TR Transfer to Bed, or Chair, or Both
TS Adverse Marketing Conditions in Subject Property's Neighborhood
TT Neighborhood Water Source is Public
TU Neighborhood Sewage Treatment is Public
TV Telephone Number Verified
TW Neighborhood Street is Public
TX Other Miscellaneous Adverse Characteristics
TY Subject Property's Street is Public
TZ Subject Property's Sewage Treatment is Public
U0 Disability
U1 Minimal Change
U2 Neat Appearance
U3 Net Worth Computed after Exemptions
U4 Net Worth Considerably Higher
U5 Net Worth Higher
U6 No Employees
U7 No Employees - Business Managed by Owner
U8 No Employees - Business Managed by Partners
U9 Not Out of Business
UA Uninsurable, 1316 Property
UB Conducted at a Profit
UC Contingent Debt Indicated
UD Continue
UE Contracts Obtained by Bid
UF Contracts Obtained by Negotiation
UG Converted to Holding Company
UH Cross Claim Filed
UI Declining Tendency
UJ Detrimental Events in Past, Relating to Business
UK Detrimental Events in Past, Relating to Management
UL Down or Decline or Decreased
UM Employees Include Officers
UN Uncooperative
UO Employees Include Owners
UP Employees Include Partners
UQ Employees Include Temporary Workers
UR Employees Vary According to Needs

US Enclosed
UT Up as Tolerated
UU Extent of Audit, if any, Not Indicated
UV Favorable Personal Reputation
UW Figures are Abbreviated
UX Figures are Converted to Agency Format
UY Figures are Individual
UZ Figures are Restated
V0 Ultimate Parent Company Financial Statement Used
V1 Valid Borrower Address or Phone Attempt with School Attended
V2 Lender Determined Borrower Moved Out of State
V3 Lender Determined Borrower Moved Back into State
V4 Lender Determined Borrower Incarcerated
V5 Lender Determined Borrower No Longer Incarcerated
V6 Original
V7 True and Exact Copy
V8 Subject Property's Water Source is Public
V9 Pictures Required
VA Intercompany Relations Exist
VB Inventory Valued at Lower of Cost or Market
VC Inventory Valued at Other Methods
VD Operates as Sole Agent
VE Without Personal Judgment
VF Work is Subcontracted
VG Not Registered
VH Immediate Attention Required
VI Vehicle Inspection Report Completed
VJ Middle to Medium
VK Rent Control Likely
VL Furnished
VM Price Range Single Family or Planned Unit Development Not Applicable
VN Price Range Condominium Not Applicable
VO Price Range Two to Four Family Not Applicable
VP Financial Figures are Projected Based on Sales
VQ Financial Figures are Projected Based on Employees
VR Parent Company has Bankruptcy
VS Headquarters has Bankruptcy
VT Commercial Motor Vehicle was Involved in this Conviction
VU Commercial Motor Vehicle was Carrying Hazardous Materials when the Offense was Committed
VV Prepared from Internal Book Figures
VW Quantity Declined
VX Quantity Details Unknown

VY Was tax paid when purchased by seller?
VZ Was item depreciable?
W0 Statement is on a Trading Trust
W1 New Registration
W2 Mailing Address Change
W3 Residence Address Change
W4 Name Change
W5 Party Enrollment Change
W6 Needs Absentee Ballot
W7 Would Like to be Election Day Worker
W8 Duplicate Registration
W9 Forwarded Application
WA Walker Required
WB Water On
WC Application Incomplete
WD Vehicle Plate Surrendered
WE Written Notice to Note Holder
WF Written Notice to Borrower
WG Within Specified Time Period
WH Within Specified Range
WI Injury was Work Related
WJ Dealer Pricing Authorization
WK Summary Level Information
WL Detail Level Information
WM Non-occupant Co-borrower
WN Unit is a Studio (Efficiency)
WO Equipment in Working Order
WP To be Watched
WQ Undetermined Out of Business Status
WR Wheelchair Required
WS Balance Sheet Filed
WT Winterized Tag Observed
WU Material Safety Data Sheet
WV Accepts Credit Cards
WW All Purchases Made from Headquarters
WX Busy
WY Excessive
WZ Fairly new
X0 No Employees - Business Managed by Director(s)
X1 Gross Weekly Amount is Estimated
X2 Waiting Period Disability Days are Non-consecutive
X3 Report Depicts Most Recent Data - Interim Period(s) Omitted
X4 Permanent Impairment Paid at Minimum

X5 Employee's Death is a Result of Work Injury or Illness
X6 Employee's Written Social Security Number Release is on File
X7 Employee's Medical Records Release Authorization is on File
X8 Employee Returned to Work with Pre-Injury Employer
X9 "Cafe" Plan in Effect
XA Figures are Average
XB Imports
XC In Process of Establishing
XD Intercompany Relations Consist of Endorsements
XE Intercompany Relations Consist of Guarantees
XF Intercompany Relations Consist of Leasing Arrangements
XG Intercompany Relations Consist of Sharing Accounting
XH Intercompany Relations Consist of Sharing Facilities
XI Intercompany Relations Consist of Sharing Management
XJ Intercompany Relations Consist of Sharing Personnel
XK Interest in Other Business(es) Along with Family
XL Interest in Other Business(es) Along with Others in Reported Company
XM Inventory Valued at Company's Estimates
XN Inventory Valued at Cost
XO Inventory Valued using AVCO (Average Cost)
XP Joint Ownership
XQ Leases with No Rent Payments
XR Leases with Option to Buy
XS Leases with Token Payment
XT Limited
XU Located for Several Years
XV Located Since Opening
XW Modern
XX Non-Existent
XY Officer or Owner in Other Businesses in the Same Field
XZ Operates as a Distributor for Others
Y0 Insured Cooperative
Y1 Worked in Industry for Several Years
Y2 Aircraft Operation
Y3 All Classifications on Policy Accounted For
Y4 Board Provided
Y5 Casual Labor
Y6 Certificates on File for All Subcontractors
Y7 Commissions Paid
Y8 Condition or Type of Records Cause Additional Audit Time
Y9 Domestic Workers Employed
YA Operates from Residence
YB Operates under License by Others

YC Rents from Month to Month
YD Semi-modern
YE Under Construction
YF Unlimited
YG Used
YH Variable
YI Holder is a Subsidiary of Reporting Agent
YJ Contact is Unchanged From Previous Report
YK Report was Filed Last Year by This Agent
YL Party is Authorized to do Business in This State
YM Clear Decrease
YN Employees Temporarily Laid Off
YO Established in the Industry
YP Global Business
YQ Information to be Followed Up
YR Known Details are Listed
YS Land is Rented
YT Low
YU Prime Commercial Area
YV Shares with Affiliated Company(ies)
YW Slightly Higher
YX Slightly Lower
YY Stagnant
YZ Territory Information is Available
Z0 Subcontractors Used
Z1 Insured Is a Subcontractor
Z2 Insured Has Multiple Entries
Z3 Insured Has Retail Operations
Z4 Insured Requested Division of Payroll of Employee(s)
Z5 Owner or Officer Interviewed
Z6 Premium Overtime Excluded
Z7 Records Reflect Proper Division of Employee(s) Payroll
Z8 Records Satisfactory for Audit
Z9 Relatives Employed
ZA Customer - Configuration Change is Required
ZB Condition Board of Inspection and Survey (INSURV) is Mission Degrading
ZC Condition Board of Inspection and Survey (INSURV) is Maintenance Related
ZD Condition Board of Inspection and Survey (INSURV) is Safety Related
ZE Repair is Mission Essential
ZF Repair is Safety Essential
ZG Periodic Maintenance is Required
ZH Condition Board of Inspection and Survey (INSURV) Discrepancy is Corrected
ZI Progress is in Jeopardy

ZJ Employee's Injury or Illness is Work Related
ZK Final - Configuration Change is Required
ZL Final - Delivery to Shop is Required
ZM Final - Requestor Workforce will Assist
ZN Job is Level 2
ZO Preliminary - Configuration Change is Required
ZP Preliminary - Delivery to Shop is Required
ZQ Preliminary - Requestor Workforce will Assist
ZR Configuration Change is Associated with Time Meter
ZS Shop Has Lead Responsibility
ZT Estimate is Derived From Job Template
ZU Requestor Holds Technical Documentation
ZV Replacement Item
ZW Canadian Standards Association (CSA) Approved
ZX Non-convertible
ZY Underwriters Laboratory (UL) Approved
ZZ Mutually Defined
000 In Progress
001 All Items Price Tagged
Price tag labels have been applied to all contained items.
002 Hybrid
Indicates whether or not the plant is hybrid (a result of crossbreeding two other species of plants).
003 Blend
Indicates whether or not multiple species are included in a product.
004 Humidity Pack
Indicates whether or not a humidity pack is placed inside the product packaging.
005 Rechargeable Battery
Indicates whether or not the battery is rechargeable.
006 Feminized seeds
Indicates whether seeds were feminized while harvesting.
007 Dry machine
Indicates whether trimming flower, buds, or leaves was done using trimming machine after the plant is dried.
008 Wet machine
Indicates whether trimming flower, buds, or leaves was done using trimming machine before plant is dried.
009 Wet hand
Indicates whether trimming flower, buds, or leaves was done by hand before plant is dried.
010 Dry hand
Indicates whether trimming flower, buds, or leaves was done by hand after the plant is dried.
111 Contains Bovine
Bovine is the biological subfamily of Bovinae
112 Contains Di(2-ethylhexyl)phthalate (DEHP)
Di(2-ethylhexyl)phthalate (DEHP) is a cost effective general purpose plasticizer which is used mainly for making PVC (polyvinyl chloride) soft and pliable

113 Contains Halogenated Organics
114 Implantable Trade Item
115 Contains Latex
116 Contains Mercury
117 Contains Polybutylene Terephthalate (PBT)
118 Contains Porcine
119 Contains Polyvinyl Chloride
120 Single Patient Use Only
121 Single Use Only
122 Product is Pre-Priced on Package
123 Product Contains Latex
124 Packaging Contains Latex
125 ADA Compliant Wheelchair Access
126 ADA Compliant Office Space
127 ADA Compliant Equipment
ADD Added
AFM Accepting Family Members
ALD Allergen Disclaimer
Manufacturer assertion that the product is free of allergens
ARA American Recovery and Reinvestment Act (ARRA) Compliant
ASO Available for Special Order
ATR Atrophy
AUT Auto Insurance Policy is in Force
BAA Buy American Act (BAA) Compliant
BDS Barcode Symbology Derivable
Identifies the data structure on the trade item can be derived from the GTIN
BPD Beneficiary is Partially Dependent
BTD Beneficiary is Totally Dependent
CAI Component Assembly Inspection Required
CCP Composition Claim 100% Pure
CFD Claim is Fraudulent
CHD Choking Hazard
CLD Contractor Liable for Discrepancy
Indicates whether or not the contractor is liable for damages
SEE CODE SOURCE 928
CNJ Cumulative Injury
COL Collateral
CON Contains
COS Cost
DAA Unrounded Number (Absolute)
Unrounded number provides complete information with up to 5 decimal places
DAR Rounded Number
Use Health Canada Nutrition Labelling definition.
DBR Distribution is Restricted
DBU Branded Distribution Product

DCD Direct to Consumer Delivery
DDS Defined Distribution
DFR Deductible Amount Fully Recovered
DNR Deductible Amount Not Fully Recovered
EQR Equipment is Remanufactured or has been Assigned a New Equipment Initial
ESO Excellent source of
EXL Extra lean
FC1 Include in Next Shipment
FC2 Promotional Buy
FC3 Same Dye Lot is Required
FFM Free from Monosodium Glutamate (MSG)
FFP Free From Preservatives
FOR Fortified with
FRE 100% free of
FRF Free of
FRT Federally Reportable
GFR Property is Grandfathered
GSO Good source of
GWP Gift with Purchase
HII Higher in
HOM Homicidal
Any plan and/or actual attempt to kill another human being
HSO High source of
ITF Product Package Marked with Interleaved 2 of 5 (ITF-14)
JCA Joint Coverage Applies
LPC Legislative Price Control in Effect
Prices are controlled or approved by a legislative body, such as a state or province
LEN Lean
LHI Light in
LOI Low in
LSD List Specialty in Directory
LWI Lower in
MAE Microbiological Aerobic Spores
MAN Microbiological Anerobic Spores
MBB Marked with a Best Before Date
MCD Made in Canada from Domestic and Imported Ingredients
MCI Made in Canada from Imported Ingredients
MDR Mild Retardation
MED Marked with an Expiry Date
MET Marked with a Lot Number
MOR More
MPD Marked with a Packing Date
MPF Made in a Peanut-Free Facility
MRD Marked with Production Date

MT3 Third Mortgage
MT4 Fourth Mortgage
MT5 Fifth Mortgage
MT6 Sixth Mortgage
MT7 Seventh Mortgage
MT8 Eighth Mortgage
MT9 Ninth Mortgage
MTA Tenth Mortgage
MTB Eleventh Mortgage
MWM Made with New Material
NAC No Artificial Colorings, Dyes, Pigments
NAD No added
NAF No Artificial Flavorings
Specifies that the product does not contain commercial chemicals that affect flavor perception.
NDP No Deductible Program
NFT Trade Item Exempt from Nutritional Facts Table
The product does not require (has an exemption from the regulators) information to be provided on the Nutritional Facts Table which appears on the product label
NML Nutrition Information Marked on Label
NRD Nutrient Relevant Data Provided
OBD Organic Biodynamic
Biodynamic farming uses different principles that add vitality to the plant, soil and/or livestock
ODS Open Distribution
ODZ Occupational Disease
OPI Product Is Organic
ORG Organic Product 95%
Must contain at least ninety-five percent organic ingredients
ORH Organic Product 100%
One hundred percent organically produced ingredients
ORI Organic Product 70% to 95%
Must contain between seventy to ninety-five percent organic ingredients
ORP Organic Product Less Than 70%
The product is less than 70% organic
PAL Patient Is Allowed To Leave Residence
PAR Paraplegia
PCF Product Composition Claim is Fresh
PCP Product Contains Probiotic
PDV Product Divisible
Indicates whether a product or unit may be divided or separated into two or more portions.
PFB Previously Failed Board Certification
PFF Product has Faux Fur
PIC Packaged in Canada
PIR Product is Re-Orderable

PKL Packed Loose
Product is placed inside a container without any separating or restricting materials.

PNA Product Substitution is Not Allowed

POC Purchase Order Carton Consolidation (POCC) for this Carton
This order is in a carton that contains at least one additional order

POS Purchase Order Carton Consolidation (POCC) for this Shipment
Shipment has at least one carton with more than one order

PRC Product of Canada

PRD Prior Damage

PRE Prepared in Canada

PRI Private Label
A product produced strictly for a trading partner or a purchasing group.

PRO Processed in Canada

PSA Product Substitution is Allowed

PSE Product Substitution is Allowed as Specified

PTH Patient Is Homebound

PWP Purchase with Purchase

RCA Rental Car Arranged

RDI Reduced in

REF Referral Required

RIC Refined in Canada

ROH RoHS Indicator
Indicates the product's most current RoHS (Restriction of Hazardous Substances) Certification Status

RPR Retail Price on Trade Item

RTI Returnable Trade Item

S01 Product is Pre-Prepared

S02 Product is Used As Is

SAA Generic Name is Same As Active Ingredient Name

SEL Sell

SER Manufacturer Product Serial Numbers are Included

SHK Product is Shakable
Indicates whether the trade item may be shaken during transit, storage or use.

SPP Specialty is Primary

SPS Specialty is Secondary

SRO Source of

SSL Seasonal Product

STA Stackable
The item is configured such that multiple layers of the item may be stacked one upon the other.

STB Self-Threatening Behavior
Any expressed thought/plan and /or actual attempt to physically harm oneself

SUB Subrogation Open

SUD Suicidal
Any expressed thought/plan and/or actual attempt to commit suicide (kill oneself)

SWE Sweetened

TBO Threatening Behavior Toward Others
Any plan and/or actual attempt to inflict physical or mental harm upon another

TIB Trade Item is Biodegradable

TIR Trade Item is Restricted

TNJ Traumatic Injury

UPC Product Package Marked with UPC (Universal Product Code)

USP Product Subject to United States Patent

USW Unsweetened

UU1 Single Unit
Identifies a single product unit of the each product level
SEE CODE SOURCE 41

UU2 Base Unit
An indicator identifying the trade item as the base unit level of the trade item hierarchy.
SEE CODE SOURCE 41

UU3 Consumer Unit
The product is intended for consumption.
SEE CODE SOURCE 41

UU4 Invoice Unit
Identifies the product as a billing unit.
SEE CODE SOURCE 41

UU5 Orderable Unit
Identifies the product is orderable.
SEE CODE SOURCE 41

UU6 Shipping Unit
Identifies the product is a shipping or dispatch unit
SEE CODE SOURCE 41

UU7 Variable Unit
Identifies the product as variable measure.
SEE CODE SOURCE 41

UUA Packaging Marked Returnable
Identifies the packaging is marked as returnable.
SEE CODE SOURCE 41

UUB Packaging Marked Recyclable
Identifies the product packaging is marked recyclable
SEE CODE SOURCE 41

UUC Returnable Product
Identifies if the product can be returned.
SEE CODE SOURCE 41

UUD Regulatory Identification Pending

UUE Assembly Required

UUF Battery Required

UUG Batteries Included

UUH Certified Angus Beef

UUI Serving Has Been Pre Prepared
No additional preparation is required

UUJ Serving As Is
No pre-preparation and no additional preparation required

UUK Product Has Been Recalled

UUL Injectable Trade Item

UUM Product Has an Auto Reader or Auto Tracker

UUN Allergen Relevant Data Provided
Signifies that all the allergen data which is required to appear on the label or is relevant to be reported has been populated in the allergen section.

UUO Biomedical Hazard Antineoplastic

UUP Biomedical Hazard Biologic

UUQ Biomedical Hazard Cytotoxic

UUR Biomedical Hazard Radioactive

UUS Product Contains Liquid

UUT Aerosol Container

UUU Product is Sterile

UUV Generic Name is same as Active Ingredient Name

VHS Very high source of

VOD Volume Decrease

VOI Volume Increase

VTL Vehicle was Declared a Total Loss

WWA Absolute Data
All figures provided exact without rounding

WWB Rounded Data
All figures provided are rounded

WWO Product Contains Wood

WND Property Covered by Wind Insurance Policy

1322 - Certification Type Code

Code indicating the type of certification

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

CR3 CR4 CR5 CR6 DRA MPP SPI UM

TRANSACTION SETS USED IN

175 176 179 194 202 203 251 262 278 286 650 805 832 837 838 840 841 843 850 860 865

CODE	DEFINITION & EXPLANATION
1	Appeal - Immediate
2	Appeal - Standard
3	Cancel
4	Extension
5	Notification
6	Verification
7	Add-on
8	Replacement
A	Certification of Current Cost and Pricing Data
B	Certification of Overhead
C	Certification Not Required
D	Final
E	Recertification
I	Initial
N	Reconsideration
R	Renewal
S	Revised

1325 - Claim Frequency Type Code

Code specifying the Type of Bill Frequency Code. It is the last digit of Type of Bill in the UB manual, as defined by the National Uniform Billing Committee

TYPE=**ID** MIN=**1** MAX=**1**

Code Sources

235

COMPOSITE DATA STRUCTURES USED IN

C023

SEGMENTS USED IN (AS COMPONENT)

CLM UM

SEGMENTS USED IN (AS SIMPLE)

CLP

TRANSACTION SETS USED IN

269 278 835 837

1327 - Copay Status Code

Code indicating whether or not co-payment requirements were met on a line by line basis

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

SV1 SV3 SV4

TRANSACTION SETS USED IN

278 837

CODE	DEFINITION & EXPLANATION
0	Copay exempt *No copayment is required of patient for this service*
1	Recipient did not pay when asked
2	Recipient paid when asked
3	Payment was not requested

1328 - Diagnosis Code Pointer

A pointer to the diagnosis code in the order of importance to this service TYPE=**N0** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

EB EQ SV1 SV3 SV6

TRANSACTION SETS USED IN

270 271 278 837

1329 - Dispense as Written Code

Code indicating product selection determination. TYPE=ID MIN=1 MAX=1

Code Sources

983

SEGMENTS USED IN (AS SIMPLE)

SV4

TRANSACTION SETS USED IN

837

1330 - Dosage Form Code

Code indicating the form in which the drug is dispensed TYPE=**ID** MIN=**2** MAX=**15**

Code Sources

985

SEGMENTS USED IN (AS SIMPLE)

DRA SV4

TRANSACTION SETS USED IN

278 837

1331 - Facility Code Value

Code identifying where services were, or may be, performed; the National Uniform Billing Committee (NUBC) Facility Type Code for Institutional Services or the Place of Service Codes for Professional or Dental Services.

TYPE=**AN** MIN=**1** MAX=**3**

COMPOSITE DATA STRUCTURES USED IN

C023

SEGMENTS USED IN (AS COMPONENT)

CLM UM

SEGMENTS USED IN (AS SIMPLE)

CLP SV1 SV3 SV6 TS3

TRANSACTION SETS USED IN

269 278 835 837

1332 - Facility Code Qualifier

Code identifying the type of facility referenced

TYPE=**ID** MIN=**1** MAX=**2**

COMPOSITE DATA STRUCTURES USED IN
C023

SEGMENTS USED IN (AS COMPONENT)
CLM UM

SEGMENTS USED IN (AS SIMPLE)
SV6

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
A	Uniform Billing Claim Form Bill Type SEE CODE SOURCE 236
B	Place of Service Codes for Professional or Dental Services SEE CODE SOURCE 237

1333 - Record Format Code

Code specifying the format of information

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

K3

TRANSACTION SETS USED IN

194 273 355 436 834 835 837 996

CODE	DEFINITION & EXPLANATION
C	Content
D	Definition
E	Formula
F	Federal
P	Plan
S	State

1334 - Health Care Professional Shortage Area Code

Code identifying the Health Care Professional Shortage Area Code (HPSA)

TYPE=**ID** MIN=**1** MAX=**1**

Code Sources

238

SEGMENTS USED IN (AS SIMPLE)

SV1

TRANSACTION SETS USED IN

278 837

1335 - Insulin Dependent Code

Code indicating the condition that demonstrates insulin dependence TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CR3

TRANSACTION SETS USED IN
837

CODE	DEFINITION & EXPLANATION
1	Widely fluctuating blood sugars
2	Frequent episodes of insulin reactions
3	Evidence of frequent significant ketosis
N	Patient is not insulin dependent

1336 - Insurance Type Code

Code identifying the type of insurance policy within a specific insurance program

TYPE=**ID** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

API BCI SBR

TRANSACTION SETS USED IN

124 155 198 261 262 266 272 274 276 277 837

CODE	DEFINITION & EXPLANATION
D	Disability *Provides periodic payments to replace income when an insured person is unable to work as a result of illness, injury or disease*
E	Medicare - Point of Service (POS)
M	Medicare Advantage Point of Service (POS) Plan that excludes Part D coverage
U	Multiple Options Health Plan
12	Medicare Secondary Working Aged Beneficiary or Spouse with Employer Group Health Plan
13	Medicare Secondary End-Stage Renal Disease Beneficiary in the Mandated Coordination Period with an Employer's Group Health Plan
14	Medicare Secondary, No-fault Insurance including Auto is Primary
15	Medicare Secondary Worker's Compensation
16	Medicare Secondary Public Health Service (PHS) or Other Federal Agency
17	Dental
18	Vision
19	Prescription Drugs
41	Medicare Secondary Black Lung
42	Medicare Secondary Veteran's Administration
43	Medicare Secondary Disabled Beneficiary Under Age 65 with Large Group Health Plan (LGHP)
47	Medicare Secondary, Other Liability Insurance is Primary
AP	Auto Insurance Policy
C1	Commercial
CO	Consolidated Omnibus Budget Reconciliation Act (COBRA)
CP	Medicare Conditionally Primary
DB	Disability Benefits
EP	Exclusive Provider Organization *Gives subscriber a choice of providers from an approved/contracted payer list; there are fixed dollar co-payments for most covered services in return for using plan providers*
FF	Family or Friends
GP	Group Policy *Two or more people who are part of complete unit who enter into an insurance contract with an insurance company*
HA	Health Insurance Exchange (HIX) Silver
HB	Health Insurance Exchange (HIX) Bronze

HD High Deductible Health Plan

HG Health Insurance Exchange (HIX) Gold

HM Health Maintenance Organization (HMO)

HN Health Maintenance Organization (HMO) - Medicare Risk

HP Health Insurance Exchange (HIX) Platinum

HS Special Low Income Medicare Beneficiary
An individual eligible for Medicare for whom Medicaid pays only Medicare premiums

IN Indemnity
Gives a subscriber the choice to select any provider. Payment is fixed percentage of the cost for covered care after satisfying an annual deductible

IP Individual Policy

LC Long Term Care
Coverage designed to help pay for some or all long term care costs, reducing the risk that a policy-holder would need to deplete all of his or her assets to pay for long term care

LD Long Term Policy

LI Life Insurance

LT Litigation

MA Medicare Part A

MB Medicare Part B

MC Medicaid
Program of health care services made available to medically indigent and other needy persons, regardless of age, under terms of a 1965 amendment to the U.S. Social Security Act

MD Medicare Part D

ME Medicare Advantage Preferred Provider Organization (PPO) Plan that excludes Part D Coverage

MF Medicare Advantage Private Fee for Service

MH Medigap Part A
Health insurance policy intended to cover the non-covered portion of expenses eligible for Medicare Part A reimbursement which must be paid by a Medicare beneficiary for health care services and/or supplies received

MI Medigap Part B
Health insurance policy intended to cover the non-covered portion of expenses eligible for Medicare Part B reimbursement which must be paid by a Medicare beneficiary for health care services and/or supplies received

MJ Medicare Advantage Health Maintenance Organization (HMO) Plan that includes Part D Coverage

MK Medicare Advantage Health Maintenance Organization (HMO) Risk Plan that includes Part D Coverage

ML Medicare Advantage Indemnity Plan that includes Part D Coverage

MM Medicare Advantage Preferred Provider Organization (PPO) Plan that includes Part D Coverage

MN Medicare Advantage Indemnity Plan that excludes Part D coverage

MO Medicare Advantage Point of Service (POS) Plan that includes Part D Coverage

MP Medicare Primary
Medicare has the primary responsibility to pay for health care services and/or supplies received by a covered beneficiary (a person entitled to Medicare benefits)

MR Medicare Advantage Health Maintenance Organization (HMO) Risk Plan that excludes Part D coverage

MT Medicare Advantage Health Maintenance Organization (HMO) Plan that excludes Part D coverage

MV Medicare Advantage

OA Open Access Point of Service Plan

OT Other

PE Property Insurance - Personal

PL Personal

PP Personal Payment (Cash - No Insurance)

PR Preferred Provider Organization (PPO)

PS Point of Service (POS)

QM Qualified Medicare Beneficiary
Coverage for a Medicare eligible individual for whom Medicaid pays only for Medicare premiums, co-insurance, and deductibles

RP Property Insurance - Real

SP Supplemental Policy
An insurance policy intended to cover non-covered charges of another insurance policy

TF Tax Equity Fiscal Responsibility Act (TEFRA)

WC Workers Compensation
Coverage provides medical treatment, rehabilitation, lost wages and related expenses arising from a job related injury or disease

WU Wrap Up Policy
A Workers Compensation Policy written for a specific job site, which will include or cover more than one insured

1337 - Level of Care Code

Code specifying the level of care provided by a nursing home facility TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
SV1 SV2 SV4

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
1	Skilled Nursing Facility (SNF)
2	Intermediate Care Facility (ICF)
3	Intermediate Care Facility - Mentally Retarded (ICF-MR)
4	Chronic Disease Hospital (CD)
5	Intermediate Care Facility (ICF) Level II
6	Special Skilled Nursing Facility (SNF)
7	Nursing Facility (NF)
8	Hospice

1338 - Level of Service Code

Code specifying the level of service rendered TYPE=**ID** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
CLM SV4 UM

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
E	Elective
I	Initial
L	Limited Treatment
R	Routine
U	Urgent
00	Not specified
01	Patient Consultation *Meeting between provider and patient to discuss illness or treatment*
02	Home delivery
03	Emergency
04	24 Hour
05	Patient Consultation Regarding Generic Product Selection *Meeting between provider or pharmacist and patient to discuss use of generic drug rather than a name brand*
06	As Needed
09	Other
10	Initial Office Visit
11	Follow-up Office Visit
F1	Full Treatment - Phase One
F2	Full Treatment - Phase Two
ME	Medicare Expedited
NBC	Newborn Care

1339 - Procedure Modifier

This identifies special circumstances related to the performance of the service, as defined by trading partners

TYPE=**AN** MIN=**2** MAX=**2**

COMPOSITE DATA STRUCTURES USED IN

C003

SEGMENTS USED IN (AS COMPONENT)

DRA EB EQ SV1 SV2 SV3 SV4 SV5 SV6 SVC SVD

TRANSACTION SETS USED IN

269 270 271 275 276 277 278 835 837

1340 - Multiple Procedure Code

Code indicating proper adjudication and payment determination in cases involving multiple surgical procedures during the same surgical session

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

SV1

TRANSACTION SETS USED IN

278 837

CODE	DEFINITION & EXPLANATION
N	Non-Multiple Procedure *Only a single procedure was performed during surgery*
P	Primary
S	Secondary

1341 - National or Local Assigned Review Value

Value assigned by national or local organizations for various healthcare data elements

TYPE=**AN** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

SV1

TRANSACTION SETS USED IN

278 837

1342 - Nature of Condition Code

Code indicating the nature of a patient's condition TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CR2

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
A	Acute Condition *A disease of rapid onset, severe symptoms, and brief duration*
C	Chronic Condition *A disease of long duration involving very slow changes; such a disease is often of gradual onset; the term does not imply anything about the severity of the disease*
D	Non-acute
E	Non-Life Threatening
F	Routine
G	Symptomatic
M	Acute Manifestation of a Chronic Condition *A disease of long duration interrupted by a rapid onset of severe symptoms of brief duration*

1343 - Non-Institutional Claim Type Code

Code identifying the type of provider or claim TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
CLM

TRANSACTION SETS USED IN
837

CODE	DEFINITION & EXPLANATION
A	Anesthesia
L	Livery *Claim for Livery Services*
O	Other
P	Psychologist
S	Surgery
T	Transportation *Claim for Transportation Services not otherwise specified*
V	Vision *Claim for Vision Services*
AA	Alcohol Abuse
AM	Ambulance *Claim for ambulance services*
AN	Anesthesia Nurse
CF	Convalescent Care Facility
CH	Chiropractic *Claim by chiropractic provider*
CS	Christian Science Practitioner
DA	Drug Abuse
DD	Dentist or Dental *Claim by dentist for dental related services*
DM	Durable Medical Equipment Supplier *Claim for medical equipment that can withstand repeated use*
DN	Denturist
ER	Emergency Room *Claim for services provided in a hospital emergency room*
HH	Home Health *Claim for Home Health Services*
HS	Hospital *Claim for services provided in a hospital*
IF	Intermediate Care Facility
IL	Independent Lab *Claim for services provided by an independent laboratory*
LT	Long-term Care *Claim for Long-term Care Services*

MD Physician or Medical
Claim by a physician for medical services

MF Marriage Family and Child Counselor

MH Mental Health

MI Midwife

MO Mail Order Drug

MS Multiple Type of Service

NM Non-medical Provider

NP Nurse Practitioner

NS Nursing Service

OC Occupational Therapy
Claim for occupational therapy services to teach manual skills and independence in personal care to patients

OP Optometrist

OT Optician

OX Oxygen

PA Physician's Assistant

PD Podiatry

PE Parental or Enteral (PEN)
Claim for services (usually administration of nutrients) related to the taking up of substances within the body by structure other than the digestive tract (Parenteral) or by the intestines (Enteral)

PF Physician's Office-based Facility

PS Psychiatric Social Worker

PT Physical Therapy
Claim for therapeutic exercises, massage and other physical therapies

RX Pharmacy or Drug
Claim for pharmacy or drug related services

SC Screening
Claim for Early Periodic Screening and Diagnosis Treatment (EPSDT) Services and Results

SN Skilled Nursing
Claim for skilled nursing services provided under the direct supervision of a licensed nurse

ST Speech or Language Therapy

TX Taxi
Claim for Taxi Services

1344 - Non-Visit Code

Code indicating on what a medical evaluation is based, when not based on a physician's visit

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

CR4

TRANSACTION SETS USED IN

278 837

CODE	DEFINITION & EXPLANATION
L	Lab or Clinical Reports
N	Visiting Nurse
O	Other

1345 - Nursing Home Residential Status Code

Code specifying the status of a nursing home resident at the time of service

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

CL1 SV2

TRANSACTION SETS USED IN

278 837

CODE	DEFINITION & EXPLANATION
1	Transferred to Intermediate Care Facility - Mentally Retarded (ICF-MR)
2	Newly Admitted
3	Newly Eligible
4	No Longer Eligible
5	Still a Resident
6	Temporary Absence - Hospital
7	Temporary Absence - Other
8	Transferred to Intermediate Care Facility - Level II (ICF II)
9	Other

1346 - Nutrient Administration Method Code

Code indicating the method used to administer nutrient to a patient TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CR4

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
G	Gravity
P	Pump
S	Syringe

1347 - Nutrient Administration Technique Code

Code indicating the technique used to administer nutrient to a patient TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CR4

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
G	Gastrostomy
J	Jejunostomy
N	Nasogastric Tube
O	Other

1348 - Oxygen Equipment Type Code

Code indicating the specific type of equipment being prescribed for the delivery of oxygen

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

CR5

TRANSACTION SETS USED IN

278 837

CODE	DEFINITION & EXPLANATION
A	Concentrator
B	Liquid Stationary
C	Gaseous Stationary
D	Liquid Portable
E	Gaseous Portable
O	Other

1349 - Oxygen Test Condition Code

Code indicating the conditions under which a patient was tested TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CR5

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
E	Exercising
N	No special conditions for test
O	On oxygen
R	At rest on room air
S	Sleeping
W	Walking
X	Other

1350 - Oxygen Test Findings Code

Code indicating the findings of oxygen tests performed on a patient TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

CR5

TRANSACTION SETS USED IN

278 837

CODE	DEFINITION & EXPLANATION
1	Dependent edema suggesting congestive heart failure
2	"P" Pulmonale on Electrocardiogram (EKG)
3	Erythrocythemia with a hematocrit greater than 56 percent

1351 - Patient Signature Source Code

Code indicating how the patient or subscriber authorization signatures were obtained and how they are being retained by the provider

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

CLM OI

TRANSACTION SETS USED IN

837

CODE	DEFINITION & EXPLANATION
B	Signed signature authorization form or forms for both HCFA-1500 Claim Form block 12 and block 13 are on file
C	Signed HCFA-1500 Claim Form on file
M	Signed signature authorization form for HCFA-1500 Claim Form block 13 on file
P	Signature generated by provider because the patient was not physically present for services
S	Signed signature authorization form for HCFA-1500 Claim Form block 12 on file

1352 - Patient Discharge Status

A code indicating the disposition or discharge status of the patient as of the discharge date.

TYPE=**ID** MIN=**1** MAX=**2**

Code Sources

239

SEGMENTS USED IN (AS SIMPLE)

CL1 CLP

TRANSACTION SETS USED IN

269 278 835 837

1354 - Diagnosis Related Group (DRG) Code

Code indicating a patient's diagnosis group based on a patient's illness, diseases, and medical problems

TYPE=**ID** MIN=**1** MAX=**4**

Code Sources

229

TRANSACTION SETS USED IN

None

1355 - Prescription Denial Override Code

Code indicating that a pharmacist has overridden the denial of a prescription

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

SV7

TRANSACTION SETS USED IN

837

CODE	DEFINITION & EXPLANATION
00	Not specified
01	No override
02	Other override
03	Vacation Supply
04	Lost Prescription
05	Therapy Change
06	Starter Dose
07	Medically Necessary

1356 - Prescription Origin Code

Code indicating the origin of a prescription TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
SV4

TRANSACTION SETS USED IN
837

CODE	DEFINITION & EXPLANATION
0	Not Specified
1	Written Prescription
2	Telephone Prescription
3	Telephone Emergency Prescription

1357 - Prior Authorization Type Code

Code indicating the type of prior authorization or medical certification that has occurred

TYPE=**ID** MIN=**1** MAX=**1**

Code Sources

986

SEGMENTS USED IN (AS SIMPLE)

SV4

TRANSACTION SETS USED IN

837

1358 - Prosthesis, Crown or Inlay Code

Code specifying the placement status for the dental work TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
SV3

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
I	Initial Placement
R	Replacement

1359 - Provider Accept Assignment Code

Code indicating whether the provider accepts assignment TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CLM OI

TRANSACTION SETS USED IN
837

CODE	DEFINITION & EXPLANATION
A	Assigned
B	Assignment Accepted on Clinical Lab Services Only
C	Not Assigned
P	Patient Refuses to Assign Benefits

1360 - Provider Agreement Code

Code indicating the type of agreement under which the provider is submitting this claim

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

CLM OI SV1 SV3

TRANSACTION SETS USED IN

278 837

CODE	DEFINITION & EXPLANATION
D	Managed Dental Care Program *Any agreement between a dental provider of service and the third-party payer.*
E	Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) "External" Partnership Agreement *Agreement which identifies that the provider is not an employee or member of the Uniformed Services of the United States*
H	Health Maintenance Organization (HMO) Agreement *An organized arrangement of health care professionals' comprehensive health care to a group of individuals who agree to utilize the network of providers*
I	Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) "Internal" Partnership Agreement *Agreement which identifies that the provider is an employee or member of the Uniformed Services of the United Services*
N	No Agreement
P	Participation Agreement *Any agreement between the provider of service and the plan administrator*
Y	Preferred Provider Organization (PPO) Agreement *An agreement between the provider of service and the plan administrator where the fee for service may differ from the usual and prevailing fee*

1361 - Oral Cavity Designation Code

Code Identifying the area of the oral cavity in which service is rendered TYPE=**ID** MIN=**1** MAX=**3**

Code Sources

135

COMPOSITE DATA STRUCTURES USED IN

C006

SEGMENTS USED IN (AS COMPONENT)

SV3

TRANSACTION SETS USED IN

278 837

1362 - Related-Causes Code

Code identifying an accompanying cause of an illness, injury or an accident

TYPE=**ID** MIN=**2** MAX=**3**

COMPOSITE DATA STRUCTURES USED IN

C024

SEGMENTS USED IN (AS COMPONENT)

CLM UM

TRANSACTION SETS USED IN

278 837

CODE	DEFINITION & EXPLANATION
AA	Auto Accident
AB	Abuse
AP	Another Party Responsible
EM	Employment
OA	Other Accident
ZZ	Mutually Defined

1363 - Release of Information Code

Code indicating whether the provider has on file a signed statement by the patient authorizing the release of medical data to other organizations

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

CLM OI UM

TRANSACTION SETS USED IN

278 837

CODE	DEFINITION & EXPLANATION
A	Appropriate Release of Information on File at Health Care Service Provider or at Utilization Review Organization
I	Informed Consent to Release Medical Information for Conditions or Diagnoses Regulated by Federal Statutes
M	The Provider has Limited or Restricted Ability to Release Data Related to a Claim
N	No, Provider is Not Allowed to Release Data
O	On file at Payer or at Plan Sponsor
Y	Yes, Provider has a Signed Statement Permitting Release of Medical Billing Data Related to a Claim

1364 - Review Code

Code identifying extenuating circumstances or justifications which might assist any review of the medical necessity for this service

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

SV1

TRANSACTION SETS USED IN

278 837

CODE	DEFINITION & EXPLANATION
A	Case Turned Over to a Consultant
B	Pre-Admission Testing
C	X-ray or Lab Procedure Related to a Covered Surgery
D	Provider/Supplier determined the service is not covered, but the patient is requesting a formal review by the payer
E	Beneficiary was notified that the item might not be considered medically necessary and has agreed in writing to pay for the item; A signed waiver is on file with the provider
F	Beneficiary was notified that the item might not be considered medically necessary and has not agreed to pay for the item; No signed waiver is on file with the provider
L	Reserved for Local Assignment
N	Reserved for National Assignment

1365 - Service Type Code

Code identifying the classification of service

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

COB MLA

TRANSACTION SETS USED IN

245 834

CODE	DEFINITION & EXPLANATION
1	Medical Care
2	Surgical
3	Consultation
4	Diagnostic X-Ray
5	Diagnostic Lab
6	Radiation Therapy
7	Anesthesia
8	Surgical Assistance
9	Other Medical
B	Non-escrow or Non-impound Service
C	Escrow or Impound Service
10	Blood Charges
11	Used Durable Medical Equipment
12	Durable Medical Equipment Purchase
13	Ambulatory Service Center Facility
14	Renal Supplies in the Home
15	Alternate Method Dialysis
16	Chronic Renal Disease (CRD) Equipment
17	Pre-Admission Testing
18	Durable Medical Equipment Rental
19	Pneumonia Vaccine
20	Second Surgical Opinion
21	Third Surgical Opinion
22	Social Work
23	Diagnostic Dental
24	Periodontics
25	Restorative
26	Endodontics
27	Maxillofacial Prosthetics
28	Adjunctive Dental Services
30	Health Benefit Plan Coverage
31	Benefit Disclaimer
32	Plan Waiting Period

33 Chiropractic
34 Chiropractic Office Visits
35 Dental Care
36 Dental Crowns
37 Dental Accident
38 Orthodontics
39 Prosthodontics
40 Oral Surgery
41 Routine (Preventive) Dental
42 Home Health Care
43 Home Health Prescriptions
44 Home Health Visits
45 Hospice
46 Respite Care
47 Hospital
48 Hospital - Inpatient
49 Hospital - Room and Board
50 Hospital - Outpatient
51 Hospital - Emergency Accident
52 Hospital - Emergency Medical
53 Hospital - Ambulatory Surgical
54 Long Term Care
55 Major Medical
56 Medically Related Transportation
57 Air Transportation
58 Cabulance
59 Licensed Ambulance
60 General Benefits
61 In-vitro Fertilization
62 MRI/CAT Scan
63 Donor Procedures
64 Acupuncture
65 Newborn Care
66 Pathology
67 Smoking Cessation
68 Well Baby Care
69 Maternity
70 Transplants
71 Audiology Exam
72 Inhalation Therapy
73 Diagnostic Medical
74 Private Duty Nursing
75 Prosthetic Device

76 Dialysis
77 Otological Exam
78 Chemotherapy
79 Allergy Testing
80 Immunizations
81 Routine Physical
82 Family Planning
83 Infertility
84 Abortion
85 AIDS
86 Emergency Services
87 Cancer
88 Pharmacy
89 Free Standing Prescription Drug
90 Mail Order Prescription Drug
91 Brand Name Prescription Drug
92 Generic Prescription Drug
93 Podiatry
94 Podiatry - Office Visits
95 Podiatry - Nursing Home Visits
96 Professional (Physician)
97 Anesthesiologist
98 Professional (Physician) Visit - Office
99 Professional (Physician) Visit - Inpatient
A0 Professional (Physician) Visit - Outpatient
A1 Professional (Physician) Visit - Nursing Home
A2 Professional (Physician) Visit - Skilled Nursing Facility
A3 Professional (Physician) Visit - Home
A4 Psychiatric
A5 Psychiatric - Room and Board
A6 Psychotherapy
A7 Psychiatric - Inpatient
A8 Psychiatric - Outpatient
A9 Rehabilitation
AA Rehabilitation - Room and Board
AB Rehabilitation - Inpatient
AC Rehabilitation - Outpatient
AD Occupational Therapy
AE Physical Medicine
AF Speech Therapy
AG Skilled Nursing Care
AH Skilled Nursing Care - Room and Board
AI Substance Abuse

AJ Alcoholism
AK Drug Addiction
AL Vision (Optometry)
AM Frames
AN Routine Exam
AO Lenses
AP Routine Eye Exam
AQ Nonmedically Necessary Physical
These physicals are required by other entities e.g., insurance application, pilot license, employment or school
AR Experimental Drug Therapy
B1 Burn Care
B2 Brand Name Prescription Drug - Formulary
B3 Brand Name Prescription Drug - Non-Formulary
BA Independent Medical Evaluation
BB Partial Hospitalization (Psychiatric)
BC Day Care (Psychiatric)
BD Cognitive Therapy
BE Massage Therapy
BF Pulmonary Rehabilitation
BG Cardiac Rehabilitation
BH Pediatric
BI Nursery
BJ Skin
BK Orthopedic
BL Cardiac
BM Lymphatic
BN Gastrointestinal
BP Endocrine
BQ Neurology
BR Eye
BS Invasive Procedures
BT Gynecological
BU Obstetrical
BV Obstetrical/Gynecological
BW Mail Order Prescription Drug: Brand Name
BX Mail Order Prescription Drug: Generic
BY Physician Visit - Office: Sick
BZ Physician Visit - Office: Well
C1 Coronary Care
CA Private Duty Nursing - Inpatient
CB Private Duty Nursing - Home
CC Surgical Benefits - Professional (Physician)
CD Surgical Benefits - Facility

CE Mental Health Provider - Inpatient
CF Mental Health Provider - Outpatient
CG Mental Health Facility - Inpatient
CH Mental Health Facility - Outpatient
CI Substance Abuse Facility - Inpatient
CJ Substance Abuse Facility - Outpatient
CK Screening X-ray
CL Screening laboratory
CM Mammogram, High Risk Patient
CN Mammogram, Low Risk Patient
CO Flu Vaccination
CP Eyewear and Eyewear Accessories
CQ Case Management
DG Dermatology
DM Durable Medical Equipment
DS Diabetic Supplies
GF Generic Prescription Drug - Formulary
GN Generic Prescription Drug - Non-Formulary
GY Allergy
IC Intensive Care
MH Mental Health
NI Neonatal Intensive Care
ON Oncology
PE Positron Emission Tomography (PET) Scan
PT Physical Therapy
PU Pulmonary
RN Renal
RT Residential Psychiatric Treatment
TC Transitional Care
TN Transitional Nursery Care
UC Urgent Care

1366 - Special Program Code

Code indicating the Special Program under which the services rendered to the patient were performed

TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CLM

TRANSACTION SETS USED IN

837

CODE	DEFINITION & EXPLANATION
01	Early & Periodic Screening, Diagnosis, and Treatment (EPSDT) or Child Health Assessment Program (CHAP)
02	Physically Handicapped Children's Program
03	Special Federal Funding
04	Family Planning
05	Disability
06	Pneumococcal Pneumonia Vaccine (PPV) or Medicare 100% Payment
07	Induced Abortion - Danger to Life
08	Induced Abortion - Rape or Incest
09	Second Opinion or Surgery
10	Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) External Partnership Program

1367 - Subluxation Level Code

Code identifying the specific level of subluxation TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
CR2

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
C1	Cervical 1 *Adjustment of the first neck vertebrae*
C2	Cervical 2 *Adjustment of the second neck vertebrae*
C3	Cervical 3 *Adjustment of the third neck vertebrae*
C4	Cervical 4 *Adjustment of the fourth neck vertebrae*
C5	Cervical 5 *Adjustment of the fifth neck vertebrae*
C6	Cervical 6 *Adjustment of the sixth neck vertebrae*
C7	Cervical 7 *Adjustment of the seventh neck vertebrae*
CO	Coccyx *Adjustment of the caudal extremity of the vertebrae*
IL	Ilium *Adjustment of the expansive superior portion of the hip bone*
L1	Lumbar 1 *Adjustment of the first vertebrae between the thorax and the pelvis*
L2	Lumbar 2 *Adjustment of the second vertebrae between the thorax and the pelvis*
L3	Lumbar 3 *Adjustment of the third vertebrae between the thorax and the pelvis*
L4	Lumbar 4 *Adjustment of the fourth vertebrae between the thorax and the pelvis*
L5	Lumbar 5 *Adjustment to the fifth vertebrae between the thorax and the pelvis*
OC	Occiput *Adjustment of the back part of the neck*
SA	Sacrum *Adjustment of the triangular bone just below the lumbar vertebrae*
T1	Thoracic 1 *Adjustment of the first vertebrae located between the neck and the respiratory diaphragm*
T2	Thoracic 2 *Adjustment of the second vertebrae located between the neck and the respiratory diaphragm*

T3 Thoracic 3
Adjustment of the third vertebrae located between the neck and the respiratory diaphragm

T4 Thoracic 4
Adjustment of the fourth vertebrae located between the neck and the respiratory diaphragm

T5 Thoracic 5
Adjustment of the fifth vertebrae located between the neck and the respiratory diaphragm

T6 Thoracic 6
Adjustment of the sixth vertebrae located between the neck and the respiratory diaphragm

T7 Thoracic 7
Adjustment of the seventh vertebrae located between the neck and the respiratory diaphragm

T8 Thoracic 8
Adjustment of the eighth vertebrae located between the neck and the respiratory diaphragm

T9 Thoracic 9
Adjustment of the ninth vertebrae located between the neck and the respiratory diaphragm

T10 Thoracic 10
Adjustment of the tenth vertebrae located between the neck and the respiratory diaphragm

T11 Thoracic 11
Adjustment of the eleventh vertebrae located between the neck and the respiratory diaphragm

T12 Thoracic 12
Adjustment of the twelfth vertebrae located between the neck and the respiratory diaphragm

1368 - Tooth Status Code

Code specifying the status of the tooth TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
DN2

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
E	To Be Extracted *Tooth which has been identified to be removed*
I	Impacted *An unerupted or partially erupted tooth that is firmly lodged against another tooth, bone or tissue so that complete eruption is unlikely*
M	Missing *Tooth which was lost or never present in the mouth*
X	Extracted

1369 - Tooth Surface Code

Code identifying the area of the tooth that was treated TYPE=**ID** MIN=**1** MAX=**2**

COMPOSITE DATA STRUCTURES USED IN
C005

SEGMENTS USED IN (AS COMPONENT)
TOO

TRANSACTION SETS USED IN
270 271 276 277 278 835 837

CODE	DEFINITION & EXPLANATION
B	Buccal *The surface of the tooth which is closest to the cheek*
D	Distal *The surface of the tooth facing away from an invisible line drawn vertically through the center of the face*
F	Facial *The surface of a tooth that is directed towards the face*
I	Incisal *The cutting edges of the anterior teeth*
L	Lingual *The surface of the tooth that is directed towards the tongue*
M	Mesial *The surface of a tooth which faces toward an invisible line drawn vertically through the center of the face*
O	Occlusal *The surfaces of the posterior (back) teeth which provides the chewing function*

1370 - Unit Dose Code

Code indicating the type of unit dose dispensing done TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
GRP SV4

TRANSACTION SETS USED IN
249 837

CODE	DEFINITION & EXPLANATION
0	Not Specified
1	Not Unit Dose
2	Manufacturer Unit Dose
3	Pharmacy Unit Dose
4	Treated Group
5	Untreated Control Group
6	Vehicle Control Group
7	Positive Control Group
8	Optional Control Group
9	Pharmacy Unit Dose Patient Compliance Packaging
A	Pharmacy Multi-Drug Patient Compliance Packaging
B	Remote Device Unit Dose
C	Remote Device Multi-Drug Compliance
D	Manufacturer Unit of Use Package (not unit dose)
Z	Mutually Defined

1371 - Unit Rate

The rate per unit of associate revenue for hospital accommodation TYPE=**R** MIN=**1** MAX=**10**

SEGMENTS USED IN (AS SIMPLE)

SV2

TRANSACTION SETS USED IN

278 837

1373 - Measurement Method or Device Code

Code indicating the method or device used to record the measurement TYPE=**ID** MIN=**2** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

MEA

TRANSACTION SETS USED IN

112 135 142 155 159 160 175 179 180 185 187 195 196 204 219 220 228 262 280 284 285 286 304 353 404 410 412 417 424 426 470 500 501 511 536 603 620 625 650 810 811 819 830 832 836 837 838 840 841 842 843 844 845 846 847 848 849 850 853 855 856 857 858 859 860 861 863 865 866 867 869 870 873 888 890 892 897 940 945

CODE	DEFINITION & EXPLANATION
BM	Bellows Meter *A type recording instrument which employs flexible vessels that expand when pressure is applied; the movement or expansion of the vessels is an indicator of the pressure applied; bellows meters are commonly used in low pressure or differential pressure measurement; "Bellows Meter" terminology is used to indicate that corrections in volume calculations are applied with respect to Bellows recorder characteristics*
BO	Based on 120 Days List to Contract
DM	Displacement Meter *A metering instrument in which mechanical displacement of known volume chambers are repeatedly filled and emptied; the volume of the chambers times the cycles of displacement is equal to the measure of volume; "Displacement Meter" terminology may also be used to define the application of volume calculation*
FT	Flange Tap *A critical parameter of design for orifice measurement where the pressure ports for the sensing of static and differential pressure are located one inch upstream and one inch downstream of the orifice plate; "Flange Tap" terminology is used to define the tap configuration employed*
HN	Hubometer *An axle mounted device to measure distance traveled by a motor vehicle*
MA	Measured Over Six Months
MM	Mercury Meter *A type of recording instrument which employs mercury displacement in a fixed chamber when pressure is applied; the displacement is an indicator of the pressure applied; the mercury recorder is primarily used in low pressure differential pressure measurement; "Mercury Meter" terminology is used to indicate that corrections in volume calculations are applied with respect to mercury recorder characteristics*
OM	Orifice Meter *A metering instrument used to measure flowing fluid through a pipe by velocity displacement and employing orifice technologies; the orifice meter is an inferential device which senses the pressure differential created by the passage of a fluid through an orifice of critical diameter placed in the pipe; a rate of flow is calculated from the fluid flowing and instrument parameters to determine the measure of volume; "Orifice Meter" terminology may also be used to define the application of volume calculation*
OU	Odometer
PT	Pipe Tap *A critical parameter of design for orifice measurement where the pressure ports for the*

sensing of static and differential pressure are located in a distance of two and one-half times the published inside diameter of the meter upstream of the orifice place and a distance of eight times the published inside diameter of the meter downstream of the orifice plate; "Pipe Tap" terminology is used to define the tap configuration employed

TM Turbine Meter
A type of metering instrument used to measure flowing fluid through a pipe by velocity displacement and employing turbine senses the rotation of a rotor axis turbine which is parallel to the axis of flow and proportional to the rate; the measure of volume is determined by counting the revolutions of the rotor; "Turbine Meter" terminology may also be used to define the application of volume calculation

VA Valued at 90 Day Marketing Time Method

VB Valued at 120 Day Marketing Time Method

VC Valued at 180 Day Marketing Time Method

1375 - Interim Hazardous Material Regulatory Number

Identifies the current regulatory version number used for hazardous materials shipments

TYPE=**AN** MIN=**1** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)

LH1

TRANSACTION SETS USED IN

204 211 219 222 300 301 304 310 312 322 404 417 418 421 423 856 858 940

1376 - Investor Reporting Action Code

Code identifying the type of investor reporting action that was needed TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
IRA

TRANSACTION SETS USED IN
203

CODE	DEFINITION & EXPLANATION
01	No Special Accounting Action
02	Action Code Reset
03	Relief Provisions
04	Bankruptcy or Litigation
05	Referred for Deed in Lieu of Foreclosure
06	Referred for Foreclosure
07	Loan Inactive for Accounting
08	Loan Reinstated for Accounting
09	Payoff
10	Payoff - Repurchased
1A	Payoff - Alternative Conversion Adjustable Rate Mortgage to Fixed Rate Mortgage
1B	Real Estate Owned Property *Property is owned by the lender or investor as a result of foreclosure.*
1C	Third-party Foreclosure Sale
1D	Federal Housing Administration or Veterans Administration/Real Estate Owned or Conveyance
1E	Short Payoff
1F	Principal Balance Correction
1G	Delinquency
1H	Third Party Sale, Pre-Foreclosure Sale and Short Payoff
1J	Payoff - Prepaid
1K	Payoff - Matured
1M	Mortgage Insurance Cancellation by Homeowner Based on Original Value of Property
1N	Mortgage Insurance Cancellation by Homeowner Based on Current Value of Property
1O	Mortgage Insurance Cancellation by Servicer Based on Automatic Cancellation Provisions
1P	Mortgage Insurance Cancellation Based on Mandatory Termination for High Risk Loan
1Q	Curtailment
1R	Skip Payment
1S	Mortgage Insurance Cancellation for Unspecified Reason
1T	Repurchase for the Purpose of Modification
IL	Substitution

1378 - Waybill Cross-Reference Code

Code specifying the type of cross-reference between the revenue waybill to a previously submitted waybill

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

N8A

TRANSACTION SETS USED IN

417 421 426

CODE	DEFINITION & EXPLANATION
W0	Mixed Shipment Waybill
W1	Revenue Waybill
W2	AAR Rule 11 Shipment
W3	Origin Junction Settlement
W4	Destination Junction Settlement
W5	Diversion
W6	Error Move
W7	Referenced Universal Railroad Revenue Waybill Identification Number (URRWIN)
W8	Split Shipment First Bill
W9	Split Shipment Subordinate Bill

1379 - Loan Verification Code

Code indicating the loan verification confirmation or exception reason TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
LV

TRANSACTION SETS USED IN
144

CODE	DEFINITION & EXPLANATION
0	Match on Loan
1	Social Security Number Does Not Match
2	Loan ID Does Not Match
3	Loan Program Does Not Match
4	Borrower Name Does Not Match
5	First Disbursement Date Does Not Match
6	Guaranteed Amount Does Not Match
7	Guarantee Date Does Not Match
8	Outstanding Loan Balance Does Not Match
9	Interest Rate Does Not Match
10	Interest Schedule Does Not Match
11	Grace Period Does Not Match
12	Less-Than-Half Time Date Does Not Match
13	Repayment Begin Date Does Not Match
14	Borrower Status Does Not Match
15	Borrower Status Date Does Not Match
16	Servicer/Lender Department of Education (DOE) Number Does Not Match
17	Seller Department of Education (DOE) Number Does Not Match
18	Servicing Transfer Date Does Not Match
19	Purchase Date Does Not Match
20	Guarantee Fee Not Paid
21	Birthdate Does Not Match

1382 - Oxygen Delivery System Code

Code indicating if a particular form of delivery was prescribed TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CR5

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
A	Nasal Cannula
B	Oxygen Conserving Device
C	Oxygen Conserving Device with Oxygen Pulse System
D	Oxygen Conserving Device with Reservoir System
E	Transtracheal Catheter

1383 - Claim Submission Reason Code

Code identifying reason for claim submission TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
CLM CSI OI STC

TRANSACTION SETS USED IN
248 260 275 277 837

CODE	DEFINITION & EXPLANATION
00	Original
01	Cancellation
02	Corrected and Verified Original Claim
03	Corrected and Verified Final Claim
05	Replace
07	Duplicate
08	Pre-Determination
09	Encounter
15	Resubmission
16	Proposed
17	Cancel to be Reissued
18	Reissue
20	Final Transmission
22	Information Copy
27	Verify
28	Late Charges
29	Adjustment
30	Payer Reconsideration
31	Jurisdictional Reconsideration
32	Judicial Reconsideration
PB	Predetermination of Dental Benefits *Information is intended for dental predetermination purposes only*

1384 - Patient Location Code

Code identifying the location where patient is receiving medical treatment

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

CR6 PAT SV4

TRANSACTION SETS USED IN

276 277 278 837

CODE	DEFINITION & EXPLANATION
A	Acute Care Facility
B	Boarding Home
C	Hospice
D	Intermediate Care Facility
E	Long-term or Extended Care Facility
F	Not Specified
G	Nursing Home
H	Sub-acute Care Facility
L	Other Location
M	Rehabilitation Facility
O	Outpatient Facility
P	Private Home
R	Residential Treatment Facility
S	Skilled Nursing Home
T	Rest Home

1387 - Rate Qualifier Code

Code indicating the type of interest rate TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
RTE

TRANSACTION SETS USED IN
568 821 822

CODE	DEFINITION & EXPLANATION
1	Reserve Requirement Rate - Demand Deposit Account (DDA)
2	Analysis Earnings Credit Interest Rate Not Yet Net of Reserves
3	Book/Ledger Balance Overdraft Interest Rate
4	Collected Balance Overdraft Interest Rate
5	Deficiency Balance Interest Rate
6	Treasury Tax and Loan (TT & L)
7	Federal Deposit Insurance Corporation (FDIC)
8	Overdraft Reserve Requirement Recover
9	Federal Funds
10	Prime
11	Mutually Defined
12	Reserve Requirement Rate - Non-Demand Deposit Account (Non-DDA)
13	Money Market (MMA)
14	Negotiable Order of Withdrawal Reserve (NOW)
15	Certificate of Deposit (CD)
2A	Analysis Earnings Credit Interest Rate Net of Reserves
BA	Base
CF	Current Factor
CM	Commission
CR	Coupon Rate
CX	Currency Exchange
DA	Demand Deposit Account Interest
DI	Deficiency Interest Rate
DR	Discount
DS	Deficiency Surcharge Rate
IR	Interest
NB	Book/Ledger Balance Net Overdraft Interest Rate
NC	Collected Balance Net Overdraft Interest Rate
PB	Principal Balance Factor
PF	Principal and Interest Factor
RR	Rebate
SR	Security
ST	Standby (Letter of Credit)

UF Uncollected Funds Usage Interest Rate

1390 - Eligibility or Benefit Information Code

Code identifying eligibility or benefit information TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
EB SBI

TRANSACTION SETS USED IN
271

CODE	DEFINITION & EXPLANATION
1	Active Coverage
2	Active - Full Risk Capitation
3	Active - Services Capitated
4	Active - Services Capitated to Primary Care Physician
5	Active - Pending Investigation
6	Inactive
7	Inactive - Pending Eligibility Update
8	Inactive - Pending Investigation
9	Coverage Never Activated
A	Co-Insurance
B	Co-Payment
C	Deductible
D	Benefit Description
E	Exclusions
F	Limitations
G	Out of Pocket Maximum (Stop Loss)
H	Unlimited
I	Non-Covered
J	Cost Containment
K	Reserve
L	Primary Care Provider
M	Pre-existing Condition
N	Services Restricted to Following Provider
O	Not Deemed a Medical Necessity
P	Benefit Disclaimer
Q	Second Surgical Opinion Required
R	Other or Additional Payer
S	Prior Year(s) History
T	Card(s) Reported Lost/Stolen
U	Contact Following Entity for Eligibility or Benefit Information
V	Cannot Process
W	Other Source of Data
X	Health Care Facility

Y Spend Down

10 Inactive - Premium Payment Not Received
Indicates that the payer has deemed the member inactive; based on the inquiry date submitted on the request, the eligibility status is returned as inactive because the date is either (1) after the due date of the initial premium payment or (2) after end of the 3 month grace period and the member is not eligible for benefits but whose membership may be effectuated

11 Active - Pending Receipt of Premium Payment
Indicates that the payer has deemed the member active, but, based on the inquiry date submitted on the request, the eligibility status is returned as Active because the date is either (1) prior to the due date of the initial premium payment or (2) within the 3 month grace period and the member is in the first month of the grace period, and any delinquent payment has not yet been received.

12 Inactive - Pending Receipt of Premium Payment
Indicates that the payer has deemed the member inactive, based on the inquiry date submitted on the request, the eligibility status is returned as inactive because the date is either (1) after the due date of the initial premium payment or (2) the member is in the 2nd or 3rd month of the grace period and any delinquent payment has not yet been received by the payer.

13 Annual Maximum

14 Non-Covered - Out of Area

15 Covered - Out of Area

16 Leased Plan Network

17 Leased Provider Network

AA Patient Reimbursement

AB Co-payment Maximum

AC Co-insurance Maximum

CB Coverage Basis

CF Combination Forward Rolling Limitation (CFRL)

FC First Dollar Coverage, Applies to the Entire Plan

FD First Dollar Coverage

FG First Dollar Coverage, Group of Services

FS First Dollar Coverage, Single Service

HR Health Reimbursement Account

MC Managed Care Coordinator

SB Shared Benefit Limitation

SD Shared Benefit Deductible

SF Simple Forward Rolling Limitation (SFRL)

TB Tiered Benefit

TF Timely Filing Limits

WV Waiver

1392 - Market Profile

Indicates a specific market group

TYPE=**AN** MIN=**1** MAX=**8**

SEGMENTS USED IN (AS SIMPLE)

CMA

TRANSACTION SETS USED IN

290

1393 - Media Type Identifier Code

Code identifying a specific media type

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

MI

TRANSACTION SETS USED IN

290

CODE	DEFINITION & EXPLANATION
MI	Miscellaneous
NE	Newspaper
RD	Radio
TV	Television

1395 - Configuration Type Code

Code specifying how information is being grouped or arrayed TYPE=ID MIN=1 MAX=1

COMPOSITE DATA STRUCTURES USED IN
C036

SEGMENTS USED IN (AS COMPONENT)
INX

SEGMENTS USED IN (AS SIMPLE)
GR4

TRANSACTION SETS USED IN
194 715

CODE	DEFINITION & EXPLANATION
1	Horizontal, Left to Right
2	Horizontal, Right to Left
3	Vertical, Top to Bottom
4	Vertical, Bottom to Top
5	Individual Cell
B	Block *Loading Configuration is by Geographic Location of Destination*
C	Shipper's Railcar Identification *Loading Configuration is by Sender's Loading Cluster ID*
S	Actual Railcar Identification *Loading Configuration is by Equipment Initial and Number*

1396 - Equipment Use Code

Code specifying how the equipment is to be used TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)
GR4

TRANSACTION SETS USED IN
715

CODE	DEFINITION & EXPLANATION
C	Customer-Controlled Car *All space on the car is under control of the customer; excess space may not be utilized by loader*
G	Generic Car *Use of car is at the discretion of the loader*
R	Customer-Controlled Car Release *Excess space on the car may be utilized by the loader*

1397 - Inquiry Response Code

Code indicating type of response action for Customer Information Inquiries

TYPE=**ID** MIN=**1** MAX=**2**

Code Sources

319

SEGMENTS USED IN (AS SIMPLE)

REQ

TRANSACTION SETS USED IN

155 838

1398 - Inquiry Selection Code

Code indicating what the requestor wants included or excluded from the response to an inquiry

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

REQ

TRANSACTION SETS USED IN

155 838

CODE	DEFINITION & EXPLANATION
0	Include Summary Totals
1	Exclude Sublocation
2	Exclude All Synonyms
3	Include All Synonyms
4	Stop Processing after Look-up
5	Stop Processing after Machine Match
6	Stop Processing after Merge/Purge
7	Include Asset Details
8	Include Breakdown of Capital
9	Include Liability Details
A	Include Capital
B	Include Comparatives
C	Include Current Assets
D	Include Current Liabilities
E	Include Facility Description
F	Include Income Statement
G	Include Insurance
H	Include Loan Details
I	Include Location Description
J	Include Long Time Liabilities
K	Include Net Worth Reconciliation
L	Include Starting Capital
M	Include Non-current Assets
N	Include Percentages
O	Include Ratios
P	Include Sales and Net Worth
Q	Include Statement Explanation
R	Include Trends
S	Include Updated Figures
T	Include Tax Details
U	Include Financing
V	Include Term Detail
W	Include Net Worth and Equity Details

X Include Credit Amounts
Y Include Evaluation
AA Include Forecasts
AB Include Ownership Breakdown
AC Include Historical Amounts
AP Manual Processing
IN Include Expense Breakdown
OP On-line Processing

1400 - Hierarchy Code

Code identifying the level an entity holds in the hierarchy of a corporate family

TYPE=**AN** MIN=**2** MAX=**2**

Code Sources

268

SEGMENTS USED IN (AS SIMPLE)

ERI

TRANSACTION SETS USED IN

267 838

1401 - Proposal Data Detail Identifier Code

Code identifying the basis of a cited value in a proposal TYPE=ID MIN=1 MAX=3

SEGMENTS USED IN (AS SIMPLE)
PD PDD PPL SPI

TRANSACTION SETS USED IN
175 176 179 194 196 251 262 286 650 805 832 838 840 841 843 850 860 865

CODE	DEFINITION & EXPLANATION
AA	Actual Amount
AB	Estimated Amount
AC	Negotiated Amount
AD	Mixed Amount
AE	Estimated Quantity
AF	Negotiated Quantity
AG	Actual Rate
AH	Estimated Rate
AI	Negotiated Rate
AJ	Mixed Amounts
AK	Mixed Quantities
AL	Mixed Rates
AM	Actual
AN	Estimated
AO	Negotiated
AP	Mixed
AQ	Cost Share Amount

1402 - Equipment Attribute Code

Code specifying attributes of a piece of equipment TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
EA

TRANSACTION SETS USED IN
300 301

CODE	DEFINITION & EXPLANATION
N2	Nitrogen Gas *The use of nitrogen gas retard the maturation of fruits and vegetables*
ATM	Atmosphere Controlled *The use of a gas to retard the maturation of fruits and vegetables*
C02	Carbon Dioxide Gas *The use of carbon dioxide gas to retard the maturation of fruits and vegetables*
CLE	Clean Exterior *Exterior of container is to be cleaned*
DHT	Door Height Requirement *The height of the door opening of the container must be greater than or equal to a specified value*
DWI	Door Width Requirement *The width of the door opening of the container must be greater than or equal to a specified value.*
FAP	Use Flatrack as Platform *A flatrackmay be used in place of a platform*
GEN	Genset Required *A motor-generator set is to be mounted on a container or chassis prior to use*
LIN	Liner Attached *Interior of container is to be covered by a plastic or rubber liner*
MCP	Moisture Content Requirement *The moisture content of the interior of the container must be less than or equal to a specified value.*
MOI	Moisture Free *Interior of container is to be free of detectable moisture*
NDO	Door Off *Door(s) are to be removed from container*
NOI	Oil Stain Free *Interior or container is to be free of oil stains*
ODF	Odor Free *Interior of container is to have no detectable odor*
PCO	Pre-cooled *The interior of the container is to be cooled to the specified temperature prior to use*
PRE	Pre-mount Required *Container is to be mounted on a chassis prior to use*
PSE	Pre-set Temperature *The attached motor-generator set is to be set to the specified temperature prior to use*

RAD Reefer Used As Dry
A refrigerated container is to be used without a motor-generator set

RUS Rust Free
Interior of container is to be free of rust

SLI Slider Chassis
A slider chassis must be used

SMO Smoke Test
Air-tightness of container is to be tested by use of a smoke pot

STE Steam Cleaned
Interior of container is to be cleaned by use of high pressure steam

SUB Substitution Allowed
A type of container similar to the one requested may be used

SUR Survey Required
Container is to be inspected to ensure proper loading of cargo, or to ensure that an empty container meets the shipper's specifications

TBT Timber Treated
All wood in the container must be treated per Australian government regulations

TEC Tectrol Gas
The use of tectrol gas to retard the maturation of fruits and vegetables

VOD Dual Voltage Required
The refrigerated container must be capable of operating at both 220 and 440 volts

VOS Single Voltage Required
The refrigerated container must be capable of operating at only 220 volts

YEA Year of Manufacture Requirement
The year of manufacture of the container must be less than a specified date

1403 - Implant Type Code

Code identifying implant components TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
CR8

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
0	High Risk Implantable Device
1	Pulse Generator
2	Atrial Lead
3	Ventricular Lead
4	Implantable Cardioverter Defibrillator (ICDs)
5	Implantable Cardiac Pacemaker (ICPs)
6	Cardiac Resynchronization Therapy Devices (CRTs)
7	Pacing Leads
8	Pacing Battery
9	Coronary Stent
A	Peripheral Stent
B	Heart Valve
C	Ventricular-Assist Device
D	Implantable Heart Monitor
E	Knee
F	Hip
G	Shoulder
H	Elbow
I	Ankle
J	Toe
K	Finger
L	Spinal
M	Orthobiologic
N	Tissue
O	Facial
P	Dental
Q	Ophthalmic
R	Gynecologic
S	Urogynecologic
T	Drug
U	Otolaryngeal
V	Cochlear
W	Cosmetic

X Gastroenterologic
Y Urologic
Z Other

1404 - Implant Status Code

Code identifying the status of implant components TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
CR8

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
1	Implanted
2	Explanted

1407 - Investor Ownership Type Code

Code identifying the type of ownership for a loan TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
DEX

TRANSACTION SETS USED IN
202

CODE	DEFINITION & EXPLANATION
1	Whole Mortgage
2	Participation

1408 - Remittance Type Code

Code identifying the type of remittance TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
DEX

TRANSACTION SETS USED IN
202

CODE	DEFINITION & EXPLANATION
01	Actual Principal Actual Interest Remittance *Remittance of actual interest collected and actual principal collected*
02	Scheduled Interest Actual Principal Remittance *Remittance of the scheduled interest and actual principal collected*
03	Scheduled Principal Scheduled Interest Remittance *Remittance of the scheduled interest and scheduled principal*

1413 - Usage Indicator Code

Code specifying whether the achievement or characteristic being described is a requirement, an attribute, or a proficiency

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

RAP

TRANSACTION SETS USED IN

130 138

CODE	DEFINITION & EXPLANATION
A	Attribute
P	Proficiency
R	Requirement

1415 - Specimen Kit Type Code

Code specifying the specimen kit type or contents used for collecting and forwarding samples used in the tests being reported

TYPE=**ID** MIN=**1** MAX=**4**

Code Sources

277

SEGMENTS USED IN (AS SIMPLE)

SPK

TRANSACTION SETS USED IN

186

1420 - Title Insurance Services Code

Code identifying the title insurance services TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
TIS

TRANSACTION SETS USED IN
265

CODE	DEFINITION & EXPLANATION
AP	American Land Title Association (ALTA) Policy
CL	Closing/Settlement
CP	California Land Title Association (CLTA) Title Insurance Policy
ES	Escrow
MP	Mortgagee Master Policy Certificate
PP	Property Profile
SE	Sub-escrow
SP	Shortform Title Policy
SV	Survey
TC	Preliminary Title Work (Commitment)
TD	Loan Document Preparation
TI	Tax Information
TP	Texas Land Title Association (TLTA) Title Insurance Policy
ZZ	Mutually Defined

1422 - Damage Status Code

Code indicating the condition of the damage at the time of the report TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

DAM

TRANSACTION SETS USED IN

124 272

CODE	DEFINITION & EXPLANATION
NW	New *The damage was incurred recently, probably as a result of the loss in question*
PE	Pre-existing *The damage existed prior to the loss in question*
RP	Repaired *The damage no longer exists; it has been repaired*
UK	Unknown *Not known at this time*
ZZ	Mutually Defined

1423 - License Plate Type Code

Code identifying the type of license

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
DVI

TRANSACTION SETS USED IN
124 187 272 284 285 286

CODE	DEFINITION & EXPLANATION
AM	Ambulance
AP	Apportioned
AQ	Antique
AR	Amateur Radio or Citizen's Band Radio Operator
AT	All Terrain Vehicle
BU	Bus
BV	Marine
CC	Consular Corps
CI	City Owned or Municipal Vehicle
CO	Commercial
CU	County Owned
DA	Drive-away
DB	Dune Buggy
DD	Dentist
DL	Dealer
DP	Diplomatic
DU	Duplicate
DV	Disabled Veteran
DX	Disabled Person
EX	Exempt
FD	Fire Department
FG	Foreign Government
FM	Farm Vehicle
HT	Heavy Truck
IP	International Plate
IT	In-transit
JJ	Judge or Justice
LE	Legislative, U.S.
LF	Law Enforcement
LS	Legislative, State
MC	Motorcycle
MD	Motorcycle Dealer
MF	Manufacturer

ML Military Vehicle, Canadian
MP Moped
MV Military Vehicle, U.S.
NG National Guard Member
OB Omnibus
OL Other License Plate Types
PC Passenger Car
PE Personalized or Customized
PH Physician
PX Pharmacist
RE Reciprocal (or Reciprocity)
RI Reissue
RP Replacement
RV Rented Vehicle or Trailer
S1 Special Car
SC Special Purpose Commercial Vehicle
SN Snowmobile
ST State Owned Vehicle
SV School Vehicle
TK Truck
TL Trailer
TM Temporary Tags
TP Transporter
TR Truck - Tractor
TX Taxi
US U.S. Government Vehicle
UV Utility Vehicle (UTV)
VF Veterans of Foreign Wars
VN Van

1425 - Recovery Classification Code

Code specifying an item's recovery classification TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
VRC

TRANSACTION SETS USED IN
272

CODE	DEFINITION & EXPLANATION
1	No Apparent Damage
2	Stripped of Major Parts - Engine
3	Stripped of Major Parts - Transmission
4	Stripped of Major Parts - Other
5	Stripped of Major Parts - Engine and Transmission
6	Stripped of Major Parts - Engine and Other
7	Stripped of Major Parts - Transmission and Other
8	Stripped of Major Parts - Engine, Transmission, and Other
9	No Major Parts Missing, But Damaged

1426 - Recovery Condition Code

Code identifying the condition or state of the recovered item TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
VRC

TRANSACTION SETS USED IN
272

CODE	DEFINITION & EXPLANATION
0	Condition Unknown
2	No Apparent Damage
3	Stripped
4	Wrecked
5	Burned
6	Flood
7	Vandalized
8	Stripped and Wrecked
9	Stripped and Burned
A	Stripped and Flood
B	Stripped and Vandalized
C	Wrecked and Burned
D	Wrecked and Vandalized
E	Burned and Vandalized
F	Flooded and Vandalized
Z	Mutually Defined

1428 - Master In-bond Type Code

Code identifying a type of Master In-bond

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

M21

TRANSACTION SETS USED IN

355 357

CODE	DEFINITION & EXPLANATION
C	Conventional
P	Paperless

1429 - Construction Type Code

Code identifying the primary construction material TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
EM FDA

TRANSACTION SETS USED IN
155 271 272 404 417 858

CODE	DEFINITION & EXPLANATION
0	Adobe
1	Aluminum Siding
2	Asbestos Siding
3	Cement
4	Concrete
5	Concrete Block
6	Corrugated Metal
7	Galvanized Plate
8	Glass
9	Granite
A	Aluminum
B	Brick
C	Cement Block
D	Cinder Block
E	Grey Brick
F	Fiberglass
G	Hollow Tile
H	Lava Stone
I	Limestone
J	Logs
K	Marble
L	Metal
M	Frame
N	Metal Coating
O	Other
P	Metallic
Q	Plaster
R	Plastic
S	Steel
T	Plate Ceiling
U	Plywood
V	Reinforced Concrete
W	Rock

X Sandstone
Y Sheet Iron
Z Mutually Defined
A0 Wood Metal Coating
A1 Sheet Metal
A2 Siding
A3 Slate
A4 Stucco
A5 Teja
Type of roof tile used in Latin America
A6 Tile
A7 Tin
A8 Veneer
A9 Vinyl Siding
AA Wood Siding
AB Steel Frame
AC Steel Reinforced Concrete

1430 - Day Rotation

Days of weekexpressed in a seven-day rotation period starting with Monday = 1; a Monday - Friday would be shown as (12345)

TYPE=**AN** MIN=**1** MAX=**7**

SEGMENTS USED IN (AS SIMPLE)

SR WLD

TRANSACTION SETS USED IN

132 453 810

1431 - Preference Code

Code specifying sender's preference

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

R2A

TRANSACTION SETS USED IN

300 301 304 310

CODE	DEFINITION & EXPLANATION
1	1st Preference *Sender's first preference*
2	2nd Preference *Sender's second preference*
3	3rd Preference *Sender's third preference*
D	Sender's Choice: No Deviation *Carrier selection specified; no deviations permitted*
N	Notification *Sender is notifying receiver of arrangements made*
O	Receiver of Message's Option *Sender is permitting receiver to make selection*

1432 - Business Purpose of Assurance Code

Code specifying the business purpose of the appended assurance to an existing secured-entity (whether functional group or transaction set); the codes represent the intention of the business or application that has control over the assurance originator

TYPE=**ID** MIN=**3** MAX=**3**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

APE S3A S4A

TRANSACTION SETS USED IN

993

CODE	DEFINITION & EXPLANATION
AGR	Authorization Signature Appropriate to this Document, Receipt Requested
APR	Authorization to Service Provider, Receipt Requested
ASG	Authorization Signature Appropriate to this Document
ASP	Authorization to Service Provider
CGR	Authorization Co-signature Appropriate to this Document, Receipt Requested
CSG	Authorization Co-signature Appropriate to this Document
EAR	Approval Certification of Environmental Protection Agency, Receipt Requested
EPA	Approval Certification of Environmental Protection Agency
EPR	Export Approval Certification, Receipt Requested
EXP	Export Approval Certification
MCR	Medical Report Release Certification, Receipt Requested
MRR	Medical Record Release Certification
NRR	Non-repudiation of Receipt
PPS	Paid Preparer's Signature
PRP	Preparer's Signature
PRR	Preparer's Signature, Receipt Requested
PSR	Paid Preparer's Signature, Receipt Requested
SFR	Signature Forwarded Independent of Referenced Document, Receipt Requested
SFS	Signature Forwarded Independent of Referenced Document
SIR	Non-repudiation of Receipt, Receipt Requested
TAX	Authorization Signature Appropriate to Submitter of Filing of Taxation Return (TS 813 and others) and under Penalties Prescribed by the Relevant Laws
TSO	Time Stamp Only (No Responsibility for Contents)
ZZR	Mutually Defined, Receipt Requested
ZZZ	Mutually Defined

1434 - Domain of Computation of Assurance Code

Code specifying the bounds of the text, whether contiguous or not, over which the computation of the Assurance Token is computed using the defined methodology of computation and any relevant Assurance Token parameters The "body" is defined as a transaction set, beginning with the first byte of the segment immediately following the ST segment terminator and including all segments up to but not including the "S" in the first SVA segment; DO NOT include any S4A segments The "body" can also be defined as a functional group, beginning with the first byte of the segment immediately following the GS segment terminator and including all transaction sets up to but not including the "S" in the first SVA segment at the functional group level; DO NOT include any S3A segments "This Assurance" is defined as from the "S" in S3A or S4A up to and including the segment terminator of that segment "Previous Assurance(s)" is defined as including the entire S3A or S4A segment and the entire corresponding SVA segment that is associated with the S3A or S4A at the same level

TYPE=**ID** MIN=**1** MAX=**2**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

APE S3A S4A

TRANSACTION SETS USED IN

993

CODE	DEFINITION & EXPLANATION
A	Body Only
B	Body Plus This Assurance Header Only
C	Body Plus All Previous Assurances Plus This Assurance Header
D	Body plus All Previous Assurances Only
E	This Assurance Header Only
F	All Previous Assurances Plus This Assurance Header
G	Body Plus All Previous Assurances of Referenced Document

1435 - Assurance Originator

Unique designation (identity) of the cryptographic process that performs the stated assurance on data to be interchanged Note: X9 has a required minimum length of 4 characters for a security originator; no mechanism, or registration method, is provided by X9 or X12 to guarantee uniqueness of the identifier

TYPE=**AN** MIN=**1** MAX=**64**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

APE S3A S4A

TRANSACTION SETS USED IN

993

1436 - Assurance Recipient

Unique designation (identity) of the cryptographic process that performs validation of the stated assurance on received data. In the absence of an Assurance Recipient all potential receivers will often be able to validate the assurance because the cryptographic technique is based on a "public" (as opposed to "secret") technology Note: X9 has required minimum length of 4 characters for a security recipient; no mechanism, or registration method, is provided by X9 or X12 to guarantee uniqueness of the identifier

TYPE=**AN** MIN=**1** MAX=**64**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

APE S3A S4A

TRANSACTION SETS USED IN

993

1437 - Date Time Stamp

TYPE=**AN** MIN=**17** MAX=**25**

Date and time stamp in format as follows: YYYYMMDDHHNNSSTTTZZZ+XXXX, where YYYY = 4 digit year (with leading century), MM = month of year (01..12), DD = day of month (01..31), HH = hour of day in 24-hour format (00..23), NN = minutes of the hour (00-59), SS = second of hour (00..59), TTT = [optional] milli-seconds (000..999), ZZZ = [optional] three character, nominal timezone indicator (including daylight savings time indicator) and XXXXX = 3-5 digit (including leading + or - sign) offset of time to universal time, with three position format indicating hours-offset for whole hours, and five position format indicating hours and minutes offset where this is necessary. For example: 19930615221330CDT+0930 which represents 15 June 1993, 22:13 (10:13pm), Central Daylight Time (Nominal Value "CDT"), in a timezone that is offset + 9:30 from Universal Time (Australia)

SEGMENTS USED IN (AS SIMPLE)

S3A S4A

TRANSACTION SETS USED IN

993

1438 - Assurance Text

Any text needed to convey the name of a signatory, registration number, certification number, or other assurance-originator defined or mutually agreed business text related to the specific assurance; this text is not defined for X12 purposes and thus functions technically as "free-form text" though it may have structure that is defined by the assurance originator, an industry group, a governmental agency, or bi-laterally between assurance originator and assurance recipient

TYPE=**AN** MIN=**1** MAX=**64**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

S3A **S4A**

TRANSACTION SETS USED IN

993

1439 - Assurance Token Parameter Code

Code specifying the type of Assurance Token Parameter TYPE=**ID** MIN=**2** MAX=**2**

COMPOSITE DATA STRUCTURES USED IN
C028

SEGMENTS USED IN (AS COMPONENT)
S3A S4A

TRANSACTION SETS USED IN
993

CODE	DEFINITION & EXPLANATION
CI	Certification Authority ID
CT	Counter
EK	Key Value - One-Time Key
KN	Key Name
NT	Notarization
OD	Key-Encrypting-Key for One-Time Key
OP	Odd Parity Counter
SN	Serial Number
UI	User ID
ZZ	Mutually Defined

1442 - Assurance Token Parameter Value

A value of a parameter, usually specifying one or more options, required for the proper operation of the cryptographic algorithm used to compute the Assurance Token; depending on the algorithm used, one or more values may be required

TYPE=**AN** MIN=**1** MAX=**64**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN

C028

SEGMENTS USED IN (AS COMPONENT)

S3A S4A

TRANSACTION SETS USED IN

993

1443 - Assurance Reference Number

Alphanumeric reference number issued by security assurance originator for the particular assurance in which it occurs; unique when used in combination with security originator data element

TYPE=**AN** MIN=**1** MAX=**35**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

S3A S4A

TRANSACTION SETS USED IN

993

1460 - Part of Body Code

Code identifying the part of body TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

285

SEGMENTS USED IN (AS SIMPLE)

IMP

TRANSACTION SETS USED IN

148

1465 - Proximity Code

Code identifying proximity TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
LIE

TRANSACTION SETS USED IN
195 272 284 620 625

CODE	DEFINITION & EXPLANATION
AB	Above
BL	Below
BO	Back Of
EB	Eastern Bound
EO	East Of
FO	Front Of
IN	Intersection
LO	Left Of
NB	Northern Bound
NE	Northeast of
NL	Not Located in the Vicinity
NO	North Of
NW	Northwest of
RO	Right Of
SB	Southern Bound
SE	Southeast of
SO	South Of
SW	Southwest of
WB	Western Bound
WO	West Of
ZZ	Mutually Defined

1466 - Location Type Code

Code identifying a type of location

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

LIE

TRANSACTION SETS USED IN

195 272 284 620 625

CODE	DEFINITION & EXPLANATION
AA	Positional Coordinates Location
AB	Public Land Survey Coordinates Location
AC	Cross Streets Location
AD	Map Location
AE	Grid Bounds Location
AF	Marker Location
AL	Aircraft Landing Location
AT	Antenna Location
FC	Facility Location
LL	Loss Location
PL	Property Location
RC	Recovery Location
RL	Risk Location
TT	Transported to Location
VL	Vehicle Location
WB	Wellbore Bottomhole Location
WE	Wellbore Entry Point Location
WK	Wellbore Kickoff Point Location
WL	Witness Physical Location
WS	Wellbore Surface Location
WX	Wellbore Exit Point Location
ZZ	Mutually Defined

1468 - Reason Stopped Work Code

Code identifying reason claimant stopped working TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
CHB ESI

TRANSACTION SETS USED IN
132 148 153

CODE	DEFINITION & EXPLANATION
10	Vacation
11	Paid Leave of Absence
12	Unpaid Leave of Absence
13	Lay off Permanent
14	Lay off Temporary
15	Personal Day Off
16	Terminated
17	Illness
18	Injury
19	Holiday
D1	Discharged Failed to Meet Work Standards
D2	Discharged Not Qualified
F1	Failed to Report for Assignment
F2	Fire, Flood or Natural Disaster
L1	Lay Off Seasonal
L2	Lay Off End of Assignment or Contract
L3	Lay Off Reduced Hours or Partial Employment
L4	Lay Off Workforce Reduction
M1	Misconduct Insubordination
M2	Misconduct Excessive Absence or Tardiness
M3	Misconduct Violated Rules or Regulations
M4	Misconduct Dishonesty
M5	Misconduct Failure to Call or Show
O1	Labor Dispute
O2	No Record of Employment
O3	Still Employed Part-time
O4	Jury Duty
O5	Company Relocation
O6	Still Employed or No Separation
O7	Other
Q1	Quit
R1	Refusal to Provide Service
V1	Voluntary Accepted Another Job

V2 Voluntary Personal or Not Job Related
V3 Voluntary Left Area or Follow Spouse
V4 Voluntary No Reason Given
V5 Voluntary Educational Pursuits

1469 - Affected Area or Section Code

Code indicating the area or areas affected by a change or changes TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
API

TRANSACTION SETS USED IN
155 198 261 262 266 274

CODE	DEFINITION & EXPLANATION
1	Single Family
2	Multifamily
3	Individual Sale
4	Entire Portfolio for Issues
5	All Mortgages
6	Partial Serviced Mortgages

1470 - Number

A generic number

TYPE=**N0** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

ADJ AP1 BAX BTS CDI CR7 DAD DEX DL DPN FC G13 G17 G30 G32 G40 G46 G95 GA GRP ID4 INS IV1 LC1
LP LRQ MI1 MNC MSG MTX PEN PLC PO4 PO5 PPD REL RS RTE SCM SOI SSE STP SWD TLN UCS UD VDI

TRANSACTION SETS USED IN

100 105 106 107 108 112 113 124 130 138 141 142 143 146 148 149 150 153 154 155 159 160 161 175
176 179 186 187 188 189 194 195 196 197 198 199 200 201 202 205 206 219 220 222 242 249 251 252
255 256 259 260 262 264 265 267 268 270 271 272 273 274 278 283 284 286 304 404 410 417 418 422
424 426 435 460 500 504 521 527 536 568 620 625 650 754 805 806 810 811 812 813 814 819 820 821
822 823 828 830 832 833 834 836 837 839 840 841 843 848 850 851 852 855 856 857 858 859 860 861
862 863 864 865 867 868 872 879 880 883 885 886 888 889 890 892 894 897

1472 - Report Section Number

Number identifying a specified section or subsection of a report TYPE=**AN** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

MSS

TRANSACTION SETS USED IN

848

1473 - Pricing Methodology Code

Code specifying pricing methodology at which the claim or line item has been priced or repriced

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

HCP

TRANSACTION SETS USED IN

837

CODE	DEFINITION & EXPLANATION
00	Zero Pricing (Not Covered Under Contract)
01	Priced as Billed at 100%
02	Priced at the Standard Fee Schedule
03	Priced at a Contractual Percentage
04	Bundled Pricing
05	Peer Review Pricing
06	Per Diem Pricing
07	Flat Rate Pricing
08	Combination Pricing
09	Maternity Pricing
10	Other Pricing
11	Lower of Cost
12	Ratio of Cost
13	Cost Reimbursed
14	Adjustment Pricing

1476 - Language Proficiency Indicator Code

Code indicating language proficiency TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
IND LUI

TRANSACTION SETS USED IN
105 111 130 132 138 146 155 159 189 255 267 271 274 834 837

CODE	DEFINITION & EXPLANATION
1	English Only *The student speaks only English*
2	Fully English Proficient *The student is proficient enough in English to be able to academically succeed in English-only classes*
3	Limited English Proficient *The student's proficiency in English is such that the probability of the student's academic success in an English-only classroom is below that of an academically successful peer with an English language background*
4	Non-English Speaking *The student does not speak English*
5	Status Unknown
6	Redesignated Fluent English Proficient *The student no longer needs language assistance services and Is considered proficient enough in English to be able to succeed academically in English-only classes*
A	Excellent or Fluent
B	Good
C	Fair
D	Poor
E	Unacceptable

1482 - Mechanical Car Code

Code specifying the Association of American Railroads Mechanical Car Code

TYPE=**ID** MIN=**4** MAX=**4**

Code Sources

354

SEGMENTS USED IN (AS SIMPLE)

CIC

TRANSACTION SETS USED IN

414 432

1484 - Problem Log Reason Code

Code indicating the reason a problem log was created TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
BGP

TRANSACTION SETS USED IN
452

CODE	DEFINITION & EXPLANATION
ES	Expedited service for problem previously reported
MC	Missed Connection
ME	Missing Equipment
MP	Mechanical Problem
PE	Procedural Error
RP	Ramp Failure
SH	Shipment Information Change
SP	System Problem
TC	TrackConditions
TD	Train Delay

1485 - Service Commitment Type Code

Code identifying the type of service commitment TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
SSC

TRANSACTION SETS USED IN
453

CODE	DEFINITION & EXPLANATION
C	Customer Commitment
R	Carrier Commitment

1487 - Retrip Reason Code

Code identifying the reason a trip has been revised TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
IS1

TRANSACTION SETS USED IN
421 456

CODE	DEFINITION & EXPLANATION
BO	Car Reported Bad Order
CI	Change in Interchange Mode
CU	Train Delay - Hold for Maintenance of Way Curfew
DE	Train Delay - Derailment
EA	Road Estimated Time of Arrival Available
ET	Car Rescheduled to an Extra Train
HL	Car Reported Held
HR	Car Reported Released from Hold
HW	Train Delay - High Wind
ID	Scheduled Interchange did not Include Car
MS	Car Manually Scheduled
MV	Car Location Move (Without Train)
OK	Car Reported Released from Bad Order
OP	Operating Plan Change
PE	Predictive Estimated Time of Arrival Used
RR	Train Rerouted
SI	Added Consignee Placement Instructions
SK	Train Delay - Sun Kink
SL	Train Delay - Washout or Slide
SO	Train Block Set Out Location Changed
TA	Train Annulment
TC	Train Consolidation
TD	Train Departed Without Car
TM	Train Movement Reporting Deletion
TR	Train Size Reduction (tonnage, length, number or cars)
WA	Car Arrived on Different Train
WC	Waybill Cancellation
WD	Waybill Diversion or Correction
WE	Train Delay - Weather
WI	Car Included in Different Interchange
WT	Car Departed on Different Train

1488 - Bad Order Reason Code

Code indicating the reason equipment has been designated as a bad order

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

ES

TRANSACTION SETS USED IN

451 456

CODE	DEFINITION & EXPLANATION
A	Body; Including Floors, Roof, Sides, Ends and Multi-level Rack
B	Braking System; Any Brake Component Listed in Rule 83 Car Part Codes under the Heading of 'Brake Equipment' and 'Piping'
C	Clean-Out; Including Preparation for Loading such as Clean-out, Conditioning and Pre-tripping
D	Derailment or Accident; Damage Resulting from Derailment, Sideswipes, Fire, Flood or Other Casualty Occurrence
E	Doors; Including Side, End and Hopper Doors, Outlet Gates, Hatch and Dome Covers
F	Draft System; Including Couplers, Yokes, Draft Gears, Draft Lugs, Draft Sills, End of Car and Center of Car Cushioning Units and Articulated Connections
G	Interior Linings and Coatings; Including any Interior Lining or Coating
H	Load Attention: Requiring Measurement, Weighing, Adjustment, Transfer or Containment of Leaking Commodity
I	Load Restraining Devices; Components Integral to Car such as Tie Down Equipment, Interior Bulkheads, DF Equipment, Trailer Hitches, Container Pedestals or Other Similar Equipment
J	Mechanical Inspection; Including Inspection From Early Warning Letters, Maintenance Advisory Notifications or Special Instructions Received From the Car Owners or Handling Line
K	Refrigeration Equipment; Including Inspections Pre-Tripping and Defective Equipment Listed in Rule 83 Car Part Codes Under the Heading 'Mechanical Refrigeration Equipment'
L	Safety Appliance; Including Handholds, Sill Steps, Ladders, Running Boards, Crossover Boards, Brake Steps and Uncoupling Levers
M	Trucks; Including Side Frames, Truck Bolsters, Friction Castins, Springs Snubbers and Side Bearings, but Excluding Wheel Assemblies and Brake Rigging
N	Underframe; Including Center Sills, Side Sills and Body Bolsters, Crossbearers, Crossties, Body Center Plates and Body Side Bearings
O	Wheel Assembly; Including Wheels, Axles, Friction or Roller Bearings Wedges, Adapters, Periodic Attention and Hot Boxes
P	Enroute to Ship for Inspection
Q	Defect Unknown; Car Awaiting Inspection

1489 - Hold Reason Code

Code indicating the reason equipment has been detained TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
ES

TRANSACTION SETS USED IN
451 456

CODE	DEFINITION & EXPLANATION
CA	Cash/Credit
CC	Customs
CW	Car in Wrecked Train
DE	Disposition
EM	Embargo
HI	Heating and Icing
LI	Inspection - Lading
MI	Inspection - Mechanical
MS	For Manual Schedule
NB	No Billing
OC	Operating Conditions
OI	Other
WG	Weigh

1490 - Association of American Railroads Car Grade Code

Code indicating the mechanical condition of a rail car TYPE=ID MIN=1 MAX=1

Code Sources
47

SEGMENTS USED IN (AS SIMPLE)
ES PRM

TRANSACTION SETS USED IN
451 455 456

1491 - Parameter Trace Registration Type Code

Code identifying the type and handling of a Parameter Trace Registration TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
BTC

TRANSACTION SETS USED IN
455

CODE	DEFINITION & EXPLANATION
1	Immediate Notification of Events
2	On Demand Notification
3	Historical

1492 - Parameter Trace Type Code

Code indicating the type of parameter tracing desired TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
BTC

TRANSACTION SETS USED IN
455

CODE	DEFINITION & EXPLANATION
1	Basic Waybill Trace
3	Car Series Trace, Submitter in Route
4	Pool Assignment Trace, Submitter in Route
6	Car Series Trace, Match on Initial
8	Pool Assignment Trace, All Waybills
A	Car Series Trace, Match on Owner
B	Car Series Trace, Match on Lessee
C	Car Series Trace, Match on Owner and Lessee
P	Problem Log Trace
R	Retrip Trace

1493 - Output Event Selection Code

Code indicating the type of output events

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

BTC

TRANSACTION SETS USED IN

455

CODE	DEFINITION & EXPLANATION
A	Interchange Only
C	Car Movement Only
E	Interchange or Car Movement
F	All Reportings
G	Last Location
H	Bad Order Reports
L	Special Event List
P	Problem Log Reports

1494 - Transportation Condition Code

Code indicating handling restrictions and empty disposition instructions for railroad freight equipment

TYPE=**ID** MIN=**1** MAX=**1**

Code Sources

356

SEGMENTS USED IN (AS SIMPLE)

PRM

TRANSACTION SETS USED IN

455

1496 - Property Description Qualifier

Code identifying the type of reference or number used to describe real property

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PDS

TRANSACTION SETS USED IN

103 187 197 199 201 202 205 206 245 261 262 265

CODE	DEFINITION & EXPLANATION
01	Map Cover & Sublot Number
02	Metes & Bounds
03	Section, Lot, and Block
04	Tax Identification
05	Parcel Identification Number
06	Lot or Unit Number
07	Block or Building
08	Subdivision
09	Section
10	Arbitrary Number
11	Book (Liber)
12	Page (Folio)
13	Outlot
14	Baseline
15	Survey Description
16	Torrens Property Number
17	Legal
18	Appraisal Description
19	Neighborhood or Project Name
20	Multiple Listing Service Area or District
21	Multiple Listing Service Sub-Area or Sub-District
22	Property Identification
23	Mobile Home Park
26	Tract Number
27	Square
28	City
29	Range
30	Lot
31	Unit Number
32	Land Lot
33	County
34	Township
35	Acreage

36 Record of Survey
37 Plat Map
38 Parcel Map
39 Licensed Survey
40 Subdivision Map
41 Official Record
42 Deed
43 Miscellaneous Map
44 Miscellaneous Record
45 State
46 Country
47 Block
48 Building
49 Real Estate Development Project
50 Master Real Estate Development Project
51 Phase
52 Ward
53 District
54 Borough
55 Village
56 Parish

1497 - Notification Entity Qualifier

Code indicating type of notifications TYPE=**AN** MIN=**1** MAX=**2**

Code Sources

357

SEGMENTS USED IN (AS SIMPLE)

M15

TRANSACTION SETS USED IN

353 355

1499 - Rate Application Code

Code identifying the location at which the tax rate is applied TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
TRS

TRANSACTION SETS USED IN
150

CODE	DEFINITION & EXPLANATION
DE	Destination
OR	Origin

1511 - Type of Deduction Code

Code specifying type of deduction being withheld from an employee's pay

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

DED

TRANSACTION SETS USED IN

820 823

CODE	DEFINITION & EXPLANATION
CS	Child Support
DP	Non-Custodial Parent or Third-Party Payers
FD	Financial Institution to Financial Institution Funds Transfer Requested by Child Support Agency
IF	Interstate Financial Institution Data Match Collections
II	Interstate Income Withholding - Child Support
IO	Interstate All Others - Child Support
IT	Interstate State Tax Offset - Child Support
RF	Interstate Cost-Recovery Financial Institution Data Match
RI	Interstate Cost-recovery Income Withholding - Child Support
RO	Interstate Cost-recovery All Others - Child Support
RT	Interstate Cost-recovery State Tax Offset - Child Support
UC	Unemployment Compensation - Child Support
UI	Unemployment Insurance Payment - Child Support

1514 - Delay Reason Code

Code indicating the reason why a request was delayed TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
CLM UM

TRANSACTION SETS USED IN
278 837

CODE	DEFINITION & EXPLANATION
1	Proof of Eligibility Unknown or Unavailable
2	Litigation
3	Authorization Delays
4	Delay in Certifying Provider
5	Delay in Supplying Billing Forms
6	Delay in Delivery of Custom-made Appliances
7	Third Party Processing Delay
8	Delay in Eligibility Determination
9	Original Claim Rejected or Denied Due to a Reason Unrelated to the Billing Limitation Rules
10	Administration Delay in the Prior Approval Process
11	Other
15	Natural Disaster
16	Lackof Information
17	No response to initial request

1520 - Display Type Code

Code indicating the type of displays

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
G29

TRANSACTION SETS USED IN
885 886

CODE	DEFINITION & EXPLANATION
AA	End Cap - Front End
AB	End Cap - Back End
AC	End Cap - Middle
AD	Free Standing
AE	Shipper
AF	Module Ready to Display
AG	Refrigerated Display Case
AH	Gondola (Island)
AI	Sidestack
AJ	Spinner Rack
AK	Clip Strip
AL	J-hook
AM	Checkstand
AN	Wing Display
AO	Pallet
AP	Dump Bin
AQ	Other
AR	Frozen Display Case
AS	In-Aisle
AT	Backroom Shelf
AU	Backroom Cold Box Storage
AV	Backroom Floor Space
AW	Frontroom Shelf Space
AX	Frontroom Cold Box Storage
AY	Frontroom Floor Space

1521 - Marketing Type Code

Code indicating the type of marketing devices or programs TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
G30

TRANSACTION SETS USED IN
885

CODE	DEFINITION & EXPLANATION
AA	Checkout Coupons
AB	Video Cart
AC	Frequent Shopper
AD	Shelf Coupon Dispenser
AE	Electronic Shelf Tag
AF	In-Store Broadcast
AG	Front-End Coupon Dispenser (Kiosk)
AH	Newspaper
AI	Television
AJ	Radio
AK	Magazine
AL	Telemarketing
AM	Direct Mail
AN	Flyers

1522 - Coupon Type Code

Code indicating the type of coupon

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

G15 G35

TRANSACTION SETS USED IN

886 887

CODE	DEFINITION & EXPLANATION
AA	Checkout
AB	Shelf
AC	Front-end
AD	Demonstration
AE	In-advertising
AF	Instant Redeemable
BA	Without Sample
BB	With Sample
BC	Co-op
BD	On Cart
BE	Kiosk
BF	Military
BG	In Store with Sample
BH	In Store without Sample
BI	Off Location with Sample
BJ	Off Location without Sample
BK	Hospital
BL	Cross-Ruff
BM	On Page
BN	Pop-up
BO	Tip In
BP	Color
BQ	Sunday Comics
BR	Supplement
BS	Split Value

1523 - Labor Activity Code

Code indicating a type of labor activity

TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
G37

TRANSACTION SETS USED IN
886

CODE	DEFINITION & EXPLANATION
AA	Shelf Maintenance
AB	Reset
AC	Survey
AD	Product Recall
AE	Spoils Processing
AF	Merchandising
AG	Selling
AH	Product Demonstration

1525 - Request Category Code

Code indicating a type of request

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PWK UM

TRANSACTION SETS USED IN

105 113 143 147 161 179 186 194 195 198 202 206 252 255 261 262 265 267 272 277 278 280 284 304 310 500 511 536 810 830 832 833 836 837 840 841 842 843 850 855 856 860 865 867 870

CODE	DEFINITION & EXPLANATION
AL	All Categories
AR	Admission Review
BA	Batch
HS	Health Services Review
IN	Individual
MR	Medical Reservation
PR	Program Referral
RE	Recurring
SC	Specialty Care Review

1526 - Policy Compliance Code

Code specifying policy compliance

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

HCP

TRANSACTION SETS USED IN

837

CODE	DEFINITION & EXPLANATION
1	Procedure Followed (Compliance)
2	Not Followed - Call Not Made (Non-Compliance Call Not Made)
3	Not Medically Necessary (Non-Compliance Non-Medically Necessary)
4	Not Followed Other (Non-Compliance Other)
5	Emergency Admit to Non-Network Hospital

1527 - Exception Code

Code specifying the exception reason for consideration of out-of-network health care services

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

HCP

TRANSACTION SETS USED IN

837

CODE	DEFINITION & EXPLANATION
1	Non-Network Professional Provider in Network Hospital
2	Emergency Care
3	Services or Specialist not in Network
4	Out-of-Service Area
5	State Mandates
6	Other

1528 - Component Data Element Position in Composite

To identify the component data element position within the composite that is in error

TYPE=**N0** MIN=**1** MAX=**2**

COMPOSITE DATA STRUCTURES USED IN

C030

SEGMENTS USED IN (AS COMPONENT)

AK4 CTX IK4 TED

TRANSACTION SETS USED IN

824 997 999

1540 - Net Cost Code

Code indicating the net cost formula

TYPE=**ID** MIN=**1** MAX=**2**

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
1	Net Cost Formula 1
2	Net Cost Formula 2
3	Net Cost Formula 3
4	Net Cost Formula 4

1543 - Equipment Orientation Code

Code indicating the direction the equipment is entrained or the lading is loaded; When used to indicate the lading orientation, direction is defined relative to the equipment on which it is loaded

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

EI VC W2

TRANSACTION SETS USED IN

120 121 125 127 160 228 309 322 326 355 404 410 417 418 426 456 858 859 928

CODE	DEFINITION & EXPLANATION
A	Opposite End of Car from Brake
B	Brake End of Car

1546 - Preferential Duty Criteria Code

Code indicating the rule that was used to claim duty preference TYPE=**ID** MIN=**1** MAX=**2**

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
A	Wholly Obtained *The good is "wholly obtained or produced entirely" in the territory of one or more of the North American Free Trade Agreement (NAFTA) countries*
B	Produced Entirely *The good is produced entirely in the territory of one or more of the North American Free Trade Agreement (NAFTA) countries and satisfies the specific rule of origin that applies to its tariff classification*
C	Exclusive Originating *The good is produced entirely in the territory of one or more of the North American Free Trade Agreement (NAFTA) countries exclusively from originating material*
D	Unassemble classified *The good was imported into the territory of a North American Free Trade Agreement (NAFTA) country in an unassembled or disassembled form but was classified as an assembled good*
E	Tariff Change *The good incorporated one or more non-originating materials, provided for as parts under the Harmonized System, which could not undergo a change in tariff classification*

1549 - Convertibility Rate Type Code

Code indicating the type of rate used in a convertibility option TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
CDI

TRANSACTION SETS USED IN
205 872

CODE	DEFINITION & EXPLANATION
1	Adjustable to Fixed
2	Adjustable to Adjustable
3	Balloon to Adjustable
4	Balloon to Fixed
5	Fixed to Fixed
6	Fixed to Adjustable
ZZ	Mutually Defined

1550 - Index Qualifier

Code identifying an index

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

INX

TRANSACTION SETS USED IN

194

CODE	DEFINITION & EXPLANATION
1	Matrix Start - Absolute Reference
2	Matrix Start - Relative Reference
3	Matrix Continuation - Absolute Reference
4	Matrix Continuation - Relative Reference

1551 - Textual Data

To transmit large volumes of message text TYPE=**AN** MIN=**1** MAX=**4096**

COMPOSITE DATA STRUCTURES USED IN
C080

SEGMENTS USED IN (AS COMPONENT)
PO4 TTI

SEGMENTS USED IN (AS SIMPLE)
MTX

TRANSACTION SETS USED IN
105 113 150 155 179 194 219 220 251 274 284 304 500 527 620 625 650 754 805 806 810 812 814 830 832 836 840 843 850 852 855 856 857 860 861 862 863 864 865 867 880 890 892 894 897

1552 - Option Type Code

Code indicating the type of option provided

TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)

CDI

TRANSACTION SETS USED IN

205 872

CODE	DEFINITION & EXPLANATION
1	Assumability
2	Callability
3	Prepayment
4	Convertibility
5	Limited Payment
6	Adjustability
7	User-defined
8	Negative Amortization
9	Automatic Refinance
10	Modification
11	Construction Phase
12	Permanent Phase
13	Payment Frequency
ZZ	Mutually Defined

1553 - License Type Code

Code specifying the type of license

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

TOA

TRANSACTION SETS USED IN

186 267

CODE	DEFINITION & EXPLANATION
A1	Airline Transport Pilot
A2	All Cargo Air Service Certificate
C1	Certificate of Public Convenience and Necessity
C2	Commercial
C3	Competition Driver's License
F1	Flight Instructor
MV	Motor Vehicle Operator License
P1	Private
R1	Recreational
S1	Student
U1	U.S. Parachute Association Class A
U2	U.S. Parachute Association Class B
U3	U.S. Parachute Association Class C
U4	U.S. Parachute Association Class D

1554 - Tag Status Code

Code indicating the status of an Automatic Equipment Identification Tag TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
EI TSI W2

TRANSACTION SETS USED IN
160 228 322 418

CODE	DEFINITION & EXPLANATION
A	Axle Error
B	Bearing Error
C	Candidate Platform
D	Disqualification
E	Equipment Group Code Error
F	Length Error
G	Good
H	Performance
I	No Other Problems Flagged
J	Multiple Errors
K	OK - No Other Problems Flagged
L	Left Tag Bad
M	Equipment has Two Tags and the Equipment Initial and Number are not the Same
N	No Tag Read
O	Orientation Error
P	Platform Code Error
R	Right Tag Bad
S	Communication Fault
U	Unknown
W	Window Violation

1555 - Automatic Equipment Identification Consist Confidence Level Code

Code indicating the confidence level of the information being passed by an automatic equipment identification reader

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

AES

TRANSACTION SETS USED IN

160

CODE	DEFINITION & EXPLANATION
A	Axle Patterns are Questionable
D	Excessive Disqualifiers
G	Good (All information to follow is good)
M	Multiple Inconsistencies

1556 - Train Termination Status Code

Code indicating the train termination status

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

AES

TRANSACTION SETS USED IN

160

CODE	DEFINITION & EXPLANATION
N	Normal
O	Other
T	Time Out

1557 - Movement Type Code

Code indicating the type of movement at the automatic equipment identification reader site

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

AES

TRANSACTION SETS USED IN

160

CODE	DEFINITION & EXPLANATION
A	Through Movement Over Five Miles per Hour
B	Through Movement Under Five Miles per Hour
C	Stop and Go
D	Switching
E	Pull-by

1558 - Academic Summary Source Code

Code indicating the source of the summary data TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
SUM TST

TRANSACTION SETS USED IN
130 131 138 189 190 252

CODE	DEFINITION & EXPLANATION
A	Self-reported
B	High School Counselor
C	High School Transcript
D	College Transcript

1559 - Automatic Equipment Identification Site Status Code

Code indicating the site status of the automatic equipment identification reader

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

AES

TRANSACTION SETS USED IN

160

CODE	DEFINITION & EXPLANATION
A	Antenna Warning
B	Antenna Fatal
C	Communication Warning
D	Communication Fatal
E	Intertrack Communication Failure Warning
F	Intertrack Communication Failure Fatal
G	Good
H	Power Supply Failure
I	Power Supply Fatal
J	Power Supply Off
K	Software Set-up Failure
L	Available
M	Multiple Processor
O	Presence Loop Off
Q	Presence Loop On
R	Reader or Radio Frequency Warning
S	Reader or Radio Frequency Fatal
T	Transducer Warning
U	Transducer Fatal
V	Transducer Off
X	External Detector Warning
Y	External Detector Fatal
Z	Security

1560 - Interchange Type Code

Code indicating the type of description being used in the Junction Master TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
JCT

TRANSACTION SETS USED IN
437

CODE	DEFINITION & EXPLANATION
C	Trackage Rights or Haulage Agreement
E	End of Train Device
I	Joint Motor-Rail
J	Joint Industry Only
N	Normal (Rail-to-Rail)
O	Operating
P	Per Diem Relief Point
R	Rubber (Rail to Motor)
S	Shop
T	Truck (rail to Motor to rail)
V	Revenue Only
W	Water

1561 - Rail Junction Settlement Role Code

Code indicating carrier's junction settlement role TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
JS

TRANSACTION SETS USED IN
437

CODE	DEFINITION & EXPLANATION
H	Handling Carrier
L	Linehaul Carrier
S	Junction Settlement Carrier

1564 - Protocol ID Code

Code specifying protocol used to encrypt the session key TYPE=ID MIN=3 MAX=3

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN
C031

SEGMENTS USED IN (AS COMPONENT)
S3S S4S

TRANSACTION SETS USED IN
None

CODE	DEFINITION & EXPLANATION
DE3	Triple Data Encryption Algorithm
DEA	Data Encryption Algorithm
ECE	Elliptic Curve Encryption
KEA	Key Encryption Algorithm
RSA	RSA Algorithm
ZZZ	Mutually Defined

1565 - Look-up Value

Value used to identify a certificate containing a public key

TYPE=**AN** MIN=**1** MAX=**4096**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN

C050

SEGMENTS USED IN (AS COMPONENT)

CSC S3A S3S S4A S4S

TRANSACTION SETS USED IN

815 993

1566 - Keying Material

Additional material required for decrypting the one-time key TYPE=**AN** MIN=**1** MAX=**512**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN

C031

SEGMENTS USED IN (AS COMPONENT)

S3S S4S

TRANSACTION SETS USED IN

None

1567 - One-time Encryption Key

Hexadecimally filtered encrypted one-time key TYPE=**AN** MIN=**1** MAX=**512**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN

C031

SEGMENTS USED IN (AS COMPONENT)

S3S S4S

TRANSACTION SETS USED IN

None

1568 - Algorithm ID Code

Code identifying the algorithm used for encryption TYPE=ID MIN=3 MAX=3

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN
C032

SEGMENTS USED IN (AS COMPONENT)
S3S S4S

TRANSACTION SETS USED IN
None

CODE	DEFINITION & EXPLANATION
AE1	Advanced Encryption Standard (AES) with a 128-bit Key
AE2	Advanced Encryption Standard (AES) with a 192-bit Key
AE3	Advanced Encryption Standard (AES) with a 256-bit Key
DE3	Triple DEA
DEA	Data Encryption Algorithm
DES	Data Encryption Standard (Same as DEA)
RC2	RC2 Algorithm
RSA	Rivest-Shamir-Adelman (RSA) Algorithm
SKJ	Skipjack
ZZZ	Mutually Defined

1569 - Algorithm Mode of Operation Code

Code specifying the Mode of Operation of the Encryption Algorithm TYPE=ID MIN=3 MAX=3

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN
C032

SEGMENTS USED IN (AS COMPONENT)
S3S S4S

TRANSACTION SETS USED IN
None

CODE	DEFINITION & EXPLANATION
CBC	Cipher Block Chaining
CF8	8-Bit Output Feedback
CFB	Cipher Feedback (CFB) Mode
EBC	Electronic Code Book
ZZZ	Mutually Defined

1570 - Filter ID Code

Code specifying the type of filter used to convert data code values TYPE=ID MIN=3 MAX=3

COMPOSITE DATA STRUCTURES USED IN
C032 C050

SEGMENTS USED IN (AS COMPONENT)
CSC S3A S3S S4A S4S

SEGMENTS USED IN (AS SIMPLE)
BDS CSC EFI IMC SVA

TRANSACTION SETS USED IN
102 105 176 179 186 187 197 240 252 255 267 268 271 274 275 280 815 824 832 840 841 842 843 850 855 860 865 897 993

CODE	DEFINITION & EXPLANATION
ASB	ASCII-Baudot Filter
ASC	ASCII Filter
B64	Base 64
HDC	Hexadecimal Filter
NOF	No Filter
R64	Radix 64
UUE	UUencoding
ZZZ	Mutually Defined

1571 - Compression ID Code

Code identifying the type of Compression Used TYPE=**ID** MIN=**3** MAX=**3**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN

C032

SEGMENTS USED IN (AS COMPONENT)

S3S S4S

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
912	Deflate Compressed Data Format with LZ77 (Lempel-Ziv 1977) and Huffman Coding
913	X9E13 Compression as defined by X9.32
ZZZ	Mutually Defined

1572 - Security Value Qualifier

Code indicating the type of Security Value

TYPE=**ID** MIN=**3** MAX=**3**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN

C033

SEGMENTS USED IN (AS COMPONENT)

CSC SVA

TRANSACTION SETS USED IN

815 993

CODE	DEFINITION & EXPLANATION
ASV	Assurance Token
CRT	Certificate
PUB	Public Key

1573 - Encoded Security Value

Encoded representation of the Security Value specified by the Security Value Qualifier

TYPE=**AN** MIN=**1** MAX=**9999999999999999**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN

C033

SEGMENTS USED IN (AS COMPONENT)

CSC SVA

TRANSACTION SETS USED IN

815 993

1574 - Assurance Algorithm Code

Code specifying the algorithm used to compute the assurance token TYPE=**ID** MIN=**3** MAX=**3**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN
C034

SEGMENTS USED IN (AS COMPONENT)
S3A S4A

TRANSACTION SETS USED IN
993

CODE	DEFINITION & EXPLANATION
DSS	Digital Signature Standard
ECD	Elliptic Curve Digital Signature
ISH	ISO 9796(1991)
NOP	No algorithm specified
RSA	RSA
Y31	Y9.31
ZZZ	Mutually Defined

1575 - Hashing Algorithm Code

Code specifying the algorithm used to compute the assurance digest TYPE=**ID** MIN=**3** MAX=**3**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN
C034

SEGMENTS USED IN (AS COMPONENT)
S3A S4A

TRANSACTION SETS USED IN
993

CODE	DEFINITION & EXPLANATION
MD2	MD2
MD4	MD4
MD5	MD5
MDC	MDC2
SHA	Secure hash algorithm
ZZZ	Mutually Defined

1576 - Inspected/Weighed Indicator Code

Code indicating whether product has been inspected and/or weighed TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

GA

TRANSACTION SETS USED IN

404 410 417 422 426 858 859

CODE	DEFINITION & EXPLANATION
IB	Both Inspected and Weighed
II	Inspected
IW	Weighed

1577 - Hazardous Material Regulations Exception Code

Code indicating if an exception exists for a finished good from the shipping requirements of the hazardous material regulations and what that exception is

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

LFG

TRANSACTION SETS USED IN

832

CODE	DEFINITION & EXPLANATION
1	No Exception
2	Excepted, Ground Transport Less than Limited Quantity
3	Excepted, Ground Transport Less than Limited Quantity and Consumer Commodity (Other Regulated Materials - Group D (ORM-D))

1578 - Export Exception Code

Code specifying why a Shipper's Export Declaration (SED) is not required

TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

929

SEGMENTS USED IN (AS SIMPLE)

L13 M11

TRANSACTION SETS USED IN

309 355 601

1579 - Accrual Rate Method Code

Code identifying the method of interest accrual TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

MPP

TRANSACTION SETS USED IN

202 203

CODE	DEFINITION & EXPLANATION
S	Stated
W	Weighted Average, Fixed Margin
X	Weighted Average, Fixed Servicing

1585 - Shape Code

Code indicating the shape of an object TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
LET PDH

TRANSACTION SETS USED IN
470 832 897

CODE	DEFINITION & EXPLANATION
CN	Cone
CY	Cylinder
OV	Oval
RL	Rectangle
SQ	Square
TR	Triangle
US	Unspecified

1588 - Political Party Affiliation Code

Code identifying a political party affiliation TYPE=ID MIN=2 MAX=2

Code Sources
97

SEGMENTS USED IN (AS SIMPLE)
ICH

TRANSACTION SETS USED IN
152 272 280

CODE	DEFINITION & EXPLANATION
AM	American
CM	Communist
CN	Conservative
DM	Democratic
FR	Freedom
GN	Green
GR	Grass Roots
IN	Independence
LL	Liberal
LR	LaRouche
LT	Libertarian
NP	No Political Party
OT	Other Political Party
PF	Peace and Freedom
RL	Right-to-Life
RP	Republican
SC	Socialist
SL	Socialist-Labor
TX	Taxpayers
ZZ	Mutually Defined

1589 - Harbor Maintenance Fee (HMF) Exemption Code

Code specifying the reason a commodity is exempt from Harbor Maintenance Fees

TYPE=**AN** MIN=**1** MAX=**2**

Code Sources

97

SEGMENTS USED IN (AS SIMPLE)

L13

TRANSACTION SETS USED IN

601

1590 - Asset Liability Type Code

Code specifying the type of financial statement item TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
ASL

TRANSACTION SETS USED IN
186 267

CODE	DEFINITION & EXPLANATION
A1	Accounting Services
A2	Accounts Payable
A3	Accounts Receivable
A4	After-tax Net Earnings or Losses
A5	Alimony
A6	Annuities
A7	Auto
A8	Automobile
B1	Before-tax Pension Plan Cash Contributions
B2	Before-tax Profit Sharing Cash Contributions
B3	Bonds
B4	Bonus
B5	Building
C1	Capital Gains
C2	Car Loan
C3	Cars
C4	Cash
C5	Casualty Insurance Premiums
C6	Certificate of Deposit
C7	Child Support
C8	Collectibles
C9	Commissions
CA	Company Assets
CB	Company Capital
CC	Company Liability
CD	Corporate Bonds
CE	Cost of Goods Sold
CF	Credit Card Debt
D1	Deferred Compensation
D2	Dental Insurance Premiums
D3	Depreciation
D4	Depreciation or Principle on Business Loans
D5	Disability Insurance Premiums

D6 Dividends
E1 Earned Income
E2 Electricity
E3 Employee Benefits
E4 Equipment Payments
E5 Equities
E6 Expenses
F1 Federal Unemployment Tax (FUTA)
G1 Gain or Loss from Sale of Fixed Assets
G2 Gift
G3 Government Bonds
G4 Gross Profit
G5 Gross Receipts
G6 Gross Sales
H1 Health Insurance Premiums
H2 Heat
H3 Home
I1 Inheritance
I2 Insurance Premiums
I3 Intangible Assets
I4 Interest
I5 Interest on Loans
I6 Inventory
I7 Investment
J1 Janitorial Services
L1 Licenses and Fees
L2 Life Insurance Cash Value
L3 Limited Partnership Income
L4 Loans
M1 Maintenance
M2 Malpractice or Liability Insurance Premiums
M3 Money Market
M4 Mortgage
M5 Municipal Bonds
M6 Mutual Funds
N1 Net Profit or Loss After Taxes
N2 Net Profit or Loss Before Taxes
N3 Net Rental Income
N4 Net Worth
N5 Non-owner or Employees Compensation
O1 Other
O2 Other Taxes
O3 Owner or Employees Compensation

P1 Pension
P2 Periodicals
P3 Personal Liability
P4 Personal Assets
P5 Personal Property
P6 Professional Dues
P7 Professional Fees
P8 Profit Sharing
P9 Property Taxes
PA Publications
R1 Real Estate
R2 Rent
R3 Rental Property
R4 Retirement Plan
R5 Royalties
S1 Salary
S2 Sales
S3 Savings
S4 Savings Bonds
S5 Scheduled Principal Payments on Debt
S6 Security Service
S7 Self Employment Income
S8 Share of After-tax C Corporation Net Income or Loss
S9 Share of After-tax Corporation Earnings or Losses
SA Share of Partnership Net Profit or Loss
SB Share of Partnership Ordinary Income
SC Share of S Corporation Net Income or Loss
SD Social Security (FICA)
SE Sole Proprietorship Net Profit or Loss
SF State Unemployment Tax (SUTA)
SG Stocks
T1 Tangible Assets - Non-current
T2 Tangible Assets - Current
T3 Taxes
T4 Telephone
T5 Telephone Answering Services
T6 Total Assets
T7 Total Earned Income
T8 Total Income
T9 Total Liability
TA Total Unearned Income
TB Treasury Bills
TC Trust

U1 Unearned Income
U2 Unemployment Compensation
U3 Utilities
W1 Workers Compensation
ZZ Mutually Defined

1591 - Type of Activity Code

Code specifying the type of activity TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
TOA

TRANSACTION SETS USED IN
186 267

CODE	DEFINITION & EXPLANATION
24	24-hour Endurance Snowmobile
A1	Aviation Advertising
A2	Aerial Application
A3	Aviation Aerobatics
A4	Air Ambulance
A5	Air Taxi
A7	Auto Stunt Driving
A8	Abalone Diving
A9	Aerobatic Skydiving
AA	Auto Drag Racing
AB	Aviation Ferrying
AC	Aviation Firefighting
AD	Auto Hill Climbing
AE	Aviation Inspection
AF	Aviation Instructional
AH	Aviation Prospecting
AI	Auto Road Rally
B1	Business Aviation
B2	Base ȷmping
B3	Boxing
B4	Bungee ȷmping
B5	Banner Towing
B6	Bush Flying
C1	Championship Auto Racing
C2	Certificated Route Air Carrier
C3	Chartered Air Carrier
C4	Commercial Aviation
C5	Construction Helicopter
C6	Corporate Aviation
C7	Crew Member Aviation
C8	Cross-country Aviation
C9	Cross-country Motorcycle Racing
CA	Cave Diving

CB Cross-country Snowmobile Racing
CC Cartography
CD Cliff Soaring
D1 Demolition Derby
D2 Demonstration Aviation
DR Driving
E1 Endurance Racing Inboard
E2 Experimental Skydiving
F1 Flying
Used to send total hours flown in lifetime
F2 Figure 8 Demolition
F3 Formula or Grand Prix Auto Racing
F4 Forestry Aviation
F5 Fire Fighting
G1 Glider or Sailplane
G2 Grand Prix Motorcycle Racing
G3 Ground Skimming
H1 Hot-air Ballooning
H2 Hang Gliding
H3 Hydroplane Racing Unlimited
H4 Hydroplane Racing Inboard
I1 International Racing (Auto)
I2 Intermediate Junior Snowmobile Racing
I3 Ice Diving
I4 Iceboat Racing
I5 Inboard Racing
I6 Ice Climbing
J1 Jet Car Racing
J2 Judo
K1 Kart Racing
K2 Karate
M1 Midget Racing
M2 Military Flying
M3 Modified Outboard Racing
M4 Motorboat Racing
M5 Modified Stock Motorcycle Racing
M6 Motocross Racing
M7 Mountain Climbing
M8 Military Skydiving
M9 Modified Stock Snowmobile Racing
MA Modified Snowmobile Racing
MB Motorcycle Acrobatics
MC Motorcycle Dirt Track Racing

MD Motorcycle Drag Racing
ME Motorcycle Enduro Racing
MF Motorcycle Hill Climbing
MG Motorcycle Ice Racing
MH Motorcycle Observed Trials
MI Motorcycle Road Racing
MJ Motorcycle Road Riding
MK Motorcycle Speed Record Trials
ML Motorcycle Speedway
N1 Non-scheduled Flying
O1 Off Road Auto Racing
O2 Offshore Racing
O3 Outboard Performance Craft Racing
O4 Oval Sprint Snowmobile Racing
O5 Other
O6 Open Modified Snowmobile Racing
P1 Passenger Aviation
P2 Personal Aviation
P3 Photographic Aviation
P4 Pilot Aviation
P5 Pleasure Aviation
P6 Precision Flying
P7 Private Flying
P8 Parachuting
P9 Professional Outboard Racing
PA Parakiting
PB Parasailing
PC Paraskiing
R1 Rock Climbing
R2 Rodeo
R3 Ridge Soaring
S1 Sports Car Racing
S2 Sprint Car Racing
S3 Stock Car Racing
S4 Snowmobile Enduro Racing
S5 Scheduled Flying
S6 Sight Seeing Aviation
S7 Student Flying
S8 Stock Outboard Racing
S9 Snowmobile Drag Racing
SA Stock Snowmobile Racing
SB Spear Fishing
SC Scuba Diving

SD Skydiving
SE Skydiving Accuracy
SF Skydiving Free-fall
SG Stunt Flying
T1 Testing Aviation
T2 Traffic Watch Aviation
U1 Underwater Diving
U2 Underwater Hard-hat Diving
U3 Underwater Scuba Diving
U4 Underwater Skin Diving
W1 Water Skiing
W2 Wrestling
W3 Wreck or Salvage Diving
W4 World Snowmobile Speed Record

1592 - Type of Rating Code

Code specifying the level of participation TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
TOA

TRANSACTION SETS USED IN
186 267

CODE	DEFINITION & EXPLANATION
A1	Amateur
A2	Air Transport Rating (ATR)
A3	Airplane
A4	American Motorcyclist Association (AMA)
A5	American Powerboat Association (APBA)
B1	Boeing 747
D1	Deep Water Diver Club
D2	Diving Advanced Open Water Certification
D3	Diving Open Water Certification
D4	Diving Rescue Diver Certification
D5	Diving Underwater Hunter Certification
F1	Federal Aviation Administration Medical Class 1
F2	Federal Aviation Administration Medical Class 2
F3	Federal Aviation Administration Medical Class 3
G1	Glider
I1	Instructor
I2	International Motor Sports Association (IMSA)
I3	Instrument
I4	Instrument Flight Rating Airplane
I5	Instrument Flight Rating Helicopter
L1	Lighter Than Air
M1	Multiengine Land
M2	Multiengine Sea
N1	National Association Stock Car Auto Racing (NASCAR)
N2	National Hot Rod Association (NHRA)
P1	Professional
R1	Rotorcraft
S1	Student
S2	Sports Car Club of America (SCCA)
S3	Single Engine Land
S4	Single Engine Sea
U1	United States Auto Club (USAC)
V1	Visual

1594 - Controlled Substance Type Code

Code specifying the type of controlled substance TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
SIN

TRANSACTION SETS USED IN
186 267

CODE	DEFINITION & EXPLANATION
A1	Alcohol
A2	Amphetamines
B1	Beer
B2	Barbiturates
B3	Benzedrine
C1	Cocktail
C2	Cannabis Sativa
C3	Cocaine
C4	Codeine
C5	Crack
C6	Chewing Tobacco
C7	Cigar
C8	Cigarette
D1	Dexedrine
H1	Hard Liquor
H2	Hallucinogens
H3	Hashish
H4	Heroin
H5	Hypnotics
L1	Lysergic Acid Diethylamide (LSD)
M1	Marijuana
M2	Mescaline
M3	Methadone
N1	Narcotics
N2	Nicotine Gum
N3	Nicotine Patch
O1	Opiates
O2	Other
P1	Phencyclidine (PCP)
P2	Peyote
P3	Phenobarb
P4	Potent Non-opiate Analgesics
P5	Pipe

S1 Seconal
S2 Sedatives
S3 Shot
S4 Stimulants
S5 Smokeless Tobacco
S6 Snuff
T1 Tranquilizers
T2 Tuinal
W1 Wine

1595 - Government Service Affiliation Code

Code specifying the government service affiliation TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
MPI

TRANSACTION SETS USED IN
186 267 270 271

CODE	DEFINITION & EXPLANATION
1	Foreign Army
2	Foreign Air Force
3	Foreign Marines
4	Foreign Navy
5	Office of the Secretary of Defense
A	Air Force
B	Air Force Reserves
C	Army
D	Army Reserves
E	Coast Guard
F	Marine Corps
G	Marine Corps Reserves
H	National Guard
I	Navy
J	Navy Reserves
K	Other
L	Peace Corp
M	Regular Armed Forces
N	Reserves
O	U.S. Public Health Service
Q	Foreign Military
R	American Red Cross
S	Department of Defense
U	United Services Organization
W	Military Sealift Command
X	National Oceanic and Atmospheric Administration
Y	Unknown

1596 - Military Service Rank Code

Code specifying the military service rank TYPE=**ID** MIN=**2** MAX=**6**

Code Sources

963

SEGMENTS USED IN (AS SIMPLE)

MPI

TRANSACTION SETS USED IN

186 267 270 271

1599 - Hazardous Vehicle Type Code

Code specifying the type of hazardous vehicle TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
TOV

TRANSACTION SETS USED IN
186 267

CODE	DEFINITION & EXPLANATION
A1	Aerial Application
A2	Aerial Application Converted
A3	Air Taxi
A4	Airplane
A5	Airship
A6	All Cargo Carrier
A7	Anti-submarine
A8	AttackAircraft
A9	Alcohol Fuel Dragster
AA	Alcohol Funny Car
AB	Acrobatic
B1	Bomber
B2	B Fuel Dragster
B3	Baby Grand StockCar
B4	Boat
B5	Banner Towing
B6	Bush Flying
C1	Certified Route Air Carrier (Passenger & Cargo)
C2	Commuter Air Carrier
C3	Corporate or Executive Aircraft
C4	Crop Duster
C5	Cargo or Transport Aircraft
C6	Cold Weather Aircraft
C7	Car
C8	Canoe
C9	Cartography
D1	Dirt Car
D2	Double-A Alcohol Dragster
D3	Double-A Altered Dragster
D4	Double-A Gas Dragster
D5	Double-B Funny Car
D6	Dragster
D7	Dune Buggy

D8 Demolition Derby
E1 Experimental Aircraft
E2 Early Warning or Electronic Aircraft
F1 Free Balloon
F2 Fighter Aircraft
F3 Formula 400 Auto
F4 Formula Atlantic Auto
F5 Formula Continental Auto
F6 Formula Ford Auto
F7 Formula One Auto
F8 Formula Super Vee Auto
F9 Flat Bottom Boat
FA Fire Fighting
FB Float Plane
G1 Glider
G2 Gyrocopter
G3 Gyroplane
G4 Go-cart
G5 Grand American StockCar
H1 Helicopter
H2 High Performance Aircraft
H3 Home Built Aircraft
H4 Hot Air Balloon
H5 Hobby StockCar
H6 Hydroplane
I1 Indy Car (Turbo-Charged Engine)
I2 Ice Boat
I3 Inboard Boat
J1 Jet Aircraft
J2 Jalopy StockCar
J3 Jet Car
J4 Jet Boat
K1 Kayak
L1 Lighter-than-air Balloon
L2 Late Model Sportsman Car
L3 Late Model StockCar
L4 Limited Sportsman StockCar
M1 Multiengine Land Aircraft
M2 Multiengine Sea Aircraft
M3 Missile Carrier Aircraft
M4 Midget Car
M5 Mini-stockCar
M6 Modified Gas Coupe or Sedan

M7 Modified StockCar
M8 Mini-boat
M9 Modified Outboard Boat
MA Modified Motorcycle
MB Motorcycle
MC Mod-stockSnowmobile
MD Modified Snowmobile
O1 Observation Aircraft
O2 Off Road Vehicle
O3 Outboard Boat
O4 Open Modified Snowmobile
P1 Paraplane
P2 Plane
P3 Prototype Aircraft
P4 Patrol Aircraft
P5 Drone Controller or Director Aircraft
P6 Professional Outboard Boat
R1 Radio Controlled Aircraft
R2 Reconnaissance Aircraft
R3 Runabout Boat
S1 Single Engine Land Aircraft
S2 Single Engine Sea Aircraft
S3 Supplemental Air Carrier
S4 Search and Rescue Aircraft
S5 Sand Buggy
S6 Sling-shot Dragster
S7 Sports Car
S8 Sprint Car
S9 StockCar
SA Street StockCar
SB Super StockCar
SC Super-charged Gas-burning Coupe or Sedan
SD StockDivision Motorcycle
SE Snowmobile
SF StockSnowmobile
SG Stunt
T1 Twin Engine Aircraft
T2 Tanker Aircraft
T3 Trainer Aircraft
T4 Tunnel Boat
U1 Ultralight Aircraft
U2 Utility Aircraft
U3 Unsuper-charged Gas-burning Altered Dragster

U4 Unsuper-charged Gas-burning Dragster
V1 Vintage Aircraft
V2 Vertical Takeoff Aircraft
V3 Vee-bottom Boat
W1 Weather Aircraft

1600 - Freight Rate Qualifier

Code identifying the Bill of Lading freight rate TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
AT3

TRANSACTION SETS USED IN
211 222

CODE	DEFINITION & EXPLANATION
CW	Per Hundred Weight
FR	Per Flat Rate
PE	Per Each Unit
PF	Per Cubic Foot
PG	Per Gallon
PM	Per Mile
PR	Per Hour
PT	Per Trailer
SY	Per Square Yard

1601 - Rated-as Qualifier

Code identifying the type of quantity on which the rate is based

TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)

AT3

TRANSACTION SETS USED IN

211 222

CODE	DEFINITION & EXPLANATION
AS	As Weight
BW	Bumped Weight
CF	Cubic Foot
DW	Deficit Weight
FR	Flat Rate
GA	Gallon
HR	Hours
HW	Hundred Weight
MI	Mile
SY	Square Yard
TR	Trailer
UN	Unit

1602 - Bill of Lading Charge Code

Code identifying the type of Bill of Lading charge TYPE=ID MIN=3 MAX=3

SEGMENTS USED IN (AS SIMPLE)
AT3

TRANSACTION SETS USED IN
211 222

CODE	DEFINITION & EXPLANATION
ADF	Advance Fee
ADV	Advance Amount
BLK	Blocking and Bracing Charge
COD	Cash on Delivery
COL	Fee for Collecting COD
DEL	Delivery Charge
DEP	Detention of Power Unit
DET	Detention of Trailer
DIB	Diversion and Reconsignment
DSC	Discount
EIC	Export and/or Import Charge
EXC	Exclusive Use Charge
FLT	Flat Charge
FSC	Fuel Surcharge
IDL	Inside Delivery
IPU	Inside Pickup
LDA	Loading Allowance
LDL	Unloading Allowance
MIL	Mileage Charge
MIN	Minimum Charge
MRK	Marking or Tagging Charge
MSG	Miscellaneous Charge
ONC	Order Notify Charge
PLA	Placement Charge
PWH	Pier Charges - Wharfage
REP	Residential Pickup
RES	Residential Delivery
SOC	Stop Charge
SPU	Single Pickup
SRG	Storage
SUF	Sufferance Warehouse
ZZZ	Mutually Defined

1603 - Route of Administration

Description of how the test substance was administered to the animals (e.g., diet, oral, gavage, dermal, etc.)

TYPE=**AN** MIN=**1** MAX=**20**

SEGMENTS USED IN (AS SIMPLE)

GDP

TRANSACTION SETS USED IN

249

1606 - Animal Disposition Code

Code identifying the disposition of an animal TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
ADI AOI

TRANSACTION SETS USED IN
249

CODE	DEFINITION & EXPLANATION
01	Cannibalized
02	Culled
03	Found Dead
04	Found Dead on Study
05	Interim Sacrifice
06	Terminal Sacrifice
07	Missing Animal
08	Accidental Kill
09	Unscheduled Sacrifice
10	Removed From Study
ZY	Other
ZZ	Mutually Defined

1607 - Test Type Code

Code identifying the type of test performed for which measured results will be reported

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

ARC ATR

TRANSACTION SETS USED IN

249

CODE	DEFINITION & EXPLANATION
01	Body Weight
02	Food Consumption
03	Liquid Consumption
04	Inhalation Concentration
05	Organ Weight
06	Clinical Chemistry
07	Hematology
08	Urinalysis
09	Urine Appearance
10	C-Section Parameters
11	Postpartum Parameters
12	Offspring Collective Litter Weight
13	Offspring Collective Male Weight(s)
14	Offspring Collective Female Weight(s)
15	Offspring Collective Unknown Weight(s)
16	Offspring Individual Male Weight
17	Offspring Individual Female Weight
18	Offspring Individual Unknown Weight
19	Behavior/Developmental Milestone
ZZ	Mutually Defined

1608 - Non-Numeric Test Value

Identifies a non-numeric value for a test result TYPE=**AN** MIN=**1** MAX=**30**

SEGMENTS USED IN (AS SIMPLE)

ATR

TRANSACTION SETS USED IN

249

1609 - Related Data Identification Code

Code identifying the nature of data related to an application edit error condition

TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

RED

TRANSACTION SETS USED IN

824

CODE	DEFINITION & EXPLANATION
00	Price List
01	Global Trade Item Number (GTIN)
02	Vendor's (Seller's) Item Number
AI	Assigned Identification
AN	Due to Number
DT	Date of Transaction
EI	Entity Identification (Primary)
ES	Entity Identification (Secondary)
IN	Invoice Number
LI	Location Identification
MA	Monetary Amount
MV	Measurement Value
PO	Purchase Order Number
PR	Pricing Specification
PS	Product or Service Identification
QY	Quantity
RP	Reference Identification (Primary)
RS	Reference Identification (Secondary)
RT	Rate
TT	Time of Transaction
TX	Tax Identification
UP	Unit Price
VV	Buyer's Item Number
DFI	Depository Financial Institution (DFI) Identification Number

1610 - International Dutiable Status Code

Code identifying the dutiable status of an international shipment TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
AT6

TRANSACTION SETS USED IN
215

CODE	DEFINITION & EXPLANATION
DO	Documents
LT	Letters
ND	Non-Documents
ZZ	Mutually Defined

1611 - Observation Type Code

Code identifying the type of observation made for which results will be reported

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

AOL ARC

TRANSACTION SETS USED IN

249

CODE	DEFINITION & EXPLANATION
01	Histopath
02	Grosspath
03	Clinical Observation
04	Ophthalmic
05	Physical
06	Cage Side
07	External
08	Visceral
09	Skeletal
10	Coronal
ZZ	Mutually Defined

1612 - Tissue or Specimen Disposition Code

Code identifying the disposition or condition of a tissue or specimen when it was collected

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

AOL

TRANSACTION SETS USED IN

249

CODE	DEFINITION & EXPLANATION
A	Abnormal
I	Incomplete Tissue Section
M	Missing
N	Normal
U	Autolytic

1614 - Sub-Location

Sub-location qualifying a previously reported location TYPE=**AN** MIN=**1** MAX=**24**

SEGMENTS USED IN (AS SIMPLE)

AOL

TRANSACTION SETS USED IN

249

1615 - Observation Distribution

Identifies the distribution of an observation TYPE=**AN** MIN=**1** MAX=**16**

SEGMENTS USED IN (AS SIMPLE)

AOR

TRANSACTION SETS USED IN

249

1616 - Observation Severity

A grading that describes the severity of the observation TYPE=**AN** MIN=**1** MAX=**17**

SEGMENTS USED IN (AS SIMPLE)

AOR

TRANSACTION SETS USED IN

249

1617 - Neoplasm Code

Code identifying the description of a tumorous lesion TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
AOR

TRANSACTION SETS USED IN
249

CODE	DEFINITION & EXPLANATION
B	Benign
M	Malignant
S	Secondary
U	Unspecified or Undefined

1618 - Linkage Identifier

Identifies a correlation between observations

TYPE=**AN** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

AOR

TRANSACTION SETS USED IN

249

1619 - Parturition Status Code

Code identifying a parturition or birth delivery status

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

ADT

TRANSACTION SETS USED IN

249

CODE	DEFINITION & EXPLANATION
A	Aborted
D	Delivered
I	Incomplete

1620 - Offspring Count Code

Code indicating the type of offspring count collected for a specific animal TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
AOC

TRANSACTION SETS USED IN
249

CODE	DEFINITION & EXPLANATION
01	Total Offspring
02	Males Born Alive
03	Males Born Dead
04	Females Born Alive
05	Females Born Dead
06	Unsexables Born Alive
07	Unsexables Born Dead
08	Non-sexed Born Alive
09	Non-sexed Born Dead
10	Live Male Offspring
11	Dead Male Offspring
12	Live Female Offspring
13	Dead Female Offspring
14	Missing Male Offspring
15	Missing Female Offspring
16	Cannibalized Male Offspring
17	Cannibalized Female Offspring
18	Sacrificed Male Offspring
19	Sacrificed Female Offspring
20	Culled Male Offspring
21	Culled Female Offspring
ZZ	Mutually Defined

1621 - Security Version/Release Identifier Code

Code indicating the version/release of the ASC X12 standard that is being used for this specific security structure. The version/release identified for this segment also applies to any corresponding trailer or security value segment. This version/release is independent of any other version/release identified in another security segment at the transaction set or functional group level. This version/release is independent of the version/release identified at the interchange or functional group level

TYPE=**ID** MIN=**6** MAX=**6**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

S3A S3S S4A S4S

TRANSACTION SETS USED IN

993

CODE	DEFINITION & EXPLANATION
004010	Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997
004020	Standards Approved for Publication by ASC X12 Procedures Review Board through October 1998

1622 - Offspring/Fetus Status Code

Code indicating the offspring/fetus status

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

AOI

TRANSACTION SETS USED IN

249

CODE	DEFINITION & EXPLANATION
01	Live
02	Dead
03	Resorped
04	Early Resorption
05	Middle Resorption
06	Late Resorption
ZY	Other
ZZ	Mutually Defined

1626 - Interest Rate Calculation Method Code

Code identifying the type of method used to calculate the interest rate TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
MNC

TRANSACTION SETS USED IN
205

CODE	DEFINITION & EXPLANATION
1	Simple
2	Daily Simple
3	Rule of 78s

1627 - Underwriting Method Code

Code identifying the method of underwriting TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

UWI

TRANSACTION SETS USED IN

202

CODE	DEFINITION & EXPLANATION
A	Automated
T	Traditional

1629 - Information Request Result Code

Code identifying the type of results obtained from interview requests TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
ITC

TRANSACTION SETS USED IN
155

CODE	DEFINITION & EXPLANATION
A	Absent
B	Confirmed
C	Declined
D	Deferred
E	Indicated
F	Other
G	Referred
H	Stated
I	Stated Inability to Provide
J	Submitted
K	Could not Confirm
L	Contact Unsuccessful
M	Investigation Revealed
Z	Mutually Defined

1630 - Thoroughfare Type Qualifier

Code specifying thoroughfare TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
LOD

TRANSACTION SETS USED IN
155 284

CODE	DEFINITION & EXPLANATION
1	One Way
2	Secondary
3	Alternate
4	Business
5	Divided with Barrier
6	Divided without Barrier
7	Government
8	Limited Access
9	Municipal
A	District
B	Gravel
C	Interdistrict
D	Dirt
E	Dead End
F	Interstate
G	Lake Side
H	Paved
I	Rural
J	State
K	National
L	Private
M	Main
N	Scenic
O	Suburban
P	Toll
Q	Major
R	Minor
S	Side
T	Local
U	Undivided
V	Service
W	Well Traveled
X	Hillside

Z Mutually Defined

1631 - Thoroughfare Type Code

Code identifying type of thoroughfare TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
LOD

TRANSACTION SETS USED IN
155 284

CODE	DEFINITION & EXPLANATION
A	Alley
B	Avenue
C	Cul de Sac
D	Collector
E	Connector
F	Driveway
G	Off Ramp
H	Highway
I	Other Unlisted Type
J	On Ramp
K	Arterial
L	Lane
M	Boulevard
N	Square
R	Road
S	Street
Z	Mutually Defined

1632 - General Territory Code

Code identifying a general location or territory TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
LOD TER

TRANSACTION SETS USED IN
155 284

CODE	DEFINITION & EXPLANATION
0	Balkans
1	Europe
2	Hotel Zone
3	Mediterranean
4	North Africa
5	Pacific
6	South East Asia
7	Southern Africa
8	Urban Area
9	Asia/Pacific
A	Industrial Area
B	Market
C	Residential Area
D	Suburban Area
E	Rural Area
F	Central Business Area
G	North America
H	State or Province
I	International
J	Africa
K	Americas
L	Local
M	Metropolitan Area
N	National
O	Archeological Zone
P	Asia
Q	Atlantic
R	Regional
S	Shopping Center
T	Benelux
U	Caribbean
V	Central America
W	Central Asia

X Commercial Zone
Y Eastern Europe
Z Mutually Defined
11 Baltics
12 Commonwealth of Independent States (CIS)
Former Soviet Union States
13 European Community
14 Far East
15 Former Communist Countries
16 Gulf of Mexico Region
17 Harbor Area
18 Latin America
19 Middle East
20 Near East
21 New Zealand and Australia Region
22 Newly Industrialized Economies (NIES) Countries
23 Non-Commercial Area
24 Northern Europe
25 Oceania
26 Unknown
27 Scandinavia
28 South America
29 Agricultural Area
30 Undeveloped Area
31 Western Europe
32 Worldwide
33 Western Hemisphere
34 Mercosul
Trading arrangement of countries in South America, including Brazil, Argentina and Chile
35 Free-trade Zone
36 Border Countries
37 Interior
38 North East Asia
39 East Asia
40 East Africa
41 West Africa
42 ASEAN (Association of Southeast Asian Nations)
43 North Pacific

1633 - Financial Statement Format Code

Code identifying financial statement format TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
ITC

TRANSACTION SETS USED IN
155

CODE	DEFINITION & EXPLANATION
A	European Economic Community National 20 *Abbreviated Balance Sheet filed in Europe under certain conditions*
E	European Economic Community Version 1994
G	System 30 Accounts *European balance sheet format version*
H	System 40 Accounts *European balance sheet format version*
Z	Mutually Defined

1634 - Business Professional Title Code

Code identifying title of an individual within a business TYPE=ID MIN=1 MAX=3

Code Sources
518

SEGMENTS USED IN (AS SIMPLE)
TPB

TRANSACTION SETS USED IN
105 113 148 155 179 274

CODE	DEFINITION & EXPLANATION
1	Accountant
2	Accounting Manager
3	Administrative Assistant
4	Administrator
5	Assistant Secretary
6	Assistant Treasurer
7	Assistant Vice President
8	Associate
9	Attorney
A	Auditor
B	Bookkeeper
C	Branch Manager
D	Cashier
E	Certified Public Accountant
F	Chairman
G	Chairman of the Board
H	Chairman of the Board of Directors
I	Chief Executive Officer
J	Chief Financial Officer
K	Chief Operating Officer
L	Clerk
M	Commercial Manager
N	Comptroller
O	Controller
P	Credit Manager
Q	EDP Manager
R	Director
S	Executive Director
T	Executive Secretary
U	Executive Vice President
V	General Controller

W General Counsel
X General Manager
Y General Partner
Z Mutually Defined
1A General Secretary
1B Group Executive
1C Group Controller
1D Limited Partner
1E Manager
1F Managing Director
1G Managing Partner
1H Marketing Manager
1J Member of the Board
1K Member of the Board of Directors
1L Merchant Banker
1M Office Manager
1N Official Liquidator
1O Other Title
1P Owner
1Q Partner
1R Personnel Manager
1S President
1T Proprietor
1U Purchasing Manager
1V Registrar
1W Sales Director
1X Sales Manager
1Y Secretary
1Z Secretary of the Board of Directors
2A Secretary-Treasurer
2B Senior Vice President
2C Sole Director
2D Spokesperson
2E Treasurer
2F Unlimited Partner
2G Vice Chairman of the Board
2H Vice President
2I Advertising Manager
2J Alternate Director
2K Commercial Director
2L Company Secretary
2M Delegated Manager
2N Deputy General Manager

2O Export Manager
2P Financial Director
2Q Marketing Director
2R Operations Manager
2S Personnel Director
2T Production Manager
2U Referee
2V Sole Administrator
2W Technical Director
2X Trustee
3A Ancillary
3B Consultant
3C Examiner
3D Instructor
3E PCP/Gatekeeper
3F Researcher
3G Specialist
3H Vendor
3I Chief Electoral Officer
3J Co-Chairperson
3K Commissioner
3L Government Agent
3M Notary
3N Principal Member
3O Principal Officer
3P Solicitor
3Q Sponsor

1635 - General Property Ownership Code

Code specifying general extent of property ownership TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
ASO

TRANSACTION SETS USED IN
155

CODE	DEFINITION & EXPLANATION
A	All
B	Balance
C	Nominal Interest
D	Controlling Interest
E	Partial
F	Surplus
J	Majority Share
L	Leased
M	Minority Share
S	Specified
U	Unknown
Z	Mutually Defined

1636 - Account Relationship Code

Code indicating relationship or type of account an entity maintains with a vendor or financial institution

TYPE=ID MIN=1 MAX=2

COMPOSITE DATA STRUCTURES USED IN
C062

SEGMENTS USED IN (AS COMPONENT)
FSA

SEGMENTS USED IN (AS SIMPLE)
ACD

TRANSACTION SETS USED IN
155 834

CODE	DEFINITION & EXPLANATION
1	Checking Account
2	Investment Account
3	Liquid Assets Account
4	Master Account
5	Open Line of Credit
6	Special Account
A	Borrowing Account
B	Borrowing Account with Established Credit Line
C	Certificate of Deposit
D	Checking
E	Commercial Loan
F	Credit Line
G	Demand Loan
H	Discount Note
I	Floor Plan
J	Installment Loan
L	Mortgage
M	Negotiable Order on Withdrawal (NOW) Account *Interest bearing checking account*
N	Savings
O	Time Deposit
P	Time Loan
Q	Various
R	Account Maintained
S	Non-Borrowing Account
T	Not Primary Account
U	Primary Account
Z	Mutually Defined
FS	Flexible Spending Account

HR Health Reimbursement Account
HS Health Savings Account

1637 - Net/Gross Code

Code indicating whether monetary values are net or gross TYPE=ID MIN=1 MAX=1

COMPOSITE DATA STRUCTURES USED IN
C007

SEGMENTS USED IN (AS COMPONENT)
AWD ASO

TRANSACTION SETS USED IN
113 155 259 814

CODE	DEFINITION & EXPLANATION
G	Gross
N	Net

1638 - Value Detail Code

Code identifying extent of an amount or quantity TYPE=ID MIN=1 MAX=1

COMPOSITE DATA STRUCTURES USED IN
C007

SEGMENTS USED IN (AS COMPONENT)
AWD ASO

TRANSACTION SETS USED IN
113 155 259 814

CODE	DEFINITION & EXPLANATION
1	Additional
2	Cumulative
3	Current
4	Original or Initial
5	Other
6	Prior
7	Summarized
8	Total
9	Earliest
A	Change
B	Decrease
C	Final
D	Consolidated
E	Partial Period
F	Accumulated
G	Accrual Basis
H	Charged
I	Excess
J	Future
K	Given
L	Incurred
M	Itemized
N	On Hand
O	Outstanding
P	Paid
Q	Payable
R	Received
S	Unitemized
T	Last Known
Z	Mutually Defined

1642 - Cryptographic Management Purpose Code

Code identifying the stated business purpose for exchanging public key on certificate information with a trading partner

TYPE=**ID** MIN=**3** MAX=**3**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

CSC

TRANSACTION SETS USED IN

815

CODE	DEFINITION & EXPLANATION
CCP	X509 Certificate Compromised
CER	X509 Certification Request
CEX	X509 Certificate Extension
CKL	X.509 Compromised Key List
CRL	X.509 Certificate Revocation List
CRQ	X509 Certificate Request
CRT	X509 Certificate
CRV	X509 Certificate Revocation
CSR	X509 Certificate Status Request
PUB	Public Key

1644 - Service Request Code

Code indicating the type of logistics service requested TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
B9A

TRANSACTION SETS USED IN
219 220

CODE	DEFINITION & EXPLANATION
CD	Carrier Turn Down
CO	Consolidation
CS	Carrier Selection
CT	Contracted Services
FA	Freight Allocation
FP	Freight Payment
RE	Rate Estimate
ST	Secure Transport

1650 - Shipment Status Indicator Code

Code indicating the status of a shipment TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
AT7

TRANSACTION SETS USED IN
212 214 240

CODE	DEFINITION & EXPLANATION
A1	Estimated to Arrive for Pick-up
A3	Shipment Returned to Shipper
A7	Refused by Consignee
A9	Shipment Damaged
AF	Carrier Departed Pickup Location with Shipment
AG	Estimated Delivery
AH	Attempted Delivery
AI	Shipment has been Reconsigned
AJ	Tendered for Delivery
AL	Shipment Conveyance Loaded to Rail Car
AM	Loaded on Truck
AN	Diverted to Air Carrier
AP	Delivery Not Completed
AR	Rail Arrival at Destination Intermodal Ramp
AV	Available for Delivery
AW	Shipment Available for Pick-up
B6	Estimated to Arrive at Carrier Terminal
BA	Connecting Line or Cartage Pickup
BC	Storage in Transit
BF	Booking Confirmed
BO	Shipment Conveyance Reported Bad Order
BR	Shipment Conveyance Released From Bad Order
C1	Estimated to Depart Terminal Location
C2	Delivered Empty
C3	Picked-up Empty
CA	Shipment Cancelled
CB	Completed Shipment *The final part of a partial shipment was delivered to the customer*
CD	Carrier Departed Delivery Location
CL	Trailer Closed Out
CP	Completed Loading at Pickup Location
D1	Completed Unloading at Delivery Location
D2	Partial Unload

DE Last Free Day without Demurrage for Shipment
The date of the last day that the shipment will be available for pick-up without demurrage charges

DO Shipment Delivery Order Received
Carrier has received the delivery order from the party responsible for notifying the carrier that the shipment and or container is available for pick-up at the pier

DP Dropped Off for Carrier Pick Up

I1 In-Gate

J1 Delivered to Connecting Line

K1 Arrived at Customs

K2 Customs Released

L1 Loading

LC Shipment Container Loaded to Chassis

NB Shipment Conveyance Received Without Paperwork

OA Out-Gate

OO Paperwork Received - Did not Receive Shipment or Equipment

OP All Paperwork has been Provided to Consignee

P1 Departed Terminal Location

PA Partial Shipment
Only a portion of the handling units for the shipment was delivered to the customer

PD Last Free Day without Per Diem for Shipment
The date of the last day that the shipment is available without a per diem charge

PR U.S. Customs and Border Protection (CBP) Hold at In-Bond Location

PS Rail Passing (Run-Through)

PU Pickup Attempted

R1 Received from Prior Carrier

RA Carrier Arrived at Rail Ramp

RD Carrier Departed Rail Ramp

RH Shipment Conveyance Released from Hold

RL Rail Departure from Origin Intermodal Ramp

S1 Trailer Spotted at Consignee's Location

SD Shipment Delayed

SN Shipment Not Picked Up By Carrier

UC Shipment Container Unloaded from Chassis

UR Shipment Conveyance Unloaded From Rail Car

X1 Arrived at Delivery Location

X2 Estimated Date and/or Time of Arrival at Consignee's Location

X3 Arrived at Pickup Location

X4 Arrived at Terminal Location

X5 Arrived at Delivery Location Loading Dock

X6 En Route to Delivery Location

X8 Arrived at Pickup Location Loading Dock

X9 Arrived at Carrier's Warehouse
The date that the freight arrived at the a warehouse owned by a carrier

XB Shipment Acknowledged

Y1 Arrived at the Multiple Country Consolidation (MCC) Hub
Y2 Departed from the Multiple Country Consolidation (MCC) Hub

1651 - Shipment Status or Appointment Reason Code

Code indicating the reason a shipment status or appointment reason was transmitted

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

AT7

TRANSACTION SETS USED IN

212 214 240

CODE	DEFINITION & EXPLANATION
A1	Missed Delivery
A2	Incorrect Address
A3	Indirect Delivery
A5	Unable to Locate
A6	Address Corrected - Delivery Attempted
AA	Mis-sort
AD	Customer Requested Future Delivery
AE	Restricted Articles Unacceptable
AF	Accident
AG	Consignee Related
AH	Driver Related
AI	Mechanical Breakdown
AJ	Other Carrier Related
AK	Damaged, Rewrapped in Hub
AL	Previous Stop
AM	Shipper Related
AN	Holiday - Closed
AO	Weather or Natural Disaster Related
AP	Awaiting Export
AQ	Recipient Unavailable - Delivery Delayed
AR	Improper International Paperwork
AS	Hold Due to Customs Documentation Problems
AT	Unable to Contact Recipient for Broker Information
AU	Civil Event Related Delay
AV	Exceeds Service Limitations
AW	Past Cut-off Time
AX	Insufficient Pickup Time
AY	Missed Pickup
AZ	Alternate Carrier Delivered
B1	Consignee Closed
B2	Trap for Customer
B4	Held for Payment
B5	Held for Consignee

B8 Improper Unloading Facility or Equipment
B9 Receiving Time Restricted
BB Held per Shipper
BC Missing Documents
BD Border Clearance
BE Road Conditions
BF Carrier Keying Error
BG Other
BH Insufficient Time to Complete Delivery
BI Cartage Agent
BJ Customer Wanted Earlier Delivery
BK Prearranged Appointment
BL Held for Protective Service
BM Flatcar Shortage
BN Failed to Release Billing
BO Railroad Failed to Meet Schedule
BP Load Shifted
BQ Shipment Overweight
BR Train Derailment
BS Refused by Customer
BT Returned to Shipper
C1 Waiting for Customer Pickup
C2 Credit Hold
C3 Suspended at Customer Request
C4 Customer Vacation
C5 Customer Strike
C6 Waiting Shipping Instructions
C7 Waiting for Customer Specified Carrier
C8 Collect on Delivery Required
C9 Cash Not Available From Consignee
CA Customs (Import or Export)
CB No Requested Arrival Date Provided by Shipper
CC No Requested Arrival Time Provided by Shipper
CS Customer Cancelled Shipment
D1 Carrier Dispatch Error
D2 Driver Not Available
DU Duplicate Pickup Request
F1 Non-Express Clearance Delay
F2 International Non-carrier Delay
HB Held Pending Appointment
LG Lift Gate Required, Not Requested
MP Missed Pickup - Carrier Was Provided Incorrect Closing Time
MQ Missed Pickup - Dispatcher Error

MR Missed Pickup - Pickup Request Arrived Too Late
MS Missed Pickup - Driver Error
NF No Freight Available At Time Of Pickup
P1 Processing Delay
P2 Waiting Inspection
P3 Production Falldown
P4 Held for Full Carrier Load
RC Reconsigned
S1 Delivery Shortage
SD Shipper Delivered Shipment To Carrier Dock
SI Shipper Not Informed of Pickup
SN Shipment Not Ready
SR Shipment Rescheduled For A Different Date and or Time
T1 Tractor With Sleeper Car Not Available
T2 Tractor, Conventional, Not Available
T3 Trailer not Available
T4 Trailer Not Usable Due to Prior Product
T5 Trailer Class Not Available
T6 Trailer Volume Not Available
T7 Insufficient Delivery Time
UA Service Upgrade - Consignee Request
UB Service Upgrade - Shipper Request
UC Updated Address - Consignee Request
UD Updated Address - Shipper Request
UE Unable to Process Service Upgrade
UF Unable to Process Updated Address
UG Driver Waiting to Pick Up
UH Driver Waiting to Unload
UI Lift Gate Required for Pickup
UJ Lift Gate Required for Delivery
UK Shipment Removed from Hold - Out for Delivery

1652 - Shipment Appointment Status Code

Code indicating the status of an appointment to pickup or deliver a shipment

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

AT7

TRANSACTION SETS USED IN

212 214 240

CODE	DEFINITION & EXPLANATION
AA	Pickup Appointment Date and/or Time
AB	Delivery Appointment Date and/or Time
AC	Estimated Delivery Appointment Date and/or Time
ED	Deliver No Earlier Than Date and/or Time
EP	Pickup No Earlier Than Date and/or Time
LD	Deliver No Later Than Date and/or Time
LP	Pickup No Later Than Date and/or Time
X9	Delivery Appointment Secured on This Date and/or Time
XA	Pickup Appointment Secured on This Date and/or Time

1654 - Longitude Code

Code indicating the longitude in degrees, minutes, and seconds in format "DDDMMSS" or "DDDMMSS.SS".

TYPE=**ID** MIN=**7** MAX=**10**

Code Sources

559

SEGMENTS USED IN (AS SIMPLE)

MS1 PPA

TRANSACTION SETS USED IN

112 133 158 212 214 620 625 811 838

1655 - Latitude Code

Code indicating the latitude in degrees, minutes, and seconds in format "DDDMMSS" or "DDDMMSS.SS"

TYPE=**ID** MIN=**7** MAX=**10**

Code Sources

559

SEGMENTS USED IN (AS SIMPLE)

MS1 PPA

TRANSACTION SETS USED IN

112 133 158 212 214 620 625 811 838

1656 - Premium Rate Pattern Code

Code identifying the relative pattern of Mortgage Insurance premium rates charged over the life of the coverage

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

MIC

TRANSACTION SETS USED IN

263 872

CODE	DEFINITION & EXPLANATION
A	Back Loaded *Premium rate charged at inception is lower than subsequent recurring premium rates*
B	Front Loaded *Premium rate charged at inception is greater than subsequent recurring premium rates*
C	Level *Premium rate charged at inception and subsequent recurring premium rates are the same unless otherwise modified*
D	Modified front loaded *The premium rate charged at inception and some subsequent premium rates are higher than the following recurring premium rates*

1657 - Premium Source Entity Code

Code identifying the entity or entities responsible for payment of the premium

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

MIC

TRANSACTION SETS USED IN

263 872

CODE	DEFINITION & EXPLANATION
A	Borrower
B	Lender
C	Both the Borrower and Lender

1658 - Shipment or Work Assignment Decline Reason Code

Code indicating the reason for declining a shipment or work assignment TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

B1 SCP

TRANSACTION SETS USED IN

215 225 300 301 303 990

CODE	DEFINITION & EXPLANATION
CPT	Capacity Type
CPU	Capacity Unavailable
DEC	Demand Exceeds Commitment (Surge)
EQT	Equipment Type
EQU	Equipment Unavailable
LNH	Length of Haul
NCL	Not Committed Lane
PRM	Permits
TES	Transit Time Exceeds Service Level Request
WGT	Weight

1661 - Mileage Source Code

Code identifying the source of the mileage TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

309

SEGMENTS USED IN (AS SIMPLE)

MI1

TRANSACTION SETS USED IN

106 107

1662 - Rate Request ID

Identification number assigned by the original rate requestor that uniquely identifies the rate request from the request to the carrier to the final award; it is not subject to modification and does not contain blanks or other special characters

TYPE=**N0** MIN=**1** MAX=**9**

SEGMENTS USED IN (AS SIMPLE)

CA1

TRANSACTION SETS USED IN

106 107 108

1663 - Rate Response Suffix

Suffix number assigned by the carrier to the original rate request identification number

TYPE=**N0** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CA1

TRANSACTION SETS USED IN

106 107 108

1664 - Lane Ranking

Number indicating the rankof the carrier's rate proposal compared to the rate proposals of the other carriers

TYPE=**R** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

LC1

TRANSACTION SETS USED IN

106 108

1675 - Look-up Value Protocol Code

Code specifying the protocol used to identify a certificate TYPE=ID MIN=2 MAX=2

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

COMPOSITE DATA STRUCTURES USED IN
C050

SEGMENTS USED IN (AS COMPONENT)
CSC S3A S3S S4A S4S

TRANSACTION SETS USED IN
815 993

CODE	DEFINITION & EXPLANATION
AA	X509 Issuer Distinguished Name
AB	X509 Subject Distinguished Name
AC	X509 Certificate Serial Number
ZZ	Mutually Defined

1678 - Insurer Guarantor Type Code

Code indicating the insurer or guarantor of a mortgage note TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
IGI

TRANSACTION SETS USED IN
202

CODE	DEFINITION & EXPLANATION
A	City Government
C	Credit Insurer
F	Federal Government
N	None
P	Private Mortgage Insurance
S	State Government
Z	Mutually Defined

1679 - Insurer Coverage Indicator Code

Code indicating how the mortgage insurance premium is paid TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
IGI

TRANSACTION SETS USED IN
202

CODE	DEFINITION & EXPLANATION
A	Borrower and Lender Paid
B	Borrower Paid
L	Lender Paid

1680 - Refinance Type Code

Code specifying a type of refinance

TYPE=**ID** MIN=**2** MAX=**2**

COMPOSITE DATA STRUCTURES USED IN

C048

SEGMENTS USED IN (AS COMPONENT)

LRQ LUC

TRANSACTION SETS USED IN

199 201 202 265 833 872

CODE	DEFINITION & EXPLANATION
AA	Cash Out
AB	No Cash Out
AC	Limited Cash Out

1681 - Primary Source of Index Code

Code identifying the source of the index value used for adjustable rate mortgage changes

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CDI

TRANSACTION SETS USED IN

205 872

CODE	DEFINITION & EXPLANATION
01	Wall Street Journal
02	Department of Treasury Public Debt News
03	Fannie Mae (Federal National Mortgage Association)
04	Federal Home Loan Bank Board 11th District San Francisco
05	Federal Home Loan Bank Board 1st District Boston
06	Federal Home Loan Bank Board 2nd District New York
07	Federal Home Loan Bank Board 4th District Atlanta
08	Federal Home Loan Bank Board 4th District New York
09	Federal Housing Finance Board
10	Federal Reserve Bank of New York
11	Federal Reserve Statistical Release G.13
12	Federal Reserve Statistical Release H.15
13	Freddie Mac (Federal Home Loan Mortgage Corporation)
14	Office of Thrift Supervision
15	Reuter's Wire Service
16	Telerate

1684 - Attendance Type Code

Code specifying the type of attendance information being reported TYPE=**ID** MIN=**1** MAX=**4**

Code Sources

577

SEGMENTS USED IN (AS SIMPLE)

ATN

TRANSACTION SETS USED IN

820

1685 - Tax Treatment Code

Code specifying whether a deduction should have pre- or post-tax status TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

AIN PYD

TRANSACTION SETS USED IN

132 148 198 200 201 202 206 248 262 820 823 833 834

CODE	DEFINITION & EXPLANATION
A	Post-tax Status
B	Pre-tax Status
N	Non-Taxed Status

1686 - Repeating Data Element Position

To identify the specific repetition of a data element that is in error TYPE=**N0** MIN=**1** MAX=**4**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

COMPOSITE DATA STRUCTURES USED IN

C030

SEGMENTS USED IN (AS COMPONENT)

AK4 CTX IK4 TED

TRANSACTION SETS USED IN

824 997 999

1687 - Earnings Rate of Pay

To specify rate of pay

TYPE=**R** MIN=**1** MAX=**15**

SEGMENTS USED IN (AS SIMPLE)

AIN

TRANSACTION SETS USED IN

132 148 198 200 201 202 206 248 262 820 823 833 834

1688 - Deduction Type Code

Code indicating the type of deduction being reported TYPE=**ID** MIN=**1** MAX=**4**

Code Sources

577

SEGMENTS USED IN (AS SIMPLE)

PYD

TRANSACTION SETS USED IN

820

1690 - Associated Object Reference Identification

Reference assigned by the application to uniquely identify an object TYPE=**AN** MIN=**1** MAX=**36**

SEGMENTS USED IN (AS SIMPLE)

ORI

TRANSACTION SETS USED IN

102

1691 - Object Type Qualifier

Code identifying type of object

TYPE=**ID** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

OOI

TRANSACTION SETS USED IN

102 179 271 274 275 824

CODE	DEFINITION & EXPLANATION
1	Computer Environment Type
2	Computer Environment Version
3	Computer Environment Release
4	Computer Environment Status
5	Computer Environment Name
6	Non-ASC X12 Security Level Code
7	Non-ASC X12 Security Version
8	Non-ASC X12 Security Release
9	Non-ASC X12 Security Technique
10	Non-ASC X12 Security Free Text Information
11	File Identification By Number
12	File Identification By Name
13	File Format
14	File Version
15	File Release
16	File Status
17	File Size
18	File Description
19	File Block Type
20	File Block Length
21	File Record Length
22	Program Identification By Number
23	Program Identification By Name
24	Program Type
25	Program Version
26	Program Release
27	Program Status
28	Program Description
29	Program Size
35	Compression Technique Identification
36	Compression Technique Version
37	Compression Technique Release
38	Drawing Identification By Name

39 Drawing Identification By Number
40 Drawing Type
41 Drawing Format
42 Drawing Version
43 Drawing Release
44 Drawing Status
45 Drawing Size
46 Drawing Description
47 External Standard Requirement
48 Character Set Repertoire Identification
49 Character Set Encoding Technique
50 Character Set Encoding Technique Code Page
51 Certificate Type
52 Certificate Version
53 Certificate Release
54 Certificate Status
55 Certificate Level
56 Certificate Identification By Name
57 Certificate Identification By Number
58 Certificate Format
59 Certificate Code Page

1692 - Object Attribute Identification

Identification of the attribute applying to the object type TYPE=**AN** MIN=**1** MAX=**256**

SEGMENTS USED IN (AS SIMPLE)
OOI

TRANSACTION SETS USED IN
102 179 271 274 275 824

1693 - Controlling Agency Code

Code identifying the organization controlling the object specification TYPE=ID MIN=1 MAX=3

SEGMENTS USED IN (AS SIMPLE)
OOI

TRANSACTION SETS USED IN
102 179 271 274 275 824

CODE	DEFINITION & EXPLANATION
1	American National Standards Institute (ANSI) Accredited Standards Committee (ASC) X12

1694 - Object Identification Group

To link related object identifications

TYPE=**AN** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

OOI

TRANSACTION SETS USED IN

102 179 271 274 275 824

1698 - Settlement Type Code

Code identifying the circumstance or extent or manner in which a settlement is made

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CFI

TRANSACTION SETS USED IN

148

CODE	DEFINITION & EXPLANATION
A	Full Settlement
B	Partial Settlement
C	Disputed Settlement

1699 - Pallet Structure Code

Code identifying the pallet structure

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

PAL

TRANSACTION SETS USED IN

304 754 832 850 852 856 857 860 888 897 940 944 945

CODE	DEFINITION & EXPLANATION
A	Mixed Pallet (Multi-sku Pallet with Pre-assigned U.P.C.)
B	Display Pallet (Multi-sku Pallet for Display with Pre-assigned U.P .C.)
C	Picked Pallet (Multi-sku Pallet without Pre-assigned U.P.C.)

1700 - Transformed Data

Binary or filtered data having one or more security policy options applied; transformed data may represent compressed, encrypted, or compressed and encrypted plaintext

TYPE=**B** MIN=**1** MAX=**9999999999999999**

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

S3S **S4S**

TRANSACTION SETS USED IN

None

1701 - Eligibility Reason Code

Code specifying reason for eligibility

TYPE=**ID** MIN=**1** MAX=**1**

COMPOSITE DATA STRUCTURES USED IN

C052

SEGMENTS USED IN (AS COMPONENT)

INS

TRANSACTION SETS USED IN

270 271 278 820 834

CODE	DEFINITION & EXPLANATION
0	Age
1	Disability
2	End Stage Renal Disease (ESRD)

1702 - Postal Code-Formatted

A postal code value including punctuation, blanks and other characters as defined by the postal authority

TYPE=**AN** MIN=**3** MAX=**20**

SEGMENTS USED IN (AS SIMPLE)

N4 TAR

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 110 111 112 113 120 124 128 130 132 133 135 138 140 141 142 143 144 146 147 148 149 150 152 153 154 155 157 159 163 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 227 228 240 245 248 249 250 251 252 255 256 259 260 261 262 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310 311 312 317 322 325 355 358 359 404 410 412 417 418 421 422 423 424 426 431 434 455 456 460 470 490 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822 823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 869 870 873 874 875 876 878 879 880 881 882 885 887 888 889 890 892 893 896 897 920 940 943 944 945 947

1703 - Commodity Characteristic Codes

Code identifying a commodity characteristic TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
TEM

TRANSACTION SETS USED IN
216

CODE	DEFINITION & EXPLANATION
FS	Foodstuff
FZ	Freezable
HZ	Hazardous Material
PN	Poisonous
RF	Refrigerated

1704 - Length of Initialization Vector

Value indicating the length of the initialization vector contained TYPE=**N** MIN=**1** MAX=**3**

COMPOSITE DATA STRUCTURES USED IN
C032

SEGMENTS USED IN (AS COMPONENT)
S3S S4S

TRANSACTION SETS USED IN
None

1705 - Implementation Convention Reference

Reference assigned to identify Implementation Convention TYPE=**AN** MIN=**1** MAX=**35**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

COMPOSITE DATA STRUCTURES USED IN

C053

SEGMENTS USED IN (AS COMPONENT)

TXN

SEGMENTS USED IN (AS SIMPLE)

AK2 ST

TRANSACTION SETS USED IN

100 101 102 103 104 105 106 107 108 109 110 111 112 113 120 121 124 125 126 127 128 129 130 131 132 133 135 138 139 140 141 142 143 144 146 147 148 149 150 151 152 153 154 155 157 158 159 160 161 163 170 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 224 225 227 228 240 242 244 245 248 249 250 251 252 255 256 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 303 304 309 310 311 312 313 315 317 319 322 323 324 325 326 350 352 353 354 355 356 357 358 359 361 362 404 410 412 414 417 418 419 420 421 422 423 424 425 426 429 431 432 433 434 435 436 437 440 451 452 453 455 456 460 463 466 468 470 475 485 486 490 492 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 753 754 805 806 810 811 812 813 814 815 816 818 819 820 821 822 823 824 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 920 924 925 926 928 940 943 944 945 947 980 990 993 996 997 998 999

1706 - Real Estate Sales Price Change Code

Code identifying the type of real estate sales price change

TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)

RES

TRANSACTION SETS USED IN

201 872

CODE	DEFINITION & EXPLANATION
A	Down Payment
B	Credit
C	Closing Costs
D	Secondary Lien
E	Other
Z	Mutually Defined

1707 - Electronic Form Standards Identifier

The coded identification of the applicable electronic business transaction

TYPE=**AN** MIN=**1** MAX=**15**

COMPOSITE DATA STRUCTURES USED IN

C053

SEGMENTS USED IN (AS COMPONENT)

TXN

TRANSACTION SETS USED IN

838

1713 - Guarantee Amount Reduction Code

Code indicating method used to determine reduction of loan certification amount

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

GR

TRANSACTION SETS USED IN

135 139 144 191

CODE	DEFINITION & EXPLANATION
01	No Reduction Made; Requested Loan Amount Equals School Certified Amount
02	Reduced to the Maximum Amount Allowable per Grade Level
03	Reduced to the Maximum Amount Allowable per Student (for Entire Career)
04	Reduced to the Maximum Amount Allowable within a 7-month Period
05	Reduced to the Appropriate Lender Approved Amount
06	Reduced Because Requested Loan Amount Exceeds Cost of Attendance minus Expected Family Contribution Amount and Estimated Financial Aid Amount
07	Reduced to the Maximum Amount Allowable by the Guarantor
08	Reduced to the Appropriate School Certification Amount; School Certified Amount is less than the Borrower Requested Loan Amount
09	Requested to the Amount Agreed to by the Endorser
10	Reduced to the Maximum Amount Allowable as Calculated in Accordance with Guarantor Policy
11	Reduced to the Amount Requested by the Borrower after Processing of Initial Application
ZZ	Mutually Defined

1714 - Security or Assurance Protocol Error Code

Code identifying a specific security protocol error TYPE=ID MIN=1 MAX=2

RESTRICTED TO USE IN SECURITY STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)
APE SPE

TRANSACTION SETS USED IN
993

CODE	DEFINITION & EXPLANATION
1	Certificate unknown
2	Certificate invalid - expired
3	Certificate invalid - revoked
4	Hashing algorithm not supported
5	Authentication failed
6	Compression algorithm not supported
7	Error de-compressing data
8	Filter algorithm not supported
9	Error encountered while removing filter
10	Assurance algorithm not supported
11	Assurance failed
12	Encryption algorithm not supported
13	Error encountered while decrypting

1715 - Country Subdivision Code

Code identifying the country subdivision TYPE=**ID** MIN=**1** MAX=**9**

Code Sources

5

SEGMENTS USED IN (AS SIMPLE)

N4 TAR VEH VID

TRANSACTION SETS USED IN

100 103 104 105 106 107 108 110 111 112 113 120 124 128 130 132 133 135 138 140 141 142 143 144 146 147 148 149 150 152 153 154 155 157 159 163 175 176 179 180 185 186 187 188 189 190 191 194 195 196 197 198 199 200 201 202 203 204 205 206 210 211 212 213 214 215 216 217 219 220 222 223 227 228 240 245 248 249 250 251 252 255 256 259 260 261 262 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 283 284 285 286 288 290 300 301 304 309 310 311 312 317 322 325 350 355 358 359 404 410 412 417 418 421 422 423 424 426 431 434 455 456 460 470 490 494 500 501 503 504 511 517 521 527 536 540 561 567 568 601 603 620 625 650 715 753 754 805 806 810 811 812 813 814 816 818 819 820 821 822 823 824 826 827 828 830 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 869 870 873 874 875 876 878 879 880 881 882 885 887 888 889 890 892 893 896 897 920 940 943 944 945 947

1719 - Tax Service Payment Code

Code identifying the tax payment requirements of a taxing authority TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
PTS TA

TRANSACTION SETS USED IN
158 245

CODE	DEFINITION & EXPLANATION
1	Even Period and Even Dollar
2	Even Period and Uneven Dollar
3	Uneven Period and Even Dollar
4	Uneven Period and Uneven Dollar

1720 - Tax Service Non-payment Code

Code identifying the reason for non-payment of the tax amount owed TYPE=ID MIN=1 MAX=3

COMPOSITE DATA STRUCTURES USED IN
C055

SEGMENTS USED IN (AS COMPONENT)
MLA

SEGMENTS USED IN (AS SIMPLE)
TII

TRANSACTION SETS USED IN
245

CODE	DEFINITION & EXPLANATION
0	Cannot Identify Loan
B	Non-escrow or Non-impound Loan
Z	Mutually Defined
CC	Contract Canceled
CS	Contract Service with Another Vendor
E1	Missing Legal Description
E2	Contract or Maintenance Accepted
E3	Missing Homeowner Authorization
E4	Service Type Not Available
E5	Audit Exception
R2	Modified Payment Enclosed
R3	Loan Paid in Full
R4	Loan Service Released
R5	Other Non-payment Reason
NSD	New Subdivision
UML	Unmatched or Missing Lender
UMT	Unmatched or Missing Tax Authority
WOI	With Other Interest
WOP	With Other Property

1721 - Type of Taxing Authority Code

Code identifying type of real estate taxing authority or other taxing authority

TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)

PTS TA

TRANSACTION SETS USED IN

158 245

CODE	DEFINITION & EXPLANATION
00	County
01	City
02	Town
03	Village
04	Borough
05	Township
09	Other Municipality
10	School District
11	Junior Colleges
19	Other Schools
20	Water Control
21	Utility District
22	Sanitation
23	Water or Sewer District
24	Reclamation District
25	Fire District
26	Roads or Bridges
27	Hospitals
28	Police District
29	Other Municipal Services
40	Township and County
41	City and School
42	County Collected by Other Taxing Authority
43	State and County
44	Central Collection Taxing Authority
45	State Taxing Authority
48	Delinquency Collection Authority
49	Other Combination Collection
50	Bond Authority
51	Annual County Bond Authority
52	Semi-annual County Bond Authority
53	Annual City Bond Authority
54	Semi-annual City Bond Authority

59 Other Bond Authority
61 Assessment District
62 Homeowner's Association
63 Special District
69 Other Special Districts
70 Central Appraisal Taxing Authority
71 Unsecured County Taxes
72 Mobile Home Authority
79 Other Special Applications
80 Ground Rents
89 Non-Standard
A Tax Authority or other collecting entity charging or assessing non-standard or one-time fees.
AA Transportation District
AB Capital Improvement District
AC Urban Renewal District
AD Designated Project District

1722 - Real Estate Tax Delinquency Type Code

Code identifying the type of real estate tax delinquency TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
TDT

TRANSACTION SETS USED IN
245

CODE	DEFINITION & EXPLANATION
1	Additional Bill
2	Special Assessment or Bond
3	Corrected Bill
4	Escaped Assessment
5	Possessor's Interest
6	Utility Bill Lien
7	Communities Facilities District *Mello-Roos Act in California, Municipal Utility District Act in Texas*
8	Regular Real Estate
9	Supplemental
10	Unknown
11	Other Delinquency

1727 - Item Distribution Code

Code indicating the distribution of the item

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

G21

TRANSACTION SETS USED IN

878

CODE	DEFINITION & EXPLANATION
AA	For Military Distribution Only
AB	In and Out Pre-booked Basis Item Only
AC	Special Order Item - Not for Retail Distribution

1729 - Credential Type Code

Code indicating the type of credential TYPE=ID MIN=1 MAX=2

SEGMENTS USED IN (AS SIMPLE)
CQ

TRANSACTION SETS USED IN
132

CODE	DEFINITION & EXPLANATION
1	Certification
2	License
3	Degree
4	Registration
5	Endorsement
6	Postsecondary
7	Reference Verification
8	Publication
9	Other Formal Training
Y	Other
10	Personal Development
11	Performance
12	High School
13	Membership
14	Activity
15	Full Credential
16	Permit
17	Background Verification
18	Security Verification
19	Staff Development
20	Display

1730 - Credential Requirement Code

Code indicating requirements necessary for an individual to receive or renew a credential

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

CQ

TRANSACTION SETS USED IN

132

CODE	DEFINITION & EXPLANATION
1	Education
2	Fee
3	Practical Experience
4	Reference Verification
5	Test
6	Background Verification
7	Security Verification
8	Assessment
X	None
Y	Other

1731 - Credential Category Code

Code indicating the category of a legal document giving authorization to perform an assignment

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CQ

TRANSACTION SETS USED IN

132

CODE	DEFINITION & EXPLANATION
1	Alternative
2	Temporary
3	Standard
4	Professional
5	National Board for Professional Teaching Standards (NBPTS)
6	State Career Ladder Program
7	Emergency
8	Waiver
9	University Internship
Y	Other
10	District Internship
11	Provisional
12	Local Career Ladder Program

1732 - Source of Payment Typology Code

Code identifying payer types in the most granular way TYPE=**ID** MIN=**2** MAX=**6**

Code Sources

944

SEGMENTS USED IN (AS SIMPLE)

CLP SBR

TRANSACTION SETS USED IN

269 276 277 835 837

1734 - Submission Clarification Code

Code indicating that the pharmacist is clarifying the submission TYPE=ID MIN=1 MAX=2

Code Sources

946

SEGMENTS USED IN (AS SIMPLE)

SV4

TRANSACTION SETS USED IN

837

1735 - Additional Drug Coverage Code

Code indicating whether or not the patient has other insurance coverage TYPE=**ID** MIN=**1** MAX=**2**

Code Sources

947

SEGMENTS USED IN (AS SIMPLE)

SV4

TRANSACTION SETS USED IN

837

1736 - Compound Route of Administration Code

Code indicating the route of administration of the complete compound mixture

TYPE=**ID** MIN=**1** MAX=**2**

Code Sources

948

SEGMENTS USED IN (AS SIMPLE)

SV4

TRANSACTION SETS USED IN

837

1737 - Submitted Drug Tax Code

Code indicating the basis for percentage tax TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

949

SEGMENTS USED IN (AS SIMPLE)

SV4

TRANSACTION SETS USED IN

837

1738 - Reason for Service Code

Code identifying the type of utilization conflict detected TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

950

COMPOSITE DATA STRUCTURES USED IN

C059

SEGMENTS USED IN (AS COMPONENT)

SV7

TRANSACTION SETS USED IN

837

1739 - Professional Service Code

Code identifying pharmacist intervention when a conflict code has been identified

TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

951

COMPOSITE DATA STRUCTURES USED IN

C059

SEGMENTS USED IN (AS COMPONENT)

SV7

TRANSACTION SETS USED IN

837

1740 - Result of Service Code

Code identifying action taken by a pharmacist in response to a conflict TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

952

COMPOSITE DATA STRUCTURES USED IN

C059

SEGMENTS USED IN (AS COMPONENT)

SV7

TRANSACTION SETS USED IN

837

1741 - Equipment Component Code

Code identifying the equipment component

TYPE=**ID** MIN=**1** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)
EQD

TRANSACTION SETS USED IN
228

CODE	DEFINITION & EXPLANATION
RIM	Rim
AIRC	Air Connection (Gladhand)
AXLE	Axle
BOLS	Bolster
BRAK	Brakes
BUMP	Bumper
CAST	Casting
CHLO	Chassis Lock
CHRA	Chassis Main Rail
COCA	Corner Cap
COPO	Corner Post
CRME	Cross Member
DOGA	Door Molding
DOHA	Door Hardware
DOHI	Door Hinge
DOOR	Door
DOPO	Door Post
DOTH	Door Threshold
DOVT	Door Vent
ELEC	Electric Junction Box
ETRC	E-Track
FLOR	Floor
INHE	Intermediate Header
KIPI	King Pin
KIPL	King Pin Plate (Grind Section)
LACB	Cross Brace
LACH	Crank Handle
LAGB	Landing Gear Braces
LAGE	Landing Gear
LAGN	Landing Leg (Non-Gear)
LALB	Back Leg Brace/ Crank Shaft
LASS	Sandshoes
LIBR	Brake Light

LICP License Plate Bracket
LILI License Plate Light
LIMA Marker Lights
LITS Turn Signal Light
LOBA Locking Bar
LOCA Locking Bar CAM
LOGO Company Logo Sign
LOGU Locking Bar Guide
LOHA Locking Bar Handle
LOKE Locking Bar Keeper
MABO Manifest Box
MFLP Mud Flap
MUBR Mud Flap Bracket
PANE Panel
PATC Patch, Existing
PLUG 7-Way
PLYL Plyliner
POST Post
RAIB Rail Bottom
RAIT Rail Top
RAPA Radius Panel
REFL Reflector
REHE Rear Header
REUN Reefer Unit
ROBO Roof Bow
ROFL Roof Flange
ROOF Roof
SCUF Metal Scuffliner
SCUW Wood Scuffliner
SIDO Side Door
SPRI Springs
STOP Stacking Post
STRP Strap
TAND Tandem (Sub-Frame) Assembly
TARP Tarpaulin
TBOW Tarp Bow
TIRE Tire
TUNL Tunnel
TWLK Twist Lock
WHEL Wheel

1762 - Contract Date Basis Code

Code identifying the date basis for contract dates TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
CPL CTH

TRANSACTION SETS USED IN
890

CODE	DEFINITION & EXPLANATION
01	Deliver Date
02	Invoice Date
03	Purchase Order Acceptance Date
04	Requested Delivery Date
05	Ship Date *Date the product leaves the supplier's location to its destination*
06	Transfer of Ownership Date
07	Purchase Receive Date
08	Purchase Order Date

1763 - Spend Type Code

Code identifying the type of performance driven criteria for programs with spending requirements

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PSG

TRANSACTION SETS USED IN

890

CODE	DEFINITION & EXPLANATION
01	Trade Show - Corporate
02	Trade Show - Local
03	Trade Show - Regional
04	Samples
05	Flyers
06	Ads
07	Sales Seminar
08	Sales Performance Incentive (SPIFFS) *Sales force incentive offered to market vendor specific trade items*
09	Point-of-Sale
10	Introductory Offer
11	Booth Fees

1764 - Payment Handling Code

Code identifying the payment mechanism used TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
CPI SEF

TRANSACTION SETS USED IN
890

CODE	DEFINITION & EXPLANATION
01	Billback
02	Credit Memo
03	Rebate
04	Off-Invoice
05	Accrual
06	Deduction
07	Mark-Up
08	Margin
09	Prepay
10	Prepay with True-Up

1765 - Program Basis Type Code

Code identifying the basis for the type of distribution designated TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CPL

TRANSACTION SETS USED IN

890

CODE	DEFINITION & EXPLANATION
01	Sales
02	Purchase

1766 - Product Name

Name of product TYPE=**AN** MIN=**1** MAX=**60**

SEGMENTS USED IN (AS SIMPLE)

FU3 FU5

TRANSACTION SETS USED IN

890

1767 - Brand Name

Brand name of a product or service

TYPE=**AN** MIN=**1** MAX=**60**

SEGMENTS USED IN (AS SIMPLE)

FU3 FU5 FX6

TRANSACTION SETS USED IN

890

1768 - Product Label

Label name of product TYPE=**AN** MIN=**1** MAX=**60**

SEGMENTS USED IN (AS SIMPLE)

FU3 FU5

TRANSACTION SETS USED IN

890

1770 - Co-Product Type Code

Code specifying the relationship between products TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
FU5

TRANSACTION SETS USED IN
890

CODE	DEFINITION & EXPLANATION
01	Free-goods *This product is a free-goods product linked to the main product*
02	Substitute Product *This product is a substitute product to the main product*
03	Linked Product *This product is linked to the main product through a sub-deal*

1771 - Contract Level Code

Code indicating the administrative level to which the contract pertains TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CTH

TRANSACTION SETS USED IN

890

CODE	DEFINITION & EXPLANATION
01	Headquarters
02	Regional
03	Local

1772 - Frequency Pattern Code

Code indicating the frequency pattern used between the contracting parties

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

ECS PMP SEF

TRANSACTION SETS USED IN

890 892

CODE	DEFINITION & EXPLANATION
AN	Annual
DA	Daily
DT	Date Time
EP	End of Program
FI	Fiscal Year
FM	Fiscal Month
M1	Monthly - 12, as specified
M2	Monthly - 13, 4 week months
M3	Monthly - Fiscal 4-4-5
M4	Monthly - Fiscal 4-5-4
M5	Monthly - Fiscal 5-4-4
MC	Monthly Calendar
MD	Month to Date
ND	Number of Days
QC	Quarterly Calendar
QD	Quarter to Date
QF	Quarterly Fiscal - 13 Week
R4	Rolling 4 week period
RY	Rolling 52 week period
SA	Semiannual
SP	Specified time period
TP	Time of Performance
TS	Time of Sale
WK	Weekly
Y2	Year to Date

1774 - Claim Authorization Exception Code

Code identifying the reason for requesting an exception to standard processing of the claim

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CLM

TRANSACTION SETS USED IN

837

CODE	DEFINITION & EXPLANATION
1	Immediate/Urgent Care
2	Services Rendered in a Retroactive Period
3	Emergency Care
4	Subscriber has Temporary Medicaid
5	Request from County for Second Opinion to Determine if Recipient Can Work
6	Request for Override Pending
7	Special Handling
Z	Mutually Defined

1776 - Out of Stock Determination Method Code

Code identifying the technique used to measure items reported as out of stock

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PMP

TRANSACTION SETS USED IN

892

CODE	DEFINITION & EXPLANATION
MA	Manual Audit *Visual inspection of stocking locations*
OT	Other *Other Method*
PI	Perpetual Inventory *Estimate of on-hand balance used upon the previous inventory value, adjusted by subsequent sales and receipts.*
RF	Radio Frequency Identification (RFID) *Physical count of items at stocking locations taken by RFID.*
SD	Sales Data Analysis *Estimate of on-hand balance based upon the observed versus expected rate of sale.*

1777 - Delivery Time Measurement Type Code

Code specifying basis for delivery time calculation TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

DLP

TRANSACTION SETS USED IN

892

CODE	DEFINITION & EXPLANATION
FA	First Appointment Date/Time *First negotiated date and time*
LA	Last Appointment Date/Time *Last negotiated date and time*
PO	Purchase Order Need-by Date *Desired delivery date as expressed in the purchase order.*

1778 - Appointment Time Basis Code

Code specifying a parameter for an on-time appointment determination. TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

DLP

TRANSACTION SETS USED IN

892

CODE	DEFINITION & EXPLANATION
AW	Appointment Window *If the delivery occurs before or after the indicated appointment date and time by less than the number of minutes given by the Appointment Window parameter, it is considered to be on-time.*
DE	Deadline *The appointment date and time represent the latest instance that the delivery can arrive and still be considered on time.*

1779 - Forecast Purpose Code

Code specifying the type of forecast.

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

FQR

TRANSACTION SETS USED IN

892

CODE	DEFINITION & EXPLANATION
OF	Order Forecast *The forecast is for the expected receipt of items at the location(s) specified.*
SF	Sales Forecast *The forecast is for the expected sales or consumption of items at the location(s) specified.*
SH	Shipment Forecast *The forecast is for shipments to the location(s).*

1780 - Forecast Type Code

Code specifying the trade items to which the forecast pertains. TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
FQR

TRANSACTION SETS USED IN
892

CODE	DEFINITION & EXPLANATION
BA	Base *The forecast includes only baseline (non-promoted) demand.*
PR	Promotional *The forecast includes only promotional items.*
SE	Seasonal *The forecast includes only seasonal component of total demand.*
TO	Total *The forecast includes all types of demand.*

1781 - Demand Estimation Type Code

Code specifying the technique used to estimate demand. TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
IVT

TRANSACTION SETS USED IN
892

CODE	DEFINITION & EXPLANATION
FC	Forecast Basis *Demand estimate is based upon a forecast.*
HB	Historical Basis *Demand estimate is based upon historical results.*

1782 - Item Selection Type Code

Code specifying the type of item selected. TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
ITS

TRANSACTION SETS USED IN
892

CODE	DEFINITION & EXPLANATION
BR	Brand *All products of a specific brand.*
CL	Class *All products that fall within a global product classification or category.*
CO	Color *All products of a specific color.*
DE	Department *All products that fall within a specified department.*
FL	Flavor *All products of a specific flavor.*
GP	GS1 Global Product Classification *All products of a specific GS1 Global Product Classification.*
GT	GS1 Global Trade Item Number *All products of a specific GS1 item identification number.*
IT	Item *All of the style, color, size, flavor and variety variations of a specific product.*
LB	Line of Business *All products that fall within a supplier's line of business.*
RC	Retail Category *All products that fall within a retailer's item category.*
SI	Size *All products of a specific size.*
SK	Stock Keeping Unit (SKU) *All products that are considered equivalent by a trading party from a stock perspective*
ST	Style *All products of a specific style.*
SU	Subclass *All products that fall within a global subclass or category.*
TO	Total *All products.*
TR	Trading Relationship *All of the supplier's products that the customer distributes.*
VA	Variety *All products of a specific variety.*

1783 - Location Scope Parameter Type Code

Code specifying the role of a facility.

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

LSC

TRANSACTION SETS USED IN

892

CODE	DEFINITION & EXPLANATION
CU	Customer Destination Location *A location that is pertinent to the customer or receiver.*
LC	Location Context *Specifies the overall range of locations from which a selection of locations may be made.*
LS	Location Selection *Describes the specific set of locations to be measured within a broader location context.*
RL	Receiving Location *Specifies the facility or a range of facilities that are at the destination of a delivery.*
SL	Shipping Location *Specifies the facility or a range of facilities that are at the origin of a delivery.*
VL	Vendor Location *Specifies the facility or a range of facilities that are used by the vendor.*

1784 - Location Scope Type Code

Code specifying the type of location.

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
LSC

TRANSACTION SETS USED IN
892

CODE	DEFINITION & EXPLANATION
AR	Area *All store regions within an area.*
CH	Chain *All locations within a retail chain.*
CI	City *All locations within the boundaries of a city*
CN	Channel *All locations within a specific class of trade.*
CO	Country *All locations with a country.*
DS	Distribution Center *A specific distribution center location.*
DU	Data Universal Numbering System (D-U-N-S Number) *Number assigned by Dun & Bradstreet (D&B) to a business location.*
DV	Division *A specific division location.*
GL	Global Location Number *A globally unique 13 digit code used for the identification of any physical or legal location that needs to be uniquely identified for use in the supply chain. A GS1 identification key.* SEE CODE SOURCE 583
GR	Geographical Region *All locations within a specified geographic region.*
GS	Geographic Subregion *All locations within a specified geographical sub-region.*
LR	Lane or Route *A specific transportation land or route.*
PL	Plant *A specific production plant or factory location.*
PO	Postal Code *All locations within a specific postal code.*
SC	Store Cluster *All locations that share a set of common characteristics (such as customer demographic).*
SE	Store *A specific store location.*
SL	Stocking Location *A specific product stocking location within a store (shelf, display, etc.).*

SR Store Region
All locations within a retailer's store region.

ST State
All locations within a state or province.

SU Supplier
All supplier distribution locations (plant/distribution center).

TO Total
All locations.

ZO Zone
All locations within a zone.

1785 - Claim Adjustment Group Code

Code identifying the general category of payment adjustment. TYPE=**AN** MIN=**1** MAX=**10**

Code Sources

974

SEGMENTS USED IN (AS SIMPLE)

CAS RAS

TRANSACTION SETS USED IN

835 837

1787 - Error Reason Code

Code identifying reason for error as assigned by issuer. TYPE=**ID** MIN=**2** MAX=**2**

Code Sources

977

SEGMENTS USED IN (AS SIMPLE)

AAA

TRANSACTION SETS USED IN

147 200 269 271 274 278 359 832 849

1788 - Insurance Product Code

Code identifying the type of insurance policy within a specific insurance program for eligibility purposes.

TYPE=**ID** MIN=**1** MAX=**3**

Code Sources

979

SEGMENTS USED IN (AS SIMPLE)

EB EQ

TRANSACTION SETS USED IN

270 271

1790 - Tier identifier

Number identifying the level to which the benefits are assigned or limited

TYPE=**N0** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

SBI

TRANSACTION SETS USED IN

271

1791 - Network Indicator Code

Code identifying a health plan networkstatus.

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

EB EQ

TRANSACTION SETS USED IN

270 271

CODE	DEFINITION & EXPLANATION
I	In Network
O	Out of Network
U	Unknown
W	Not Applicable

1792 - Changed Identifying Information Code

Code specifying the identification information that changed from a request to a response.

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

INS

TRANSACTION SETS USED IN

270 271 278 820 834

CODE	DEFINITION & EXPLANATION
1	First Name
2	Middle Initial
3	Last Name
4	Name Suffix
5	Date of Birth
6	Member Identification Number
7	Group Number
8	Policy Number
9	Case Number
A	Gender
B	Birth Sequence Number
C	Change from Dependent to Subscriber
D	Change from Subscriber to Dependent
E	Address
F	Provider Network Status Mismatch - Both In and Out of Network Returned
G	Provider Network Status Mismatch - Correct Network Returned
H	Provider Network Status Not Determined
I	Provider Network Status Not Applicable
J	Birth Sex
K	Sex
L	Recorded Sex or Gender
ZZ	Mutually Defined

1793 - Provider Network Status Information Code

Code specifying that the Provider Network Information changed from a request to a response.

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

INS

TRANSACTION SETS USED IN

270 271 278 820 834

CODE	DEFINITION & EXPLANATION
1	Provider Network Status Mismatch - Both In and Out of Network Returned
2	Provider Network Status Mismatch - Correct Network Returned
3	Provider Network Status Not Determined
4	Provider Network Status Not Applicable

1794 - Longitude, Decimal Format

Code indicating the longitude expressed in decimal degrees (123.4567). TYPE=**R** MIN=**1** MAX=**10**

Code Sources

559

SEGMENTS USED IN (AS SIMPLE)

MS1 PPA

TRANSACTION SETS USED IN

112 133 158 212 214 620 625 811 838

1795 - Latitude, Decimal Format

Code indicating the latitude expressed in decimal degrees (123.4567). TYPE=**R** MIN=**1** MAX=**10**

Code Sources

559

SEGMENTS USED IN (AS SIMPLE)

MS1 PPA

TRANSACTION SETS USED IN

112 133 158 212 214 620 625 811 838

1796 - Health Care Services Review Requirement Code

Code indicating the type of heath care service review required for the service.

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

EB

TRANSACTION SETS USED IN

271

CODE	DEFINITION & EXPLANATION
A	Authorization
C	Certification
N	Notification
R	Referral
U	Unknown
AC	Authorization or Certification
AD	Admission
NA	Provider not required to obtain services review
PR	Recommended Pre-Service Clinical/Medical Review
PS	Requires Clinical/Medical Review
SP	Specialist Referral
SR	Service Referral

1797 - Allergen Type Code

The code identifying a specific allergen. TYPE=**ID** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
ALG

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
A1	Almonds
A2	Brazil Nuts
A3	Cashews
A4	Crustacean
A5	Crustacean - Crab
A6	Crustacean - Cray Fish
A7	Crustacean - Lobster
A8	Crustacean - Prawn
A9	Crustacean - Shrimp
A10	Egg
A11	Fish
A12	Fish - Anchovy
A13	Fish - Basa
A14	Fish - Bass
A15	Fish - Bluefish
A16	Fish - Bream
A17	Fish - Carp
A18	Fish - Catfish
A19	Fish - Char
A20	Fish - Chub
A21	Fish - Cisco
A22	Fish - Cod
A23	Fish - Eel
A24	Fish - Flounder
A25	Fish - Grouper
A26	Fish - Haddock
A27	Fish - Hake
A28	Fish - Halibut
A29	Fish - Herring
A30	Fish - Mackerel
A31	Fish - Mahi Mahi
A32	Fish - Marlin
A33	Fish - Monkfish

A34 Fish - Orange Roughy
A35 Fish - Perch
A36 Fish - Pickerel
A37 Fish - Pike
A38 Fish - Plaice
A39 Fish - Pollock
A40 Fish - Pompano
A41 Fish - Porgy
A42 Fish - Rockfish
A43 Fish - Salmon
A44 Fish - Sardine
A45 Fish - Shark
A46 Fish - Smelt
A47 Fish - Snapper
A48 Fish - Sole
A49 Fish - Sturgeon
A50 Fish - Swordfish
A51 Fish - Tilapia
A52 Fish - Trout
A53 Fish - Tuna
A54 Fish - Turbot
A55 Fish - White Fish
A56 Fish - Whiting
A57 Gluten
A58 Gluten Barley & Barley Derivatives
A59 Gluten Oat & Oat Derivatives
A60 Gluten Other
A61 Gluten Rye & Rye Derivatives
A62 Gluten Triticale & Triticale Derivatives
A63 Gluten Wheat
A64 Hazelnuts (Filberts)
A65 Natural Rubber Latex
A66 Macadamia Nut
A67 Milk
A68 Mustard
A69 Peanut
A70 Pecan
A71 Pine Nut
A72 Pistachio
A73 Sesame
A74 Shellfish
A75 Shellfish - Abalone
A76 Shellfish - Clam

A77 Shellfish - Cockle
A78 Shellfish - Conch
A79 Shellfish - Snail
A80 Shellfish - Limpet
A81 Shellfish - Mussel
A82 Shellfish - Octopus
A83 Shellfish - Other
A84 Shellfish - Oyster
A85 Shellfish - Periwinkle
A86 Shellfish - Quahaug
A87 Shellfish - Scallop
A88 Shellfish - Squid
A89 Shellfish - Whelk
A90 Soy
A91 Sulphite
A92 Tree Nut
A94 Walnut
A95 Other Allergen
A96 No Allergens
Allergen disclaimer provided by the manufacturer who states the product is free of allergens.

1798 - Diet Type Code

Code identifying the diet type associated with a product. TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
DET

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
10	Dietetic
11	Halal
12	Kosher
13	Kosher Pareve
14	Kosher Dairy
15	Kosher Fish
16	Kosher Meat
17	Kosher For Passover
18	Kosher For Passover Pareve
19	Kosher For Passover Dairy
20	Kosher For Passover Fish
21	Kosher For Passover Meat
22	Kosher Dairy Equipment
23	Not Kosher
24	Dairy
25	Meat
26	Pareve
27	Vegan
28	Vegetarian
29	Without Pork
30	Without Beef
31	Mutually Defined
32	Kosher Mevushal *Mevushal wine has been boiled or undergone flash pasteurization*
33	Kosher for Passover Mevushal *Kosher for Passover Mevushal wine has been boiled or undergone flash pasteurization*
34	Lacto-ovo (or Ovo-lacto) Vegetarian *Permits plant foods plus dairy and eggs*
35	Lacto Vegetarian *Permits plant foods plus dairy, no eggs*
36	Ovo Vegetarian *Permits plant foods plus eggs, no dairy*

1799 - Nutrition Facts Table (NFT) Format Type

Codes identifying the different formats associated with the nutrition facts panel information.

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
NF1

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
AB	Food for Use in Manufacturing Other Foods *Indicates the values of nutrition information elements are stated as unrounded (absolute), with a degree of precision (i.e. appropriate number of significant figures) corresponding to the accuracy of the analytical methodology used to produce the nutrition.*
N1	Nutritional Facts Table (NFT) *The Nutritional Facts Table provides information on energy (Calories) and thirteen nutrients, based on a serving of stated size (Canada).*
N2	Nutritional Facts Table (NFT) Dual *Dual Format is used to declare the nutrient content of (Canada): (a) Food as consumed for: Food requiring preparation prior to consumption. Foods that are customarily served combined with other foods, This is in addition to declaring the nutrients for the food as sold (as required by B.01.406(1)). [B.01.456, FDR] (b) To declare nutrients for different amounts of the food. [B.01.458, FDR]*
N3	Nutritional Facts Table (NFT) Aggregate/ Multiple *Aggregate/ Multiple Format are used either for (Canada): (a) Different kinds of foods. [B.01.457, FDR] (b) Or to declare nutrients for different amounts of the food. [B.01.458, FDR]*
N4	Nutritional Information (NI) *Nutrition Information is used for products specifically prohibited from displaying a nutrition facts table such as Foods for Special Dietary Use (Division 24) or Infant Foods (Division 25) of Canadian Food & Drug Regulations (FDR) (Canada)*
N5	Special Nutritional Facts Table (NFT) *The special NFT is for foods solely for children under two years of age per B.01.462 of FDR. This is applicable for foods that are promoted and sold solely for children under two years of age. Products that are also marketed to young children or adults are not subject to the special provisions in the regulations that apply to food for children under two years of age. (Canada)*
N6	Special Nutritional Facts Table (NFT) Aggregate/Multiple *For Aggregate/multiple, the special NFT is for foods solely for children under two years of age marked with aggregate or multiple special NFTs. - Different kinds of foods. [B.01.463, FDR] - Or to declare nutrients for different amounts of the food. [B.01.464, FDR] (Canada)*
N7	Nutrition Data Exempt *Trade Item Packaging is exempt or usually exempt from displaying Nutrition Facts Table (NFT) for products per Div. B.01.401 FDR other than small package exemption [Available Display Surface ADS (ADS) < 100 cm²].(Canada) See 5.3 list of products exempt from displaying a NFT [B.01.401(2)]*
N8	Nutritional Facts Table (NFT) Simplified Format *A food whose nutrient value is zero (0), as reported in the Nutrition Facts Table (NFT), for six*

or more of the calories or core nutrients, as per Health Canada.

1800 - Display Type Code

Display Types identifies the readiness of the trade item to be displayed. TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

UPI

TRANSACTION SETS USED IN

897

CODE	DEFINITION & EXPLANATION
FDR	Floor Display Ready Packaging *A display unit that is ready for display on the floor, no assembly required*
FND	Floor Non-Assembled Display Packaging *A display unit that needs to be assembled before display on the floor.*
SDR	Shelf Display Ready Packaging *A display unit that is ready for display on a shelf or counter.*
SND	Shelf Non-Assembled Display Packaging *A display unit that needs to be assembled before display on a shelf or counter*
UNS	Unspecified Display Type *Unspecified for cases where the supplier is unable to provide the precise type at that moment (or the type of display does not exist in the list yet), but still wants to communicate a display of a sort is present.*

1801 - Channel of Distribution

To identify distribution channel codes for product or service. TYPE=ID MIN=2 MAX=2

COMPOSITE DATA STRUCTURES USED IN
C070

SEGMENTS USED IN (AS COMPONENT)
COD

TRANSACTION SETS USED IN
897

CODE	DEFINITION & EXPLANATION
AC	All Distribution Channels
AL	Alcohol
AP	Apparel
BP	Books
DY	Do-It-Yourself
EL	Electronics
EM	Electrical
FG	Foodservice Global
FS	Foodservice
FW	Footwear
GC	Garden Centre
GM	General Merchandise
GR	Grocery
HC	Healthcare - All
HL	Hardlines
MD	Healthcare Medical Device
ON	On-Line
PH	Healthcare Pharmacy
TR	Transportation and Logistics

1802 - Production Type

Identifies how a product is made or sold. TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
UPI

TRANSACTION SETS USED IN
897

CODE	DEFINITION & EXPLANATION
A1	Co Packed *Co Packed product is packaged with another product.*
A2	Manufactured *All of the ingredients of the product were made by the same company.*
A3	Purchased *Product bought elsewhere to be incorporated in a company's line of product.*

1803 - Stock Indicator Code

To specify the product stockstatus information. TYPE=ID MIN=1 MAX=1

SEGMENTS USED IN (AS SIMPLE)
UPI

TRANSACTION SETS USED IN
897

CODE	DEFINITION & EXPLANATION
C	Configurable *An item that is built from readily available products to match the customers specifications and may become a regularly ordered product.*
M	Made-To-Order *An item that is custom built to meet a customers unique specifications.*
N	Non-Stock *An item that is not kept in inventory and could have a longer lead time.*
Q	QuickShip Stock *An item that is always available to be shipped without delay.*
S	Stock *A manufacturer's non-custom made product. The product does not require special configuration and is not produced to meet a customer's unique specifications.*

1804 - Life Cycle Status Code

The status to which an item is introduced, brought to market, or removed from the market.

TYPE=**ID** MIN=**1** MAX=**1**

SEGMENTS USED IN (AS SIMPLE)

UPI

TRANSACTION SETS USED IN

897

CODE	DEFINITION & EXPLANATION
A	Active *Item is available for sale.*
I	Introductory *A new item being introduced to the supply chain. This item data set is incomplete and will have additional information at a later date.*
M	Mature *Item is an existing product available for sale however a newer product may be available.*
N	New *A new item being introduced to the supply chain.*
O	Obsolete *Item is no longer available to order. There are no additional updates for this item.*
P	Planned Obsolescence *Item planned to be phased out of production. It is still currently available for sale.*

1805 - Route of Administration for Pharmaceutical Drugs

Medication route refers to the way that a drug is introduced into the body. Indicates the method of administering the pharmaceutical item. TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
PDH

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
BU	Buccal
CO	Multiple
DE	Dental
DI	Dialysis
EP	Epidural
I0	Intracervical
I2	Intra-amniotic
I3	Intra-arterial
I4	Intra-articular
I5	Intrabrachial
I6	Intrabursal
I7	Intracardiac
I8	Intracavernosal
I9	Intracavitary
IB	Intracranial
IC	Intracutaneous
ID	Intradermal
IE	Intraganglional
IF	Intralesional
IG	Intramammary
IH	Intramuscular
II	Intranasal
IJ	Injectable
IK	Intraocular
IL	Intrapericardial
IM	Implant
IN	Inhalation
IO	Intraperitoneal
IP	Intrapleural
IQ	Intrapulmonary
IR	Irrigation

IS Intraspinal
IU Intrauterine
IV Intrasynovial
IW Intratendinous
IX Intrathecal
IY Intratracheal
IZ Intravascular
NA Nasal
OP Ophthalmic
OR Oral
OT Otic
PA Parenteral (Unspecified)
RE Rectal
RT Retrobulbar
SB Subarachnoidal
SG Subcutaneous
SH Subgingival
SL Sublingual
T1 Intravenous
T2 Intravesicular
T3 Intravitreal
TD Transdermal
TO Topical
TP Teat
UR Urethral
UW Udder
VA Vaginal
XX Not Assigned

1806 - Dosage Form for Pharmaceutical Drugs

A dosage form is the physical form of a medication that identifies the form of the pharmaceutical item.

TYPE=**ID** MIN=**4** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)
PDH

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
AERM	Aerosol Metered-Dose
AERO	Aerosol
BAR1	Bar
BEAD	Beads
BOLS	Bolus
CADR	Capsule, Delayed Release
CAER	Capsule, Extended Release
CAPT	Caplet
CAPU	Capsule
CARR	Capsule Rapid Release
CHEW	Tablet, Chewable
CPCR	Capsule, Controlled Release
CPEC	Capsule Enteric-Coated
CPSR	Capsule Sustained-Release
CREA	Cream
CRYS	Crystals
DCHE	Douche (not specified)
DCSR	Disk Sustained-Release
DISK	Disk
DROP	Drops
ELIX	Elixir
EMUL	Emulsion
ENEM	Enema
EXTR	Fluid Extract
FILM	Film
FLSS	Floss
FOAM	Foam
GAS1	Gas
GEL1	Gel
GELC	Gel Extended-Release
GLBL	Globules
GRAN	Granules
GUM1	Gum Chewing

IMPL Implant

INMP Injectable Multi Dose
A single product may be used to administer multiple doses

INSD Injectable Single Dose
A single product providing one dose of medication (no additional dose should be dispensed).

INSP Injectable Single Puncture Multiple Dispensing
A single product which should only be punctured once and allows dispensing of multiple doses.

JELY Jelly

LIPO Liposomal

LIQD Liquid

LOTN Lotion

LOZG Lozenge

MDPP Metered-Dose Pump

MIST Mist

MOWH Mouthwash Gargle

MUDF Multiple Dosage Form

NEBU Nebulization Solution

OIL1 Oil

OINT Ointment

OVLS Ovules

PADS Pads

PATC Patch

PELT Pellet

PLST Plaster

PMTD Powder, Metered Dose

PNCL Pen

POEF Powder Effervescent

POWD Powder

POWP Powder for Suspension

POWS Powder for Solution

PSTE Paste

RING Ring Slow Release

SEED Seed

SMAN Shampoo

SOLA Solution Extended Release Long-Acting

SOLN Solution

SOLR Solution When Reconstituted

SOMD Solution Metered Dose

SPNG Sponge

SPRY Spray

STCK Stick

STRP Strip

SUBL Tablet sublingual
SUDR Suspension Delayed Release
SUER Suspension Extended Release
SUPP Suppository
SUSP Suspension
SUSR Suppository Delayed Release
SWAB Swab
SYRP Syrup
SYSR Syrup Extended Release
TABS Tablet
TAER Tablet Extended Release
TAIR Tablet Immediate Release
TAMP Tampon
TAOD Tablet Orally Disintegrating
TAPE Tape
TASE Tablet Sustained Release
TBCR Tablet Controlled Release
TBDR Tablet Delayed Release
TBEC Tablet Enteric Coated
TBEF Tablet Effervescent
TBFC Tablet Film Coated
TBRD Tablet Rapid Dissolving
TCRL Tablet Combined Release
TEAH Tea Herbal
TINC Tincture
TOPT Toothpaste
WAFR Wafer
WIPE Wipe

1807 - Biomedical Hazard

The science or chemicals of medicine concerned with the effects on the human body.

TYPE=**ID** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PDH

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
B1	Cytotoxic Material
B2	Biologic Material
B3	Radioactive Material
B4	Antineoplastic Material

1808 - Trade Item Drug Branding Type

brand is a name, term, design, symbol or other feature that distinguishes one product from another.

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

PDH

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
T1	Branded
T2	Generic
T3	Private Label *A product manufactured or packaged under the name of the organization contracting the creation or preparation of the product, rather than the manufacturer.*

1809 - Unmarked Number of Inner Pack Layers

The number of inner pack layers within the shipping case or carton. These layers are unmarked without product identification (ie. Stock Keeping Unit (SKU), Global Trade Item Number (GTIN) etc.)

TYPE=**N** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

P05

TRANSACTION SETS USED IN

897

1810 - Unmarked Number of Inner Packs Per Layer

The number of inner packs per layer within the shipping case or carton. These inner packs are unmarked without product identification (ie. Stock Keeping Unit (SKU), Global Trade Item Number (GTIN) etc.)

TYPE=**N** MIN=**1** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

P05

TRANSACTION SETS USED IN

897

1811 - Unmarked Number of Inner Packs

The number of unmarked inner containers. TYPE=**N** MIN=**1** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)

P05

TRANSACTION SETS USED IN

897

1812 - Regulatory Type

Type of legislation.

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

REG

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
01	Drug requiring a prescription (Rx)
02	Drug not requiring prescription and behind the counter (BTC)
03	Drug not requiring prescription and is accessible to public and over the counter (OTC)
04	Unscheduled Pharmaceutical Drug
05	Veterinary drug requiring a prescription
06	Veterinary drug NOT requiring a prescription
07	Drug sold anywhere by any retailer
08	Environmental Levy
09	Canadian Tax Goods and Services (GST)
10	Canadian Tax Harmonized Sales Tax (HST)
11	Canadian Tax Provincial Sales Tax (PST)
12	Canadian Tax Not Applicable
13	Not Legal To Advertise
14	Not Legal To Discount
15	Point of Sale Rebate

1813 - Product Procurement Basis Code

Identifies the procurement decisions between the trading partners for product selling unit, ordering unit or invoicing unit basis.

TYPE=**ID** MIN=**1** MAX=**1**

COMPOSITE DATA STRUCTURES USED IN
C066

SEGMENTS USED IN (AS COMPONENT)
UPI

TRANSACTION SETS USED IN
897

CODE	DEFINITION & EXPLANATION
1	Ordering Unit *Denotes ordering unit basis of the product.*
2	Selling Unit *Denotes the selling unit basis of the product.*
3	Selling Unit and Ordering Unit *Denotes the combined ordering unit and selling unit basis of the product.*
4	Invoicing Unit *Denotes invoicing unit basis of the product.*
9	Not Applicable *No product procurement basis identified between the trading partners.*

1814 - Precursor Status

Indicates whether the trade item contains a precursor substance and its class.

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

TRD

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
NP	Not a Precursor
PA	Trade Item contains Class A Precursor Substance
PB	Trade Item contains Class B Precursor Substance
PN	Trade Item does not contain a Precursor Substance

1815 - Controlled Drug

Controlled Drug is a product from Schedule 3, 4 or 5 of the CDSA excluding those substances listed in Schedule 1 of the Benzodiazepine and Other Targeted Substances regulations.

TYPE=**ID** MIN=**4** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

TRD

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
CON1	Part G Schedule - Part I
CON2	Part G Schedule - Part II
CON3	Part G Schedule - Part III
CON4	Not Applicable

1816 - Narcotic

Indicate if the product is a Narcotic from Schedule 1 or 2 of the CDSA (Controlled Drugs & Substances Act).

TYPE=**ID** MIN=**4** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)

TRD

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
NAR1	Narcotic Only
NAR2	Narcotic Preparation
NAR3	Exempted Codeine
NAR4	Not Applicable

1819 - Closure Type

Code identifying a device or method that mechanically joins or affixes two or more objects together or closes a container.

TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
COI

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
ZZ	Mutually Defined
CAP	Cap Pressure *Consists of a plastic or ceramic stopper held in place by a set of wires. A device which adheres to plastic or glass bottles with normal application torque. Pressures sensitive liners are supplied pressed into closures and adhere to the bottle finish when the closure is applied.*
CCN	Cork and Cage - Natural *Known as a muselet, a wire cage that fits over the cork of a bottle to prevent the cork from emerging under the pressure of the carbonated contents. Made of natural materials.*
CCP	Cap Crown Pry Off *A cap which requires tools to open. Example: a glass bottle with metal cap.*
CCS	Cork and Cage - Synthetic *Known as a muselet, a wire cage that fits over the cork of a bottle to prevent the cork from emerging under the pressure of the carbonated contents. Made of synthetic materials.*
COA	Cork - Alternative *Cork cylinders made of natural cork granules combined with food grade polymers, resins and binding agents that are molded into shape.*
COC	Cork - Composite *Cork cylinders made of natural cork granules which have been joined together using synthetic or natural binding agents that are molded into shape. Also referred to as Cork Aggolmerate.*
CON	Cork - Natural *Cork of natural materials. Need tools to remove the cork from the bottle*
COS	Cork - Synthetic *Cork made from synthetic material. Need tools to remove the cork from the bottle*
CPM	Cap Roll-on-Pilfer Proof - Metal *Metal cap that screws onto threads on the neck of a bottle, generally with a metal sleeve down the neck to resemble the traditional wine capsule ("foil").*
CPP	Cap Roll-on-Pilfer Proof - Plastic *Plastic cap that screws onto threads on the neck of a bottle, generally with a plastic sleeve down the neck to resemble the traditional wine capsule ("foil").*
CRC	Crown Cap *A type of bottle cap made by pressing a circular piece of metal around the top of the bottle and needs tools to open it.*
CTS	Cap Twist-off Crown Steel *Twist off crown cap that can be screwed off by hand. Example: beer bottle.*

FPO Peel off - Foil
Protective sleeve called a foil (commonly referred to as a "capsule") covering the top of commercially corked wine and protecting the cork.

PBT Push Button Tab
A metal closure with scored tabs when pushed, opens the container without dislodging the tabs.

PTF Pull Tab - Flexible
A flexible cover which can be easily removed in order to open a container.

PTM Pull Tab - Metal
A metal lid closure scored and has a tab when pulled, opens the container without dislodging the closure. The most common seal of aluminium cans.

SPP Spigot - Plastic
A spigot made of plastic which is a protruding edge which allows the lifting and pouring of liquids contained within a container.

SPS Spigot - Steel
A spigot made of steel which is a protruding edge which allows the lifting and pouring of liquids contained within a container.

STF Swing-Top / Flip-Top
Consists of a plastic or ceramic stopper held in place by a set of wires. A device which adheres to plastic or glass bottles with normal application torque. Pressures sensitive liners are supplied pressed into closures and adhere to the bottle finish when the closure is applied.

TCS T-Cork Stopper
Reclosable cork with top. Opened by hand.

ZIP Zip Tab
A metal ring that is pulled off the top of a can to provide an opening for drinking or pouring.

1820 - Beverage Category

Code Identifying the category of beverage TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
BVI

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
BR	Beer *A beverage that is made by the fermentation of cereals, usually barley or hops but also maize, wheat, rice and sorghum, by the addition of yeast and water. These products are differentiated by various brewing techniques and include products described as lager, bitter, ale, stout, lambic and specialty beers. Includes beer mixed drinks. Excludes products such as soft drinks that may be labelled as beer, such as ginger beer/ale and root beer.*
CR	Cider *A beverage that is produced by fermenting the pulp of apples or the juice of pears, with or without the addition of water and /or sugar. These products are also called cider (apple) or perry (pear). They can be sweet, dry, cloudy or clear. Includes apple and pear wines. Excludes products such as beers, and non-fermented apple/pear drinks and juices .*
LR	Liqueur *An alcoholic beverage flavored variously by fruits, herbs, spices, flowers, nuts or cream, combined with distilled spirits.*
PD	Pre-mixed drink(Coolers & Cocktails) *An alcoholic beverage that is pre-mixed with another drink, usually a soft drink. Includes soft or milk based drinks which have spirits added during the production process. Also includes pre-mixed cocktails, such as vodka martini and mixed wine drinks such as spritzers.*
ST	Spirits *An alcoholic beverage distilled from fermented fruit juice, fruit, grains or sugar. Products will normally have a high alcohol content of around 35-40%. Includes products such as brandy, schnapps, gin, rum, tequila, vodka and whisky.*
WE	Wine *A beverage made by the fermentation of the juice of the grape, usually having an alcoholic content of 14 percent or less. These products can be white, red or rosÃ© in color and dry, sweet or medium in flavor.*
ZZ	Mutually Defined

1821 - Cider Type

Code identifying the type of cider

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BVI

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
AE	Apple
PR	Pear
UD	Unidentified *Identifies product attributes that are unidentifiable given existing or available product information.*
ZZ	Mutually Defined

1822 - Pre-Mix Drink Code

Code identifying the type of pre-mixed drink including cocktails and coolers.

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

BVI

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
LB	Liqueur Based
MB	Malt Based
SB	Spirit Based
WB	Wine Based

1823 - Spirit Type Code

Code identifying the type of spirit TYPE=ID MIN=2 MAX=3

SEGMENTS USED IN (AS SIMPLE)
SPT

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
AB	Absinthe *It is an anise-flavored spirit derived from botanicals, including the flowers and leaves of Artemisia absinthium ("grand wormwood"), together with green anise, sweet fennel, and other medicinal and culinary herbs. Absinthe traditionally has a natural green color, but may also be colorless.*
AM	Armagnac *Armagnac is a distinctive kind of brandy produced in the Armagnac region in Gascony, southwest France*
AP	Applejack *Applejack is a strong apple-flavored alcoholic drink produced from apples, popular in the American colonial era. The name derives from "jacking," a term for "increasing" (alcohol content) and specifically for "freeze distilling," the traditional method of producing the drink.*
AQ	Aquavit *Aquavit, or Akvavit, is a distilled spirit that is principally produced in Scandinavia. Aquavit is distilled from grain and potatoes, and is flavored with a variety of herbs.*
AR	Arak Raki Ouzo *All three of ouzo, arak and the Turkish raki are distilled from the leftovers of vinication - grape seeds, stems, skins and the like.*
BA	Baijiu *Baijiu, also known as shaojiu, is a category of at least a dozen Chinese liquors made from grain. Baijiu literally means "white (clear) alcohol" or liquor.*
BI	Bitters *A bitters is traditionally an alcoholic preparation flavored with botanical matter so that the end result is characterized by a bitter, sour, or bittersweet flavor.*
BO	Bourbon *Bourbon whiskey is a type of American whiskey, a barrel-aged distilled spirit made primarily from corn.*
BR	Brandy *Brandy is a spirit produced by distilling wine. Brandy generally contains 35-60% alcohol by volume (70-120 US proof) and is typically drunk as an after-dinner digestif.*
CA	Cachaca *Cachaca is a distilled spirit made from fermented sugarcane juice. Also known as aguardente, pinga, caninha, Marvada and other names, it is the most popular spirit among distilled alcoholic beverages in Brazil.*
CL	Calvados *Calvados is an apple or pear brandy from the Normandy region in France.*
CO	Cognac *Cognac is a variety of brandy named after the town of Cognac, France. It is produced in the*

surrounding wine-growing region in the departments of Charente and Charente-Maritime.

FR Fruit Spirit
Fruit Spirit, also known as Eau de Vie (French for spirits), is a clear, colorless fruit brandy that is produced by means of fermentation and double distillation.

GE Genever
Genever is a clear, botanically rich, malted grain-based spirit that can only be made in Holland or Belgium. It is a blend of two or more distillates.

GI Gin
Gin is a distilled alcoholic drink that derives its predominant flavor from juniper berries.

GR Grappa
Grappa is an alcoholic beverage, a fragrant, grape-based pomace brandy of Italian origin that contains 35 to 60 percent alcohol by volume (70 to 120 US proof).

HU Huangjiu
Huangjiu, often translated as yellow wine, is a type of Chinese alcoholic beverage made from water, cereal grains such as rice, sorghum, millet, or wheat, and a qu starter culture.

KO Korn
Korn, also known as Kornbrand or Kornbranntwein, is a German colorless distilled beverage produced from fermented cereal grain.

MA Marc
Marc is distilled from what is left over after pressing the grapes used in wine production, including the skins, pulp, seeds.

ME Mezcal
Mezcal, or mescal, is a distilled alcoholic beverage made from any type of agave.

OR Orujo
Orujo is a pomace brandy from northern Spain. It is a transparent spirit with an alcohol content over 50% (100° proof).

PA Pastis
Pastis is an anise-flavored spirit and aperitif from France, typically containing less than 100 g/l sugar and 40-45% ABV (alcohol by volume).

PI Pisco
A white brandy made in Peru from muscat grapes.

RA Rum Agricole
Rum Agricole, or Rhum Agricole, is the French term for cane juice rum, a style of rum originally distilled in the French Caribbean islands, made from freshly squeezed sugar cane juice.

RK Rakia
Rakia, Rakija, Arak, Raki or Ouzo, is the collective term for fruit brandy popular in the Balkans. It is colorless, unless herbs or other ingredients are added.

RU Rum
Rum is a distilled alcoholic drink made from sugarcane byproducts, such as molasses, or directly from sugarcane juice, by a process of fermentation and distillation. The distillate, a clear liquid, is then usually aged in oak barrels.

SA Sake
Sake, also known as Japanese rice wine, is an alcoholic beverage made by fermenting rice that has been polished to remove the bran.

SC Schnapps
Schnapps is a type of alcoholic beverage that may take several forms, including distilled fruit brandies, herbal liqueurs, infusions, and flavored liqueurs made by adding fruit syrups, spices, or artificial flavorings to neutral grain spirits.

SH Shochu
Shochu is a Japanese distilled beverage less than 45% alcohol by volume. It is typically distilled from rice (kome), barley (mugi), and sweet potatoes.

SM Sambuca
Sambuca is an Italian anise-flavored, usually colorless, liqueur. Its most common variety is often referred to as white sambuca to differentiate it from other varieties that are deep blue in color (black sambuca) or bright red (red sambuca).

SO Soju
Soju is a clear, colorless distilled beverage of Korean origin.

TE Tequila
Tequila is made from the distillation of the juice from the blue agave plant.

TM Tequila Mixto
Mixto tequila is tequila that is not 100% agave, and must first be mixed with sugar or molasses before fermentation begins.

TN Tennessee
Tennessee whiskeys undergo a filtering stage called the Lincoln County Process, in which the whiskey is filtered through (or steeped in) a thick layer of maple charcoal before it is put into new charred oak barrels for aging.

UD Unidentified
Identifies product attributes that are unidentifiable given existing or available product information.

UN Unclassified
This term is used to describe those product attributes that are unidentifiable given existing or available product information.

VO Vodka
Vodka may be distilled from any starch or sugar-rich plant matter. Most vodka today is produced from grains such as sorghum, corn, rye or wheat. Among grain vodkas, rye and wheat vodkas are generally considered superior.

WH Whisky
Whisky, or whiskey, is a type of distilled alcoholic beverage made from fermented grain mash.

WS Wine Spirit
Wine that has had a spirit added to it.

ZZZ Mutually Defined

1824 - Spirit Style

Code identifying the style of spirit TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
SPT

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
AN	Anejo *Anejo or aged or vintage refer to the aged process in which youngest teqila is stored for at least one year, but less than three years in small oak barrels.*
BE	Blended *Blended Whiskey is the product of blending different types of whiskeys and sometimes also neutral grain spirits, colorings, and flavorings.*
BG	Blended Grain *Blended Grain Whiskey is the product of blending different types of single grain whiskies.*
BL	Blanco *Blanco (white or plata (silver)) is an unaged spirit and bottled or stored immediately after distillation, or aged less than two months in stainless steel or neutral oak barrels.*
BM	Blended Malt *Blended malt, formerly called a vatted malt, or pure malt, is a blend of different single malt whiskies from different distilleries.*
EA	Extra Anejo *Extra Anejo (ultra-aged) refers to the aged process in which tequila must be aged for a minimum of three years in oak barrels.*
HA	Hors d'age *Beyond Age known as Hors d'age is a designation which Bureau National Interprofessionnel du Cognac (BNIC) states is equal to Extra Old (XO), used by producers to market a high-quality product beyond the official age scale (the storage period in a cask).*
JG	Jonge *Jonge refer to younger or newer style of genever that contains no more than 15% malt wine and 10 grams of sugar per liter.*
JO	Joven *Joven tequila is usually silver tequila with the addition of grain alcohols and caramel color, however, some higher end gold tequilas may be a blend of silver and reposado.*
LD	London Dry *London Dry, or Dry, refers to a Gin that the base spirit is distilled to a completely neutral spirit of 96% alcoholic volume. All flavors must be added through the distillation process, and be from natural plant materials. Nothing more may be added after distillation except for water and a tiny amount of sugar.*
OU	Oude *Oude refers to older style of genever that contains at least 15% malt wine, but no more than 20 grams of sugar per liter.*
RE	Reposado *Resposado, or rested, a type of tequila that has been aged in oak for a period of two to twelve months.*

SG Single Grain
A single-grain scotch whisky contains barley and one or more other cereal grains, usually wheat or corn. It refers to a product made at a single distillery.

SM Single Malt
Single malt whisky is from a single distillery made exclusively from malted barley.

SO Sour Mash
Sour Mash refers to a process used in the distilling industry that uses material from an older batch of mash to start the fermentation of a new batch. Bourbon made using this process can be referred to as sour mash bourbon.

SW Sweet Mash
Sweet Mash refers to a process used in the distilling industry that does not use material from an older batch of mash but rather using yeast to start the fermentation of a new batch of bourbon. Bourbon made using this process can be referred to as sweet mash bourbon.

UD Unidentified
Identifies product attributes that are unidentifiable given existing or available product information.

UN Unclassified
This term is used to describe those product attributes that are unidentifiable given existing or available product information.

VO VSOP
Very Superior Old Pale, known as VSOP or Reserve, designates a blend in which the youngest brandy is stored for at least four years in a cask.

VS VS
Very Special, known as VS, designates a blend in which the youngest brandy has been stored for at least two years in a cask.

XO XO
Extra Old, known as XO or Napoleon, designates a blend in which the youngest brandy is stored for at least six years in a cask.

ZZZ Mutually Defined

1825 - Color

Code identifying the content color of the product TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

SPT WIN

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
BL	Black
CL	Clear
DA	Dark
GO	Gold
RE	Red
RO	Rose
SI	Silver
WH	White
ZZZ	Mutually Defined

1826 - Liqueur Flavor

Code identifying the flavor of the liqueur TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
SPT

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
BE	Bean
CH	Chocolate
CM	Combination *Combination identifies when more than two flavors are used in a product.*
CO	Coffee
DA	Dairy
EG	Egg
FL	Floral
FR	Fruit
HE	Herb
HO	Honey
HS	Herb and Spice
MI	Mint
NU	Nut
SO	Sour
SS	Seed and Spice
SW	Sweet
UC	Unclassified *Identifies product attributes that are unable to be classified within their specific market.*
UD	Unidentified *Identifies product attributes that are unidentifiable given existing or available product information.*
VE	Vegetable
ZZ	Mutually Defined

1827 - Added Flavor

Code identifying the additional flavor added to the product TYPE=**ID** MIN=**2** MAX=**3**

COMPOSITE DATA STRUCTURES USED IN
C075

SEGMENTS USED IN (AS COMPONENT)
SPT

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
01	Acai Berry
02	Allspice
03	Almond
04	Amaretto
05	Aniseed
06	Apple
07	Apple Pie
08	Apricot
09	Artichoke
10	Banana
11	Basil
12	Bisongrass
13	Bitters
14	Black Cherry
15	Blackberry
16	Blackcurrant
17	Blackthorn
18	Blood Orange
19	Blueberry
20	Botanical
21	Butterscotch
22	Cake
23	Caraway Seed
24	Cardamom
25	Chamomile
26	Cherry
27	Chili
28	Chocolate
29	Chocolate Based
30	Cinnamon
31	Citrus Fruit

32 Coconut
33 Coffee
34 Cranberry
35 Cucumber
36 Egg
37 Elderberry
38 Elderflower
39 English Toffee
40 Espresso
41 Fig
42 French Vanilla
43 Gentian Root
44 Ginger
45 Gooseberry
46 Grape
47 Grapefruit
48 Green Chili
49 Green Pepper
50 Green Tea
51 Greenguarana
52 Guarana
53 Hazelnut
54 Herb
55 Honey
56 Hops
57 Hot Pepper
58 Lemon
59 Lemon Balm
60 Lime
61 Lingonberry
62 Liquorice
63 Lychee
64 Mandarin
65 Mango
66 Marmalade
67 Melon
68 Milk Thistle
69 Mint
70 Mulberry
71 None
No additional flavor
72 Orange
73 Passion Fruit

74 Peach
75 Pear
76 Pecan
77 Pepper
78 Peppermint
79 Pineapple
80 Plum
81 Pomegranate
82 Raspberry
83 Red Berry
84 Red Currant
85 Rhubarb
86 Root Beer
87 Rose
88 Rosemary
89 Salted Caramel
90 Smoked
91 S'mores
92 Sourcherry
93 Spice
94 Strawberry
95 Sweet Tea
96 Tangerine
97 Toffee
98 Tropical Fruit
99 Truffle
100 Unclassified
Identifies product attributes that are unable to be classified within their specific market.
101 Unidentified
Identifies product attributes that are unidentifiable given existing or available product information.
102 Vanilla
103 Vanilla Bean
104 Violet
105 Walnut
106 Watermelon
107 Wormwood

1828 - Distilled From Spirit Type

Code identifying the substance that is fermented and distilled to produce the spirit

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

SPT

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
AP	Apple
BA	Barley
CO	Corn
GP	Grape
GR	Grain
HO	Honey
HP	Hops
MA	Malt (Malted Barley)
MI	Milk
MO	Molasses
OA	Oats
PE	Pear
PO	Potato
QU	Quinoa
RY	Rye
SJ	Sugarcane Juice
SP	Spelt
SU	Sugarcane
SW	Sweet Potato
WH	Wheat
ZZ	Mutually Defined

1829 - Whiskey Production Type

Code identifying the method used to produce the whiskey TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
SPT

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
CF	Charcoal Filtered *Carbon filtering is a method of filtering that uses a bed of activated carbon to remove contaminants and impurities, using chemical adsorption.*
CH	Chill Filtered *Chill filtering is a method in whisky making for removing residue. In chill filtering, whisky is cooled to between -10 and 4 degrees Celsius (often roughly 0 degrees) and passed through a fine adsorption filter. This is done mostly for cosmetic reasons - to remove cloudiness - rather than to improve taste or consistency.*
CS	Cask Strength *Cask strength also known as "Barrel Proof" or "Barrel Strength," is a term used by whisky producers to describe a whisky that has not been substantially diluted after its storage in a cask for maturation.*
NC	Non-Chill Filtered *Non-chill filtering is a method in whisky making to preserve peat particles that contribute to the smokiness and aroma of whiskey. Non-chill-filtered whisky is often advertised as being more "natural," "authentic," or "old-fashioned."*
SB	Small Batch *Small batch whiskey is whiskey produced by mixing the contents of a relatively small number of selected barrels. Small batch whiskeys are commercially positioned for the upper-premium market.*
SI	Single Barrel *Single barrel whiskey (or single cask whiskey) is a premium class of whiskey in which each bottle comes from an individual aging barrel, instead of coming from blending together the contents of various barrels to provide uniformity of color and taste.*
SP	Single Pot *Single pot still whiskey is a style of Irish whiskey made by a single distillery from a mixed mash of malted and unmalted barley distilled in a pot still.*
SW	Straight Whisky *Straight whiskey or straight whisky, as defined in United States law, is whiskey created by distilling a fermented (malted or unmalted) cereal grain mash to create a spirit not exceeding 80% alcohol content by volume (abv) and then aging the spirit for at least two years at an abv concentration not exceeding 62.5% at the start of the aging process.*
ZZ	Mutually Defined

1830 - Container Material Color

Code identifying the container material color TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
COI

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
AB	Amber - Brown *A brownish orange color located on the color wheel midway between the colors of gold and orange.*
BE	Blue *The color between violet and green on the optical spectrum of visible light. human eyes perceive blue when observing light with a wavelength between 450-495 nanometers.*
BK	Black *The darkest color, the result of the absence or complete absorption of light. Like white and grey, it is an achromatic color, literally a color without hue.*
FC	Flint - Clear *Natural transparent with no specific color.*
GE	Green - Emerald *The color between blue and yellow on the spectrum of visible light. It is evoked by light with a predominant wavelength of roughly 495-570 nanometers.*
WE	White *White is a color that reflects all the colors of the visible light spectrum to the eyes.*
ZZ	Mutually Defined

1831 - Wine Quality Designation

Code identifying a regulatory and appellation system which guarantees the quality and authenticity origin of wine

TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

WIN

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
DO	Denominaciones de Origen (DO)
WO	Wine of Origin
AOC	Appellation d'origine controlee (AOC)
DOA	Denominazione di Origine Controllata (DOC)
DOC	Denominación de Origen Calificada (DOCA)
DOG	Denominazione di Origine Controllata e Garantita (DOCG)
DOP	Denominazione Di Origine Proetta (Dop)
DOQ	Denominación de Origen Calificada (DOCa/DOQ)
IGP	Indication Geographique Protegee
IGT	Indicazione Geografica Tipica
IWN	Ice Wine
LWN	Landwein
QBA	Qualitatswein bestimmter Anbaugebiet (QbA)
QMP	Qualitätswein mit Prädikat
TWN	Tafelwein
UCD	Unclassified
UID	Unidentified
VDA	Vino Da Tavola
VDL	Vino De La Tierra
VDM	Vinho De Mesa
VDP	Verband Deutscher Praedikatsweingueter (Vdp)
VDQ	Vinho De Qualidade
VDS	Vin De Pays (VDP)
VDT	Vin De Table
VEM	Vino De Mesa
VQA	Vintner Quality Alliance (VQA)
VRG	Vinho Regional

1832 - Beer Style

Code identifying a term used to differentiate and categorize a beer by various factors including appearance, flavor, ingredients, production method, history, or origin

TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

BER

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
01	Standard American Beer-American Light Lager *Light Lager is a very low in malt flavor with a light and dry body. The hop character is low and should only balance with no signs of flavor or aroma. European versions are about half the alcohol (2.5-3.5% abv) as their regular beer yet show more flavor (some use 100% malt) then the American counterparts.*
02	Standard American Beer-American Lager *American lager or North American lager is pale lager that is produced in The United States. A very pale, highly-carbonated, light-bodied, well-attenuated lager with a very neutral flavor profile and low bitterness. Served very cold, it can be a very refreshing and thirst quenching drink.*
03	Standard American Beer-Cream Ale *A cream ale is related to pale lager. They are generally brewed to be light and refreshing with a straw to pale golden color.*
04	Standard American Beer-American Wheat Beer *Color is pale to light amber. This beer can be made using either ale or lager yeast. American wheat beer is generally brewed with at least 30 percent malted wheat. These beers are typically served with the yeast in the bottle, and pour cloudy. Traditionally more hoppy than a German hefeweizen, American wheat beer differs in that it should not offer flavors of banana or clove. It is a refreshing summer style. Darker versions of this style also exist but are not as common.*
05	International Lager-International Pale Lager *A highly-attenuated pale lager without strong flavors, typically well-balanced and highly carbonated. Served cold, it is refreshing and thirst-quenching.*
06	International Lager-International Amber Lager *A well-attenuated malty amber lager with an interesting caramel or toast quality and restrained bitterness. Usually fairly well-attenuated, often with an adjunct quality. Smooth, easily-drinkable lager character.*
07	International Lager-International Dark Lager *A darker and somewhat sweeter version of international pale lager with a little more body and flavor, but equally restrained in bitterness. The low bitterness leaves the malt as the primary flavor element, and the low hop levels provide very little in the way of balance.*
08	Czech Lager-Czech Pale Lager *A lighter-bodied, rich, refreshing, hoppy, bitter pale Czech lager having the familiar flavors of the stronger Czech Premium Pale Lager (Pilsner-type) beer but in a lower alcohol, lighter-bodied, and slightly less intense format.*
09	Czech Lager-Czech Premium Pale Lager *Rich, characterful, pale Czech lager, with considerable malt and hop character and a long,*

rounded finish. Complex yet well-balanced and refreshing. The malt flavors are complex for a Pilsner-type beer, and the bitterness is strong but clean and without harshness, which gives a rounded impression that enhances drinkability.

10 Czech Lager-Czech Amber Lager
Malt-driven amber Czech lager with hop character that can vary from low to quite significant. The malt flavors can vary quite a bit, leading to different interpretations ranging from drier, bready, and slight biscuit to sweeter and somewhat caramelly.

11 Czech Lager-Czech Dark Lager
A rich, dark, malty Czech lager with a roast character that can vary from almost absent to quite prominent. Malty with an interesting and complex flavor profile, with variable levels of hopping providing a range of possible interpretations.

12 Pale Malty European Lager-Munich Helles
A clean, malty, gold-colored German lager with a smooth grainy-sweet malty flavor and a soft, dry finish. Subtle spicy, floral, or herbal hops and restrained bitterness help keep the balance malty but not sweet, which helps make this beer a refreshing, everyday drink.

13 Pale Malty European Lager-Festbier
A smooth, clean, pale German lager with a moderately strong malty flavor and a light hop character. Deftly balances strength and drinkability, with a palate impression and finish that encourages drinking. Showcases elegant German malt flavors without becoming too heavy or filling.

14 Pale Malty European Lager-Helles Bock
A relatively pale, strong, malty German lager beer with a nicely attenuated finish that enhances drinkability. The hop character is generally more apparent than in other bocks.

15 Pale Bitter European beer-German Leichtbier
A pale, highly-attenuated, light-bodied German lager with lower alcohol and calories than normal-strength beers. Moderately bitter with noticeable malt and hop flavors, the beer is still interesting to drink.

16 Pale Bitter European beer-Kolsch
A clean, crisp, delicately-balanced beer usually with a very subtle fruit and hop character. Subdued maltiness throughout leads into a pleasantly well-attenuated and refreshing finish. Freshness makes a huge difference with this beer, as the delicate character can fade quickly with age. Brilliant clarity is characteristic.

17 Pale Bitter European beer-German Helles Exportbier
A pale, well-balanced, smooth German lager that is slightly stronger than the average beer with a moderate body and a mild, aromatic hop and malt character.

18 Pale Bitter European beer-German Pils
A light-bodied, highly-attenuated, gold-colored, bottom-fermented bitter German beer showing excellent head retention and an elegant, floral hop aroma. Crisp, clean, and refreshing, a German Pils showcases the finest quality German malt and hops.

19 Amber Malty European Lager-MÃ¤rzen
An elegant, malty German amber lager with a clean, rich, toasty and bready malt flavor, restrained bitterness, and a dry finish that encourages another drink. The overall malt impression is soft, elegant, and complex, with a rich aftertaste that is never cloying or heavy.

20 Amber Malty European Lager-Rauchbier
An elegant, malty German amber lager with a balanced, complementary beechwood smoke character. Toasty-rich malt in aroma and flavor, restrained bitterness, low to high smoke flavor, clean fermentation profile, and an attenuated finish are characteristic.

21 Amber Malty European Lager-Dunkles Bock
A dark, strong, malty German lager beer that emphasizes the malty-rich and somewhat toasty qualities of continental malts without being sweet in the finish.

22 Amber Bitter European Beer-Vienna Lager
A moderate-strength amber lager with a soft, smooth maltiness and moderate bitterness, yet finishing relatively dry. The malt flavor is clean, bready-rich, and somewhat toasty, with an elegant impression derived from quality base malts and process, not specialty malts and adjuncts.

23 Amber Bitter European Beer-Altbier
A well-balanced, well-attenuated, bitter yet malty, clean, and smooth, amber- to copper-colored German beer. The bitterness is balanced by the malt richness, but the malt intensity and character can range from moderate to high (the bitterness increases with the malt richness).

24 Amber Bitter European Beer-Pale Kellerbier
A young, fresh Helles, so while still a malty, fully-attenuated Pils malt showcase, the hop character (aroma, flavor and bitterness) is more pronounced, and the beer is cloudy, often with some level of diacetyl, and possibly has some green apple and/or other yeast-derived notes. As with the traditional Helles, the Keller version is still a beer intended to be drunk by the liter, so overall it should remain a light, refreshing, easy drinking golden lager.

25 Amber Bitter European Beer-Amber Kellerbier
A young, unfiltered, and unpasteurized beer that is between a Helles and Marzen in color, spicier in the hops with greater attenuation. Interpretations range in color and balance, but remain in the drinkable 4.8% ABV neighborhood. Balance ranges from the dry, spicy and pale-colored interpretations by St. Georgen and LÃ¶wenbrÃ¤u of Buttenheim, to darker and maltier interpretations in the Frankische Schweiz. This style is above all a method of producing simple drinkable beers for neighbors out of local ingredients to be served fresh. Balance with a focus on drinkability and digestibility is important.

26 Dark European Lager-Munich Dunkel
Characterized by depth, richness and complexity typical of darker Munich malts with the accompanying Maillard products. Deeply bready-toasty, often with chocolate-like flavors in the freshest examples, but never harsh, roasty, or astringent; a decidedly malt-balanced beer, yet still easily drinkable.

27 Dark European Lager-Schwarzbier
A dark German lager that balances roasted yet smooth malt flavors with moderate hop bitterness. The lighter body, dryness, and lack of a harsh, burnt, or heavy aftertaste helps make this beer quite drinkable.

28 Strong European Beer-Doppelbock
A strong, rich, and very malty German lager that can have both pale and dark variants. The darker versions have more richly-developed, deeper malt flavors, while the paler versions have slightly more hops and dryness.

29 Strong European Beer-Eisbock
A strong, full-bodied, rich, and malty dark German lager often with a viscous quality and strong flavors. Even though flavors are concentrated, the alcohol should be smooth and warming, not burning.

30 Strong European Beer-Baltic Porter
Baltic Porter often has the malt flavors reminiscent of an English porter and the restrained roast of a schwarzbier, but with a higher OG and alcohol content than either. Very complex, with multi-layered malt and dark fruit flavors.

31 German Wheat Beer-Weissbier
A pale, refreshing German wheat beer with high carbonation, dry finish, a fluffy mouthfeel, and a distinctive banana-and-clove yeast character.

32 German Wheat Beer-Dunkles Weissbier
A moderately dark German wheat beer with a distinctive banana-and-clove yeast character,

supported by a toasted bread or caramel malt flavor. Highly carbonated and refreshing, with a creamy, fluffy texture and light finish that encourages drinking.

33 German Wheat Beer-Weizenbock
A strong, malty, fruity, wheat-based ale combining the best malt and yeast flavors of a Weissbier (pale or dark) with the malty-rich flavor, strength, and body of a Dunkles Bock or Doppelbock.

34 British Bitter-Ordinary Bitter
Low gravity, low alcohol levels, and low carbonation make this an easy-drinking session beer. The malt profile can vary in flavor and intensity, but should never override the overall bitter impression. Drinkability is a critical component of the style.

35 British Bitter-Best Bitter
A flavorful, yet refreshing, session beer. Some examples can be more malt balanced, but this should not override the overall bitter impression. Drinkability is a critical component of the style.

36 British Bitter-Strong Bitter
An average-strength to moderately-strong British bitter ale. The balance may be fairly even between malt and hops to somewhat bitter. Drinkability is a critical component of the style. A rather broad style that allows for considerable interpretation by the brewer.

37 Pale Commonwealth Beer-British Golden Ale
A hop-forward, average-strength to moderately-strong pale bitter. Drinkability and a refreshing quality are critical components of the style.

38 Pale Commonwealth Beer-Australian Sparkling Ale
Smooth and balanced, all components merge together with similar intensities. Moderate flavors showcasing Australian ingredients. Large flavor dimension. Very drinkable, suited to a hot climate. Relies on yeast character.

39 Pale Commonwealth Beer-English IPA
A hoppy, moderately-strong, very well-attenuated pale British ale with a dry finish and a hoppy aroma and flavor. Classic British ingredients provide the best flavor profile.

40 Brown British Beer-Dark Mild
A dark, low-gravity, malt-focused British session ale readily suited to drinking in quantity. Refreshing, yet flavorful, with a wide range of dark malt or dark sugar expression.

41 Brown British Beer-British Brown Ale
A malty, brown caramel-centric British ale without the roasted flavors of a Porter.

42 Brown British Beer-English Porter
A moderate-strength brown beer with a restrained roasty character and bitterness. May have a range of roasted flavors, generally without burnt qualities, and often has a chocolate-caramel-malty profile.

43 Scottish Ale-Scottish Light
A malt-focused, generally caramelly beer with perhaps a few esters and occasionally a butterscotch aftertaste. Hops only to balance and support the malt. The malt character can range from dry and grainy to rich, toasty, and caramelly, but is never roasty and especially never has a peat smoke character. Traditionally the darkest of the Scottish ales, sometimes nearly black but lacking any burnt, overtly roasted character.

44 Scottish Ale-Scottish Heavy
A malt-focused, generally caramelly beer with perhaps a few esters and occasionally a butterscotch aftertaste. Hops only to balance and support the malt. The malt character can range from dry and grainy to rich, toasty, and caramelly, but is never roasty and especially never has a peat smoke character.

45 Scottish Ale-Scottish Export
The Scottish Export is the strongest of the three lower-ABV ales in the family. A malt-

forward, low-ABV, toasty-not-roasty beer with minimal hops, but at the 80 shilling level we're expecting a more pronounced set of flavors.

46 Irish Beer-Irish Red Ale
An easy-drinking pint, often with subtle flavors. Slightly malty in the balance sometimes with an initial soft toffee/caramel sweetness, a slightly grainy-biscuity palate, and a touch of roasted dryness in the finish. Some versions can emphasize the caramel and sweetness more, while others will favor the grainy palate and roasted dryness.

47 Irish Beer-Irish Stout
A black beer with a pronounced roasted flavor, often similar to coffee. The balance can range from fairly even to quite bitter, with the more balanced versions having a little malty sweetness and the bitter versions being quite dry. Draught versions typically are creamy from a nitro pour, but bottled versions will not have this dispense-derived character. The roasted flavor can be dry and coffee-like to somewhat chocolaty.

48 Irish Beer-Irish Extra Stout
A fuller-bodied black beer with a pronounced roasted flavor, often similar to coffee and dark chocolate with some malty complexity. The balance can range from moderately bittersweet to bitter, with the more balanced versions having up to moderate malty richness and the bitter versions being quite dry.

49 Dark British Beer-Sweet Stout
A very dark, sweet, full-bodied, slightly roasty ale that can suggest coffee-and-cream, or sweetened espresso.

50 Dark British Beer-Oatmeal Stout
A very dark, full-bodied, roasty, malty ale with a complementary oatmeal flavor. The sweetness, balance, and oatmeal impression can vary considerably.

51 Dark British Beer-Tropical Stout
A very dark, sweet, fruity, moderately strong ale with smooth roasty flavors without a burnt harshness.

52 Dark British Beer-Foreign Extra Stout
A very dark, moderately strong, fairly dry, stout with prominent roast flavors.

53 Strong British Ale-British Strong Ale
An ale of respectable alcoholic strength, traditionally bottled-conditioned and cellared. Can have a wide range of interpretations, but most will have varying degrees of malty richness, late hops and bitterness, fruity esters, and alcohol warmth. Judges should allow for a significant range in character, as long as the beer is within the alcohol strength range and has an interesting 'British' character, it likely fits the style. The malt and adjunct flavors and intensity can vary widely, but any combination should result in an agreeable palate experience.

54 Strong British Ale-Old Ale
An ale of moderate to fairly significant alcoholic strength, bigger than standard beers, though usually not as strong or rich as barley wine. Often tilted towards a maltier balance.

55 Strong British Ale-Wee Heavy
Rich, malty, dextrinous, and usually caramel-sweet, these beers can give an impression that is suggestive of a dessert. Complex secondary malt and alcohol flavors prevent a one-dimensional quality. Strength and maltiness can vary, but should not be cloying or syrupy.

56 Strong British Ale-English Barleywine
A showcase of malty richness and complex, intense flavors. Chewy and rich in body, with warming alcohol and a pleasant fruity or hoppy interest. When aged, it can take on port-like flavor.

57 Pale American Ale-Blonde Ale
Easy-drinking, approachable, malt-oriented American craft beer, often with interesting fruit,

hop, or character malt notes. Well-balanced and clean, is a refreshing pint without aggressive flavors.

58 Pale American Ale-American Pale Ale
A pale, refreshing and hoppy ale, yet with sufficient supporting malt to make the beer balanced and drinkable. The clean hop presence can reflect classic or modern American or New World hop varieties with a wide range of characteristics. An average-strength hop-forward pale American craft beer, generally balanced to be more accessible than modern American IPAs.

59 Amber and Brown American Beer-American Amber Ale
An amber, hoppy, moderate-strength American craft beer with a caramel malty flavor. The balance can vary quite a bit, with some versions being fairly malty and others being aggressively hoppy. Hoppy and bitter versions should not have clashing flavors with the caramel malt profile.

60 Amber and Brown American Beer-California Common
A lightly fruity beer with firm, grainy maltiness, interesting toasty and caramel flavors, and showcasing rustic, traditional American hop characteristics.

61 Amber and Brown American Beer-American Brown Ale
A malty but hoppy beer frequently with chocolate and caramel flavors. The hop flavor and aroma complements and enhances the malt rather than clashing with it.

62 American Porter and Stout-American Porter
A substantial, malty dark beer with a complex and flavorful dark malt character.

63 American Porter and Stout-American Stout
A fairly strong, highly roasted, bitter, hoppy dark stout. Has the body and dark flavors typical of stouts with a more aggressive American hop character and bitterness.

64 American Porter and Stout-Imperial Stout
An intensely-flavored, big, dark ale with a wide range of flavor balances and regional interpretations. Roasty-burnt malt with deep dark or dried fruit flavors, and a warming, bittersweet finish. Despite the intense flavors, the components need to meld together to create a complex, harmonious beer, not a hot mess.

65 IPA-American IPA
A decidedly hoppy and bitter, moderately strong American pale ale, showcasing modern American or New World hop varieties. The balance is hop-forward, with a clean fermentation profile, dryish finish, and clean, supporting malt allowing a creative range of hop character to shine through.

66 IPA-Specialty IPA - Belgian IPA
An IPA with the fruitiness and spiciness derived from the use of Belgian yeast. The examples from Belgium tend to be lighter in color and more attenuated, similar to a tripel that has been brewed with more hops. This beer has a more complex flavor profile and may be higher in alcohol than a typical IPA.

67 IPA-Specialty IPA - Black IPA
A beer with the dryness, hop-forward balance, and flavor characteristics of an American IPA, only darker in color - but without strongly roasted or burnt flavors. The flavor of darker malts is gentle and supportive, not a major flavor component. Drinkability is a key characteristic.

68 IPA-Specialty IPA - Brown IPA
Hoppy, bitter, and moderately strong like an American IPA, but with some caramel, chocolate, toffee, and/or dark fruit malt character as in an American Brown Ale. Retaining the dryish finish and lean body that makes IPAs so drinkable, a Brown IPA is a little more flavorful and malty than an American IPA without being sweet or heavy.

69 IPA-Specialty IPA - Red IPA
Hoppy, bitter, and moderately strong like an American IPA, but with some caramel, toffee,

and/or dark fruit malt character. Retaining the dryish finish and lean body that makes IPAs so drinkable, a Red IPA is a little more flavorful and malty than an American IPA without being sweet or heavy.

70 IPA-Specialty IPA - Rye IPA
A decidedly hoppy and bitter, moderately strong American pale ale, showcasing modern American and New World hop varieties and rye malt. The balance is hop-forward, with a clean fermentation profile, dry finish, and clean, supporting malt allowing a creative range of hop character to shine through.

71 IPA-Specialty IPA - White IPA
A fruity, spicy, refreshing version of an American IPA, but with a lighter color, less body, and featuring either the distinctive yeast and/or spice additions typical of a Belgian witbier.

72 Strong American Ale-Double IPA
An intensely hoppy, fairly strong pale ale without the big, rich, complex maltiness and residual sweetness and body of an American barleywine. Strongly hopped, but clean, dry, and lacking harshness. Drinkability is an important characteristic; this should not be a heavy, sipping beer.

73 Strong American Ale-American Strong Ale
A strong, full-flavored American ale that challenges and rewards the palate with full malty and hoppy flavors and substantial bitterness. The flavors are bold but complementary, and are stronger and richer than average-strength pale and amber American ales.

74 Strong American Ale-American Barleywine
A well-hopped American interpretation of the richest and strongest of the English ales. The hop character should be evident throughout, but does not have to be unbalanced. The alcohol strength and hop bitterness often combine to leave a very long finish.

75 Strong American Ale-Wheatwine
A richly textured, high alcohol sipping beer with a significant grainy, bready flavor and sleek body. The emphasis is first on the bready, wheaty flavors with interesting complexity from malt, hops, fruity yeast character and alcohol complexity.

76 European Sour Ale-Berliner Weisse
A very pale, refreshing, low-alcohol German wheat beer with a clean lactic sourness and a very high carbonation level. A light bread dough malt flavor supports the sourness, which shouldn't seem artificial. Any Brettanomyces funk is restrained.

77 European Sour Ale-Flanders Red Ale
A sour, fruity, red wine-like Belgian-style ale with interesting supportive malt flavors and fruit complexity. The dry finish and tannin completes the mental image of a fine red wine.

78 European Sour Ale-Oud Bruin
A malty, fruity, aged, somewhat sour Belgian-style brown ale.

79 European Sour Ale-Lambic
A fairly sour, often moderately funky wild Belgian wheat beer with sourness taking the place of hop bitterness in the balance. Traditionally spontaneously fermented in the Brussels area and served uncarbonated, the refreshing acidity makes for a very pleasant cafÃ© drink.

80 European Sour Ale-Gueuze
A complex, pleasantly sour but balanced wild Belgian wheat beer that is highly carbonated and very refreshing. The spontaneous fermentation character can provide a very interesting complexity, with a wide range of wild barnyard, horse blanket, or leather characteristics intermingling with citrusy-fruity flavors and acidity.

81 European Sour Ale-Fruit Lambic
A complex, fruity, pleasantly sour, wild wheat ale fermented by a variety of Belgian microbiota, and showcasing the fruit contributions blended with the wild character. The type

of fruit can sometimes be hard to identify as fermented and aged fruit characteristics can seem different from the more recognizable fresh fruit aromas and flavors.

82 Belgian Ale-Witbier
A refreshing, elegant, tasty, moderate-strength wheat-based ale.

83 Belgian Ale-Belgian Pale Ale
A moderately malty, somewhat fruity, easy-drinking, copper-colored Belgian ale that is somewhat less aggressive in flavor profile than many other Belgian beers. The malt character tends to be a bit biscuity with light toasty, honey-like, or caramelly components; the fruit character is noticeable and complementary to the malt. The bitterness level is generally moderate, but may not seem as high due to the flavorful malt profile.

84 Belgian Ale-Biere de Garde
A fairly strong, malt-accentuated, lagered artisanal beer with a range of malt flavors appropriate for the color. All are malty yet dry, with clean flavors and a smooth character.

85 Strong Belgian Ale-Belgian Blond Ale
A moderate-strength golden ale that has a subtle fruity-spicy Belgian yeast complexity, slightly malty-sweet flavor, and dry finish.

86 Strong Belgian Ale-Saison
Most commonly, a pale, refreshing, highly-attenuated, moderately-bitter, moderate-strength Belgian ale with a very dry finish. Typically highly carbonated, and using non-barley cereal grains and optional spices for complexity, as complements the expressive yeast character that is fruity, spicy, and not overly phenolic. Less common variations include both lower-alcohol and higher-alcohol products, as well as darker versions with additional malt character.

87 Strong Belgian Ale-Belgian Golden Strong Ale
A pale, complex, effervescent, strong Belgian-style ale that is highly attenuated and features fruity and hoppy notes in preference to phenolics.

88 Trappist Ale-Trappist Single
A pale, bitter, highly attenuated and well carbonated Trappist ale, showing a fruity-spicy Trappist yeast character, a spicy-floral hop profile, and a soft, supportive grainy-sweet malt palate.

89 Trappist Ale-Belgian Dubbel
A deep reddish-copper, moderately strong, malty, complex Trappist ale with rich malty flavors, dark or dried fruit esters, and light alcohol blended together in a malty presentation that still finishes fairly dry.

90 Trappist Ale-Belgian Tripel
A pale, somewhat spicy, dry, strong Trappist ale with a pleasant rounded malt flavor and firm bitterness. Quite aromatic, with spicy, fruity, and light alcohol notes combining with the supportive clean malt character to produce a surprisingly drinkable beverage considering the high alcohol level.

91 Trappist Ale-Belgian Dark Strong Ale
A dark, complex, very strong Belgian ale with a delicious blend of malt richness, dark fruit flavors, and spicy elements. Complex, rich, smooth and dangerous.

92 Historical Beer-Gose
A highly-carbonated, tart and fruity wheat ale with a restrained coriander and salt character and low bitterness. Very refreshing, with bright flavors and high attenuation.

93 Historical Beer-Kentucky Common
A darker-colored, light-flavored, malt-accented beer with a dry finish and interesting character malt flavors. Refreshing due to its high carbonation and mild flavors, and highly sessionable due to being served very fresh and with restrained alcohol levels.

94 Historical Beer-Lichtenhainer
A sour, smoked, lower-gravity historical German wheat beer. Complex yet refreshing character due to high attenuation and carbonation, along with low bitterness and moderate sourness.

95 Historical Beer-London Brown Ale
A luscious, sweet, malt-oriented dark brown ale, with caramel and toffee malt complexity and a sweet finish.

96 Historical Beer-Piwo Grodziskie
A low-gravity, highly-carbonated, light-bodied ale combining an oak-smoked flavor with a clean hop bitterness.

97 Historical Beer-Pre-Prohibition Lager
A clean, refreshing, but bitter pale lager, often showcasing a grainy-sweet corn flavor. All malt or rice-based versions have a crisper, more neutral character. The higher bitterness level is the largest differentiator between this style and most modern mass-market pale lagers, but the more robust flavor profile also sets it apart.

98 Historical Beer-Pre-Prohibition Porter
An American adaptation of English Porter using American ingredients, including adjuncts.

99 Historical Beer-Roggenbier
A dunkelweizen made with rye rather than wheat, but with a greater body and light finishing hops.

100 Historical Beer-Sahti
A sweet, heavy, strong traditional Finnish beer with a rye, juniper, and juniper berry flavor and a strong banana-clove yeast character.

101 American Wild Ale-Brett Beer
Most often drier and fruitier than the base style suggests. Funky notes range from low to high, depending on the age of the beer and strain(s) of Brett used. Funkiness is generally restrained in younger 100% Brett examples, but tends to increase with age. May possess a light acidity, although this does not come from Brett.

102 American Wild Ale-Mixed-Fermentation Sour Beer
A sour and/or funky version of a base style of beer.

103 American Wild Ale-Wild Specialty Beer
A sour and/or funky version of a fruit, herb, or spice beer, or a wild beer aged in wood. If wood-aged, the wood should not be the primary or dominant character.

104 Fruit Beer-Fruit Beer
A harmonious marriage of fruit and beer, but still recognizable as a beer. The fruit character should be evident but in balance with the beer, not so forward as to suggest an artificial product.

105 Fruit Beer-Fruit and Spice Beer
A harmonious marriage of fruit, spice, and beer, but still recognizable as a beer. The fruit and spice character should each be evident but in balance with the beer, not so forward as to suggest an artificial product.

106 Fruit Beer-Specialty Fruit Beer
A harmonious marriage of fruit, sugar, and beer, but still recognizable as a beer. The fruit and sugar character should both be evident but in balance with the beer, not so forward as to suggest an artificial product.

107 Spiced Beer-Spice, Herb, or Vegetable Beer
A harmonious marriage of SHV and beer, but still recognizable as a beer. The SHV character should be evident but in balance with the beer, not so forward as to suggest an artificial product.

108 Spiced Beer-Autumn Seasonal Beer
An amber to copper, spiced beer that often has a moderately rich body and slightly warming finish suggesting a good accompaniment for the cool fall season, and often evocative of Thanksgiving traditions.

109 Spiced Beer-Winter Seasonal Beer
A stronger, darker, spiced beer that often has a rich body and warming finish suggesting a good accompaniment for the cold winter season.

110 Alternative Fermentables Beer-Alternative Grain Beer
A base beer enhanced by or featuring the character of additional grain or grains. The specific character depends greatly on the character of the added grains.

111 Alternative Fermentables Beer-Alternative Sugar Beer
A harmonious marriage of sugar and beer, but still recognizable as a beer. The sugar character should both be evident but in balance with the beer, not so forward as to suggest an artificial product.

112 Smoked Beer-Classic Style Smoked Beer
A smoke-enhanced beer showing good balance between the smoke and beer character, while remaining pleasant to drink. Balance in the use of smoke, hops and malt character is exhibited by the better examples.

113 Smoked Beer-Specialty Smoked Beer
A smoke-enhanced beer showing good balance between the smoke, the beer character, and the added ingredients, while remaining pleasant to drink. Balance in the use of smoke, hops and malt character is exhibited by the better examples.

114 Wood Beer-Wood-Aged Beer
A harmonious blend of the base beer style with characteristics from aging in contact with wood. The best examples will be smooth, flavorful, well-balanced and well-aged.

115 Wood Beer-Specialty Wood-Aged Beer
A harmonious blend of the base beer style with characteristics from aging in contact with wood (including alcoholic products previously in contact with the wood). The best examples will be smooth, flavorful, well-balanced and well-aged.

116 Specialty Beer-Clone Beer
Based on declared clone beer.

117 Specialty Beer-Mixed-Style Beer
Based on the declared base styles. As with all Specialty-Type Beers, the resulting combination of beer styles needs to be harmonious and balanced, and be pleasant to drink.

118 Specialty Beer-Experimental Beer
Experimental beer is produced in or as a new style, using a new recipe, or as a type of beer that does not fit within present beer style criteria or definitions.

ZZZ Mutually Defined

1833 - Grape Varietal Code

Code specifying the grape varietal

TYPE=**ID** MIN=**2** MAX=**3**

COMPOSITE DATA STRUCTURES USED IN
C073

SEGMENTS USED IN (AS COMPONENT)
WIN

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
01	Albarino Alvarinho
02	Aligote
03	Auxerrois
04	Bacchus
05	Baco Noir
06	Barbera
07	Blauburger
08	Cabernet
09	Cabernet Franc
10	Cabernet Sauvignon
11	Carignan
12	Carmenere
13	Chambourcin
14	Chancellor
15	Charbono
16	Chardonnay
17	Chasselas, Chasselas Dore
18	Chenin Blanc
19	Colombard French
20	Couderc Muscat
21	De Chaunac
22	Dolcetto
23	Dornfelder
24	Ehrenfelser
25	Faberebe
26	Foch
27	Frontenac Gris
28	Fume Blanc
29	Furmint
30	Gamay
31	Gamay de Chaudenay

32 Geisenheim
33 Gelber Muscakateller
34 Gewurztraminer
35 Goldburger
36 Graciano
37 Grenache
38 Gruner Veltliner
39 Kerner
40 L'Acadie Blanc
41 Lemberger, Limberger
42 Malbec
43 Malvasia
44 Marechal Foch
45 Marquette
46 Marsanne
47 Melon
Melon, also known as, Melon de Bourgogne is a variety of white grape grown primarily in the Loire Valley region of France.
48 Mencia
49 Merlot
50 Monastrell, Mourvedre
51 Morio Muscat
52 Muller Thurgau
53 Muscadelle
54 Muscat
55 Muscat Blanc
56 Muscat du Molin
57 Muscat Ottonel
58 Nebbiolo
59 Ortega
60 Petit Verdot
61 Petite Pearl
62 Petite Sirah
63 Pinot Auxerrois
64 Pinot Blanc
65 Pinot Bianco
66 Pinot Grigio
67 Pinot Meunier
Pinot Meunier, also known as, Meunier or Schwarzriesling, is a variety of black wine grape most noted for being one of the three main varieties used in the production of Champagne.
68 Pinot Noir
69 Pinotage
70 Richensteiner
71 Riesling

72 Riesling Italico
73 Riesling Sylvaner
74 Riesling Traminer
75 Rotberger
76 Sangiovese
77 Sauvignon Blanc
78 Savagin
79 Scheurebe
80 Semillon
81 Seyval
82 Seyval Blanc
83 Shiraz Syrah
84 Siegerrebe
85 Silvaner
86 Spatburgunder
87 St. Laurent
88 Sylvaner
89 Tempranillo
90 Touriga Nacional
91 Traminer
92 Trebbiano
93 Trollinger Rieslin
94 Veltliner
95 Verdejo
96 Vernaccia
97 Vidal
98 Villard Noir
99 Viognier
100 Weissburgunder
101 Welschriesling
102 Zinfandel
103 Zweigelt
ZZZ Mutually Defined

1834 - Primary Classification Code

Code indicating the primary class number of dangerous goods. TYPE=**ID** MIN=**1** MAX=**3**

Code Sources

84

TRANSACTION SETS USED IN

None

1835 - Marine Catch Zone

ISO assigned marine life catch location zone TYPE=**ID** MIN=**2** MAX=**3**

Code Sources

988

SEGMENTS USED IN (AS SIMPLE)

MCZ

TRANSACTION SETS USED IN

832 897

1836 - Subsidiary Classification Code

Provides subsidiary classification code of a dangerous goods trade item.

TYPE=**ID2** MIN=**1** MAX=**4**

Code Sources

84

COMPOSITE DATA STRUCTURES USED IN

C078

SEGMENTS USED IN (AS COMPONENT)

TD4

TRANSACTION SETS USED IN

104 830 832 840 843 848 850 853 855 856 857 860 861 865 870 888 897

1837 - Copy of Data Element

This is a copy of a data element

TYPE=**AN** MIN=**1** MAX=**4096**

SEGMENTS USED IN (AS SIMPLE)

CTX

TRANSACTION SETS USED IN

824 999

1838 - Dairy and non-Dairy Alternative Category

Code identifying the category of dairy and non-dairy alternative product TYPE=ID MIN=3 MAX=3

SEGMENTS USED IN (AS SIMPLE)
DAY

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
BUT	Butter dairy
BUN	Butter non-dairy
CHE	Cheese dairy
CHN	Cheese non-dairy
CRM	Cream dairy
CRN	Cream non-dairy
MLK	Milk dairy
MLN	Milk non-dairy
YOG	Yogurt dairy
YON	Yogurt non-dairy
OTH	Other

1839 - Dairy Source - Animal Type

Code identifying the type of animal milksource TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
DAY

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
BUF	Buffalo *A large bovine animal, frequently used as livestock.*
CAM	Camel *Even-toed ungulates within the genus Camelus.*
COW	Cow *A mature female of cattle.*
DON	Donkey *A domesticated member of the horse family.*
GOA	Goat *A member of the Bovidae family and is closely related to the sheep.*
HOR	Horse *A hoofed (ungulate) mammal, a subspecies of one of seven extant species of the family Equidae.*
MOO	Moose *The largest extant species in the deer family.*
PIG	Pig *An omnivorous, domesticated, even-toed, hoofed mammal.*
SHE	Sheep *Small ruminants, usually with a crimped hair called wool and often with horns forming a lateral spiral.*
YAK	Yak *A long-haired bovine found throughout the Himalayan region.*
COM	Mixed *The combination of two or more milk types.*
UUU	Other Animal MilkSource

1840 - Non-Dairy Plant-Based Type

Code identifying the type of plant based milk source TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
DAY

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
ALM	Almond *The fruit of the almond is a drupe, consisting of an outer hull and a hard shell with the seed.*
CAS	Cashew *The cashew nut is a tropical evergreen tree that produces the cashew seed and the cashew apple accessory fruit.*
COC	Coconut *The edible fruit of the coconut palm. It is a drupe and not a nut.*
FLX	Flax *A flowering plant, Linum usitatissimum, in the family Linaceae.*
HEM	Hemp *Hemp is a botanical class of Cannabis sativa cultivars grown specifically for industrial or medicinal use.*
HAZ	Hazelnut *The hazelnut is the nut of the hazel tree. Also known as Cobnut or Filbert nut.*
MAC	Macadamia nut *The macadamia nut is the fruit which is a hard, woody, globose follicle with a pointed apex, containing one or two seeds. Also known as: Queensland nut, Bush nut, Maroochi nut, Bauple nut and Hawaii nut.*
OAT	Oat *A cereal grain grown for its edible seed.*
PEA	Peanut *A legume crop grown mainly for its edible seeds. Also known as: Groundnut, Goober, Pindar, Monkey nut.*
POT	Potato *A starchy tuber of the plant Solanum tuberosum and is a root vegetable.*
QUA	Quinoa *A flowering plant in the amaranth family. It is an herbaceous annual plant.*
RIC	Rice *An edible starchy cereal grain is the seed of the grass species.*
SOY	Soybean *A species of legume native to East Asia, widely grown for its edible bean. (Soya)*
SPT	Spelt *Spelt, also known as dinkel wheat or hulled wheat is a species of common wheat.*
SUN	Sunflower *A flowering plant in the daisy family whose round flower heads in combination with the ligules look like the Sun.*

COM Mixed
The combination of two or more plant-based milk types.

UUU Other Plant-Based Milk Source

1841 - Preservation Technique

Code identifying the technique used to preserve the product from deterioration

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

DAY MAP

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
ACD	Acidification *A process where acids are used to decrease the pH of food.*
ALC	Alcohol Curing *Treatment of food by adding alcohol in order to preserve the product*
BOI	Boiling *Boiling is the rapid vaporization of a liquid, which occurs when a liquid is heated to its boiling point.*
BRI	Brining *Soaking the food in salty water/brine.*
CAN	Canning *A physical technique of preserving food that is hermetically packaged in a container and subjected to high temperatures for a time to completely destroy its microorganisms, pathogens, and spores.*
CON	Conserve *Fruit that is preserved by being cooked with sugar.*
CSC	Cold Smoke Curing *Smoking food at a temperature ranging from 70 to 90 degrees Fahrenheit.*
DEH	Dehydration *Extracting the moisture from food, which inhibits the growth of microorganisms.*
FER	Fermentation *Fermentation is the conversion of carbohydrates to alcohol or organic acids using microorganisms under anaerobic conditions.*
FFM	Fine-filtered/Microfiltered *A pasteurized product is treated to a very fine filtration process which removes virtually all the spoilage bacteria present in the product.*
FRD	Freeze Drying *Preserving food by freezing and then drying in a vacuum.*
FRE	Freezing *Freeze foods at 0 degrees Fahrenheit or lower.*
FRS	Fresh *Recently made or obtained food in its natural conditions and not altered by any preservation methods.*
HEA	Heated *Exposure of food to heat such as cooking, grilling, etc.*
HPP	High Pressure Pasteurization *High Pressure Pasteurization is a pasteurization process where the product is treated with pressure and heat between 0°C and 120°C.*

HPR High Pressure Processing
High Pressure Processing (HPP) is a pasteurization process where the product is treated with pressure without the use of heat.

HSC Hot Smoke Curing
Smoking the food at temperatures ranging from 100 to 190 degrees Fahrenheit.

HTS High temperature short time (HTST)
High temperature short time (HTST) pasteurization requires fluid milk to be heated to 72°C for 15 seconds (continuous flow pasteurization).

HTT High Temperature Treated
High Temperature Treatment (HTT) pasteurization requires fluid milk to be heated to 127°C for 2 seconds.

IRR Irradiation
Exposing food to ionizing radiation in order to disinfest, sterilize, or preserve food.

PAS Pasteurization
Food is treated with heat ranging from 60°C to 85°C.

PWA Preserved without Artificial Nitrates
A food is treated with natural curing agents and without artificial nitrates, e.g. celery powder.

QFR Quick Freezing
Freezing food rapidly to preserve its qualities.

REF Refrigerated
Chilling and keeping food cold to preserve it.

SGC Sugar Curing
Treatment of food by adding sugar in order to preserve the product.

STC Salt Curing
Treatment of food by adding salt in order to preserve the product.

STR Sterilization
A method of food preservation that effectively kills or eliminates transmissible agents such as fungi, bacteria, viruses, and spore forms.

UAV Under a Vacuum
Low temperature, long time cooking under vacuum. Also known as sous vide.

ULF Ultra-filtered
A pasteurized product that is passed through filters that permit the smaller lactose, water, mineral, and vitamin molecules to pass through the membrane while the larger protein and fat molecules are retained and concentrated.

ULT Ultra High Temperature
Ultra High Temperature (UHT) is a pasteurization process where the product is treated with high heat between 135°C and 155°C.

UMA Under Modified Atmosphere
Modified atmosphere is the practice of modifying the composition of the internal atmosphere of a package in order to improve the shelf life of food products.

VAP Vacuum Packed
Vacuum packing is a preserving process of creating a vacuum that removes the air before sealing, which prevents the growth of microorganisms.

1842 - Cheese Type

Code identifying the cheese type TYPE=**ID** MIN=**1** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
CHI

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
1	American Cheese *A type of processed cheese that is smooth hard white or yellow cheese similar to a mild cheddar.*
2	Bavarian Blue *Bavarian cheese spread, also known as obatzter, obazda, obazde, obazd'n and obatzda, is a strong cheese spread made with ripe Camembert, cream cheese, butter, onions, spices, and beer.*
3	Beaufort *A firm, raw cow's milk cheese with pale yellow color. It has a smooth and creamy texture and lacks holes like other Gruyère-style cheeses, e.g. Comté, Vacherin Fribourgeois, or Emmental.*
4	Beer Cheese *A cheese spread usually consists of a processed cheese base with a sharp cheddar flavor. To this, enough beer is added to provide flavor and texture, as well as garlic, and a variety of spices including dry mustard, horseradish, and cayenne pepper.*
5	Blue Cheshire *A dense and crumbly cheese that has blue veins like Stilton or Shropshire Blue but is less creamy than Stilton and is not colored orange as Shropshire Blue.*
6	Blue Shropshire *A blue cheese that is made from pasteurized cow's milk and uses vegetable rennet. The orange color comes from the addition of annatto, a natural food coloring. Penicillium roqueforti produces the veining.*
7	Blue Stilton *A blue cheese that is made from pasteurized milk. Penicillium roqueforti is added to generate a characteristic smell and taste.*
8	Brick Cheese *A semisoft, sweet-tasting cheese, made from the whole milk of cows and produced in brick form.*
9	Brie *A soft cow's-milk cheese that is pale in color with a slight grayish tinge under a rind of white mould. The rind is typically eaten.*
10	Brunost Gjetost *A farmhouse and creamery semi-hard cheese, which is made with whey, milk, and/or cream. Also known as Geitost, Mysost, Brown cheese.*
11	Buttercheese *A semi-soft, cow's milk cheese (Butterkäse) that has a buttery flavor and appearance. It is often described as mild, partly due to its brief aging time.*

12 Caboc
A cream cheese made with double cream or cream-enriched milk. This rennet-free cheese is smooth, slightly thicker and grainier than clotted cream, while the color is a pale primrose yellow.

13 Cabrales
A blue cheese that can be made from pure, unpasteurized cow's milk or blended in the traditional manner with goat and/or sheep milk, which lends the cheese a stronger, spicier flavor.

14 Caciocavallo
A type of stretched-curd cheese made out of sheep's or cow's milk. Shaped like a teardrop, it is similar in taste to the aged Southern Italian Provolone cheese with a hard edible rind.

15 Caerphilly
A hard, crumbly white cheese that is made from cow's milk, and generally has a fat content of between 45% and 55%. It has a mild taste, with a tang of lemon.

16 Camembert
A moist, soft, creamy, surface-ripened cow's milk cheese.

17 Cantal
An uncooked firm cheese with a strong, tangy butter taste that grows with age. A well-ripened Cantal has a vigorous nutty and tangy taste, while a young cheese has a hint of the sweet and buttery taste of raw milk.

18 Chaource
A cow's milk cheese, cylindrical in shape. It has a soft-ripened, creamy, and a little bit crumbly, non-elastic texture and is surrounded by a white Penicillium candidum rind.

19 Cheddar
A relatively hard, off-white (or orange if colorings such as annatto are added), sometimes sharp-tasting, natural cheese.

20 Colby
A semi-hard cow's milk cheese with a Hazel-nutty flavor and an orange color. It is often found blended with Manchego cheese.

21 Colby Jack
A cheese that is made from Colby and Monterey Jack. It is classified as semi-hard in texture and is mild due to its two-week aging process.

22 Colwick
A fresh cheese that is soft, curdy, and similar to cream cheese in texture but slightly more sour in flavor. The cheese is produced in such a way that it has a distinctive bowl shape and traditionally locals would fill the bowl with different fillings, both sweet and savory.

23 Cottage Cheese
A simple fresh cheese curd product with a mild flavor and a creamy, non-homogenous, soupy texture. It is also known as curds and whey. It is made from cow's milk by draining the cheese.

24 Coulommiers
A soft-ripened cheese that is made from cow's milk and is usually in the shape of a disc with white, bloomy, edible Penicillium candidum rind.

25 Cream Cheese
A soft, usually mild-tasting, fresh cheese made from milk and cream.

26 Curd Cheese
Curd cheese is the moist pieces of curdled milk that are made from fresh pasteurized milk in the process of creating cheese.

27 Danish Blue
A strong, blue-veined cheese (Danablu). It is a semi-soft creamery cheese typically drum- or block-shaped and has a yellowish, slightly moist, edible rind. Made from full-fat cow's milk and homogenized cream.

28 Dolcelatte
A blue-veined soft cheese that is made from cow's milk and has a sweet taste.

29 Double Gloucester
A traditional, full-fat, hard cheese made from pasteurized or unpasteurized cow's milk.

30 Dunlop
A sweet-milk cheese made from pasteurized cow's milk. When young, the cheese develops a nutty flavor and smooth, close texture. As it matures, the texture becomes firm and builds up sharp flavors.

31 Edam
A semi-hard cheese that is traditionally sold in flat-ended spheres with a pale-yellow interior and a coat, or rind, of red paraffin wax.

32 Emmenthal
A yellow, medium-hard cheese with savory but mild taste that is classified as a Swiss-type or Alpine cheese. Also know as Emmental or Emmentaler.

33 Époisses
Époisses is a pungent, soft-paste cow's milk cheese with a distinctive, soft red-orange color.

34 Esrom
A Trappist-style, pale yellow, semi-soft, cow's milk cheese which has a pungent aroma and a full, sweet flavor. Esrom is a porous cheese with many small holes throughout and is slightly elastic and buttery in texture. It is also known as Danish Port Salut.

35 Farmer Cheese
A pressed cottage cheese that is made by adding rennet and bacterial starter to coagulate and acidify milk. Farmer cheese may be made from the milk of cows, sheep or goats, with each giving its own texture and flavor.

36 Feta
A brined curd, white cheese that is soft with small or no holes, a compact touch, few cuts, and no skin. It is formed into large blocks and aged in brine. Its flavor is tangy and salty, ranging from mild to sharp.

37 Fontina
A semi-soft to hard cheese that is mild to medium-sharp in flavor from cow's milk. The characteristic flavor of Fontina is mild but distinctively nutty and savory.

38 Fourme d'Ambert
A semi-hard, blue cheese that is made from raw cow's milk with a distinct and narrow cylindrical shape. It is inoculated with Penicillium roqueforti spores and aged for at least 28 days.

39 Fromage Blanc
A creamy, soft cheese made with whole or skimmed milk and cream.

40 Fromage de chevre
A cheese made from goat's milk (Goat cheese). It is made in a wide variety of styles, from soft, fresh cheese to hard, aged cheese.

41 Fromage Frais
A type of white cheese, usually made with skim milk, with a variety of textures depending upon how it has been produced. It is often used in combination with other ingredients such as savory spices or sweet berries.

42 Geheimratskäese
A pasteurized, cow's milk cheese that has a light-yellow color with small holes and a mild, aromatic flavor. It has a waxed rind, which is usually red.

43 Gorgonzola
A veined, blue cheese made from unskimmed cow's milk. It can be buttery or firm, crumbly and quite salty, with a "bite" from its blue veining.

44 Gouda
A sweet, creamy, yellow, semi-hard to hard cow's milk cheese.

45 Gruyère
A hard, yellow cheese that is classified as a Swiss-type or Alpine cheese, and is sweet but slightly salty, with a flavor that varies widely with age.

46 Halloumi
A semi-hard, unripened cheese made from a mixture of goat's and sheep's milk, and sometimes also cow's milk.

47 Havarti
A semi-soft, cow's milk cheese. Havarti is a washed-curd cheese, which contributes to the subtle flavor of the cheese. It is an interior-ripened cheese that is rindless, smooth, and slightly bright-surfaced with a cream to yellow color depending on type.

48 Jarlsberg
A mild cheese made from cow's-milk, with large, regular eyes. It has a yellow, wax rind and a semi-firm, yellow interior.

49 Kochkaese
A spreadable, creamy, sour milk cheese (cooked cheese).

50 Lancashire
A cow's milk cheese with a crumbly texture and a mild flavor when the cheese is young, but as it becomes older, the taste matures and becomes sharper.

51 Leyden
A semi-hard, cumin-and-caraway-seed-flavored cheese made from cow's milk.

52 Manchego
A firm and compact sheep's milk cheese with a buttery texture, often containing small, unevenly distributed air pockets. The color of the cheese varies from white to ivory-yellow, and the inedible rind from yellow to brownish-beige.

53 Marbled Cheese
A name given to cheeses with marbled patterns. It is usually hard, processed cow's milk cheese produced by combining either two different colored curds, cheese curds, or processed cheeses.

54 Monterey Jack
A white, semi-hard cheese made using cow's milk. It is noted for its mild flavor and slight sweetness.

55 Mozzarella
A semi-soft, fresh cheese made by the pasta filata (stretched-curd) method.

56 Muenster
A semi-soft cheese that is pale in color and smooth in texture with an orange rind. The cheese is made from pasteurized cow's milk. Also known as Munster.

57 Mycella
A soft, artisan, blue-veined, cow's milk cheese. It is moist and creamy, a little salty but not bitter, and belongs to the blue cheese family. It comes with a blue-green mold and a mild aromatic taste. Also know as Danish Gorgonzola.

58 Neufchatel
A soft, slightly crumbly, mold-ripened, cow's milk cheese.

59 Ossau Iraty
A medium-firm, sheep's milk cheese. Ossau-Iraty cheese crust is yellow-orange to gray, and the body color ranges from white to cream, depending on how it has been matured.

60 Parmesan
A hard, granular cheese produced from unpasteurized cow's milk.

61 Pecorino
A hard cheese made from sheep's milk. Pecorinos are traditional, creamery, hard, drum-shaped cheeses.

62 Petit Munster
A semi-soft, wash-rind cheese that has a strong aroma and slightly sticky outer surface.

63 Pimento Cheese
A cheese spread or relish made with cheese, mayonnaise, and pimentos.

64 Pipo Crem
A soft to semisoft, blue cheese made with cow's milk. It is a smooth, creamy, ivory paste with blue veining and a thin, white, penicillin rind.

65 Processed Cheese
A food product made from cheese and other unfermented dairy ingredients mixed with emulsifiers. Additional ingredients, such as vegetable oils, salt, food coloring, or sugar may be included.

66 Provolone
An aged, pasta filata (stretched-crud) cheese.

67 Queso Quesadilla
A semi-soft, white, string-type, Hispanic-style cheese made from cow's milk.

68 Raclette
A raw, semi-hard, mildly flavored cheese made from cow's milk which is used for melting and grilling.

69 Reblochon
A soft, washed-rind, and smear-ripened cheese made from raw cow's milk.

70 Red Cheshire
A dense and crumbly cheese that is colored with annatto to a shade of deep orange.

71 Red Leicester
A crumbly-textured cheese, typically sold at 6 to 12 months of age. The rind is reddish-orange, with a powdery mold on it. Also known as Leicester or Leicestershire cheese.

72 Ricotta
A whey cheese made from sheep, cow, goat, or water buffalo milk whey left over from the production of other cheeses.

73 Romano
A class of hard, salty cheese suitable primarily for grating, similar to Pecorino Romano. Romano cheese can be made from cow, goat, and/or sheep's milk.

74 Roquefort
A semi-hard, sheep's milk cheese that is white, tangy, crumbly, and slightly moist, with distinctive veins of blue mold.

75 Roule
A cheese with a soft and creamy texture, that is usually flavored with herbs and garlic.

76 Saint Marcellin
A soft, mold-ripened cheese made from unpasteurized cow's milk.

77 Saint Paulin
A creamy, mild, semi-soft cheese made from pasteurized cow's milk. Saint-Paulin is a buttery cheese, but firm enough for slicing.

78 Sapsago
A traditional, hard cheese that is made out of skimmed cow's milk and a special kind of herb, blue fenugreek. Also known as Schabziger.

79 Sbrinz
A very hard cheese made from cow's milk. It is often used instead of Parmesan cheese in Swiss cuisine.

80 Swiss Cheese
A generic name for several varieties of cheese. It is an American version of the Swiss Emmental and is known for being a shiny, pale yellow color. While it has a firmer texture than baby Swiss, its flavor is mild, sweet, and nut-like. It has a savory, but not very sharp taste

81 Taleggio
A semisoft, washed-rind, smear-ripened cheese that has a thin crust and a strong aroma, but its flavor is comparatively mild with an unusual fruity tang.

82 Tilsiter
A pale-yellow, semi-hard, smear-ripened cheese made from unpasteurized/pasteurized cow's milk.

83 Tomme Au Raisin
A variety of Tommee cheese that is pressed, uncooked. Fruity and mellow with a very slight sharpness.

84 Weisskaese White Cheese
Weisskaese or Weichkaese is a soft cheese. It is a generic term for all soft cheeses with a relatively high-water content. Weisskaese white cheese has a velvety white coating of mold.

85 Wensleydale
A historic, mild cheese that is made from pasteurized cow's milk. Wensleydale is a medium cheese that is supple and crumbly and has a slight honey aroma.

86 White Cheshire
A crumbly cheese that is dense and semi-hard, and is defined by its moist, crumbly texture and mild, salty taste.

87 Danbo
Danbo is a ripened firm/semi-hard cheese

88 Samso
Samso is a ripened hard cheese.

89 Other

1843 - Relative Firmness of Cheese

Code identifying the firmness of the cheese relative to the moisture content

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CHI

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
ES	Extra soft *Very high moisture content cheese.*
SF	Soft *High moisture content cheese.*
SS	Semi soft *Moderate moisture content cheese.*
FM	Firm *Low moisture content cheese.*
HD	Hard *Very low moisture content.*
EH	Extra hard *Extremely low moisture content.*

1844 - Surface of Cheese at End of Ripening

Code identifying whether or not a cheese contains a rind at the end of the maturing process

TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)

CHI

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
NR	No Rind *No outside shell of cheese has formed during the cheese making process.*
RD	Rind *Outside shell of cheese that forms during the cheese making process.*
SR	Soft-ripened mold rind *Soft-ripened cheeses begin firm and rather chalky in texture, but are aged from the exterior inwards by exposing them to mold*

1845 - Cheese Ripening Process

Code identifying ripening progress within the cheese TYPE=**ID** MIN=**2** MAX=**2**

SEGMENTS USED IN (AS SIMPLE)
CHI

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
RD	Ripened *The ripening process develops within the whole body of the cheese.*
SR	Surface ripened *The ripening process starts from the surface and moves into the body of the cheese. These cheeses are often one color on the exterior and another on the interior; the interior is usually soft and buttery. The outer 'rind' can be consumed and may be washed prior to packaging.*
BV	Blue veined *The cheese that is exposed to mold is ripened and the veins of mold appears within the body of the cheese.*
FR	Fresh *The cheese has not undergone any ripening. They are 'fresh' and often spreadable.*

1846 - Fish, Seafood, and Marine Life Source

Code identifying the source of fish, seafood, and marine life TYPE=ID MIN=3 MAX=3

SEGMENTS USED IN (AS SIMPLE)
FSH

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
CFA	Fish List CFIA *Canadian Food Inspection Agency (CFIA) is a regulatory agency that is dedicated to the safeguarding of fish.* SEE CODE SOURCE 943
SUR	Surimi *A mix of fish that is minced to make a gelatinous paste that is then flavored, reformed into many shapes, and colored. It is often used to mimic the meat, texture and color of lobster, crab, eel, or shellfish.*
OTH	Other *Names of the other fish, seafood, and marine life source*

1847 - Salt and Moisture Content

Code identifying the salt and moisture content of the product by using the appropriate expression

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

FSH

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
DHS	Dried heavy salted *After the final production process is completed, the salt content of the finished product is relatively heavy and moisture content is significantly reduced.*
EHS	Extra heavy salted *After the final production process is completed, the salt content of the finished product is relatively heavy, but the moisture content is not significantly reduced.*
ELS	Extra light salted *After the final production process is completed, the salt content of the finished product is relatively very low.*
LTS	Light salted *After the final production process is completed, the salt content of the finished product is relatively light/low.*
NST	No salt *Salt not added*

1848 - Fish Size Code Designation

Code identifying the size designation of fish based on their length, from the tip of the nose to the tail end

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

FSH

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
SML	Small *Scotch Cure Herring: 230 mm or longer but under 255 mm. Herring and Split Herring: 180 mm or longer but under 230 mm. Spring Mackerel: 255 mm or longer but under 330 mm.* SEE CODE SOURCE 943
MAT	Matt *Scotch Cure Herring: 255 mm or longer but under 280 mm.* SEE CODE SOURCE 943
MED	Medium *Scotch Cure Herring: 280 mm or longer but under 305 mm. Herring and Split: 230 mm or longer but under 280 mm. Alewives: 200 mm or longer but under 255 mm. Spring Mackerel: 330 mm or longer but under 380 mm.* SEE CODE SOURCE 943
LRG	Large *Scotch Cure Herring: 305 mm or over. Herring and Split Herring: 280 mm or over. Alewives: 255 mm or over.* SEE CODE SOURCE 943
MIX	Mixed *Alewives: 200 mm or over.* SEE CODE SOURCE 943
NOF	No. 4 (ungraded) *Alewives: Ungraded for size.* SEE CODE SOURCE 943

1849 - Product Packed In

Code identifying the liquid substance, such as water, sauce, oil, or other food mediums, that surrounds the primary product in the package

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

FSH MAP

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
BRN	Brine *Brine is a simple solution of water and salt that is commonly used to preserve or season the food.*
BRO	Broth *Broth is a savory liquid made of water in which bones, meat, fish, or vegetables have been simmered.*
GLT	Gelatin *Gelatin is a translucent, colorless, brittle (when dry), and flavorless substance derived from collagen obtained from connective tissues and bones of animals.*
OIL	Oil *Oil is plant, animal, or synthetic fat used in frying, baking, and other types of product preparation.*
OVO	Olive oil *Olive oil is a liquid fat obtained from olives, a traditional tree crop.*
SAC	Sauce *Sauce is a liquid or a semi-liquid mixture that is added to food as it cooks or when it is served.*
SBO	Soybean oil *Soybean oil is extracted from the seeds of the soybean.*
SFO	Sunflower oil *Sunflower oil is the non-volatile oil pressed from the seeds of sunflowers.*
WTR	Water *Water is an inorganic, transparent, tasteless, odorless, and nearly colorless substance.*

1850 - Made From

Code identifying what the content of the product it is made from TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
FSH

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
DMT	Dark Meat Tuna *The meat is darker in color, more red and pink than light meat. This tuna typically comes from either Skipjack or Yellowfin tuna.*
LMT	Light Meat Tuna *The meat is light in color – somewhere between a light tan and tan-ish pink. This tuna typically comes from either Skipjack or Yellowfin tuna.*
WMT	White Meat Tuna *This tuna comes from Albacore tuna and the meat is relatively white-colored.*
FLM	Frozen Lobster Meat *Lobster meat is typically harvested from the tail, legs, knuckles, and the large claws.*
MFS	Minced Fish *Made from fish flesh separated from the fish in a comminuted form free from scales, skin and bones.*
FRF	Fresh Fish *Made from fresh fish ingredient that has never been frozen and is raw, uncooked, unprocessed and not preserved.*
FZF	Frozen Fish *Fish subjected to freezing in a manner to preserve the inherent quality of the fish.*
FFF	Fresh and Frozen Fish *Made from both fresh and previously frozen fish.*
PFF	Previously Frozen Fish *Fish that has been frozen and thawed.*
PAT	Pasteurized *Food made with specified ingredients which are pasteurized.*
UPA	Unpasteurized *Food made with specified ingredients which are not pasteurized or are raw.*
FMT	Fresh Meat *The food product has never been frozen.*
FZM	Frozen Meat *The food product was subjected to freezing in a manner to preserve its inherent quality.*
FFM	Fresh and Frozen Meat *Food made from both fresh and previously frozen products.*
PFM	Previously Frozen Meat *Food made from previously frozen and thawed product.*
DPL	Dry Pack Lobster *Lobster or crustacean meat that has been vacuum packed, with no water or brine added to the final product.*

1851 - Animal Species

Code identifying the type of animal used to produce the food product TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
MAP

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
ALG	Alligator *A crocodilian in the genus Alligator of the family Alligatoridae.*
ALP	Alpaca *A long-haired domesticated South American mammal related to the llama.*
ANT	Antelope *A common name referring to many species of even-toed ruminants that are indigenous to various regions in Africa and Eurasia.*
APE	Ape *A large primate that lacks a tail, including the gorilla, chimpanzees, orangutan, and gibbons.*
ASS	Ass *A domesticated member of the horse family.*
BER	Bear *Mammals of the family Ursidae.*
BFC	Beefalo/Cattalo *A hybrid animal of a cross between cattle and buffalo.*
BOR	Boar *A wild relative of the domestic pig.*
BUF	Buffalo *A large bovine animal, frequently used as livestock.*
CAF	Calf/Veal *A general term for a juvenile member of any species of domestic cattle which is intentionally raised to be processed at a young age.*
CML	Camel *Even-toed ungulates within the genus Camelus.*
CAP	Capon *A cockerel (rooster) that has been castrated or neutered, either physically or chemically, to improve the quality of its flesh for food.*
CAT	Cat *A small domesticated carnivorous mammal with soft fur, a short snout, and retractable claws.*
CKN	Chicken *A domesticated fowl.*
COK	Cockerel *A male chicken.*
COW	Cow *A domesticated member of the subfamily Bovinae.*
CRC	Crocodile *Any species belonging to the family Crocodylidae.*

DER Deer
Ruminant mammals forming the family Cervidae.

DOG Dog
A domesticated form of the wolf, a member of the Canidae family of the order Carnivora.

DUK Duck
Aquatic birds, mostly smaller than the swans and geese.

DKL Duckling
A young duck.

ELK Elk/Wapiti
A red deer of a large race native to North America, North Asia and North Europe.

EMU Emu
A flightless bird, native to Australia, which looks similar to the ostrich.

ERO European robin
A small thrush related to the chats, typically having a brown back with red on the breast or other colorful markings.

FIN Finch
A seed-eating songbird that typically has a stout bill and colorful plumage in the order Fringillidae.

FOL Fowl
Non-domesticated birds in general, but usually refers to birds belonging to one of two biological orders, namely the game or land fowl and the waterfowl.

FRG Frog
Amphibians in the order Anura.

GNU Gnu
A large, hoofed mammal that lives in Africa. Also known as Wildebeest.

GOT Goat
A member of the Bovidae family and is closely related to the sheep.

GOS Goose
A bird belonging to the family Anatidae.

GRS Grouse
A ground-nesting bird heavily built like other Galliformes such as chickens.

GFL Guinea fowl
An insect- and seed-eating, ground-nesting bird resembling a partridge.

GUP Guinea pig
A tailless South American rodent.

HAR Hare
A herbivorous mammal belonging to the genus Lepus, which is distinguished from rabbits.

HEN Hen
A female bird, especially of a domestic fowl.

HOR Horse
A hoofed mammal, a subspecies of one of seven extant species of the family Equidae.

INV Invertebrate
A paraphyletic group of animals that neither possess nor develop a vertebral column.

KAN Kangaroo
A large, plant-eating marsupial with a long, powerful tail and strongly developed hind limbs.

LAM Lamb
A young domestic sheep.

LDS Land Snail
A member of the molluscan class Gastropoda that have coiled shells in the adult stage and live on land.

LLA Llama
A domesticated South American camelid.

MON Monkey
A common name referring to certain groups or species of simian mammals.

MOS Moose
The largest extant species in the deer family.

MUT Mutton
The flesh of sheep, especially mature sheep, used as food.

OST Ostrich
Large flightless bird native to Africa.

OXX Ox
An adult castrated male of any domesticated species of cattle.

PRT Partridge
A medium-sized bird, intermediate between the larger pheasants and the smaller quails.

PST Pheasant
A bird in the subfamily of Phasianidae in the order Galliformes.

PGN Pigeon
A bird in the family Columbidae.

POK Pork
Meat from the domestic pig.

PSN Poussin
A young chicken, less than 28 days old at slaughter.

QUL Quail
Several genera of mid-sized birds in the pheasant family.

RBB Rabbit
A small mammal in the family Leporidae of the order Lagomorpha.

RAT Rat
A medium-sized, long-tailed rodent of the superfamily Muroidea.

RND Reindeer/Caribou
An Arctic- and Subarctic-dwelling deer, widespread and numerous across the Arctic and Subarctic.

REH Rhea
A large flightless bird of South American grasslands, resembling a small ostrich with grayish-brown plumage.

RSD Roe Deer
A deer species of Europe, Asia Minor, and Caspian coastal regions.

SHP Sheep
A small ruminant, usually with a crimped hair called wool and often with horns forming a lateral spiral.

SHF Shellfish
A colloquial and fisheries term for exoskeleton-bearing aquatic invertebrates used as food, including various species of mollusks, crustaceans, and echinoderms.

SNK Snake
Elongate, legless, carnivorous reptiles of the suborder Serpentes.

SNP Snipe
Any of nearly 20 wading bird species in three genera in the family Scolopacidae.

SPR Sparrow
Small passerine birds in the family Passeridae.

SQB Squab
A culinary term for an immature domestic pigeon, typically under four weeks old.

SQR Squirrel
An agile, tree-dwelling rodent with a bushy tail.

STR Starling
A gregarious songbird with a straight bill, typically with dark lustrous or iridescent plumage but sometimes brightly colored.

TRS Thrush
Plump, soft-plumaged, small to medium-sized passerine bird.

TRK Turkey
A large bird in the genus Meleagris.

TRT Turtle
A reptile characterized by a special bony or cartilaginous shell developed from their ribs that acts as a shield.

VEN Venison
The flesh of the deer family or other animals with antlers.

WBF Water buffalo
A large, black, domesticated buffalo with heavy, swept-back horns, used as a beast of burden throughout the tropics.

WDC Woodcock
The woodcocks are a group of seven or eight very similar living species of wading birds in the genus Scolopax.

YAK Yak
A long-haired bovine found throughout the Himalayan region of south Central Asia, the Tibetan Plateau, and as far north as Mongolia.

ZEB Zebra
An African wild horse with black-and-white stripes and an erect mane.

1852 - Type of Nuts

Code Identifying the type of nuts TYPE=**ID** MIN=**6** MAX=**6**

SEGMENTS USED IN (AS SIMPLE)
NUT

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
TN0660	Almonds *The fruit of the almond is a drupe, consisting of an outer hull and a hard shell with the seed.*
TN0662	Brazil nuts *A large, three-sided nut with an edible kernel, several of which grow inside a large woody capsule.*
TN0295	Cashew nuts *An edible, kidney-shaped nut which is roasted and shelled before it can be eaten.*
TN0664	Chestnuts *A glossy brown nut that may be roasted and eaten. Also known as: Sardian nut, Jupiter's nut, and Spanish chestnut.*
TN0666	Hazelnuts *Hazelnut is the nut of the hazel tree. Also known as Cobnut or Filbert nut.*
TN0669	Macadamia nuts *A hard, woody, globose follicle with a pointed apex, containing one or two seeds. Also known as Queensland nut, Bush nut, Maroochi nut, Bauple nut, and Hawaii nut.*
SO0697	Peanuts *A legume crop grown mainly for its edible seeds. Also known as Groundnut, Goober, Pindar, Monkey nut.*
TN0672	Pecans *A smooth brown nut with an edible kernel similar to a walnut.*
TN0673	Pine nuts *A Pine nut is the edible seed of pines. Also known as Pine seeds.*
TN0675	Pistachio nuts *An edible, pale green seed of an Asian tree.*
TN0678	Walnuts *Walnut is the edible seed of a drupe and thus not a true botanical nut. It is commonly consumed as a nut.*

1853 - Manufacturer Preparation Type Code

Code identifying the preparation methods that a manufacturer has used on the product or a component of the product during the manufacturing process

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

MPT

TRANSACTION SETS USED IN

832 897

CODE	DEFINITION & EXPLANATION
BAK	Baked *Cooking food in an oven by dry heat applied evenly throughout the oven.*
BAS	Basted *Basting is a cooking technique that involves cooking meat with either its own juices or some type of preparation such as a sauce or marinade. Similar to Pre-basted, Deep-basted, and Self-basting.*
BBQ	Barbecued *Method of cooking meat with the heat, hot gasses, or flames of a fire*
BLC	Block *A product is formed or shaped into a larger geometric shape than what would be used for a serving or use. It is intended that the user would cut, slice, or otherwise separate portions of the item for individual consumption or use.*
BON	Boneless *The bones (vertebrae) have been removed from the flesh portion.*
BRA	Breaded *A process where a piece of uncooked meat, poultry, fish, or other seafood is coated with a combination of batter and breading or (cracker) crumbs.*
BRE	Breast bone removed *A meat or poultry product that has had the sternum bone removed.*
CHU	Chunk *A product is broken up into medium or larger pieces of irregular shape.*
CON	Contains giblets *The liver, heart, gizzard, and neck of a chicken or fowl.*
COO	Cooked *Subjected to heat for a time sufficient to produce the characteristics of a cooked product. The product must be ready-to-eat. Also referred as fully cooked.*
COR	Corned *The treatment of meat with large-grained rock salt, also called "corns" of salt, together with sodium nitrite, potassium nitrite, or any combination of them.*
CRU	Crumbled *A product is broken up into medium- or smaller-sized pieces of irregular shape.*
CUB	Cubed *A product is cut into small- to medium-sized squares or rectangles.*
CUT	Cultured *Bacterial cultures are added to pasteurized cream to develop flavor before it is churned into butter.*

DRI Dried
The product is dried, a process to remove the moisture of the product. The product must be ready-to-eat.

FIL Fillet
A fleshy boneless piece of meat from near the loins or the ribs of an animal.

FLK Flaked
Flaked is the leftover pieces of meat, poultry, or fish. It consists of small-sized pieces, or "flakes"

FRE Freeze dried
The product is dried by a process of freeze-drying.

FWS Filtered Wood Smoke
The use of smoke derived from burning select (hard) woods, then filtered to remove large particles. The bioactive compounds found in smoke are used to impart color and flavor.

GBB Graded before Basting
Product is graded before basting. It is a cooking technique that involves cooking meat with either its own juices or some type of preparation such as a sauce or marinade.

GBF Graded before Stuffing
Product is graded before stuffing. Stuffing, filling, or dressing is an edible mixture, composed of bread, grain, herbs, fruit, nuts, vegetables, fat or other ingredients, used to fill a cavity in the preparation of another food item.

GBS Graded before Seasoning
Product is graded before Seasoning. Seasoning is the process of adding herbs, salts or spices to food to enhance the flavor.

GRT Grated
A product is reduced into smaller pieces by rubbing or scraping on something rough.

INS In shell
A product is with or in its original shell. Can also be referred to as "with shell" and "shell on."

JEL Jellied
Indicates that a gelling agent (agar, carrageenan, or gelatin) has been used in the product.

LIQ Liquid Smoke
The product is subjected to heat in the presence of a vaporized liquid smoke solution.

LIU Liquid Smoke Flavor
A flavor additive, "flavoring," based on liquid smoke.

MAY May have parts missing
A product that has parts missing. Example: poultry missing a leg.

MCK May contain kidneys
A pair of organs in the abdominal cavity of mammals, birds, and reptiles excreting urine.

MIN Minced
A food preparation technique in which food ingredients are finely divided into uniform pieces.

MSM Mechanically Separated Meat
A process where an edible meat is obtained by removing most of the bone and cartilage from a comminuted meat product from which the bone and cartilage was not previously removed.

MTD Mechanically Tenderized
A process where the integrity of a solid and uncooked meat or poultry surface has been compromised by being pierced by blades, needles, or other similar instruments, or the meat/poultry has been injected with a marinade or other tenderizing solution.

NTJ Natural Juices
The liquid obtained from or present in fruit or vegetables.

PRB Protein Binders
Treatment of meat or poultry products with functionally active proteins such as fibrinogen or transglutaminase to allow the proteins in the meat or poultry to encapsulate fat and hold fat and water together in the final sausage or product.

PUR Purified Smoke
A wood smoke process of the product whereby the unhealthy substances found in unpurified smoke, such as polycyclic aromatic hydrocarbons (PAHs), ash, and tar, have been removed.

ROA Roasted
Cooking method that uses dry heat, whether an open flame, oven, or other heat source.

ROL Rolled
A meat, poultry, or fish product which has been boned, rolled, and tied.

SAL Salted
Indicates salt (sodium chloride) was added during manufacturing process.

SAM Salmon Tips
Fish trimmings, not minced, from the tail and nape sections of a fish.

SEA Seasoned
Seasoning is the process of adding herbs, salts, or spices to food to enhance the flavor.

SEB Semi-boneless
A meat or poultry product which has been at least 45% deboned. Partial removal of bones can facilitate rolling or stuffing the product.

SED Semi-dry
The product is partially dried, a process to reduce the moisture of the product. The product must be ready-to-eat.

SFB Salted Split Fish with Backbone
The backbone is made up of a series of vertebrae that supports the body and also protects the spinal cord.

SHA Shaved
A product is cut into thin layers that are larger than what would be termed shredded, but not as uniform as sliced.

SHK Shankless
A meat or poultry from which the forelimb or foreleg has been removed at the elbow joint, or from which the hind limb of the hind leg has been removed at the knee joint.

SHR Shell Removed
A product is without its shell. It can also be referred to as peeled for shellfish.

SKI Skinless
Refers to the skin being removed, exposing the flesh.

SLC Sliced
A product is cut into thin, flat pieces from a larger portion.

SLD Solid
This term indicates how the meat, poultry, or fish was packaged. Solid means it was packaged as a whole loin piece.

SPR Spreadable
A product is formulated in such a fashion as to be easily smoothed out onto another item.

SRD Shredded
A product is pushed across or through a shredding surface to make long, narrow strips.

SSF Salted Split fish
Split Fish is fish cut open from throat to vent or tail, or from nape to tail. Gills, guts and roe removed. Head may sometimes be removed. The backbone may be left in or removed, except for an inch or two at the tail.

STI Stick
A product is cut or formed into individual strips. Even in the stick state the item is still a solid product.

STR String
Item may appear to be a stick, but it is comprised of multiple string-shaped fibers. When the item is separated, or consumed, it takes on the string state.

STS Slit Shell
A product is within its original shell with one exception that the shell has been slit along the back. Can also be referred to as Easy Peel, EZ peel and Zipperback

STU Stuffed
Stuffing, filling, or dressing is an edible mixture, composed of bread, grain, herbs, fruit, nuts, vegetables, fat or other ingredients, used to fill a cavity in the preparation of another food item.

UNP Unprepared
The initial state of the product.

UNS Unsalted
Unsalted indicates salt (sodium chloride) was NOT added.

WDS Wood Smoke
Process of curing, cooking, or seasoning food by exposing it for long periods of time to the smoke from a wood fire. Smoked

WEG Wedged
A product is cut in triangular shaped pieces. In some cases, one side of the triangle may be an arc, specifically if the wedge was cut from an item which is in the shape of a wheel or circle.

WHE Wheel
A product is formed in a round shape resembling a wheel or circle.

WHP Whipped
Process of beating food with a whisk or mixer to incorporate air and produce volume.

OTH Other

1854 - Free-form Extended Text 500 characters

Free-form extended message 500 characters text TYPE=**AN** MIN=**1** MAX=**500**

COMPOSITE DATA STRUCTURES USED IN
C079

SEGMENTS USED IN (AS COMPONENT)
CHI CNP CTI DAY FPI FSH MAP TRP

SEGMENTS USED IN (AS SIMPLE)
MCZ

TRANSACTION SETS USED IN
832 897

1855 - Fish Class and Grade

Code Identifying the class and grade of fish TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
FSH

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
CLA	Class A *A Class A pickled split herring that contains a reasonable amount of fat and that is packaged and graded.* SEE CODE SOURCE 943
CAF	Class A Fat *A Class A 'Fat' grade must be a cleaned, properly split herring that has the blood removed from the backbone and is free from rust.* SEE CODE SOURCE 943
CAT	Class A Fat Tropic *A Class A 'Fat Tropic' grade must be a cleaned, properly split herring that is free from rust.* SEE CODE SOURCE 943
CAN	Class A No. 4 *A Class A 'No.4' grade must be a split herring that does not meet the requirements of Class A 'Fat' and Class A 'Fat Tropic'.* SEE CODE SOURCE 943
CLB	Class B *A Class B pickled split herring that contains no fat, or only a small amount of fat, and that is packaged and graded.* SEE CODE SOURCE 943
CBB	Class B Bright *A Class B 'Bright' grade must be a cleaned, properly split herring that has the blood removed from the backbone, is free from rust, and is reasonably white inside.* SEE CODE SOURCE 943
CBT	Class B Tropic *A Class B 'Tropic' grade must be a cleaned, properly split herring that is free from rust.* SEE CODE SOURCE 943
CBN	Class B No. 4 Tropic *Class B 'No. 4 Tropic' must be a split herring that does not meet the requirements of Class B 'Bright' and Class B 'Tropic'.* SEE CODE SOURCE 943
NOO	No. 1 *A pickled split herring may be packaged and graded 'No. 1' if it is a cleaned, firm, properly split herring that is bright in colour and that has the entrails removed and the blood removed from the backbone.* SEE CODE SOURCE 943
SEC	Seconds *A pickled split herring may be packaged and graded 'Seconds' if it is a split herring that does not meet the requirements of 'No. 1'.* SEE CODE SOURCE 943

1856 - Product Texture and Thickness

Code identifying the texture or thickness of the contained product TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
TTI

TRANSACTION SETS USED IN
832 897

CODE	DEFINITION & EXPLANATION
I01	Liquid 0-Thin *Liquids that flow like water and can flow through a straw or teat/nipple.* SEE CODE SOURCE 996
I02	Liquid 1-Slightly Thick *Liquids that are thicker than water and can flow through a straw.* SEE CODE SOURCE 996
I03	Liquid 2-Mildly Thick *Liquids that are sippable and pour quickly from spoon but slower than thin drinks and slightly thick drinks.* SEE CODE SOURCE 996
I04	Liquid 3-Moderately Thick *Liquids that can be drunk from a cup or taken with a spoon. Need some effort to drink them through a wide diameter straw and have smooth texture with no lumps, fibers, or seeds.* SEE CODE SOURCE 996
I05	Liquid 4-Extermely Thick *Extremely thick liquids that are usually eaten with a spoon and cannot be drunk from a cup or sucked through a straw. Have a smooth texture with no lumps and hold shape on a spoon.* SEE CODE SOURCE 996
I06	Food 3-Liquidized *Liquidized food that can be eaten with a spoon or drunk from a cup. It has a smooth texture with no "bit" (lumps, fibers, husk, bits of shell or skin, particles of gristle or bone).* SEE CODE SOURCE 996
I07	Food 4-Pureed *Foods that are usually eaten with a spoon, don't require chewing, and the liquid (like sauces) must not separate from solids.* SEE CODE SOURCE 996
I08	Food 5-Minced and Moist Minced *Foods that are soft and moist, but no liquid leaking/dripping from the food, biting is not required, and minimal chewing required. Lumps of 4mm in size and can be mashed with the tongue.* SEE CODE SOURCE 996
I09	Food 6-Soft and Bite-Sized *Foods that are soft, tender and moist, but no thin liquid leaking/dripping from the food, ability to "bite off" a piece of food is not required. Bite-sized pieces no bigger than 1.5cm x 1.5cm in size. Food can be mashed/broken down with pressure from fork.* SEE CODE SOURCE 996
I10	Food 7- Easy to Chew *Foods that are normal, everyday food of soft/tender textures that are developmentally and age appropriate. Any method may be used to eat these foods.* SEE CODE SOURCE 996

I11 Food 7- Regular

Foods that are normal, everyday food of various textures that are developmentally and age appropriate. Any method may be used to eat these foods and the food may be hard and crunchy or naturally soft.

SEE CODE SOURCE 996

1857 - Insurance Policy Additions and Perils Type Code

Code specifying the type of insurance policy addition or peril TYPE=ID MIN=2 MAX=2

SEGMENTS USED IN (AS SIMPLE)
INP

TRANSACTION SETS USED IN
811

CODE	DEFINITION & EXPLANATION
01	Fire
02	Wind
03	Hail
04	Explosion
05	Lightning
06	Riots
07	Smoke
08	Aircraft
09	Vehicles
10	Volcanic Eruption
30	Earthquake
31	Sinkhole
32	Flood
33	Mine Subsidence
34	Sewer and Drain
35	Hurricane
36	Windstorm and Hail
37	Tropical Occurrence
38	Roof Exclusion
39	Fungus/Mold
40	Named Storm
41	Vandalism
42	Theft
43	Terrorism
44	Extended Replacement Cost
45	Guaranteed Replacement Cost
46	Wildfire
47	Water Damage
48	Cyber Attack
49	Accidental Overflow and Steam
50	Electrical Malfunction

51 Power Surge
52 Raw Milk Liability Exclusion
53 Migrant and Seasonal Worker Protection
54 Asbestos Liability
55 Marijuana and Hemp Exclusion
56 Nuclear Energy Liability
57 Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) Exclusion
58 Silica or Silica Related Dust
59 Lead
60 Walls-in
61 Athletic Activities
62 Violation of Data Privacy Laws
63 Liquor Liability

1858 - Insurance Policy Coverage Type Code

The type of coverage pertaining to the policy TYPE=**ID** MIN=**2** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)
III

TRANSACTION SETS USED IN
100 111 112 124 132 148 155 175 179 186 187 189 199 201 202 205 206 252 256 259 261 262 267 268 270 271 272 284 412 811 872 874

CODE	DEFINITION & EXPLANATION
AALMT	Additions and Alterations
BAA	Building Additions and Alterations
BBRD	Building Broad Form
BCOLL	Broadened Collision
BI	Bodily Injury Liability
BL	Business Liability
BLDRK	Builders Risk
BM	Boiler and Machinery
BSPL	Building Special Form
CAC	Combined Additional Coverage
COLL	Collision Coverage
COMP	Comprehensive Coverage
CSL	Combined Single Limit Liability
CWAIV	Waiver of Collision Deductible
DO	Directors and Officers
DWELL	Dwelling Coverage
DWLEX	Dwelling Extension
EMPTD	Employee Dishonesty
EPL	Employment Practices and Liability
FARM	Farm and Farm Equipment
FDB	Flood Increased Dwelling B
FDC	Flood Maximum Dwelling C
FLIAB	Farm Liability
FTC	Fire, Theft, and Combined Additional Coverage
GENAG	General Aggregate
HULL	Boat Hull
LCOLL	Limited Collision
LOI	Loss of Income
LOR	Loss of Rents
MEDPM	Medical Payments
MOTR1	Boat Motor 1
MOTR2	Boat Motor 2

MV Miscellaneous Vehicles
Includes ATV's, golf carts, etc.
OS Other Structures
PARK Parked Car Collision
PCO Products-Completed Operations
PD Property Damage - Single Unit
PL Personal Liability
TRES Trees and Shrubs
TRLR Boat Trailer
WLIAB Watercraft Liability

1859 - Insurance Line of Business Code

Code identifying the line of business pertaining to the insurance policy TYPE=**ID** MIN=**3** MAX=**5**

SEGMENTS USED IN (AS SIMPLE)
IPU

TRANSACTION SETS USED IN
266 811 820

CODE	DEFINITION & EXPLANATION
AUTO	Auto
BLKRK	Builders Risk
BOLRM	Boiler and Machinery
BOP	Business Owners
CAPAS	Capital Assets
CFHMV	Commercial For-Hire Motor Vehicle
CFMV	Commercial Farm Motor Vehicle
CMAU	Commercial Auto
CMAUH	Commercial Auto for Hire
CMINM	Commercial Inland Marine
CMPKP	Commercial Package Policy
CMPRF	Commercial Property Fire
CMUMB	Commercial Umbrella
CMV	Commercial Motor Vehicle
CNT	Contractors
CONMS	Condominium Master
COM	Commercial
COTHR	Commercial - Other
CRIM	Crime
DFIRE	Dwelling Fire
EQKP	Earthquake
FARM	Farm Ranch Owners
FCO	Flood Contents Only
FCUO	Flood Condo Unit Owners
FRMUM	Farm Umbrella
GARGE	Garage
GENLB	General Liability
HOME	Home Owners
HSPTL	Hospital
HTMTI	Hotels, Motels, Inns
HURC	Hurricane
INSTL	Institutional
LNDSC	Landscaper

MFG Manufacturing
MIXED Mixed Use
MOS Mercantile
MOTOR Motor Vehicle
NONOA Non-Owned Auto
NPDO Non-Profit Directors and Officers
PAP Personal Articles
PLU Personal Liability Umbrella
PPART Apartment
PPCHO Condominium Association
PPCHR Church
PPMBH Mobile Home Owners
PPTHO Renters
PPUHO Condo Unit Owner
PRCFL Private Insurance Company - Condo
PROLI Professional Liability
PRP Flood Preferred Risk
PRVFL Private Insurance Company - Home
RCBAP Flood Condominium Association
RCUP Rental Condo Unit Owner
RDP Rental Dwelling
RELGI Religious Institution
REST Restaurant
RETAL Retail
RNTOT Rental Dwelling to Others
SELFS Self-Storage
STAND Flood Standard
SUPMK Supermarket
THETR Theater
UNKLB Unknown Line of Business
WHLSE Wholesale
WIND Wind
WRHSE Warehouse
WRKCP Workers Compensation
ZZZ Mutually Defined

1860 - Policy Cancellation Reason Code

Code identifying the reason for the policy cancellation TYPE=ID MIN=3 MAX=3

SEGMENTS USED IN (AS SIMPLE)
IPU

TRANSACTION SETS USED IN
266 811 820

CODE	DEFINITION & EXPLANATION
CFR	Cancellation for Rewrite
COB	Cancel-Out of Business
COC	Company Cancellation
CRQ	Customer Request
NPP	Non-Payment of Premium
OTH	Cancellation Reason Other
UNK	Cancellation Reason Unknown

1861 - Cannabis Plant Type

Code identifying the cannabis plant types. TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CNP

TRANSACTION SETS USED IN

832

CODE	DEFINITION & EXPLANATION
001	Indica Dominant *A species of Cannabis native to India and neighboring countries. Indica strains often have higher levels of Cannabidiol (CBD), but the tetrahydrocannabinol (THC) content isn't necessarily less. - Family/Genus/Species: Cannabaceae/Cannabis/C. indica*
002	Ruderalis *A species of Cannabis native to Central and Eastern Europe, and Russia. It contains a relatively low quantity of psychoactive compound tetrahydrocannabinol (THC).- Family/Genus/Species: Cannabaceae/Cannabis/C. ruderalis*
003	Sativa Dominant *A species of Cannabis native to Eastern Asia. Sativa often has lower doses of Cannabidiol (CBD) and higher doses of tetrahydrocannabinol (THC).- Family/Genus/Species: Cannabaceae/Cannabis/C. sativa*

1862 - Carrier Medium

Code indicating the type of oil used to absorb cannabis (compounds) to make them more bioavailable, absorbed by the body.

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CNP

TRANSACTION SETS USED IN

832

CODE	DEFINITION & EXPLANATION
001	Medium-Chain Triglycerides (MCT) oil *Medium chain triglycerides (MCTs) are fats commercially extracted from coconut oil and palm kernel oil*
002	Sunflower oil *Sunflower oil is the non-volatile oil pressed from the seeds of sunflower.*

1863 - Extraction Process

Code indicating the process to remove oil or resin from cannabis plant material to make a concentrated product.

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CNP

TRANSACTION SETS USED IN

832

CODE	DEFINITION & EXPLANATION
001	Alcohol *Alcohol is an organic compound in which a hydroxyl group is bound to a carbon atom. CAS number: 64-17-5*
002	Butane *Butane is a highly volatile, colorless hydrocarbon gas with an odor similar to petroleum. Also known as n-butane. CAS number: 106-97-8*
003	Carbon dioxide *Carbon dioxide is a chemical compound with the chemical formula CO2. It appears as a colorless odorless gas at atmospheric temperature and pressure. CAS number: 124-38-9*
004	Dry sieve *Dry Sieve is a concentrate free of chemicals and water, created by dry sifting material through a series of screens.*
005	Ethanol *Ethanol is an organic compound, a volatile, flammable, colorless liquid with a characteristic wine-like odor and pungent taste. It is the active ingredient in alcoholic drinks. Also known as ethyl alcohol, grain alcohol, drinking alcohol. CAS number: 64-17-5*
006	Heat *Heat is a form of energy crossing the boundary of a thermodynamic system by virtue of a temperature difference across the boundary.*
007	Hexane *Hexane is an organic compound, a colorless liquid and odorless when pure. It is widely used as solvent. CAS number: 110-54-3*
008	Isopropanol *Isopropanol is a clear, colorless liquid flammable organic compound with a pungent alcoholic odor. Also known as isopropyl alcohol. CAS number: 67-63-0*
009	Water *Water is a substance with the chemical formula H2O. Water is an inorganic, transparent, tasteless, odorless, and nearly colorless substance. CAS number: 7732-18-5*
010	Other

1864 - Cannabinoid Type

Code indicating the type of cannabinoid compounds (chemicals that produce psychoactive effects) found in the cannabis product.

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

CTI

TRANSACTION SETS USED IN

832

CODE	DEFINITION & EXPLANATION
001	Cannabichromene (CBC) *Cannabichromene (CBC) is found in the cannabis plant. It is an anti-inflammatory which may contribute to the pain-killing effect of cannabis. It is also called cannabichrome, cannanbichromene, pentylcannabichromene or cannabinochromene. CAS number: 20675-51-8*
002	Cannabidiol (CBD) *Cannabidiol (CBD) is a compound that is one of the main constituents of cannabis, having mild psychoactive effects. CAS number: 13956-29-1*
003	Cannabidiolic acid (CBDA) *Cannabidiolic acid (CBDA) is found in the cannabis plant and it is the chemical precursor to cannabidiol (CBD). Also known as: CRM, β-Resorcylic Acid. CAS number: 1244-58-2*
004	Cannabigerol (CBG) *Cannabigerol (CBG) is a compound found in the cannabis plant. CBG is the decarboxylated form of cannabigerolic acid, the parent molecule from which other cannabinoids are synthesized. CAS number: 25654-31-3*
005	Cannabinol (CBN) *Cannabinol (CBN) is a mildly psychoactive cannabinoid found in trace amounts from cannabis. CAS number: 521-35-7*
006	Delta-10 THC (D10-THC) *Delta-10 -tetrahydrocannabinol (Delta-10 THC) is a psychoactive cannabinoid found in trace amounts in the cannabis plant. CAS number: 95588-87-7*
007	Delta-8 THC (D8-THC) *Delta-8-tetrahydrocannabinol (Delta-8 THC) is a psychoactive cannabinoid found in the cannabis plant. CAS number: 5957-75-5*
008	Tetrahydrocannabinol (THC)/Delta-9 THC *Tetrahydrocannabinol (THC) or Delta-9 THC is the principal psychoactive constituent of cannabis. CAS number: 1972-08-3*
009	Tetrahydrocannabinolic acid (THCA) *Tetrahydrocannabinolic acid (THCA) is a precursor of tetrahydrocannabinol (THC), an active component of cannabis. CAS number: 23978-85-0*
010	Tetrahydrocannabivarin (THCV) *Tetrahydrocannabivarin (THCV) is a homologue of tetrahydrocannabinol (THC) which produces psychoactive effects. CAS number: 31262-37-0*
011	THC-0 acetate (THC-0) *THC-0-acetate (THC-0) is the acetate ester of tetrahydrocannabinol (THC). CAS number: 23132-17-4*
012	Other

1865 - Growing Method

The code indicating how the product has been grown, cultivated, reared and/or raised.

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
FPI

TRANSACTION SETS USED IN
832

CODE	DEFINITION & EXPLANATION
001	Cage-free *Animals able to move without being confined to cages.*
002	Conventional *Foods grown non-organically, either indoors or outdoors without any special processes.*
003	Farm-raised *Animals raised on a farm.*
004	Fly-free *Crops grown in an area certified to be free of all flies.*
005	Free-range *Animals have access to an outdoor area.*
006	Grass-fed *Animals are grass fed.*
007	Greenhouse *Plants grown and cultivated in a structure with wall and roof covered with glass or a transparent material in which crops are grown under controlled environment conditions.*
008	Hybrid greenhouse *A hybrid greenhouse grow is the link between indoor grow's high degree of control and a traditional greenhouse grow's low operation cost.*
009	Hydroponic *Plants grown using mineral nutrient solutions instead of soil.*
010	Indoor *Plants grown indoor.*
011	Integrated pest management *Plants grown using a pest control strategy that uses an array of complimentary methods.*
012	Organic *Animals or plants grown without the use of chemicals, fertilizers, pesticides or other artificial agents.*
013	Outdoor *Plants grown outdoor in a field.*
014	Shade grown *Plant grown under shade of a canopy of trees, typically used in the cultivation of coffee.*
015	Wild *The animal was not inhibited or prohibited from roving, wandering, and not tamed or domesticated or the plant has not been tilled, prepared or planted.*
016	Other

1866 - Growing Medium

The code indicating a medium/material, in which plants are grown. TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
FPI

TRANSACTION SETS USED IN
832

CODE	DEFINITION & EXPLANATION
001	Aeroponics *Growing plants in the air or mist environment without soil or an aggregate medium.*
002	Aquaponics *A system of aquaculture in which the waste produced by aquatic animals supplies nutrients for plants grown hydroponically.*
003	Cocoa Fiber *A natural fiber extracted from the outer husk of coconut and made from fibrous coconut husks that have been compressed into blocks. Also knows as "Coco Coir".*
004	Coconut Husk *A thick-walled, usually lignified cell, which forms the outer protective covering of coconut.*
005	Rockwool *A lightweight hydroponic substrate made from spinning molten basaltic rock into fine fibers which are then formed into a range of cubes, blocks and growing slabs.*
006	Soil *A mixture of organic matter, mineral, gases, liquids, and organisms that together support life.*
007	Soil Substitute *Soil alternatives are made from a variety of blended materials including and not limited to mosses like peat or sphagnum moss, and rocks and minerals like calcined clay.*
008	Suspended Hydroponics *Plants grow in a small amount of substrate held by a perforated container which is supported by a fixed cover over a tank.*
009	Other

1867 - Growing Light Condition

The code indicating the light conditions where plants are grown. TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

FPI

TRANSACTION SETS USED IN

832

CODE	DEFINITION & EXPLANATION
001	High intensity discharge (HID) *High Intensity Discharge (HID) is an overarching term for a gas-discharge light.*
002	High pressure sodium *High pressure sodium light is a specific type of gas-discharge light. Also known arc light.*
003	High pressure sodium and LED
004	HID Sun Assisted
005	Light Emitting Diode (LED) *Light-emitting diode (LED) is a semiconductor device that emits light when current flows through it.*
006	LED Sun Assisted
007	Metal halide *Metal halide light device produces light by an electric arc through a gaseous mixture of vaporized mercury and metal halides.*
008	Plasma induction *Plasma induction is a type of high temperature plasma generated by electromagnetic induction, usually coupled with argon gas.*
009	Sunlight *Sunlight is solar radiation that is visible at Earth's surface.*
010	Other

1868 - Flowering Trigger

The code indicating the environmental factors that cause a plant to start to flower (also known as the flowering trigger point).

TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)

FPI

TRANSACTION SETS USED IN

832

CODE	DEFINITION & EXPLANATION
001	Auto flowering *The plants flower after certain amount of time, regardless of light reduction.*
002	Photo period *The plants flower based on the length of light and dark periods.*

1869 - Drying Method

The code indicating the dry method TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
FPI

TRANSACTION SETS USED IN
832

CODE	DEFINITION & EXPLANATION
001	Hanging Dry *Hanging harvested product such as plants, meat or fish on a line or hanger, either whole or pieces/branches.*
002	Rack & Tray Dry *Placing harvested product or trimmed buds or pieces of a product such as plants, meat or fish on a drying rack or tray.*
003	Other

1870 - Terpenes Type

To specify the product's terpenes information and related characteristics TYPE=**ID** MIN=**3** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
TRP

TRANSACTION SETS USED IN
832

CODE	DEFINITION & EXPLANATION
001	Alpha-pinene *Alpha-pinene is a monoterpene from a wide variety of plants including pine trees, Spanish sage, eucalyptus oils, and oils of aromatic plants such as rosemary. It has a characteristic piney aroma. It is known to possess antimicrobial, apoptotic, antimetastatic, and antibiotic properties. Example: a common terpene found in cannabis. Also known as α-Pinene. CAS number: 80-56-8*
002	Beta-caryophyllene *Beta-caryophyllene is a constituent of many essential oils, especially clove oil, the oil from the stems and flowers of cloves, the essential oil of Cannabis sativa, rosemary, and hops. Beta-caryophyllene is one of the chemical compounds that contributes to the aroma of black pepper. Example: It is the only terpene that acts as a cannabinoid. Also known as -β-caryophyllene or Caryophyllene. CAS number: 87-44-5*
003	Bisabolol *Bisabolol is a viscous oil that is found in plants like German Chamomile or certain types of shrubs. It is slightly woody, floral and a bit on the earthy side aroma. Example: high concentrations of bisabolol can be found in certain medicinal cannabis cultivars. Also known as α-bisabolol and levomenol. CAS number: 23089-26-1*
004	Borneol *Borneol is most commonly found in camphor but can also be found in a multitude of plants around the word such in ginger, rosemary, sage, cinnamon, mint, and thyme. It has a cool, minty, and spicy scent. Example: it can be found in higher concentrations in certain strains of cannabis. CAS number: 507-70-0*
005	Camphene *Camphene is one of the most pervasive monoterpenes. It is found in low concentrations in many essential oils such as cypress, nutmeg, rosemary, camphor, neroli, ginger, and valerian. It has a strong earthy, woody, and musky note. Example: it is a minor terpene found in cannabis. CAS number: 79-92-5*
006	Camphor *Camphor is a waxy, colorless solid with a strong aroma. It is found in certain trees in the laurel family, the camphor tree in Southeast Asia, rosemary leaves, camphorweed, and camphor basil. Camphor is predominantly used for its scent; however, it is also said to have powerful anesthetic and antimicrobial properties. Example: Camphor produces an intense aroma responsible for the minty flavor in cannabis. CAS number: 76-22-2*
007	Carene *Carene is a monoterpene which is a colorless liquid and has sweet and pungent odor. It can be found in plants such as basil, rosemary, and cannabis, and in trees such as pines and cedars. It has a cedar, piney and citrusy aroma. Example: Carene can be inhaled when smoking or vaping cannabis strains with high amounts of it. Also known as 3-Carene. CAS number: 13466-78-9*

008 Cedrene
Cedrene is a sesquiterpene found in the essential oil of cedar. It has a fresh, woody and sweet scent. Example: it is a secondary terpene found in low levels in cannabis and cedar wood. It is also known as -α-cedrene. CAS number: 469-61-4

009 Cymene
Cymene is a monoterpene commonly found in hundreds of different plants including cumin, oregano, thyme, anise, and coriander. It has a hint of citrus, earthy and woody aroma. Example: not a primary compound in cannabis and only shows up in small amounts in some strains. Also know as p-Cymene. CAS number: 99-87-6

010 Eucalyptol
Eucalyptol is a monoterpenoid that is a colorless liquid. It is found in eucalyptus trees, and several other commonly used plants such as bay leaves, cardamom, tea tree, and sage. It has a vibrant fresh scent that is often described as minty and cooling. Example: a common terpene found in cannabis. Also known as cineol. CAS number: 470-82-6

011 Fenchol
Fenchol is a monoterpenoid and an isomer of borneol which is a colorless or white solid. It is commonly found in basil, cannabis, and aster flowers. It has a pine, lemon and camphor smell. Example: Fenchol is only found in high amounts in some cannabis strains. CAS number: 1632-73-1

012 Geraniol
Geraniol is a monoterpenoid which is a primary component of citronella oil, rose oil, palmarosa oil, and lemongrass. It has a rose and fruity aroma. Example: it is found in low amounts in cannabis strains. CAS number: 106-24-1

013 Geranyl acetate
Geranyl acetate is a monoterpene which is a colorless liquid with a pleasant floral or fruity rose aroma. It is a constituent of many essential oils, including Ceylon citronella, palmarosa, lemon grass, petit grain, neroli, geranium, coriander, carrot, Camden woollybutt, and sassafras. Example: Geranyl is present in high levels in cannabis cultivar Zkittlez, known for its fruit-forward aroma. Also known as Geranyl. CAS number: 105-87-3

014 Guaiol
Guaiol is a sesquiterpenoid alcohol found in several plants, especially in the oil of guaiacum and cypress pine. It is known to carry a sharp woody aroma similar to pine. Example: a lesser-known cannabis terpene that tends to appear only in trace amounts. Also known as champacol. CAS number: 489-86-1

015 Humulene
Humulene is a natural sesquiterpene which is found in the essential oils of Humulus lupulus (hops) and other plants such as sage, ginger, and ginseng. Its aroma is described as earthy, woody, with spicy, herbal notes. Example: Humulene typically appearing in lesser abundance in cannabis than other dominant terpenes. Also known as α-humulene or α-caryophyllene. CAS number: 6753-98-6

016 Isoborneol
Isoborneol is an isomer of borneol terpene, which occurs naturally in various plants, including nutmeg, ginger, rosemary, valerian, and fir trees. It has a spicy and woody aroma. Example: Isoborneol found in some strains of cannabis which adds a pleasant spicy-citrus or woody scent and taste to it. CAS number: 124-76-5

017 Isopulegol
Isopulegol, an aromatic compound naturally found in herbs such as mint, geranium, and lemongrass. It acts as the natural precursor for menthol and is renowned for its minty and fresh scent. Example: Isopulegol is one of the secondary terpenes in cannabis. CAS number: 104870-56-6

018 Limonene
Limonene is a monoterpene, and is the major component in the oil of citrus fruit peels such as oranges or lemons. It has a citrusy aroma. Example: Limonene is a prominent terpene found in a number of cannabis strains. CAS number: 138-86-3

019 Linalool
Linalool is a monoterpenoid which is found in many flowers and spice plants. It has a strong floral and woody aroma. Example: Linalool is the most common terpene found in lavender and cannabis. CAS number: 78-70-6

020 Menthol
Menthol is a monoterpenoid which naturally occurs in plants such as peppermint and spearmint. It smells and tastes like mint and it is known for its cooling sensation. Example: Menthol is naturally occurring in trace amounts in cannabis. CAS number: 2216-51-5

021 Myrcene
Myrcene is a monoterpene which occurs widely in essential oils. It exudes a musky herbal aroma. Example: Myrcene is found in large concentrations in the cannabis plant. Also known as beta-myrcene or β-myrcene. CAS number: 123-35-3

022 Nerolidol
Nerolidol is a naturally occurring sesquiterpene alcohol. It is found in the essential oils of many types of plants and flowers including ginger, lavender, and tea tree. It has a woody and floral scent. Example: Nerolidol is found in some cannabis strains. Also known as peruviol and penetrol. CAS number: 7212-44-4

023 Ocimene
Ocimene is a monoterpene found within a variety of plants and fruits including mint, parsley, mangoes, bergamot, kumquats, and orchids. It has a sweet, citrusy and earthy aroma. Example: Ocimene is a common terpene found in some types of cannabis. CAS number: 502-99-8

024 Phellandrene
Phellandrene is a terpene compound which is found in high amounts in eucalyptus plants. It has been also detected in lavender, ginger grass, pine, herbs, and spices such as parsley, cinnamon, black pepper, and mint. It has a minty, citrus and woody smell. Example: Phellandrene is one of the secondary terpenes in cannabis. CAS number: 99-83-2

025 Terpene removed
The terpene(s) has been removed from the product.

026 Other

1871 - Attachment Format Identifier

Code identifying the attachment format TYPE=**ID** MIN=**3** MAX=**4**

SEGMENTS USED IN (AS SIMPLE)
OOI

TRANSACTION SETS USED IN
102 179 271 274 275 824

CODE	DEFINITION & EXPLANATION
001	Microsoft Word document (DOC)
002	OpenXML Microsoft Word document (DOCX)
003	Graphics Interchange Format (GIF)
004	JPEG file (JPEG)
005	MP3 Audio (MP3)
006	Portable Document Format (PDF)
007	Portable Network Graphics (PNG)
008	Tagged Image File Format (TIF)
009	Text File (TXT)
010	Microsoft Excel (XLS)
011	OpenXML Microsoft Excel (XLSX)
012	Microsoft Powerpoint (PPT)
013	OpenXML Microsoft Powerpoint (PPTX)
9999	Other

1872 - Event Inquiry Reason Indicator

Code indicating the event inquiry reason. TYPE=**ID** MIN=**2** MAX=**3**

SEGMENTS USED IN (AS SIMPLE)
EVI

TRANSACTION SETS USED IN
270

CODE	DEFINITION & EXPLANATION
001	Pre-Service
002	Initial Appointment
003	Claim Submission Eligibility Verification
004	Prior Auth Eligibility Verification
005	Appeal or Reconsideration
006	Follow up Appointment
007	Refresh
008	Prescription Request
ZZZ	Mutually Defined

1873 - Occurrence/Encounter Reference Identification

Identifies the occurrence or encounter reference. TYPE=**AN** MIN=**1** MAX=**80**

SEGMENTS USED IN (AS SIMPLE)

EVN

TRANSACTION SETS USED IN

271

1874 - Birth Sex

Code conveying the sex that a medical practitioner used to describe an individual at birth

TYPE=**ID** MIN=**1** MAX=**80**

Code Sources

1002

SEGMENTS USED IN (AS SIMPLE)

DMH

TRANSACTION SETS USED IN

111 148 186 187 252 255 256 267 268 270 271 273 274 275 276 277 278 500 820 834 837

1875 - Sex

Code documenting a specific instance of sex or gender information TYPE=**ID** MIN=**1** MAX=**80**

Code Sources

1003

SEGMENTS USED IN (AS SIMPLE)

DMH

TRANSACTION SETS USED IN

111 148 186 187 252 255 256 267 268 270 271 273 274 275 276 277 278 500 820 834 837

1876 - Preferred Name to Use

The specific words to be used to address the individual in person or in writings

TYPE=**AN** MIN=**1** MAX=**80**

SEGMENTS USED IN (AS SIMPLE)

DMH

TRANSACTION SETS USED IN

111 148 186 187 252 255 256 267 268 270 271 273 274 275 276 277 278 500 820 834 837

1877 - Sexual Orientation Code

Code representing an individual's sexual orientation in relation to the pattern of emotional, sexual, and romantic attraction

TYPE=**ID** MIN=**1** MAX=**80**

Code Sources

1004

COMPOSITE DATA STRUCTURES USED IN

C082

SEGMENTS USED IN (AS COMPONENT)

DMH

TRANSACTION SETS USED IN

111 148 186 187 252 255 256 267 268 270 271 273 274 275 276 277 278 500 820 834 837

1878 - Gender Identity Code

Code representing an individual's gender identity which is a personal sense of being a man, woman, boy, girl, nonbinary, or something else

TYPE=**ID** MIN=**1** MAX=**80**

Code Sources

1005

COMPOSITE DATA STRUCTURES USED IN

C083

SEGMENTS USED IN (AS COMPONENT)

DMH

TRANSACTION SETS USED IN

111 148 186 187 252 255 256 267 268 270 271 273 274 275 276 277 278 500 820 834 837

1879 - Pronoun Code Set

Code representing an individual's preferred pronouns TYPE=**ID** MIN=**1** MAX=**80**

Code Sources

1006

COMPOSITE DATA STRUCTURES USED IN

C084

SEGMENTS USED IN (AS COMPONENT)

DMH

TRANSACTION SETS USED IN

111 148 186 187 252 255 256 267 268 270 271 273 274 275 276 277 278 500 820 834 837

1880 - Recorded Sex or Gender Code

Code representing an individual's recorded sex or gender and associated attributes

TYPE=**ID** MIN=**1** MAX=**80**

Code Sources

1007

COMPOSITE DATA STRUCTURES USED IN

C085

SEGMENTS USED IN (AS COMPONENT)

DMH

TRANSACTION SETS USED IN

111 148 186 187 252 255 256 267 268 270 271 273 274 275 276 277 278 500 820 834 837

1881 - Source Document Code

Code identifying the type of document that identified an individual's sex or gender

TYPE=**ID** MIN=**1** MAX=**80**

Code Sources

1008

COMPOSITE DATA STRUCTURES USED IN

C085

SEGMENTS USED IN (AS COMPONENT)

DMH

TRANSACTION SETS USED IN

111 148 186 187 252 255 256 267 268 270 271 273 274 275 276 277 278 500 820 834 837

1882 - Issuer Code

Code identifying the issuer of a document that conveyed an individual's sex or gender

TYPE=**ID** MIN=**1** MAX=**80**

Code Sources

1009

COMPOSITE DATA STRUCTURES USED IN

C085

SEGMENTS USED IN (AS COMPONENT)

DMH

TRANSACTION SETS USED IN

111 148 186 187 252 255 256 267 268 270 271 273 274 275 276 277 278 500 820 834 837

1883 - Clinical Care Parameter Qualifier

Code identifying the type or category of a clinical care parameter TYPE=**ID** MIN=**1** MAX=**80**

Code Sources

1010

SEGMENTS USED IN (AS SIMPLE)

PCU

TRANSACTION SETS USED IN

275 278 500 837

1884 - Clinical Care Parameter Code

Code identifying a clinical parameter, also described as a biological label based on genetic factors

TYPE=**ID** MIN=**1** MAX=**80**

Code Sources

1011

SEGMENTS USED IN (AS SIMPLE)

PCU

TRANSACTION SETS USED IN

275 278 500 837

1885 - Special Packaging Indicator Code

Code indicating the type of dispensing device

TYPE=ID MIN=1 MAX=2

Code Sources

999

SEGMENTS USED IN (AS SIMPLE)

SV4

TRANSACTION SETS USED IN

837

9998 - Context Reference

Holds a reference to or for a context TYPE=**AN** MIN=**1** MAX=**50**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

COMPOSITE DATA STRUCTURES USED IN
C998

SEGMENTS USED IN (AS COMPONENT)
CTX

TRANSACTION SETS USED IN
824 999

9999 - Context Name

Holds the name or 'tag' of a context

TYPE=**AN** MIN=**1** MAX=**35**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

COMPOSITE DATA STRUCTURES USED IN

C998

SEGMENTS USED IN (AS COMPONENT)

CTX

TRANSACTION SETS USED IN

824 999

I01 - Authorization Information Qualifier

Code identifying the type of information in the Authorization Information TYPE=**ID** MIN=**2** MAX=**2**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISA

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
00	No Authorization Information Present (No Meaningful Information in I02)
01	UCS Communications ID
02	EDX Communications ID
03	Additional Data Identification
04	Rail Communications ID
05	Department of Defense (DoD) Communication Identifier
06	United States Federal Government Communication Identifier
07	Truck Communications ID
08	Ocean Communications ID

I02 - Authorization Information

Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

TYPE=**AN** MIN=**10** MAX=**10**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISA

TRANSACTION SETS USED IN

None

I03 - Security Information Qualifier

Code identifying the type of information in the Security Information TYPE=**ID** MIN=**2** MAX=**2**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISA

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
00	No Security Information Present (No Meaningful Information in I04)
01	Password

I04 - Security Information

This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

TYPE=**AN** MIN=**10** MAX=**10**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISA

TRANSACTION SETS USED IN

None

I05 - Interchange ID Qualifier

Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

TYPE=**ID** MIN=**2** MAX=**2**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IMC ISA

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
01	Duns (Dun & Bradstreet)
02	SCAC (Standard Carrier Alpha Code)
03	FMC (Federal Maritime Commission)
04	IATA (International Air Transport Association)
07	Global Location Number (GLN) *A globally unique 13 digit code used for the identification of any physical or legal location that needs to be uniquely identified for use in the supply chain. A GS1 identification key.* SEE CODE SOURCE 583
08	UCC EDI Communications ID (Comm ID)
09	X.121 (CCITT)
10	Department of Defense (DoD) Activity Address Code SEE CODE SOURCE 350
11	DEA (Drug Enforcement Administration)
12	Phone (Telephone Companies)
13	UCS Code (The UCS Code is a Code Used for UCS Transmissions; it includes the Area Code and Telephone Number of a Modem; it Does Not Include Punctuation, Blanks or Access Code)
14	Duns Plus Suffix
15	Petroleum Accountants Society of Canada Company Code
16	Duns Number With 4-Character Suffix
17	American Bankers Association (ABA) Transit Routing Number (Including Check Digit, 9 Digit)
18	Association of American Railroads (AAR) Standard Distribution Code SEE CODE SOURCE 420
19	EDI Council of Australia (EDICA) Communications ID Number (COMM ID) SEE CODE SOURCE 421
20	Health Industry Number (HIN) SEE CODE SOURCE 121
21	Integrated Postsecondary Education Data System, or (IPEDS) SEE CODE SOURCE 422
22	Federal Interagency Commission on Education, or FICE SEE CODE SOURCE 423
23	National Center for Education Statistics Common Core of Data 12-Digit Number for Pre-K-Grade 12 Institutes, or NCES SEE CODE SOURCE 424

24 The College Board's Admission Testing Program 4-Digit Code of Postsecondary Institutes, or ATP
SEE CODE SOURCE 425

25 ACT, Inc. 4-Digit Code of Postsecondary Institutions.
SEE CODE SOURCE 426

26 Statistics of Canada List of Postsecondary Institutions
SEE CODE SOURCE 296
SEE CODE SOURCE 300

27 Carrier Identification Number as assigned by Centers for Medicare & Medicaid Services (CMS)

28 Fiscal Intermediary Identification Number as assigned by Centers for Medicare & Medicaid Services (CMS)

29 Medicare Provider and Supplier Identification Number as assigned by Centers for Medicare & Medicaid Services (CMS)

30 U.S. Federal Tax Identification Number

31 Jurisdiction Identification Number Plus 4 as assigned by the International Association of Industrial Accident Boards and Commissions (IAIABC)

32 U.S. Federal Employer Identification Number (FEIN)

33 National Association of Insurance Commissioners Company Code (NAIC)

34 Medicaid Provider and Supplier Identification Number as assigned by individual State Medicaid Agencies in conjunction with Centers for Medicare & Medicaid Services (CMS)

35 Statistics Canada Canadian College Student Information System Institution Codes
SEE CODE SOURCE 324

36 Statistics Canada University Student Information System Institution Codes
SEE CODE SOURCE 300

37 Society of Property Information Compilers and Analysts
SEE CODE SOURCE 573

38 The College Board and ACT, Inc. 6-Digit Code List of Secondary Institutions
SEE CODE SOURCE 862

AM Association Mexicana del Codigo de Producto (AMECOP) Communication ID
SEE CODE SOURCE 497

NR National Retail Merchants Association (NRMA) - Assigned

SA User Identification Number as assigned by the Safety and Fitness Electronic Records (SAFER) System
SEE CODE SOURCE 851

SN Standard Address Number
SEE CODE SOURCE 42

ZZ Mutually Defined

I06 - Interchange Sender ID

Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

TYPE=**AN** MIN=**15** MAX=**15**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IMC ISA

TRANSACTION SETS USED IN

None

I07 - Interchange Receiver ID

Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

TYPE=**AN** MIN=**15** MAX=**15**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IMC ISA

TRANSACTION SETS USED IN

None

I08 - Interchange Date

Date of the interchange

TYPE=**DT** MIN=**6** MAX=**6**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IMC ISA TA1

TRANSACTION SETS USED IN

None

I09 - Interchange Time

Time of the interchange

TYPE=**TM** MIN=**4** MAX=**4**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IMC ISA TA1

TRANSACTION SETS USED IN

None

I11 - Interchange Control Version Number Code

Code specifying the version number of the interchange control segments, the version of the data elements within the control segments, and the code values within those data elements.

TYPE=**ID** MIN=**5** MAX=**5**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

Code Sources

882

SEGMENTS USED IN (AS SIMPLE)

ISA

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
00200	ASC X12 Standards Issued by ANSI in 1987
00201	Draft Standards for Trial Use Approved by ASC X12 Through August 1988
00204	Draft Standards for Trial Use Approved by ASC X12 Through May 1989
00300	ASC X12 Standards Issued by ANSI in 1992
00301	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board Through October 1990
00302	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board Through October 1991
00303	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board Through October 1992
00304	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1993
00305	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1994
00306	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1995
00307	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1996
00400	ASC X12 Standards Issued by ANSI in 1997
00401	Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997
00402	Standards Approved for Publication by ASC X12 Procedures Review Board through October 1998
00403	Standards Approved for Publication by ASC X12 Procedures Review Board through October 1999
00404	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2000
00405	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2001
00406	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

00500 ASC X12 Standards Issued by ANSI in 2003

00501 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003

00502 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2004

00503 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2005

00504 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2006

00505 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2007

00600 ASC X12 Standards Issued by ANSI in 2008

00601 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2008

00602 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2009

00603 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2010

00604 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2011

00605 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2012

00700 ASC X12 Standards Issued by ANSI in 2013

00701 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2013

00702 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2014

00703 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2015

00704 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2016

00705 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2017

00706 00706 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2018

00800 ASC X12 Standards Issued by ANSI in 2019

00801 00801 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2019

00802 00802 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2020

00803 00803 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2021

00804 00804 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2022

00805 00805 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2023

00806 00806 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2024

00807 00807 Standards Approved for Publication by ASC X12 Procedures Review Board through January 2026

I12 - Interchange Control Number

A control number assigned by the interchange sender TYPE=**N0** MIN=**9** MAX=**9**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IEA IMC ISA TA1

TRANSACTION SETS USED IN

None

I13 - Acknowledgment Requested Code

Code indicating sender's request for an interchange acknowledgment TYPE=**ID** MIN=**1** MAX=**1**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISA

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
0	No Interchange Acknowledgment Requested
1	Interchange Acknowledgment Requested (TA1)
2	Interchange Acknowledgment Requested only when Interchange is "Rejected Because Of Errors"
3	Interchange Acknowledgment Requested only when Interchange is "Rejected Because Of Errors" or "Accepted but Errors are Noted"

I14 - Interchange Usage Indicator Code

Code indicating whether data enclosed by this interchange envelope is test, production or information

TYPE=**ID** MIN=**1** MAX=**1**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISA

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
I	Information
P	Production Data
T	Test Data

I15 - Component Data Element Separator

Type is not applicable; the component data element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

TYPE= MIN=**1** MAX=**1**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISA

TRANSACTION SETS USED IN

None

I16 - Number of Included Functional Groups

A count of the number of functional groups included in an interchange TYPE=**N0** MIN=**1** MAX=**5**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IEA

TRANSACTION SETS USED IN

None

I17 - Interchange Acknowledgment Code

Code indicating the status of the receipt of the interchange control structure

TYPE=**ID** MIN=**1** MAX=**1**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

TA1

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
A	The Transmitted Interchange Control Structure Header and Trailer Have Been Received and Have No Errors.
E	The Transmitted Interchange Control Structure Header and Trailer Have Been Received and Are Accepted But Errors Are Noted. This Means the Sender Must Not Resend This Data.
R	The Transmitted Interchange Control Structure Header and Trailer are Rejected Because of Errors.

I18 - Interchange Note Code

Code specifying the error found processing the interchange control structure

TYPE=**ID** MIN=**3** MAX=**3**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

TA1

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
000	No error
001	The Interchange Control Number in the Header and Trailer Do Not Match. The Value From the Header is Used in the Acknowledgment.
002	This Standard as Noted in the Control Standards Identifier is Not Supported.
003	This Version of the Controls is Not Supported
004	The Segment Terminator is Invalid
005	Invalid Interchange ID Qualifier for Sender
006	Invalid Interchange Sender ID
007	Invalid Interchange ID Qualifier for Receiver
008	Invalid Interchange Receiver ID
009	Unknown Interchange Receiver ID
010	Invalid Authorization Information Qualifier Value
011	Invalid Authorization Information Value
012	Invalid Security Information Qualifier Value
013	Invalid Security Information Value
014	Invalid Interchange Date Value
015	Invalid Interchange Time Value
016	Invalid Interchange Standards Identifier Value
017	Invalid Interchange Version ID Value
018	Invalid Interchange Control Number Value
019	Invalid Acknowledgment Requested Value
020	Invalid Test Indicator Value
021	Invalid Number of Included Groups Value
022	Invalid Control Structure
023	Improper (Premature) End-of-File (Transmission)
024	Invalid Interchange Content (e.g., Invalid GS Segment)
025	Duplicate Interchange Control Number
026	Invalid Data Element Separator
027	Invalid Component Element Separator
028	Invalid Delivery Date in Deferred Delivery Request
029	Invalid Delivery Time in Deferred Delivery Request
030	Invalid Delivery Time Code in Deferred Delivery Request

031 Invalid Grade of Service Code
032 Invalid Repetition Separator
033 Unexpected Interchange Syntax Extension (ISX) Segment
034 Invalid Release Character
035 Invalid Character Encoding Value
036 Invalid Overriding X12 Version/Release Code
037 Unknown Industry Identifier
038 Overriding X12 Version/Release Code is Not Supported.

I19 - Interconnect Mailbag Version Number Code

Code indicating the version number covering the interconnect mailbag control segments and the interconnect mailbag acknowledgment segment

TYPE=**ID** MIN=**5** MAX=**5**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IH

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
00100	Draft Standards for Trial Use Approved by ASC X12 June 1991
00303	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1992.
00304	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1993

I20 - Interconnect Mailbag Logon ID

Information used for access security identification of the sender of the interconnect mailbag; The content of the logon ID is assigned by the receiving interconnect entity

TYPE=**AN** MIN=**1** MAX=**10**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IH

TRANSACTION SETS USED IN

None

I21 - Interconnect Mailbag Password

Information used for additional access security identification of the sender of the interconnect mailbag; The content of the password is assigned by the receiving interconnect entity

TYPE=**AN** MIN=**1** MAX=**10**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IH

TRANSACTION SETS USED IN

None

I22 - Interconnect Mailbag ID Qualifier Code

Code identifying the system or method of code structure used to designate the sender or receiver ID element being qualified

TYPE=**ID** MIN=**2** MAX=**2**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IH

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
01	DUNS (Dun and Bradstreet)
02	SCAC (Standard Carrier Alpha Code)
03	FMC (Federal Maritime Commission)
04	IATA (International Air Transport)
08	UCC EDI Communications ID (Comm ID)
09	X.121 (CCITT)
11	DEA (Drug Enforcement Administration)
12	Phone (Telephone Companies)
13	UCS Code (The UCS Code is the Only Code Used for UCS Transmissions; It Includes the Area Code and Telephone Number of a Modem; It Does Not Include Punctuation, Blanks or Access Code)
14	DUNS Plus Suffix
15	Petroleum Accounting Society of Canada
NR	National Retail Merchants Association (NRMA) - Assigned
ZZ	Mutually Defined

I23 - Interconnect Mailbag Sender ID

Identification code published by the interconnect entity sender for use by the other interconnect entity parties who use this identification code as the receiver ID to route data back to them via an interconnect

TYPE=**AN** MIN=**1** MAX=**15**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IH

TRANSACTION SETS USED IN

None

I24 - Interconnect Mailbag Receiver ID

Identification code published by a given receiver of a mailbag used as a sending ID by that interconnect entity as their sending ID when sending via an interconnect; Other interconnect entities sending to them will use this as a receiving ID to route a mailbag to them via an interconnect

TYPE=**AN** MIN=**1** MAX=**15**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IH

TRANSACTION SETS USED IN

None

I25 - Interconnect Mailbag Date

Date (YYMMDD) the interconnect mailbag was created for initial transmission

TYPE=**DT** MIN=**6** MAX=**6**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IH

TRANSACTION SETS USED IN

None

I26 - Interconnect Mailbag Time

Time the interconnect mailbag was created for initial transmission; Time is expressed in 24-hour clock time (HHMMSS, time range: 000000 through 235959)

TYPE=**TM** MIN=**6** MAX=**6**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IH

TRANSACTION SETS USED IN

None

I27 - Interconnect Mailbag Time Code

Code identifying the time; In accordance with International Organization for Standardization (ISO) Standard 8601, time can be specified by + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; Since + is a restricted character, + and - are substituted by P and M, respectively, in the codes that follow

TYPE=**ID** MIN=**2** MAX=**2**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IH

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
01	Equivalent to ISO P01
02	Equivalent to ISO P02
03	Equivalent to ISO P03
04	Equivalent to ISO P04
05	Equivalent to ISO P05
06	Equivalent to ISO P06
07	Equivalent to ISO P07
08	Equivalent to ISO P08
09	Equivalent to ISO P09
10	Equivalent to ISO P10
11	Equivalent to ISO P11
12	Equivalent to ISO P12
13	Equivalent to ISO M12
14	Equivalent to ISO M11
15	Equivalent to ISO M10
16	Equivalent to ISO M09
17	Equivalent to ISO M08
18	Equivalent to ISO M07
19	Equivalent to ISO M06
20	Equivalent to ISO M05
21	Equivalent to ISO M04
22	Equivalent to ISO M03
23	Equivalent to ISO M02
24	Equivalent to ISO M01
CD	Central Daylight Time
CS	Central Standard Time
CT	Central Time
ED	Eastern Daylight Time
ES	Eastern Standard Time

ET Eastern Time
GM Greenwich Mean Time
LT Local Time
MD Mountain Daylight Time
MS Mountain Standard Time
MT Mountain Time
PD Pacific Daylight Time
PS Pacific Standard Time
PT Pacific Time
UT Universal Time Coordinate

I28 - Interconnect Mailbag Control Number

This number uniquely identifies the interconnect mailbag to the interconnect entity sender; It is assigned by the interconnect entity sender; Together with the sender ID, it uniquely identifies the interconnect mailbag to the interconnect entity receiver; It is suggested that the interconnect entity sender and the interconnect entity receiver be able to maintain an audit trail of interconnect mailbags using this number; Each interconnect mailbag that is created by the sender should contain a unique control number; Interconnect mailbags that require retransmission should not have their control number changed

TYPE=**N0** MIN=**1** MAX=**9**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IA IH IT

TRANSACTION SETS USED IN

None

I29 - Interconnect Mailbag Test Indicator Code

Code indicating whether data enclosed by this interconnect mailbag envelope is test or production

TYPE=**ID** MIN=**1** MAX=**1**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IH

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
P	Production Data
T	Test Data

I30 - Interconnect Mailbag Acknowledgment Count

A count of the number of interconnect mailbag acknowledgment (IA) segments included in the mailbag

TYPE=**N0** MIN=**1** MAX=**4**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IT

TRANSACTION SETS USED IN

None

I31 - Interconnect Mailbag Interchange Count

A count of the number of interchanges included in the mailbag TYPE=**N0** MIN=**1** MAX=**5**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IT

TRANSACTION SETS USED IN

None

I32 - Interconnect Mailbag Acknowledgment Action Code

Code indicating the status of receipt by the interconnect entity receiver of the interconnect mailbag and the actions to be taken, if any

TYPE=**ID** MIN=**1** MAX=**1**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IA

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
A	Accept; the Interconnect Mailbag Containing at Least One Interchange is Received in Full, Safely Stored and Accepted
C	Reject/Contact; One or More Problems Have Been Detected with the Interconnect Mailbag; the Data Contents (If Any) of the Rejected Interconnect Mailbag Will Not Be Processed As Is; the Interconnect Administrator from the Interconnect Entity Issuing the Reject Notice Will Contact the Interconnect Administrator from the Interconnect Entity Receiving the Reject Notice to Resolve the Problems Found in the Interconnect Mailbag
R	Reject/Retransmit; One or More Problems Have Been Detected with the Interconnect Mailbag; the Data Contents of the Rejected Interconnect Mailbag Will Not be Processed; the Interconnect Entity Sender of the Rejected Interconnect Mailbag Should Retransmit the Mailbag

I33 - Interconnect Mailbag Error Code

Code indicating the nature of the error detected in the received interconnect mailbag by the interconnect entity receiver

TYPE=**ID** MIN=**2** MAX=**2**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IA

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
A1	The Interconnect Mailbag Acknowledgment Count is Not Equal to the Actual Interconnect Mailbag Acknowledgment Count
B1	The Interconnect Mailbag Interchange Count is Not Equal to the Actual Interconnect Mailbag Interchange Count
C1	The IH and IT Mailbag Header and Trailer Control Numbers Are Not Identical
D1	Invalid Interconnect Mailbag Version Number
E1	Invalid Interconnect Mailbag Logon ID
F1	Invalid Interconnect Mailbag Password
G1	Invalid Interconnect Mailbag ID Qualifier Code
H1	Invalid Interconnect Mailbag Sender ID
I1	Invalid Interconnect Mailbag Receiver ID
J1	Invalid Interconnect Mailbag Date
K1	Invalid Interconnect Mailbag Time
L1	Invalid Interconnect Mailbag Time Code
M1	Invalid Interconnect Mailbag Test Indicator
N1	Invalid Interconnect Mailbag Action Code
O1	Invalid Interconnect Mailbag Error Code
P1	Invalid Interconnect Mailbag Control Number
Q1	Invalid Interconnect Mailbag Acknowledgment Count
R1	Invalid Interconnect Mailbag Interchange Count
S1	Invalid Interconnect Mailbag Data Element Separator
T1	Invalid Interconnect Mailbag Segment Terminator
U1	Invalid Interconnect Mailbag Segment Type
V1	Missing or Partial IT Segment Detected
W1	Duplicate Mailbag Control Number for this Sender
X1	Unrecognizable Interconnect Mailbag Contents

I34 - Grade of Service Code

Code indicating the relative urgency of the interchange as determined by the interchange sender

TYPE=**ID** MIN=**1** MAX=**1**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISB

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
0	Normal
1	Low
2	Urgent

I35 - Interchange Delivery Date

This is the earliest date the interchange can be delivered to the recipient TYPE=**DT** MIN=**6** MAX=**6**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISE

TRANSACTION SETS USED IN

None

I36 - Interchange Delivery Time

This is the earliest time the interchange can be delivered to the recipient

TYPE=**TM** MIN=**4** MAX=**4**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISE

TRANSACTION SETS USED IN

None

I37 - Interchange Delivery Time Code

Code identifying the delivery time; in accordance with International Organization for Standardization (ISO) standard 8601, time can be specified by a + or - and an indication in hours in relation to universal time coordination (UTC) time; since + is a restricted character, the + and - are substituted by P and M in the codes that follow

TYPE=**ID** MIN=**2** MAX=**2**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISE

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
01	Equivalent to ISO P01
02	Equivalent to ISO P02
03	Equivalent to ISO P03
04	Equivalent to ISO P04
05	Equivalent to ISO P05
06	Equivalent to ISO P06
07	Equivalent to ISO P07
08	Equivalent to ISO P08
09	Equivalent to ISO P09
10	Equivalent to ISO P10
11	Equivalent to ISO P11
12	Equivalent to ISO P12
13	Equivalent to ISO M12
14	Equivalent to ISO M11
15	Equivalent to ISO M10
16	Equivalent to ISO M09
17	Equivalent to ISO M08
18	Equivalent to ISO M07
19	Equivalent to ISO M06
20	Equivalent to ISO M05
21	Equivalent to ISO M04
22	Equivalent to ISO M03
23	Equivalent to ISO M02
24	Equivalent to ISO M01
CD	Central Daylight Time
CS	Central Standard Time
CT	Central Time
ED	Eastern Daylight Time
ES	Eastern Standard Time

ET Eastern Time
GM Greenwich Mean Time
LT Local Time
MD Mountain Daylight Time
MS Mountain Standard Time
MT Mountain Time
PD Pacific Daylight Time
PS Pacific Standard Time
PT Pacific Time
UT Universal Time Coordinate

I38 - Service Request Handler ID Qualifier

Code identifying the service request handler TYPE=**ID** MIN=**2** MAX=**2**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

TA3

TRANSACTION SETS USED IN

None

I39 - Service Request Handler ID

Code identifying the sending service request handler TYPE=**AN** MIN=**1** MAX=**15**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

TA3

TRANSACTION SETS USED IN

None

I40 - Interchange Action Code

Code indicating the action taken on the interchange or functional group by the service request handler or the receiver

TYPE=**ID** MIN=**2** MAX=**2**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

STS TA3

TRANSACTION SETS USED IN

242

CODE	DEFINITION & EXPLANATION
AK	Transfer to the Next Service Request Handler has been Acknowledged
BH	Transfer to Service Request Handler not Capable of Reporting Further Status
DL	Delivered Interchange by Service Request Handler
PU	Purged by Interchange Receiver
RD	Redirected by Service Request Handler to an Alternate Receiver as Identified in the Reference Code
RF	Refused by Interchange Receiver
RJ	Rejected by Service Request Handler; See Error Reason Code for Cause
RT	Retrieved Interchange by Receiver
TR	Transferred to Next Service Request Handler by Service Request Handler, but not yet Acknowledged

I41 - Interchange Action Date

This is the UTC date when the service request handler took action on the reported interchange or functional group

TYPE=**DT** MIN=**6** MAX=**6**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

STS TA3

TRANSACTION SETS USED IN

242

I42 - Interchange Action Time

This is the UTC time when the service request handler took action on the reported interchange or functional group

TYPE=**TM** MIN=**4** MAX=**6**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

STS TA3

TRANSACTION SETS USED IN

242

I43 - Error Reason Code

Code specifying the error found when processing the control structure or in delivery

TYPE=**ID** MIN=**3** MAX=**3**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

STS TA3

TRANSACTION SETS USED IN

242

CODE	DEFINITION & EXPLANATION
000	No Errors
001	The Interchange Control Number in the Header and Trailer Do not Match; the Value from the Header is used in the Acknowledgment
002	This Standard as Noted in the Control Standards Identifier is not Supported
003	This Version of the Controls is not Supported
004	The Segment Terminator is Invalid
005	Invalid Value as Shown in the Reported Interchange Control Number
006	Invalid Value as Shown in the Reported Interchange Date
007	Invalid Value as Shown in the Reported Interchange Time
008	Invalid Value as Shown in the Reported Interchange Sender ID Qualifier
009	Invalid Value as Shown in the Reported Interchange Sender ID
010	Invalid Value as Shown in the Reported Interchange Receiver ID Qualifier
011	Invalid Value as Shown in the Reported Interchange Receiver ID
012	Invalid Value as Shown in the First Reference ID Qualifier
013	Invalid Value as Shown in the First Reference ID
014	Invalid Value as Shown in the Second Reference ID Qualifier
015	Invalid Value as Shown in the Second Reference ID
016	Trading Partnership not Established
017	Invalid Number of Included Groups Value
018	Invalid Control Structure
019	Improper (Premature) End-of-file (Transmission)
020	Duplicate Interchange Control Number
021	Invalid Data Element Separator
022	Invalid Component Element Separator
023	Failure to Transfer Interchange to the next Service Request Handler
024	Invalid Delivery Date in Deferred Delivery Request
025	Invalid Delivery Time in Deferred Delivery Request
026	Invalid Delivery Time Code in Deferred Delivery Request
027	Invalid Grade of Service Code
028	Time Out, Not Delivered
029	Time Out, Delivered
030	Time Out, Processed

031 Receiver Not On-line
032 Abnormal Conditions
033 Interchange Exceeds Maximum Size

I44 - Reported Start Segment ID

This contains the start segment ID of the original interchange, functional group or transaction set

TYPE=**AN** MIN=**2** MAX=**3**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IIS TA3

TRANSACTION SETS USED IN

242

I45 - Reported Control Number

This is the control number value of the original interchange, functional group or transaction set

TYPE=**AN** MIN=**1** MAX=**14**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IIS TA3

TRANSACTION SETS USED IN

242

I46 - Reported Date

This is the date value of original interchange or functional group TYPE=**AN** MIN=**1** MAX=**8**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IIS TA3

TRANSACTION SETS USED IN

242

I47 - Reported Time

This is the time value of original interchange or functional group TYPE=**AN** MIN=**1** MAX=**8**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IIS TA3

TRANSACTION SETS USED IN

242

I48 - Reported Interchange Sender ID Qualifier

This is the sender ID qualifier value appearing in original interchange TYPE=**AN** MIN=**1** MAX=**4**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IIS TA3

TRANSACTION SETS USED IN

242

I49 - Reported Sender ID

This is the sender ID value of original interchange or functional group TYPE=**AN** MIN=**1** MAX=**35**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IIS TA3

TRANSACTION SETS USED IN

242

I50 - Reported Interchange Receiver ID Qualifier

This is the receiver ID qualifier value appearing in original interchange TYPE=**AN** MIN=**1** MAX=**4**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IIS TA3

TRANSACTION SETS USED IN

242

I51 - Reported Receiver ID

This is the receiver ID value of original interchange or functional group TYPE=**AN** MIN=**1** MAX=**35**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IIS TA3

TRANSACTION SETS USED IN

242

I52 - First Reference ID Qualifier

This is the ID qualifier value appearing in the original interchange TYPE=**AN** MIN=**1** MAX=**4**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IIS TA3

TRANSACTION SETS USED IN

242

I53 - First Reference ID

This contains the value of the original interchange, as defined by the First Reference ID Qualifier value

TYPE=**AN** MIN=**1** MAX=**14**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IIS TA3

TRANSACTION SETS USED IN

242

I54 - Second Reference ID Qualifier

This is the ID qualifier value appearing in the original interchange TYPE=**AN** MIN=**1** MAX=**4**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IIS TA3

TRANSACTION SETS USED IN

242

I55 - Second Reference ID

This contains the value of the original interchange, as defined by the Second Reference ID Qualifier value

TYPE=**AN** MIN=**1** MAX=**14**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IIS TA3

TRANSACTION SETS USED IN

242

I56 - Reference Code Qualifier

Code identifying the information contained in the Reference Code data element

TYPE=**ID** MIN=**2** MAX=**2**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

TA3

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
01	Mailbag Control Number
02	Sending Service Request Handler Reference Code
03	Receiving Service Request Handler Reference Code
04	Interchange ID Qualifier of Alternate Receiver to which Interchange Has Been Sent
05	ID of Alternate Receiver to which Interchange Has Been Redirected
ZZ	Mutually Defined

I57 - Reference Code

This contains reference information exchanged between service request handlers concerning the reported interchange as defined by the corresponding Reference Code Qualifier data element

TYPE=**AN** MIN=**1** MAX=**35**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

TA3

TRANSACTION SETS USED IN

None

I58 - Interchange Report Type Code

Code indicating type of report

TYPE=**ID** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IRP

TRANSACTION SETS USED IN

242

CODE	DEFINITION & EXPLANATION
1	Comprehensive
2	Not Deliverable
3	Pending Retrieval
4	Unacknowledged
Z	Mutually Defined

I59 - Interchange Report Identifier

Mutually defined report identifier TYPE=**AN** MIN=**1** MAX=**35**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IRP

TRANSACTION SETS USED IN

242

I60 - Interchange Report Incremental Indicator Code

Code indicating whether report is incremental report TYPE=**ID** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IRP

TRANSACTION SETS USED IN

242

CODE	DEFINITION & EXPLANATION
1	Incremental
2	Not Incremental

I61 - Interchange Message Direction Code

Code identifying whether the reported transactions have been sent and/or received by Data Status Tracking report recipient

TYPE=**ID** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IIS IRP

TRANSACTION SETS USED IN

242

CODE	DEFINITION & EXPLANATION
1	Sent
2	Received
3	Sent and Received

I62 - Interchange Report Status Level Code

Code indicating level of statuses included TYPE=ID MIN=1 MAX=1

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IRP

TRANSACTION SETS USED IN

242

CODE	DEFINITION & EXPLANATION
1	Latest Status Only
2	All Statuses
Z	Mutually Defined

I63 - Interchange Report Level of Detail Code

Code indicating level of detail of report TYPE=**ID** MIN=**1** MAX=**1**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IRP

TRANSACTION SETS USED IN

242

CODE	DEFINITION & EXPLANATION
1	Interchanges Only
2	Interchanges and Functional Groups
3	Interchanges, Functional Groups and Transaction Sets
4	Functional Groups Only
5	Functional Groups and Transaction Sets
6	Interchanges and Transaction Sets

I64 - Reported Group or Transaction Identifier

This contains the functional group or transaction set identifier code of the reported functional group or transaction set

TYPE=**AN** MIN=**2** MAX=**6**

MANAGEMENT SIMPLE DATA ELEMENT - NOT INTENDED TO CONVEY DATA TO AN APPLICATION

SEGMENTS USED IN (AS SIMPLE)

IIS

TRANSACTION SETS USED IN

242

I65 - Repetition Separator

Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

TYPE= MIN=**1** MAX=**1**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISA

TRANSACTION SETS USED IN

None

I66 - Exchange Block Sequence

Relative position, starting with position one, of this interchange or exchange block within the Interchange Mailbag.

TYPE=**N0** MIN=**1** MAX=**9**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IMC

TRANSACTION SETS USED IN

None

I67 - Exchange Block Type Identifier Code

Identifies the type of interchange or exchange block content. For an interchange, this identifier is the name of the interchange control segment. For an exchange block it is the filename extension if available, for data in XML syntax this identifier shall be "XML", else it is user defined.

TYPE=**ID** MIN=**1** MAX=**3**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IMC

TRANSACTION SETS USED IN

None

I68 - Exchange Block Length

The number of bytes to be skipped when processing the interchange or exchange block content before searching for the next Interconnect Mailbag Control segment.

TYPE=**N0** MIN=**1** MAX=**9**

RESTRICTED TO USE IN INTERCONNECT MAILBAG CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

IMC

TRANSACTION SETS USED IN

None

I69 - Release Character

Type is not applicable; the release character prevents the character immediately following its appearance from being treated as a Syntax Object.

TYPE= MIN=**1** MAX=**1**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISX

TRANSACTION SETS USED IN

None

I70 - Character Encoding

Identifies a scheme for representing a set of graphical characters with bit patterns.

TYPE=**ID** MIN=**1** MAX=**2**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)
ISX

TRANSACTION SETS USED IN
None

CODE	DEFINITION & EXPLANATION
1	US-ASCII *Latin, Swahili, Hawaiian and American English without most typographic frills.*
2	EBCDIC-US *IBM mainframes Extended Binary Coded Decimal Information Code.*
4	ISO 8859-1 *North America, Western Europe, Latin America, the Caribbean, Canada, Africa.*
5	ISO 8859-2 *Eastern Europe.*
6	ISO 8859-5 *The Cyrillic alphabet. Bulgarian, Belarusian, Russian and Macedonian.*
7	ISO 8859-7 *The modern Greek alphabet and mathematical symbols derived from the Greek.*
8	ISO 8859-3 *SE Europe, Esperanto, miscellaneous others.*
9	ISO 8859-4 *Scandinavia/Baltics (and others not in ISO-8859-1).*
10	ISO 8859-6 *The Arabic alphabet.*
11	ISO 8859-8 *The Hebrew alphabet.*
12	ISO 8859-9 *The Turkish alphabet. Same as ISO-8859-1 except Turkish characters replace Icelandic.*
13	ISO 8859-15 *Nordic alphabets. Lappish, Nordic, Eskimo.*
17	GB18030 *Simplified and traditional Chinese characters.*
18	EUC-JP *Japanese character set standards, namely JIS X 0208, JIS X 0212, and JIS X 0201.*
19	ISO-2022-JP *JIS Encodings.*
20	ISO-2022-JP-2 *Multilingual extension of ISO-2022-JP.*
21	ISO-2022-KR *Encodes ASCII and the Korean double-byte.*

22 EUC-KR
Used primarily for Japanese, Korean, and simplified Chinese.

23 ISO-2022-CN-EXT
Extends ISO-2022-CN with additional Guobiao standard.

24 ISO-2022-CN
Support the character sets GB 2312 (for simplified Chinese) and CNS 11643 (for traditional Chinese).

25 Big5
Chinese character encoding method used in Taiwan, Hong Kong, and Macau for Traditional Chinese characters.

26 ISO-10646-UCS-2
Universal Character Set. Fixed-length 16 bits (2 bytes). Replaced by UTF-16.

27 ISO-10646-UCS-4
Universal Character Set coded in 4 octets. It is now treated simply as a synonym for UTF-32.

28 SCSU
Standard Compression Scheme for Unicode. Technical Standard for reducing the number of bytes needed to represent Unicode text.

29 UTF-7
Universal Character Set. 7-bit Unicode Transformation Format.

30 UTF-16BE
Universal Character Set. 16-bit Unicode Transformation Format Big Endian Byte Order.

31 UTF-16LE
Universal Character Set. 16-bit Unicode Transformation Format Little Endian Byte Order.

32 UTF-16
Universal Character Set. 16-bit Unicode Transformation.

33 UTF8/CESU-8
Universal Character Set. 8-bit Unicode Transformation.

34 UTF-32
Universal Character Set. 32-bit Unicode Transformation.

35 UTF-32BE
Universal Character Set. 32-bit Unicode Transformation Format Big Endian Byte Order.

36 UTF-32LE
Universal Character Set. 32-bit Unicode Transformation Format Little Endian Byte Order.

37 BOCU-1
Binary Ordered Compression for Unicode (BOCU) is a MIME compatible Unicode compression scheme. Combines UTF-8 with the compactness of Standard Compression Scheme for Unicode (SCSU).

I71 - Overriding X12 Version / Release Code

This code indicates the version, and release of the value as agreed to by trading partners to override what is in the first six characters in GS08. Used only when code in GS07 is "X."

TYPE=**ID** MIN=**6** MAX=**6**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISX

TRANSACTION SETS USED IN

None

CODE	DEFINITION & EXPLANATION
004010	Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997
004020	Standards Approved for Publication by ASC X12 Procedures Review Board through October 1998
004030	Standards Approved for Publication by ASC X12 Procedures Review Board through October 1999
004040	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2000
004050	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2001
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002
005010	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003
005020	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2004
005030	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2005
005040	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2006
005050	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2007
006010	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2008
006020	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2009
006030	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2010
006040	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2011
006050	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2012
007010	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2013

007020 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2014

007030 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2015

007040 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2016

007050 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2017

007060 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2018

008010 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2019

008020 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2020

008030 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2021

008040 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2022

008050 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2023

008060 Standards Approved for Publication by ASC X12 Procedures Review Board through December 2024

008070 Standards Approved for Publication by ASC X12 Procedures Review Board through January 2026

I72 - Industry Identifier

An industry or trading partner identifier for an implementation guide. This is the type of content as characters 7 through 12 of GS08. For example, VICS or X231.

TYPE=**AN** MIN=**1** MAX=**15**

RESTRICTED TO USE IN INTERCHANGE CONTROL STRUCTURES ONLY

SEGMENTS USED IN (AS SIMPLE)

ISX

TRANSACTION SETS USED IN

None

Control Standards Table of Contents

Interchange Control Structure (X12.5) 4544

Application Control Structure (X12.6) 4564

Interconnect Mailbag Control Structures (X12.56) 4598

Security Structures (X12.58) 4612

Implementation of EDI Structures –
Semantic Impact (X12.59)..... 4640

Interchange Control Structure (X12.5)

1. Purpose and Scope

The purpose of this standard is to define the control structures for the electronic interchange of one or more encoded business transactions including the EDI (electronic data interchange) encoded transactions of Accredited Standards Committee (ASC) X12. This standard provides the interchange envelope of a header and trailer for the electronic interchange through a data transmission, a structure to acknowledge the receipt and processing of this envelope, and optional, interchange-level service request structures.

These service request segments are treated as a logical extension of the basic interchange control header. An interchange delivery notice segment provides a method to report on interchange services requested and indicates status of delivery and retrieval of an interchange.

2. Referenced and Related Standards

This standard is used with the ASC X12 series of standards on electronic data interchange.

The following material is from The Internet Engineering Task Force (IETF®). The mission of the IETF is to make the Internet work better by producing high quality, relevant technical documents that influence the way people design, use, and manage the Internet.

The following verbatim text is from the cited document as noted immediately below.

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, DOI 10.17487/RFC2119, March 1997, <http://www.rfc-editor.org/info/rfc2119>.

Key words for use in RFCs to Indicate Requirement Levels

In many standards track documents several words are used to signify the requirements in the specification. These words are often capitalized. This document defines these words as they should be interpreted in IETF documents. Authors who follow these guidelines should incorporate this phrase near the beginning of their document:

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC 2119.

Note that the force of these words is modified by the requirement level of the document in which they are used.

1. **MUST This word, or the terms "REQUIRED" or "SHALL", mean that the definition is an absolute requirement of the specification.**
2. **MUST NOT This phrase, or the phrase "SHALL NOT", mean that the definition is an absolute prohibition of the specification.**
3. **SHOULD This word, or the adjective "RECOMMENDED", mean that there may exist valid reasons in particular circumstances to ignore a particular item, but the full implications must be understood and carefully weighed before choosing a different course.**
4. **SHOULD NOT This phrase, or the phrase "NOT RECOMMENDED", mean that there may exist valid reasons in particular circumstances when the particular behavior is acceptable or even useful, but the full implications should be understood and the case carefully weighed before implementing any behavior described with this label.**
5. **MAY This word, or the adjective "OPTIONAL", mean that an item is truly optional. One vendor may choose to include the item because a particular marketplace requires it or because the vendor feels that it enhances the product while another vendor may omit the same item. An implementation which does not include a particular option MUST be prepared to interoperate with another implementation which does include the option, though perhaps with reduced functionality. In the same vein an implementation which does include a particular option MUST be prepared to interoperate with another implementation which does not include the option (except, of course, for the feature the option provides.)**

3. Description of Use

There are six areas of the interchange which appear in the following order.

- Interchange control header
- Interchange service requests
- Interchange delivery notice

- Interchange acknowledgment
- Functional groups
- Interchange control trailer

The interchange control header and the interchange control trailer form the basic interchange. An interchange may contain additional control segments (e.g., service requests, delivery notices, and acknowledgments) and one or more functional groups.

3.1 Definitions and Concepts

The following definitions apply to this description of the interchange control structure. Italicized words indicate these terms are defined elsewhere in this section.

DELIVER: The action whereby the original interchange is made available to the *interchange receiver*. An interchange is considered "delivered" when it has been successfully conveyed to the *mailbox*, or, if a mailbox is not in use, to the *interchange receiver*.

INTERCHANGE RECEIVER: The interchange receiver is the entity that is the intended recipient of the interchange as specified by the *interchange sender* in the interchange header segment. The interchange receiver performs syntactical analysis of the interchange header, trailer, and acknowledgment segments and generates interchange acknowledgments to be returned to the *interchange sender*, if requested.

INTERCHANGE SENDER: The interchange sender is the entity that constructs the interchange header, interchange trailer, and interchange service requests.

INTERCHANGE SERVICE REQUEST: Segment used to specify additional services within the interchange.

MAILBOX: A mailbox is an entity capable of providing protected storage under the control of an *interchange receiver* for an interchange in transit between the *interchange sender* and *interchange receiver*.

RECEIVING SERVICE REQUEST HANDLER: The receiving service request handler is the entity that receives an interchange transferred by other service request handlers and delivers the interchange as specified by the interchange sender. The receiving service request handler also generates interchange delivery notices to be returned to the sending service request handler.

REFUSE: The action taken on an interchange *delivered* to a *mailbox* that cannot, or will not, be *retrieved*.

REJECT: The action taken on an interchange that cannot be *delivered* or *transferred* successfully.

RETRIEVE: The successful conveyance of an interchange from a *mailbox* to the *interchange receiver*.

SENDING SERVICE REQUEST HANDLER: The sending service request handler is the entity that acts upon interchange service requests as specified by the *interchange sender, transferring* the

interchange to the intended *service request handler* of the *interchange receiver*. The sending service request handler also processes interchange delivery notices returned by other *service request handlers*.

SERVICE REQUEST HANDLER: A service request handler is an entity, intermediate to the *interchange sender* and *interchange receiver*, capable of acting upon one or more optional service requests or delivery notifications.

TRANSFER: The action whereby a *sending service request handler* sends an interchange to a *receiving service request handler*.

3.2 Basic Interchange Service

The basic interchange control structure is designed to satisfy the basic requirements for enveloping and routing electronic business data.

3.2.1 Basic Interchange Service Request

The Interchange Control Header (ISA) and Interchange Control Trailer (IEA) segments form the basic interchange service request. This is a basic delivery service request for one or more functional groups or interchange-related control segments, or a combination of functional groups and interchange-related control segments. The basic interchange service request performs the following functions.

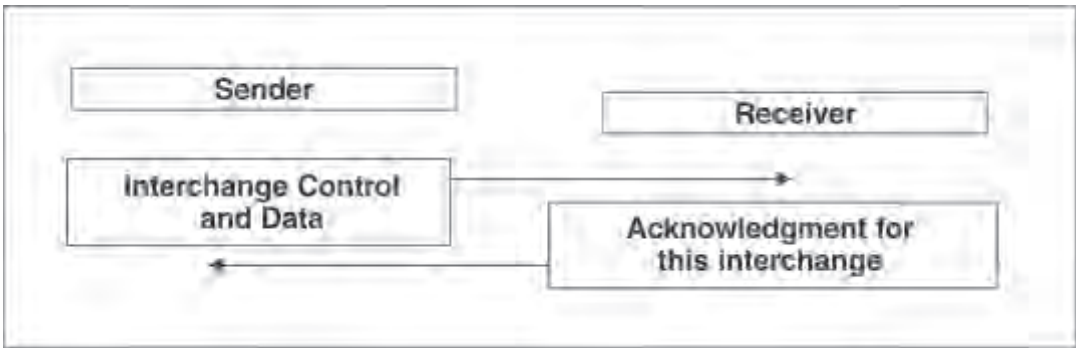
- Defines the data element separator, component element separator, and segment terminator
- Identifies the sender and receiver
- Provides control information for the interchange
- Allows for authorization and security information

The basic interchange service is required for delivery of the interchange. The addressing information is located within the interchange header.

3.2.2 Basic Interchange Acknowledgment

An Interchange Acknowledgment segment (TA1) is used to report the receipt of the contents of one interchange control header and trailer envelope where that envelope surrounds one or more functional groups. This acknowledgment is transferred between the interchange receiver and sender as addressed in the interchange header. The TA1 reports the results of the syntactical analysis of the interchange control header and trailer. There is no acknowledgment for the TA1, thereby preventing an endless loop of acknowledgments. The flow of the original interchange and the corresponding acknowledgment are diagrammed in Figure 3.1 - Flow of Original Interchange and Corresponding Acknowledgment.

Figure 3.1 - Flow of Original Interchange and Corresponding Acknowledgment



The interchange control number value in TA1 is the same as for the ISA for which the acknowledgment was prepared. This control number serves as a link between the interchange header and the acknowledgment of that header.

The TA1 reports the status of the interchange envelope only. It is not used to report the status of the functional groups and transaction sets in the interchange.

The preparer of the interchange header and trailer indicates the level of acknowledgment requested in the acknowledgment requested data element. If the value in this data element position indicates no acknowledgment, the interchange receiver shall not return that acknowledgment. A TA1 control segment shall not be generated for an interchange that does not contain any transaction sets, thus preventing an endless loop of TA1 or TA3 acknowledgments.

3.3 Optional Interchange Service Requests

The basic interchange service capability provided by the ISA can be expanded by optional interchange service requests and responses.

The optional interchange service requests accompanying a basic interchange request (ISA) provide the interchange sender with a means to request ancillary services that may be provided by service requests handlers.

The optional interchange service request segment and the service functions they are designed to support are:

ISB - Grade of Service Request and
ISE - Deferred Delivery Request.

It is the responsibility of the interchange sender to know whether or not their service request handler (SRH) supports the service request.

When the SRH receives a service request from the interchange sender or sending SRH, the SRH will, by default, remove the service request. To override the default, the SRH must establish an agreement with the interchange receiver or receiving SRH to retain the service request.

Although the segments for these services are separate segments, they immediately follow the basic interchange header and must be treated as a logical extension to the ISA. This means that the service request handlers must examine the fully extended header to decide if there are any optional services to perform.

3.4 Interchange Syntax Extension (ISX)

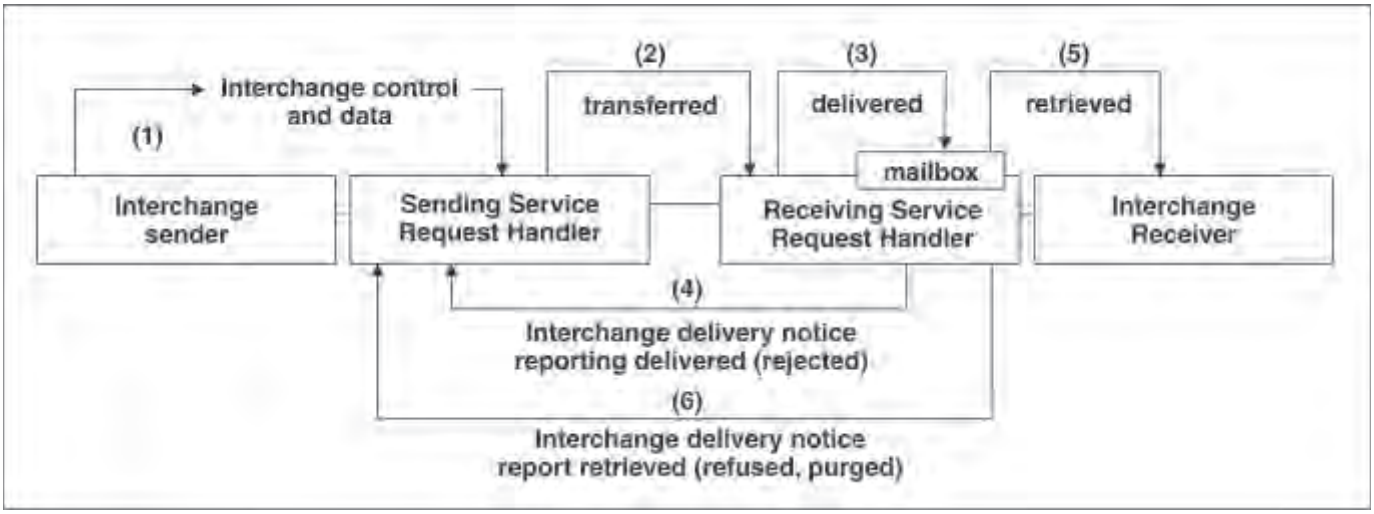
An Interchange Syntax Extension segment is used by the interchange sender to indicate to the interchange receiver additional information required for the correct syntactic processing of the interchange. An Interchange Service Extension is optional and only used by mutual agreement between the interchange sender and interchange receiver.

3.5 Interchange Delivery Notice (TA3)

The Interchange Delivery Notice segment (TA3) is exchanged between service request handlers to inform the sending service request handlers of actions taken on the interchange by the receiving service request handler. The TA3 reports the delivery and the retrieval of the interchange. The TA3 also reports the unsuccessful delivery or retrieval of the interchange and identifies the error condition. Data extracted from the reported interchange for identification purposes and timestamps that identify the time an action has occurred are included. Other optional service request handler actions are also reported.

The flow of the original interchange and the corresponding TA3 segments are diagrammed in Figure 3.2 - Flow of Original Interchange and Corresponding Interchange Delivery Notice (event sequence illustrated as numbered).

Figure 3.2 - Flow of Original Interchange and Corresponding Interchange Delivery Notice (event sequence illustrated as numbered)



The use of TA3 is optional. Its usage should be based on mutual agreement. A TA3 control segment shall not be generated for an interchange that does not contain any transaction sets, thus preventing an endless loop of TA1 or TA3 acknowledgments.

TA3 segments are conveyed in an interchange addressed from the receiving service request handler to the sending service request handler.

3.6 Order of Control Segments

The interchange prepared by the interchange sender shall occur in the order as listed in Table 3.1 - Order of the Interchange Segments for Interchange Sender. (See explanations of field heading that follow figure 3.4.)

Table 3.1 - Order of the Interchange Segments for Interchange Sender

Seg. ID	Name	Req. Des.	Max Use
ISA	Interchange Control Header	M	1
ISB	Grade of Service	O	1
ISE	Deferred Delivery Request	O	1
TA1	Interchange Acknowledgment	O	>1
ISX	Interchange Syntax Extension	O	1
-	Functional Groups (see note)	O	99,999
IEA	Interchange Control Trailer	M	1

NOTE: In the diagram above, the functional group is not an interchange component of this standard but appears in this figure to establish positioning for the functional groups. Zero, one, or more than one interchange acknowledgments may appear in one interchange. Zero, one, or more than one functional groups may appear in one interchange. However, at least one interchange acknowledgment or functional group must appear in an interchange for an interchange sender.

The interchange prepared by the service request handler shall occur in the order as listed in Table 3.2 - Order of the Interchange Segments for Service Request Handler.

Table 3.2 - Order of the Interchange Segments for Service Request Handler

Seg. ID	Name	Req. Des.	Max Use
ISA	Interchange Control Header	M	1
TA3	Interchange Delivery Notice	M	>1
IEA	Interchange Control Trailer	M	1

3.7 Date and Time in the Interchange Segments

3.7.1 Basic Interchange Service - Dates and Times

The dates and times used in the ISA and TA1 segments represent local date and time of the interchange sender.

3.7.2 Optional Interchange Service Requests - Dates and Times

For optional interchange service request segments, a relationship to universal time coordinate (UTC) is provided to allow calculation of the time and date independent of the location of the interchange sender and the service request handler. This is particularly important if the interchange sender and the service request handler do not have the same local time.

3.7.3 Interchange Delivery Notice - Dates and Times

For the TA3, the date and time used to identify an interchange is copied from the interchange header and therefore represent local date and time of the interchange sender. The dates and times used as action dates and times shall be UTC.

4. Syntax

4.1 Basic Structure

A data element corresponds to a data field in data processing terminology. It is the smallest named item in the standard.

A control segment has the same structure as a data segment; the distinction is in the usage. The data segment is used primarily to convey user information, while the control segment is used primarily to convey control information and to group data segments. A data segment corresponds to a record in data processing terminology. The data segment begins with a segment ID and contains related data elements.

Other definitions, such as data element types, may be found in X12.6 Application Control Structure.

4.2 Syntax Notation

The syntax is defined in Backus Naur Form (BNF), which is described below. Other syntax elements may be found in X12.6 Application Control Structure.

- Lower case words denote syntactic constructs which are enclosed in angle brackets. The underscore is included as a valid character, e.g.,

  <transaction_set>
- The defined construct is on the left side of a statement and is separated from the defining right side by the symbol "::=", e.g.,

  <one_construct> **::=** **<another_construct>**
- Uppercase words are predefined labels, e.g.,

  TRM
- Lowercase words not enclosed in angle brackets denote a general class of items which are not further defined in this section of the standard, e.g.,

  data
- Brackets denote optional items, e.g.,

  [<one_construct>]
- When alternative definitions exist, they may be shown separated by a vertical bar "|", e.g.,

  <letter_or_digit> **::=** **<uppercase_letter> | lt;digit>**
- Braces enclose an item which may appear zero or more times, e.g.,

  <unsigned_integer> **::=** **<digit> {<digit>}**

4.3 Delimiter Specifications

The delimiters consist of three separators and a terminator. The delimiters are devised for inclusion within the data stream of the transfer. The delimiters are:

- <tr> segment terminator
- <gs> data element separator
- <us> component element separator
- <rs> repetition separator

The delimiters are assigned by the interchange sender. These characters are disjoint from those of the data elements; if a character is selected for the data element separator, the component element separator, the repetition separator or the segment terminator from those available for the data elements, that character is no longer available during this interchange for use in a data element. The instance of the terminator <tr> must be different from the instance of the data element separator <gs>, the component element separator <us> and the repetition separator <rs>. The data element separator, component element separator and repetition separator must not have the same character assignment.

4.4 Interchange Structure Syntax

The BNF for the syntax of this standard is listed below. Other syntax elements not defined here may be found in X12.6 Application Control Structure.

<interchange_structure>	**::=**	**<inter_header> (<inter_request> | <inter_response>) <inter_trailer>**
<inter_request>	**::=**	**[<grade_of_service>] [<time_delay>] {<inter_ack>} {<functional_group>}**
<inter_response>	**::=**	**<inter_status> {<inter_status>}**

4.4.1 Basic Interchange Segments

The basic interchange segments consist of the ISA, the IEA, and the TA1 segments.

4.4.1.1 Interchange Control Header Segment (ISA)

Table 4.4.1.1 - Interchange Control Header Segment (ISA)

<inter_header>	**::=**	**ISA <gs> <authorization> <gs> <security> <gs> <sender> <gs> <receiver> <gs> <inter_date_time> <gs> <rs> <gs> <version_id> <gs> <inter_control> <gs> <ack_requested> <gs> <test_indicator> <gs> <us> <tr>**
<authorization>	**::=**	**(<authorization_qualifer> <gs> <authorization_info>) | ("00" <gs> <no_information>)**
<authorization_qualifier>	**::=**	**<id>**

<authorization_info>	::=	<string>
<security>	::=	(<security_qualifier> <gs> <security_info>) | ("00" <gs> <no_information>)
<security_qualifier>	::=	<id>
<security_info>	::=	<string>
<sender>	::=	<inter_id_qualifier> <gs> <sender_id>
<receiver>	::=	<inter_id_qualifier> <gs> <receiver_id>
<inter_id_qualifier>	::=	<id>
<sender_id>	::=	<string>
<receiver_id>	::=	<string>
<inter_date_time>	::=	<date> <gs> <time>
<version_id>	::=	<id>
<inter_control>	::=	<numeric>
<ack_requested>	::=	<id>
<test_indicator>	::=	<id>
<no_information>	::=	<space> <space> <space> <space> <space> <space> <space> <space> <space> <space>

4.4.1.2 Interchange Trailer Segment (IEA)

Table 4.4.1.2 - Interchange Trailer Segment (IEA)

<inter_trailer>	::=	IEA <gs> <number_groups> <gs> <inter_control> <tr>
<number_groups>	::=	<numeric>

4.4.1.3 Interchange Acknowledgment Segment (TA1)

Table 4.4.1.3 - Interchange Acknowledgment Segment (TA1)

<inter_ack>	::=	TA1 <gs> <inter_control> <gs> <date> <gs> <time> <gs> <ack_code> <gs> <note_code> <tr>
<ack_code>	::=	<id>
<note_code>	::=	<id>

4.4.2 Interchange Service Request Segments

The interchange service request segments are the Grade of Service segment (ISB) and the Deferred Delivery Request (ISE) segments.

4.4.2.1 Grade of Service Request Segment (ISB)

<priority>	::=	ISB <gs> <pri_code> <tr>
<pri_code>	::=	<id>

4.4.2.2 Deferred Delivery Request Segment (ISE)

<time_delay>	::=	ISE <gs> <delay_date> <gs> <delay_time> [<gs> <delivery_time_code>] <tr>
<delay_date>	::=	<date>
<delay_time>	::=	<time>
<delivery_time_code>	::=	<numeric>

4.4.3 Interchange Delivery Notice

4.4.3.1 Interchange Delivery Notice Segment (TA3)

Table 4.4.3.1 - Interchange Delivery Notice Segment (TA3)

<inter_status>	::=	TA3 <gs> <service_handler_identification> <gs> <error_reason_code> <gs> <interchange_information> <gs> <interchange_action> <gs> [<interchange_action>] <gs> <reference> <gs> <reference> <gs> <reference> <tr>
<service_handle_identification>	::=	<service_handler_qualifier> <gs> <service_handler_id>
<service_handler_qualifier>	::=	<id>
<service_handler_id>	::=	<string>
<interchange_action>	::=	<interchange_action_code> <gs> <interchange_action_date> <gs> <interchange_action_time>
<interchange_action_code>	::=	<id>
<interchange_action_date>	::=	<date>
<interchange_action_time>	::=	<time>
<error_reason_code>	::=	<id>
<interchange_information>	::=	<interchange_segment_id> <gs> <interchange_control_number> <gs> <interchange_date> <gs> <interchange_time> <gs> <interchange_sender_qualifier> <gs> <interchange_sender> <gs> <interchange_receiver_qualifier> <gs> <interchange_receiver> <gs> <first_reference> <gs> <second_reference>

<interchange_segment_id>	::=	<id>
<interchange_control_number>	::=	<string>
<interchange_date>	::=	<string>
<interchange_time>	::=	<string>
<interchange_sender_qualifier>	::=	<string>
<interchange_sender>	::=	<string>
<interchange_receiver_qualifier>	::=	<string>
<interchange_receiver>	::=	<string>
<first_reference>	::=	[<string>] <gs> [<string>]
<second_reference>	::=	[<string>] <gs> [<string>]
<reference>	::=	[<reference_code_qualifier>] <gs> [<reference_code>]
<reference_code_qualifier>	::=	<id>
<reference_code>	::=	<string>

4.4.4 Interchange Syntax Extension (ISX)

<inter_syntax_extensions>	::=	ISX <gs> <rc> <gs> <character_encoding> <tr>
<character_encoding>	::=	<id>

5. Interchange Segment Specifications

5.1 Basic Interchange Segments

5.1.1 Segment Specifications

Specifications for the interchange segments are provided in the segment directory.

5.1.2 Interchange Control Header Segment (ISA)

Purpose:

To start and identify an interchange of zero or more functional groups and interchange-related control segments.

The actual values of the data element separator, component element separator, repetition separator, and segment terminator for this interchange are set by the interchange control header. For a particular interchange, the value at the fourth character position of the interchange control header is the data element separator, and the value of the last character position is the segment terminator. The extent of this particular usage of the data element separator, component element separator, and the segment terminator is from this header to, and including, the next interchange trailer. The interchange control number value in this header must match the value in the same data element in the IEA segment.

In order to provide sufficient discrimination for the acknowledgment process to operate reliably and to ensure that audit trails are unambiguous, the combination of interchange sender's qualifier and ID (ISA05, ISA06), interchange receiver's qualifier and ID (ISA07, ISA08) and the interchange control number value (ISA13) shall by themselves be unique within a reasonably extended time frame whose boundaries shall be defined by trading partner agreement. Because at some point it may be necessary to reuse a sequence of control numbers, the Interchange Date and Time may serve as an additional discriminant only to differentiate interchange identity over the longest possible time frame.

5.1.3 Interchange Control Trailer Segment (IEA)

Purpose:

To define the end of an interchange of zero or more functional groups and interchange-related control segments.

The interchange control number in this trailer must match the value in the same data element in the corresponding ISA segment.

5.1.4 Interchange Acknowledgment Segment (TA1)

Purpose:

To report the status of the processing of an interchange header and trailer by the addressed receiver or the non-delivery by a network provider.

5.2 Optional Interchange Segments

5.2.1 Grade of Service Request Segment (ISB)

Purpose:

To request a delivery priority for this interchange higher or lower than normally provided. The priority request is performed by each service request handler, using each handler's criteria for providing priority delivery service.

5.2.2 Deferred Delivery Request Segment (ISE)

Purpose:

To specify the earliest time when the interchange can be delivered.

The time and date in the ISE segment indicates the earliest time the interchange can be delivered to the interchange receiver.

5.2.3 Interchange Syntax Extension (ISX)

Purpose:

To allow the interchange sender to specify additional information required for the interchange receiver to perform syntax interpretation of the interchange. This segment allows specification of a release character, character encoding, and similar capabilities.

5.3 Interchange Delivery Notice Segment (TA3)

Purpose:
To provide a notice from the receiving service request handler to the sending service request handler that an interchange was delivered or not delivered to the interchange receiver's mailbox, or some other ancillary service was performed, and that the interchange receiver retrieved, refused, or purged the interchange; TA3 is exchanged only between service request handlers; use of the TA3 segment is optional.

6. Data Element Specifications

6.1 Data Element Definitions

Specifications for the data elements of this standard are provided in the Data Element Dictionary. Code Sources for code lists not maintained by ASC X12 appear in the Index to Code Sources at the end of the Data Element Dictionary. Reference to Code Source Identifiers follow Data Element descriptions or Data Element definitions.

Appendix A. Implementation Considerations

This Appendix covers implementation considerations regarding the character sets used in the interchange of the transaction sets with particular emphasis on the delimiters. The basic and extended character sets are defined in X12.6; reference should be made to that standard for a definition of those character sets. Portions of those definitions are repeated here as required for understanding. The BNF used below is defined in X12.6.

A.1 Basic Character Set

The selection that follows is designed to have representation in the common character code schemes of EBCDIC, ASCII, and CCITT International Alphabet 5. The ASC X12 standards are graphic-character-oriented; therefore, common character encoding schemes other than those specified herein may be used as long as a common mapping is available. Since the graphic characters have an implied mapping across character code schemes, those bit patterns are not provided here.

The basic character set of this standard includes those selected from the uppercase letters, digits, space, and special characters as specified below.

<uppercase_letter> ::=	A	...	Z			
<digit> ::=	0	...	9			
<special_char> ::=	“!”	“””	“&”	“’”	“(”	“)”
	“*”	“+”	“,”	“-”	“.”	“/”
	“:”	“;”	“?”	“=”		
<space> ::=	“ ”					

A.2 Extended Character Set

An extended character set may be used by negotiation between the two parties and includes the lowercase letters and other special characters as specified below.

<lower_case_letter> ::=	"a"	...	"z"			
<other_special_char> ::=	"%"	"@"	"["	"]"	"_"	"{"
	"}"	"\"	"|"	"<"	">"	"~"
	"^"	"`"				
<national_char> ::=	"#"	"$"				

It should be noted that

<special_char>
<other_special_char>

and

<national_char>

include several character codes which have multiple graphical representations for a specific bit pattern. The complete list appears in other standards such as CCITT S.5. Use of the USA graphics for these codes presents no problem unless data is exchanged with an international partner. Other problems, such as the translation of item descriptions from English to French, arise when exchanging data with an international partner, but minimizing the use of codes with multiple graphics eliminates one of the more obvious problems.

A.3 Control Characters

Two control character groups are specified which have only restricted usage. The common notation for these is also provided, together with the character coding in three common alphabets represented by their hexadecimal values. In the following table IA5 represents CCITT V.3 International Alphabet 5.

A.3.1 Terminal Control Set

The terminal control set includes characters used to control terminal display characteristics. These characters usually will not have an effect on a transmission system. These are presented by the syntactic entity of <term_control_char>.

SYM	Notation	EBCDIC	ASCII	IA5
BEL	bell	2F	07	07
HT	horizontal tab	05	09	09
LF	line feed	25	0A	0A
VT	vertical tab	0B	0B	0B
FF	form feed	0C	0C	0C
CR	carriage return	0D	0D	0D
NL	new line	15	(See Note)	
FS	file separator	1C	1C	1C
GS	group separator	1D	1D	1D
RS	record separator	1E	1E	1E
US	unit separator	1F	1F	1F

Note: The equivalent representation for the EBCDIC “new line” character is the character pair "carriage return" "line feed" in ASCII or IA5. If mapped in this manner, the superfluous "line feed" is ignored, and the "carriage return" is treated as the delimiter. For historical reasons, many systems support this mapping for use as the <segment_terminator>.

A.3.2 Communication Control Set

The communication control set includes those that may have an effect on a transmission system. These are represented by the syntactic entity of <comm_control_char>.

SYM	Notation	EBCDIC	ASCII	IA5
GS	group separator	1D	1D	1D
RS	record separator	1E	1E	1E
US	unit separator	1F	1F	1F
SOH	start of header	01	01	01
STX	start of text	02	02	02
ETX	end of text	03	03	03
EOT	end of transmission	37	04	04
ENQ	enquiry	2D	05	05
ACK	acknowledge	2E	06	06
DC1	device control 1	11	11	11
DC2	device control 2	12	12	12
DC3	device control 3	13	13	13
DC4	device control 4	3C	14	14
NAK	negative acknowledge	3D	15	15
SYN	synchronous idle	32	16	16
ETB	end of block	26	17	17

A.4 Specification of Delimiters

The delimiters are defined within this standard. This section of this Appendix covers the recommended maximum range of the characters for the delimiters. A series of specific recommendations are provided in Section 5.

A.4.1 Terminator

<tr>	**::=**	**segment_terminator**

A.4.2 Data Element Separator

<gs>	**::=**	**data_element_separator**

A.4.3 Subelement Separator

<us>	**::=**	**sub_element_separator**

A.4.4 Repetition Separator

<rs>	**::=**	**repetition_separator**

A.4.5 Release Character

<rc>	**::=**	**release_character**

A.5 Recommendations for the Delimiters

Because of the potential conflicts with either the data elements or with special uses in transmission and device control, the following recommendations are provided for the delimiter character selection.

The following characters usually occur in data. They should not be used as delimiters:

<uppercase_letter>
<lowercase_letter>
<digit>
<space>
"-" (minus sign)

The following characters often appear in data. Use as delimiter characters with caution.

<special_char>

The following characters sometimes appear in data. Use as delimiter characters with caution.

<other_special_char>

The following characters are used for terminal control. Use as delimiter characters with caution.

<term_control_char>

The following characters may disrupt communications. Use as delimiter characters with caution.

<comm_control_char>

Delimiter characters must be chosen with care, after consideration of data content, limitations of the transmission protocol(s) used, and applicable industry conventions. In the absence of other guidelines, the following recommendations are offered:

<tr> terminator				
<file separator>	<new line>	<carriage return>	<line feed>	<"~">
<Note: the "~" was chosen for its infrequency of use in textual data>				

<gs> data element separator		
<horizontal tab>	"*"	
Note: the "asterisk" has a potential for conflict with the data stream; however, it has been the preferred character historically, and so is explicitly listed in the recommendation.		

<us> component element separator		
<vertical tab>	"\"	
Note: the "\" was chosen for its infrequency of use in textual data.		

<rs> repetition separator		
<record separator>	"^"	
Note: the "^" was chosen for its infrequency of use in textual data.		

<rc> release_character		
<release_character>	"!"	
Note: the "!" was chosen because of its common use in the international community.		

A.6 Encoding Specification

X12 has always used a graphical character set and has been neutral toward the particular encoding used in the data stream of a transfer. However, the ability to specify the specific encoding early in the data stream raises some implementation considerations around being able to properly read the encoding. In the absence of mutual agreement between sender and receiver, if it is desired that the encoding be determined from reading the data stream it is recommended that the interchange up through and including the ISX segment be encoded in a character set compatible with US-ASCII.

Encoding schemes are used to preserve data in digital format for storage and transmission. Each encoding has an association with a defined set of characters and is the method of representing a string of characters with a string of bytes. X12 Encoding applies to the data stream beginning with the Functional Group to the end of the interchange.

Language specific encoding provides the ability to identify the set of characters contained in elements defined as text beyond the ISX. Element level encoding should be used with the language specific character sets and only applies to text elements. Segment identifiers, delimiters, and elements defined with code list values should remain in a character set compatible with US-ASCII.

Universal character sets defined with the Unicode Standard have the capability to represent the characters defined in most all encoding schemes and introduce a difference in how the encoding

should be applied to the X12 data stream. Package level encoding should be used with Unicode encoding schemes such as UTF-8, UTF-16, and UTF-32. Encoding schemes defined in the Unicode Standard represent each character as a binary number in 8, 16, or 32 bits. A Unicode encoding would be applied to all characters following the ISX segment.



X12.6 Application Control Structure

1. Purpose and Scope

This standard defines the structure of business transactions for computer-to-computer interchange. This structure is expressed using a symbolic representation of X12 data independent of the physical representation (e.g., character set encoding). Transformations that affect the physical representation of the data are outside the scope of this standard. The symbolic representation is expressed in terms of both the design and use of X12 structures. This includes the control segments used to bound loops of data segments, transaction sets, and groups of related transaction sets, and the special control segments used to bound transaction sets and groups of transaction sets for security purposes.

This standard does not define any specific transaction set. Data segments are defined in a segment directory; data elements are defined in a data element dictionary; composite data structures are defined in a composite data structure directory; control segments and the binary segment are defined in this standard and fully described in a segment directory.

2. Referenced and Related Standards

This standard is used with the ASC X12 series of standards on electronic data interchange.

The following material is from The Internet Engineering Task Force (IETF®). The mission of the IETF is to make the Internet work better by producing high quality, relevant technical documents that influence the way people design, use, and manage the Internet.

The following verbatim text is from the cited document as noted immediately below.

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, DOI 10.17487/RFC2119, March 1997, <http://www.rfc-editor.org/info/rfc2119>.

Key words for use in RFCs to Indicate Requirement Levels

In many standards track documents several words are used to signify the requirements in the specification. These words are often capitalized. This document defines these words as they should be interpreted in IETF documents. Authors who follow these guidelines should incorporate this phrase near the beginning of their document:

> **The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC 2119.**

Note that the force of these words is modified by the requirement level of the document in which they are used.

1. **MUST This word, or the terms "REQUIRED" or "SHALL", mean that the definition is an absolute requirement of the specification.**
2. **MUST NOT This phrase, or the phrase "SHALL NOT", mean that the definition is an absolute prohibition of the specification.**
3. **SHOULD This word, or the adjective "RECOMMENDED", mean that there may exist valid reasons in particular circumstances to ignore a particular item, but the full implications must be understood and carefully weighed before choosing a different course.**
4. **SHOULD NOT This phrase, or the phrase "NOT RECOMMENDED", mean that there may exist valid reasons in particular circumstances when the particular behavior is acceptable or even useful, but the full implications should be understood and the case carefully weighed before implementing any behavior described with this label.**
5. **MAY This word, or the adjective "OPTIONAL", mean that an item is truly optional. One vendor may choose to include the item because a particular marketplace requires it or because the vendor feels that it enhances the product while another vendor may omit the same item. An implementation which does not include a particular option MUST be prepared to interoperate with another implementation which does include the option, though perhaps with reduced functionality. In the same vein an implementation which does include a particular option MUST be prepared to interoperate with another implementation which does not include the option (except, of course, for the feature the option provides.)**

3. Definitions and Concepts

3.1 Basic Structure

The X12 standards define commonly used business transactions in a formal, structured manner called transaction sets. A transaction set is composed of a transaction set header control segment, one or more data segments, and a transaction set trailer control segment. Optionally the transaction set may also include a transaction security header control segment and transaction security trailer control segment when it is desirable to send the data within the transaction envelope in an authenticated or encrypted form, or both.

Each segment is composed of: a unique segment ID; one or more logically related simple data elements or composite data structures, or both, each preceded by a data element separator; and a segment terminator. Composite data structures are composed of one or more logically related component data elements, each, except the last, followed by a component element separator. The data segment directory entry referenced by the data segment identifier defines the sequence of simple data elements and composite data structures in the segment and any interdependencies that may exist. The composite data structure directory entry referenced by the composite data structure number defines the sequence of component data elements in the composite data structure.

A data element in the transaction set header identifies the type of transaction set. A functional group contains one or more related transaction sets preceded by a functional group header control segment and terminated by a functional group trailer control segment. Optionally, the functional group may also include a functional security header control segment and functional security trailer control segment when it is desirable to send the data within the functional envelope in an authenticated or encrypted form, or both.

3.2 Syntax Notation

The syntax is defined in a Backus-Naur Form (BNF), which is described in 3.2.1 through 3.2.8. Each definition is accompanied by explanatory text. In some cases actual use (the actual data stream) of an X12 structure may not be the same as the definition. These instances are caused by the optional nature of some structures. Where such structures occur in this document, two representations of the BNF are presented, labeled "definition" and "use" respectively.

3.2.1 Syntactic Entities

Lowercase strings that are enclosed in angle brackets denote syntactic entities. The underscore is included as a valid character for this representation. For example:

```
<transaction_set>
```

3.2.2 Defined Constructs

The defined construct is on the left side of a statement and is separated from the defining right side by two colons and an equal sign (::=). For example:

```
<one_construct>::=<another_construct>
```

3.2.3 Other Inclusions

In the statements, spaces between syntactic entities are not significant and may be included for clarity. Meaningful spaces may be included in the statements by enclosing them in quotation marks. Other symbols may be included in quotation marks for clarity. The right side of the statement may be continued onto lower lines and be divided between syntactical entities. Ellipses (...) are used to represent missing items when a logical progression has been established.

3.2.4 Alternative Definitions

When alternative definitions exist, they may be shown separated by a vertical bar (|). For example:

```
<letter_or_digit>::=<uppercase_letter> | <digit>
```

3.2.5 Predefined Labels

Certain character strings (for example, "ST") are predefined labels and are always to be used as they are given. Punctuation symbols appear as they would in the transfer of data; for example, the decimal point in "1.2" shall be specified as:

```
<digit> . <digit>
```

3.2.6 Optional Items

Square brackets enclose optional items. For example, the optional negative sign is expressed as:

```
[-]
```

3.2.7 Multiple Occurrences

Braces enclose an item which may appear zero or more times. For example:

```
<unsigned_integer>::=<digit> {digit}
```

3.2.8 Minimums/Maximums

The minimum and maximum number of characters that may be used for a syntactic entity is specified by the inclusion of two numbers in parentheses appended to the end of the syntactic construct as (minimum/maximum). This is used to represent the minimum and maximum lengths of a data element in the data element dictionary.

<id>(02/03)	**::=**	**<letter_or_digit> <letter_or_digit> [<letter_or_digit>]**

3.2.9 External Entities

Uppercase strings that are enclosed in angle brackets denote syntactic entities that are defined external to this document. When used they are accompanied by text specifying the entity or entities referenced. The underscore is included as a valid character for this representation. For example:

<ISO_LANGUAGE_CHARACTER>

3.3 Character Set

All data element values, except those of the binary data element, shall be constructed using the character set specified in 3.3.1 through 3.3.3. The character set of this standard is grouped according to common characteristics.

NOTE:
The X12 standards are graphic-character oriented, so any common character encoding schemes may be used as long as a common mapping is available. No collating sequence is to be assumed in any definition used in the standard since no single character code is specified and no other means of specifying a sequence is provided.

3.3.1 Basic Character Set

The basic character set of this standard consists of uppercase letters, digits, special characters, and space.

(1) Uppercase letters from A to Z:

<uppercase_letter>	**::=**	**"A" | ... | "Z"**

Latin Alphabet: Uppercase

A	Latin Capital letter A
B	Latin Capital letter B
C	Latin Capital letter C
D	Latin Capital letter D
E	Latin Capital letter E
F	Latin Capital letter F

G	Latin Capital letter G
H	Latin Capital letter H
I	Latin Capital letter I
J	Latin Capital letter J
K	Latin Capital letter K
L	Latin Capital letter L
M	Latin Capital letter M
N	Latin Capital letter N
O	Latin Capital letter O
P	Latin Capital letter P
Q	Latin Capital letter Q
R	Latin Capital letter R
S	Latin Capital letter S
T	Latin Capital letter T
U	Latin Capital letter U
V	Latin Capital letter V
W	Latin Capital letter W
X	Latin Capital letter X
Y	Latin Capital letter Y
Z	Latin Capital letter Z

(2) Digits from 0 to 9:

<digit>	**::=**	**"0" | ... | "9"**

ASCII Digits

0	Digit Zero

1	Digit One
2	Digit Two
3	Digit Three
4	Digit Four
5	Digit Five
6	Digit Six
7	Digit Seven
8	Digit Eight
9	Digit Nine

(3) Special characters:

<special_char>	**::=**	**"!" | """ | "&" | "'" | "(" | ")" | "*" | "+" | "," | "-" | "." | "/" | ":" | ";" | "?" | "="**

ASCII Punctuation & Symbols

!	Exclamation mark
"	Quotation mark
&	Ampersand
'	Apostrophe
(	Left parenthesis
)	Right parenthesis
*	Asterisk
+	Plus sign
,	Comma
-	Hyphen-minus
.	Full stop

/	Slash (Solidus)
:	Colon
;	Semicolon
?	Question mark
=	Equal sign

NOTE:
Special characters are removed from this category when used as delimiters or release character, unless protected by the release character.

(4) The space character:

<space>	**::=**	**" "**

ASCII Punctuation & Symbols

	Space

3.3.2 Extended Character Set

An extended character set may be used by agreement between communicating parties and includes the lowercase letters, other special characters, national characters, and select language characters, and other language characters.

(1) Lowercase letters from a to z:

<lowercase_letter>	**::=**	**"a" | ... | "z"**

Latin Alphabet: Lowercase

a	Latin Small letter A
b	Latin Small letter B
c	Latin Small letter C
d	Latin Small letter D
e	Latin Small letter E
f	Latin Small letter F
g	Latin Small letter G

h	Latin Small letter H
i	Latin Small letter I
j	Latin Small letter J
k	Latin Small letter K
l	Latin Small letter L
m	Latin Small letter M
n	Latin Small letter N
o	Latin Small letter O
p	Latin Small letter P
q	Latin Small letter Q
r	Latin Small letter R
s	Latin Small letter S
t	Latin Small letter T
u	Latin Small letter U
v	Latin Small letter V
w	Latin Small letter W
x	Latin Small letter X
y	Latin Small letter Y
z	Latin Small letter Z

(2) Other special characters:

<other_special_char>	**::=**	**"%" | "@" | "[" | "]" | "_" | "{" | "}" | "\" | "|" | "<" | ">" | "~" | "^" | "`"**

ASCII Punctuation & Symbols

%	Percent sign

@	At sign
[	Left Square Bracket
]	Right Square Bracket
_	Low line (Underscore)
{	Left Curly Bracket
}	Right Curly Bracket
\	Backslash
|	Vertical bar
<	Less-than sign
>	Greater-than sign
~	Tilde
^	Circumflex accent
`	Grave accent

NOTE:
Special characters are removed from this category when used as delimiters unless protected by the release character.

(3) National characters:

<national_char>	**::=**	**"#" | "$"**

Latin Alphabet: Lowercase

#	Number sign
$	Dollar sign

(4) Select language characters:

<select_language_char>	**::=**	**"À" | "Á" | "Â" | "Ä" | "Å" | "à" | "á" | "â" | "ä" | "ã" | "å" | "æ" | "È" | "É" | "Ê" | "è" | "é" | "ê" | "ë" | "Ì" | "Í" | "Î" | "ì" | "í" | "î" | "ï" | "Ò" | "Ó" | "Ô" | "Ö" | "ò" | "ó" | "ô" | "ö" | "Ù" | "Ú" | "Û" | "Ü" | "ù" | "ú" |**

		"û" | "ü" | "Ç" | "ç" | "Ñ" | "ñ" | "¿" | "¡" | "Ø" | "ø"

Letters

À	Latin Capital Letter A with grave
Á	Latin Capital letter A with acute
Â	Latin Capital letter A with circumflex
Ä	Latin Capital letter A with diaeresis
Å	Latin Capital letter A with ring above
à	Latin Small Letter A with grave
á	Latin Small Letter A with acute
â	Latin Small Letter A with circumflex
ä	Latin Small Letter A with diaeresis
ã	Latin Small Letter A with tilde
å	Latin Small Letter A with ring above
æ	Latin Small Letter Ae
È	Latin Capital letter E with grave
É	Latin Capital letter E with acute
Ê	Latin Capital letter E with circumflex
è	Latin Small Letter E with grave
é	Latin Small Letter E with acute
ê	Latin Small Letter E with circumflex
ë	Latin Small Letter E with diaeresis
Ì	Latin Capital letter I with grave
Í	Latin Capital letter I with acute

Î	Latin Capital letter I with circumflex
ì	Latin Small Letter I with grave
í	Latin Small Letter I with acute
î	Latin Small Letter I with circumflex
ï	Latin Small Letter I with diaeresis
Ò	Latin Capital letter O with grave
Ó	Latin Capital letter O with acute
Ô	Latin Capital letter O with circumflex
Ö	Latin Capital letter O with diaeresis
ò	Latin Small Letter O with grave
ó	Latin Small Letter O with acute
ô	Latin Small Letter O with circumflex
ö	Latin Small Letter O with diaeresis
Ù	Latin Capital letter U with grave
Ú	Latin Capital letter U with acute
Û	Latin Capital Letter U with circumflex
Ü	Latin Capital Letter U with diaeresis
ù	Latin Small Letter U with grave
ú	Latin Small Letter U with acute
û	Latin Small Letter U with circumflex
ü	Latin Small Letter U with diaeresis
Ç	Latin Capital letter C with cedilla
ç	Latin Small Letter C with cedilla
Ñ	Latin Capital letter N with tilde

ñ	Latin Small Letter N with tilde
¿	Inverted Question Mark
¡	Inverted Exclamation Mark
Ø	Latin Capital letter O with stroke
ø	Latin Small Letter O with stroke

NOTE:
See ISO document 8859-1 (Latin-1 Alphabet) for an example of an encoding of select language characters.

(5) Other language characters:

<ISO_LANGUAGE_CHARACTERS>

Any graphical character that is specified in any of the following ISO documents that is not defined in any of the previous BNF productions:

- ISO 646
- ISO 8859-1
- ISO 8859-2
- ISO 8859-5
- ISO 8859-7
- ISO 8859-3
- ISO 8859-4
- ISO 8859-6
- ISO 8859-8
- ISO 8859-9
- ISO 8859-15
- ISO 2022
- ISO 2375
- ISO 10646

3.3.3 Empty Character Set

An empty character set is the absence of data.

<Empty>	**::=**	**""**

3.4 Syntax Objects

Syntax Objects consist of four delimiters, and optionally, a release character.

3.4.1 Delimiters

The delimiters consist of three separators and a terminator. The delimiters are an integral part of the transferred data stream. Delimiters are specified in the interchange header and shall not be used in a data element value elsewhere in the interchange with the exceptions of their possible appearance in the binary data element or when protected by the release character.

The separators and terminator are:

<tr>	**::=**	**segment terminator**
<gs>	**::=**	**data element separator**
<us>	**::=**	**component element separator**
<rs>	**::=**	**repetition separator**

3.4.2 Release Character

When specified in the interchange control structure, the release character prevents the character immediately following its appearance from being treated as a Syntax Object.

3.5 Data Element

The data element is the smallest named unit of information in the standard. Data elements are identified as either simple or component. A data element that occurs as an ordinally positioned member of a composite data structure is identified as a component data element. A data element that occurs in a segment outside the defined boundaries of a composite data structure is identified as a simple data element. The distinction between simple and component data elements is strictly a matter of context since a data element can be used in either capacity. The following definitions apply equally to each class of data element.

<simple_data_element>	**::=**	**<data_element>**
<component_data_element>	**::=**	**<data_element>**
<data_element>	**::=**	**<numeric> | <decimal_number> | <id> | <string> | <date> | <time> | <binary>**

3.5.1 Data Element Types

The data element types and the length characteristics of each of these types are described in 3.5.1.1 through 3.5.2.3.

3.5.1.1 Numeric

A numeric is represented by one or more digits with an optional leading sign representing a value in the normal base of 10.

<numeric>	**::=**	**[-] <unsigned_integer>**
<unsigned_integer>	**::=**	**<digit> {<digit>}**

The value of a numeric data element includes an implied decimal point. It is used when the position of the decimal point within the data is permanently fixed and is not to be transmitted with the data. The data element dictionary defines the number of implied decimal positions. The representation for this data element type is Nn where "N" indicates that it is numeric and "n" indicates the number of decimal positions to the right of the implied decimal point. If n is 0, it need not appear in the specification; N is equivalent to N0. For negative values, the leading minus sign (-) is used. Absence of a sign indicates a positive value. The plus sign (+) shall not be transmitted. Leading zeros should be suppressed unless necessary to satisfy a minimum length requirement. The length of a numeric type data element does not include the optional sign.

FOR EXAMPLE:

Value is -123.4
Numeric type is N2 where the "2" indicates an implied decimal placement two positions from the right
The data stream value is -12340
The length is 5 (note padded zero)

3.5.1.2 Decimal Number

A decimal data element contains an explicit decimal point and is used for numeric values that have a varying number of decimal positions. The representation for this data element type is R. The decimal point always appears in the character stream if the decimal point is at any place other than the right end. If the value is an integer (decimal point at the right end) the decimal point should be omitted. For negative values, the leading minus sign (-) is used. Absence of a sign indicates a positive value. The plus sign (+) shall not be transmitted. Leading zeros shall be suppressed unless necessary to satisfy a minimum length requirement. Trailing zeros following the decimal point should be suppressed unless necessary to indicate precision. A base 10 exponential may be appended to the end of a decimal number. The absolute value of a decimal number with a base 10 exponential is equal to the value of the <unsigned_decimal_number> multiplied by 10 raised to the power of <exponent>. The use of triad separators (for example, the commas in "1,000,000") is expressly prohibited. The length of a decimal type data element does not include the optional minus signs, decimal point, or trailing exponent indicator "E".

<decimal_number>	**::=**	**[-] <unsigned_decimal_number> [<base_10_exponential>]**
<base_10_exponential>	**::=**	**E <exponent>**
<exponent>	**::=**	**[-] <unsigned_integer>**
<unsigned_decimal_number>	**::=**	**<unsigned_integer> | .<unsigned_integer> | <unsigned_integer> . {<digit>}**

EXAMPLE A:

Value is -123.45
Decimal type symbol is R
The data stream value is -123.45
The length is 5

EXAMPLE B:

Value is 12345
Decimal type symbol is R
The data stream value is 12345
The length is 5

EXAMPLE C:

Value is .1250
Decimal type symbol is R
The data stream value is 1250E-4
The length is 5

3.5.1.3 Identifier

An identifier data element always contains a unique value from a single, predefined list of values. That list of values is either enumerated within the data element in X12.3 Data Element Dictionary or the source of the list of values is specified in Appendix A in the X12.3 Data Element Dictionary. Trailing spaces should be suppressed. The representation for this data element type is ID.

<id>	**::=**	**<letter_or_digit> {<letter_or_digit>} {<space>}**
<letter_or_digit>	**::=**	**<uppercase_letter> | <digit>**

3.5.1.4 Identifier 2

An identifier 2 data element always contains a unique value from a single, predefined list of values. That list of values is either enumerated within the data element in X12.3 Data Element Dictionary or the source of the list of values is specified in Appendix A in the X12.3 Data Element Dictionary. Leading and trailing spaces are not permitted. The representation for this data element type is ID2.

<id2>	**::=**	**<id2_character> | <id2x>**
<id2x>	**::=**	**<id2_character> {<id2_character> | <space>} <id2_character>**
<id2_character>	**::=**	**<uppercase_letter> | <digit> | <special_char> | <lowercase_letter> | <other_special_char> | <national_char> | <select_language_character> | <ISO_LANGUAGE_CHARACTER>**

3.5.1.5 String

A string data element is a sequence of any characters from the basic or extended character sets and contains at least one non-space character. The significant characters shall be left justified.

A leading space is a space that is located before the first character (letter, number, punctuation mark) in a string data element. Leading spaces, when they occur, are presumed to be significant characters.

A trailing space is a space that is located after the final character (letter, number, punctuation mark) in a string data element. Trailing spaces shall be suppressed unless either:

- necessary to satisfy a minimum length or
- a single space is necessary when used in conjunction with another data element for example to maintain word separation

The representation for this data element type is AN.

<string>	**::=**	**{<non_space_char> | <space>} <non_space_char> {<non_space_char> | <space>}**
<non_space_char>	**::=**	**<uppercase_letter> | <digit> | <special_char> | <lowercase_letter> | <other_special_char> | <national_char> | <select_language_character> | <ISO_LANGUAGE_CHARACTER>**

3.5.1.6 Date

A date data element is used to express the standard date in either YYMMDD or CCYYMMDD format in which CC is the first two digits of the calendar year, YY is the last two digits of the calendar year, MM is the month (01 to 12), and DD is the day in the month (01 to 31). The representation for this data element type is DT.

<date>	**::=**	**<year> <month> <day> | <hundred_year> <year> <month> <day>**
<hundred_year>	**::=**	**<digit> <digit>**
<year>	**::=**	**<digit> <digit>**
<month>	**::=**	**"01" | "02" | ... | "12"**
<day>	**::=**	**"01" | "02" | ... | "31"**

3.5.1.7 Time

A time data element is used to express the time in HHMMSSd..d format in which HH is the hour for a 24-hour clock (00 to 23), MM is the minute (00 to 59), SS is the second (00 to 59) and d..d is decimal seconds. Seconds and decimal seconds are optional. Trailing zeros in decimal seconds should be suppressed unless necessary to satisfy a minimum length requirement or unless necessary to indicate precision. The representation for this data element type is TM.

<time>	**::=**	**<hour> <minute> [<seconds>]**

<hour>	::=	"00" | "01" | "02" | ... | "23"
<minute>	::=	"00" | "01" | "02" | ... | "59"
<seconds>	::=	<integer_seconds> [<decimal_seconds>]
<integer_seconds>	::=	"00" | ... | "59"
<decimal_seconds>	::=	<digit> {<digit>}

3.5.1.8 Binary

The binary data element is any sequence of octets ranging in value from binary 00000000 to binary 11111111. This data element type has no defined maximum length. Actual length is specified by the immediately preceding data element. The binary data element type may only exist in the Binary and Security header segments (see Section 3.11). The representation for this data element type is B.

<binary>	::=	<octet> {<octet>}
<octet>	::=	"00000000_2" | ... | "11111111_2"

3.5.2 Data Element Dictionary

The data elements in the dictionary are identified through a reference identifier. Data Elements used solely in Interchange Control Segments (fully described in X12.5 & X12.56), shall have a reference identifier beginning with the leading character 'I'. For each data element, the dictionary specifies the name, description, type, minimum length, and maximum length. For ID data elements, the dictionary lists all code values and their descriptions or a reference where the valid code list can be obtained.

3.5.2.1 Data Element Reference Identifier

Data elements that appear in X12.3 Data Element Dictionary are assigned a unique reference identifier from one to four characters.

<data_element_reference_identifier>	::=	["I"] <unsigned_integer>(01/04)

3.5.2.2 Data Element Type

The following types of data elements, as defined in 3.5.1, appear in the dictionary.

Type	Symbol
Numeric	Nn (n indicates decimal positions)
Decimal Number	R

Type	Symbol
Identifier	ID
Identifier 2	ID2
String	AN
Date	DT
Time	TM
Binary	B

3.5.2.3 Data Element Length

Each data element is assigned a minimum and maximum length. The length of the data element value is the number of character positions used except as noted for numeric, decimal, and binary elements.

3.5.2.4 Data Element Name

Data element names shall be unique throughout the X12.3 Data Element Dictionary. A simple data element name shall not duplicate a composite data structure name in the X12.3 Data Element Dictionary or a segment name appearing in the X12.22 Segment Directory.

3.6 Composite Data Structure

The composite data structure is an intermediate unit of information in a segment. By definition, a composite data structure consists of two or more component data elements preceded by a data element separator. In use, in the actual data stream, a composite data structure may appear as only one component data element. Each component data element within the composite data structure, except the last, is followed by a component element separator. The final component data element is followed by the next data element separator or the segment terminator. Trailing component data element separators <us> shall be suppressed. Composite data structures are defined in a composite data structure directory. The directory defines each composite data structure by its name, purpose, reference identifier, and included component data elements in a specified sequence.

A composite data structure is constructed in the following manner:

definition:

<composite_data_structure>	::=	<component_data_element> <us> <component_data_element> {<us> <component_data_element>}

use:

<composite_data_structure>	**::=**	**{[<component_data_element>] <us>} <component_data_element>**

3.6.1 Composite Data Structure Reference Identifier

Each composite data structure has a unique four-character reference identifier. The reference identifier serves as a means of locating the composite data structure in the composite data structure directory. The first character is an "S" when the composite data structure is used in a control segment and is a "C" when the composite data structure is used in a data segment. The remaining character positions will contain digits.

<composite_data_structure_identifier>	**::=**	**<composite_identifier_prefix> <digit> <digit> <digit>**
<composite_identifier_prefix>	**::=**	**"S" | "C"**

3.6.2 Composite Data Structure Name

Composite data structure names shall be unique throughout the X12.3 Data Element Dictionary. A composite data structure name shall not duplicate a simple data element name appearing in the X12.3 Data Element Dictionary or a segment name appearing in the X12.22 Segment Directory.

3.6.3 Component Data Elements in a Composite Data Structure

In defining a composite data structure, each component data element within the composite data structure is further characterized by a condition designator and a data element reference number.

3.6.3.1 Component Data Element Condition Designator

Component data elements shall have a designator that defines their requirement in a composite data structure. These condition designators are represented by a single-character code on the composite data structure diagrams. Refer to Section 3.7.2.2 for the definition of condition designators.

3.6.3.2 Absence of Data

Any component data element that is indicated as mandatory must be included in the composite data structure if the composite data structure is used. Optional component data elements may be omitted if they are not needed. The absence of these component data elements is noted by the occurrence of the component element separators which would have followed them, or, in the case of the last component data element in the composite data structure, by the occurrence of the data element separator or segment terminator. If the optional component data elements being omitted occur at the end of a composite data structure, the structure must be terminated by the occurrence of the next data element separator or the segment terminator following the last used data element value or component data element.

3.7 Data Segment

The data segment is an intermediate unit of information in a transaction set. A data segment consists of a segment identifier; one or more composite data structures or simple data elements, each of which may be permitted to repeat, when so indicated in the segment specification. Adjacent non-repeating simple data elements and composite data structures shall be separated by a data element separator. Adjacent occurrences of the same repeating simple data element or composite data structure in a segment shall be separated by a repetition separator. The data segment shall end with a segment terminator. Trailing data element separators <gs> and trailing repetition separators <rs> shall be suppressed. In use, an instance of a data segment shall contain at least one composite data structure or simple data element, i.e., it shall not consist of only the segment identifier and a segment terminator. Data segments are defined in a data segment directory. The directory defines each segment including the segment's name, purpose, and identifier. The directory also defines composite data structures and data elements that a segment contains in their specified order. A data segment is constructed in the following manner:

definition:

<data_segment>	**::=**	**<seg_id> <gs> <data_segment_unit> {<gs> <data_segment_unit>} <tr>**
<data_segment_unit>	**::=**	**<repeating_simple_data_element> | <repeating_composite_data_structure>**
<repeating_simple_data_element>	**::=**	**<simple_data_element> {<rs> <simple_data_element>}**
<repeating_composite_data_structure>	**::=**	**<composite_data_structure> {<rs> <composite_data_structure>}**

use:

<data_segment>	**::=**	**<seg_id> {<gs> [<data_segment_unit>]} <gs> <data_segment_unit> <tr>**
<repeating_simple_data_element>	**::=**	**{[<simple_data_element>] <rs>} <simple_data_element>**

<repeating_composite_data_structure>	**::=**	**{[<composite_data_structure>] <rs>} <composite_data_structure>**

3.7.1 Data Segment Identifier

Each data segment has a unique two- or three-character identifier. This identifier serves as a label for the data segment.

<seg_id>	**::=**	**<letter_or_digit> <letter_or_digit> [<letter_or_digit>]**

3.7.2 Data Segment Name

Segment names shall be unique throughout the X12.22 Segment Directory. A segment name shall not duplicate a simple data element name or a composite data structure name appearing in the X12.3 Data Element Dictionary.

3.7.3 Data Elements in a Segment

In defining a segment, each simple data element or composite data structure within the data segment is further characterized by a reference designator and a data element reference number or composite data structure reference identifier. Simple data elements and composite data structures have additional attributes. They shall have a reference designator, a condition designator and a repetition designator. They may also have a semantic note designator.

3.7.3.1 Reference Designator

Each simple data element or composite data structure in a segment is provided a structured code that indicates the segment in which it is used and the sequential position within the segment. The code is composed of the segment identifier followed by a two-digit number that defines the position of the simple data element or composite data structure in that segment. For purposes of creating reference designators, the composite data structure is viewed as the hierarchical equal of the simple data element. Each component data element in a composite data structure is identified by a suffix appended to the reference designator for the composite data structure of which it is a member. This suffix is a two-digit number, prefixed with a hyphen, that defines the position of the component data element in the composite data structure. For example, the third simple element of the BEG segment would be identified as BEG03 because the position count does not include the segment identifier, which is a label. If the fourth position in the BEG segment were occupied by a composite data structure that contained three component data elements, the reference designator for the second component data element would be BEG04-02.

definition:

<ref_desig>	**::=**	**<seg_id> <digit> <digit> ["-"<digit> <digit>]**

use:

In use the reference designator does not appear.

3.7.3.2 Condition Designator

Data segment unit or component data element conditions are of three types: mandatory, optional, and relational, and define the circumstances under which a simple data element, composite data structure, or component data element may be required to be present or absent in a particular segment or composite data structure.

3.7.3.2.1 Mandatory Condition

The designation of mandatory is absolute in the sense that there is no dependency on other data segment units or component data elements and may apply to either simple data elements, composite data structures, or component data elements. Mandatory conditions are specified by condition code "M".

Condition	Requirement
(M) Mandatory	The designated simple data element or composite data structure, whether allowed to repeat or not, must be present in the segment, or the designated component data element must be present in the composite data structure (presence means a data element, composite data structure, or component data element shall not be empty; see Section 3.3.3). If the designation applies to a composite data structure, then at least one value of a component data element in that composite data structure shall be included in the data segment. If the designation applies to a repeating simple data element or a repeating composite data structure then at least one data element value shall be present.

3.7.3.2.2 Optional Condition

The designation of optional means that there is no syntactic requirement for a simple data element or composite data structure to be present in the segment or for a component data element to be present in the composite data structure. Optional conditions are specified by condition code "O".

Condition	Requirement
(O) Optional	The presence of a value for a simple data element or the presence of a value for any of the component data elements of a composite data structure is at the option of the sender.

3.7.3.2.3 Relational Conditions

Relational conditions may exist among two or more data segment units within the same data segment, or among two or more component data elements within the same composite data structure, based on the presence or absence of one of those data segment units or component data elements (presence means a data element must not be empty). Relational conditions are specified by a condition code and the identity of the subject elements or structures. Relational conditions may not exist between a component data element and anything outside its parent composite data structure.

<relational_cond>	**::=**	**<relation_code> <subj_elem> <subj_elem> {<subj_elem>}**
<relation_code>	**::=**	**"P" | "R" | "E" | "C" | "L"**
<subj_elem>	**::=**	**<segment_unit_position_in_segment> | <component_element_position_in_composite>**
<segment_unit_position_in_segment>	**::=**	**<digit><digit>**
<component_element_position_in_composite>	**::=**	**<segment_unit_position_in_segment> "-" <digit><digit>**

A data element may be subject to more than one relational condition.

The definitions for each of the <relation_code> values are:

Code	Requirement
(P) Paired or Multiple	If any <subj_elem> specified in the <relational_cond> is present, then all of the <subj_elem> specified must be present.
(R) Required	At least one of the <subj_elem> specified in the <relational_cond> must be present.
(E) Exclusion	Not more than one of the <subj_elem> specified in the <relational_cond> may be present.
(C) Conditional	If the first <subj_elem> specified in the <relational_cond> is present, then all other <subj_elem> must be present. However, any or all of the <subj_elem> NOT specified as the FIRST <subj_elem> in the <relational_cond> may appear when the first <subj_elem> is not present. The order of the <subj_elem> in the <relational_cond> does not have to be the same as the order of the data elements in the data segment.
(L) List Conditional	If the first <subj_elem> specified in the <relational_cond> is present, then at least one of the remaining <subj_elem> must be present. However, any or all of the <subj_elem> NOT specified as the FIRST <subj_elem> in the

Code	Requirement
	<relational_cond> may appear when the first <subj_elem> is not present. The order of the <subj_elem> in the <relational_cond> does not have to be the same as the order of the data elements in the data segment.

3.7.3.3 Repetition Designator

The repetition designator may be one, indicating the simple data element or composite data structure may occur no more than once, or contain a specific value greater than one, indicating the maximum number of occurrences of the simple data element or composite data structure.

3.7.3.4 Semantic Notes

A semantic note provides important additional information regarding the intended use of a standard or portion thereof. These usage notes, while not part of the formal syntax, must be followed in order to be in compliance with the standard. Semantic notes, therefore, are considered to be part of the relevant standard and are appropriately designated to distinguish them from syntax notes (which are part of the standard) and comments (which are not part of the standard).

Semantic notes for transaction sets provide information with respect to the intended use of a segment within the context of a particular transaction set. Semantic notes for segments provide information regarding the intended meaning of a designated data element, particularly a generic type, in the context of its use within a specified data segment. Semantic notes may also define relational conditions among data elements in a segment based on the presence of a specific value (or one of a set of values) in one of the data elements.

3.7.4 Absence of Data

Absence of data is represented by the value <empty>. Any value other than <empty> is an indication that data are present. Optional simple data elements and composite data structures and their preceding data element separators that are not needed shall be omitted if they occur at the end of a segment; or, if they do not occur at the end of the segment, the simple data element values or composite data structure values may be omitted, and their absence is indicated by the occurrence of their preceding data element separators, in order to maintain the element's or structure's position as defined in the data segment.

3.8 Transaction Set

The transaction set is a semantically meaningful unit of information exchanged between trading partners. The transaction set shall consist of a transaction set header segment, optionally one or more transaction security header segments, optionally one or more transaction assurance header

segments, one or more data segments and loop control segments (if bounded loops exist) in a specified order, one transaction security value segment for each assurance header present, one transaction security trailer segment for each security header segment present, and a transaction set trailer segment.

<transaction_set>	**::=**	**<trans_set_header> <trans_block> <trans_set_trailer>**
<trans_block>	**::=**	**<secured_trans_block> | <unsecured_trans_block>**
<secured_trans_block>	**::=**	**<trans_security_header> <trans_block> <trans_security_trailer>**
<unsecured_trans_block>	**::=**	**<assured_trans_block> | <trans_body>**
<assured_trans_block>	**::=**	**<trans_assurance_header> <unsecured_trans_block> <security_value>**
<trans_body>	**::=**	**<data_segment_group> {<data_segment_group>}**

3.8.1 Transaction Set Header and Trailer

The transaction set header and trailer segments are constructed as follows:

<trans_set_header>	**::=**	**ST <gs> <trans_set_id> <gs> <trans_set_control_number> {<gs> <ic_id_string>} <tr>**
<trans_set_trailer>	**::=**	**SE <gs> <number_of_included_segments> <gs> <trans_set_control_number> <tr>**
<trans_set_id>	**::=**	**<id>**
<trans_set_control_number>	**::=**	**<string>**
<ic_id_string>	**::=**	**<string>**
<number_of_included_segments>	**::=**	**<unsigned_integer>**

The transaction set identifier, <trans_set_id>, uniquely identifies the transaction set. This identifier is the first data element of the transaction set header segment.

The value for the transaction set control number, <trans_set_control_number>, in the header and trailer control segments must be identical for any given transaction. The value for the number of included segments, <number_of_included_segments>, is the total number of segments in the transaction set including the ST and SE segments.

The implementation convention identification string, <ic_id_string>, identifies which implementation convention is in use for the transaction set. Its value may be a reference to a repository, or is available for trading partner definition. This identifier is the optional third data element of the transaction set header segment.

In order to provide sufficient discrimination for the acknowledgment process to operate reliably and to ensure that audit trails are unambiguous, the Transaction Set Control Number (ST02, SE02) shall be unique within a given functional group envelope (GS/GE).

3.8.2 Transaction Security Header and Trailer

The X12.58 Security Structures Standard defines the data formats for authentication, encryption, and assurances in order to provide integrity, confidentiality, and verification and non-repudiation of origin for two levels of exchange of Electronic Data Interchange (EDI)-formatted data defined by Accredited Standards Committee (ASC) X12. These security services can be applied at either the functional group level or the transaction set level or both. Please refer to the X12.58 standard for the construction and usage of the security related segments.

3.8.3 Data Segment Groups

The data segments in a transaction set may be repeated as individual data segments or as unbounded or bounded loops.

<data_segment_group>	**::=**	**<data_segment> | <data_segment_repeat> | <data_segment_loop> | <bounded_loop>**

3.8.3.1 Repeated Occurrences of Single Data Segments

When a single data segment is allowed to be repeated, it may have a specified maximum number of occurrences defined at each specified position within a given transaction set standard. Alternatively, a segment may be allowed to repeat an unlimited number of times. The notation for an unlimited number of occurrences is ">1". The ">1" construct is used only if a specific maximum number of occurrences cannot be determined or is unknown. By definition a data segment repeat consists of at least two occurrences. In use, in the actual data stream, it may appear fewer than two times.

definition:

<data_segment_repeat>	**::=**	**<data_segment> <data_segment> {<data_segment>}**

use:

<data_segment_repeat>	**::=**	**{<data_segment>}**

3.8.3.2 Loops of Data Segments

By definition, loops are groups of two or more semantically related segments. In use, in the actual data stream, a loop may appear as only the loop beginning segment. Data segment loops may be unbounded or bounded.

As part of the transaction set definition, each bounded or unbounded loop is given an identifier, <loop_id>. To prevent ambiguity, each <loop_id> value must be unique in the transaction set definition.

<loop_id>(01/06)	**::=**	**<uppercase_letter_or_digit> {<uppercase_letter_or_digit>}**

3.8.3.2.1 Unbounded Loops

In order to establish the start of the loop, the first data segment in the loop shall appear once and only once in each occurrence. The beginning segment of a loop shall not appear elsewhere in the loop. Loops may have a specified maximum number of occurrences. Alternatively, the loop may be specified as having an unlimited number of occurrences. The notation for an unlimited number of repeats is ">1". There is a specified sequence of segments in the loop. Loops themselves are optional or mandatory. The requirement designator of the beginning segment of a loop indicates whether at least one occurrence of the loop is required. Each appearance of the beginning segment defines an occurrence of the loop. The requirement designator of any segment within the loop after the beginning segment applies to that segment for each occurrence of the loop. If there is a mandatory requirement designator for any data segment within the loop after the beginning segment, that data segment is mandatory for each occurrence of the loop.

definition:

<data_segment_loop>	**::=**	**<loop_beg_seg> <loop_body> {<loop_body>}**
<loop_beg_seg>	**::=**	**<data_segment>**
<loop_body>	**::=**	**<data_segment> | <data_segment_group>**

use:

<data_segment_loop>	**::=**	**<loop_beg_seg> {<loop_body>}**

If unbounded loops are nested within loops, the inner loop shall not start at the same ordinal position as any outer loop. The inner loop shall not start with the same segment ID as any outer loop, nor may the nested loop contain a segment that is also the beginning segment of any outer loop in the same nesting structure. The inner loop must end before or on the same segment as its immediate outer loop.

3.8.3.2.2 Bounded Loops

The characteristics of unbounded loops described in 3.8.3.2.1 also apply to bounded loops except that bounded loops have no restriction with respect to the beginning segment ID. In addition, bounded loops require a loop start (LS) segment to appear before the first occurrence and a loop

end (LE) segment to appear after the last occurrence of the loop. If the loop does not occur within an actual transmission, the LS and LE segments shall be suppressed. The requirement designator on the LS and LE segments must match the requirement designator of the beginning segment of the loop. A bounded loop may contain only one loop structure (a single definition of the included segments) at the level bracketed by the LS and LE segments. Subordinate loops are permissible.

<bounded_loop>	**::=**	**<loop_header> <data_segment_loop> {<data_segment_loop>} <loop_trailer>**
<loop_header>	**::=**	**LS <gs> <loop_id> <tr>**
<loop_trailer>	**::=**	**LE <gs> <loop_id> <tr>**

If bounded loops are nested within loops, the inner loop shall not start at the same ordinal position as any outer loop. The inner bounded loop must end before the immediate outer loop.

Each bounded loop within a transaction set shall have a uniquely defined <loop_id> value of one to six uppercase letters or numeric digits. The corresponding LS and LE segments shall contain the same unique <loop_id> value. The specific <loop_id> values shall be defined in the transaction set standard. In use, the actual LS and LE segments shall contain the defined <loop_id> values. In usage, the <loop_id> will in some transaction sets be necessary to convey segment position or loop hierarchy, or both, within the transaction set.

3.8.4 Data Segments in a Transaction Set

When data segments and control segments are combined to form a transaction set, three characteristics shall be applied to each segment in that usage: a requirement designator, a position in the transaction set definition, and a maximum occurrence.

3.8.4.1 Data Segment Requirement Designator

A data segment shall have one of the following requirement designators indicating its appearance in the data stream of a transmission. These requirement designators are represented by a single character code.

Designator	Requirement
(M) Mandatory	This data segment shall be included in the transaction set. (Note that a data segment may be mandatory in a loop of data segments, but the loop itself is optional if the beginning segment of the loop is designated as optional.)
(O) Optional	The presence of this data segment is at the option of the sending party.

3.8.4.2 Data Segment Position

The ordinal positions of the segments in a transaction set definition are explicitly specified for that transaction set. This positioning shall be maintained during transmission.

3.8.4.3 Data Segment Occurrence

A data segment may have a maximum occurrence of one, a finite number greater than one, or an unlimited number. (See also Section 3.8.3.1)

3.8.4.4 Data Segment Order

A transaction set's segment order shall be defined such that sequential processing of any legitimate instance of the transaction set will result in positive identification of each segment in terms of its ordinal position in the standard. Positive identification shall accordingly be made on the basis of the segment identifiers alone, with the exception of the LS and LE segments, where the identification is made using the segment identifier in conjunction with the <loop_id>. Positive identification shall not depend on a segment's requirement designator or maximum occurrences.

3.9 Functional Group

A functional group shall consist of a functional group header segment, optionally one or more functional security header segments, optionally one or more functional assurance header segments, one or similar transaction sets, one functional security value segment for each assurance header present, one functional security trailer segment for each security header segment present, and a functional group trailer segment.The functional identifier (<function_id>) defines the collection of transaction sets that may be included within the functional group.

<functional_group>	**::=**	**<function_header> <function_block> <function_trailer>**
<functional_block>	**::=**	**<secured_function_block> | <unsecured_function_block>**
<secured_function_block>	**::=**	**<function_security_header> <function_block> <function_security_trailer>**
<unsecured_function_block>	**::=**	**<assured_function_block> | <function_body>**
<assured_function_block>	**::=**	**<function_assurance_header> <unsecured_function_block> <security_value>**
<function_body>	**::=**	**<transaction_set> {<transaction_set>}**

3.9.1 Functional Group Header and Trailer

The functional group header and trailer segments are constructed as follows:

<function_header>	**::=**	**GS <gs> <function_id> <gs> <app_sender_id> <gs> <app_receiver_id> <gs> <fg_date> <gs> <fg_time> <gs> <function_control_number> <gs> <standard> <gs> <version> <tr>**
<function_id>	**::=**	**<id>**
<app_receiver_id>	**::=**	**<string>**
<app_sender_id>	**::=**	**<string>**
<fg_date>	**::=**	**<date>**
<fg_time>	**::=**	**<time>**
<function_control_number>	**::=**	**<numeric>**
<standard>	**::=**	**<id>**
<version>	**::=**	**<string>**
<function_trailer>	**::=**	**GE <gs> <no_included_trans_sets> <gs> <function_control_number> <tr>**
<no_included_trans_sets>	**::=**	**<numeric>**

The functional group control number, <function_control_number>, in the header and trailer control segments shall be the same for any given group. The number of included transaction sets, <no_included_trans_sets>, is the total number of transaction sets in the group.

In order to provide sufficient discrimination for the acknowledgment process to operate reliably and to ensure that audit trails are unambiguous, the combination of Functional ID Code (GS01), Application Sender's ID (GS02), Application Receiver's ID (GS03), and Functional Group Control Numbers (GS06, GE02) shall by themselves be unique within a reasonably extended time frame whose boundaries shall be defined by trading partner agreement. Because at some point it may be necessary to reuse a sequence of control numbers, the Functional Group Date and Time may serve as an additional discriminant only to differentiate functional group identity over the longest possible time frame.

3.9.2 Functional Security Header and Trailer

The X12.58 Security Structures Standard defines the data formats for authentication, encryption, and assurances in order to provide integrity, confidentiality, and verification and non-repudiation of origin for two levels of exchange of Electronic Data Interchange (EDI) formatted data defined by Accredited Standards Committee (ASC) X12. These security services can be applied at either the

functional group level or the transaction set level or both. Please refer to the X12.58 standard for the construction and usage of the security-related segments.

3.10 Control Segment

A control segment has the same structure as a data segment but is used for transferring control information rather than application information. Control segments referred to in this standard are fully described in X12.22 Segment Directory.

3.10.1 Loop Control Segments

Loop control segments are used only to delineate bounded loops. Delineation of the loop shall consist of the loop header (LS segment) and the loop trailer (LE segment). The loop header defines the start of a structure that must contain one or more iterations of a loop of data segments and provides the loop identifier for this loop. The loop trailer defines the end of the structure. The LS segment appears only before the first occurrence of the loop, and the LE segment appears only after the last occurrence of the loop.

3.10.2 Transaction Set Control Segments

The transaction set is delineated by the transaction set header (ST segment) and the transaction set trailer (SE segment). The transaction set header starts and identifies the transaction set. The transaction set trailer defines the end of the transaction set and provides a count of the data segments, which includes the ST and SE segments.

3.10.3 Functional Group Control Segments

The functional group is delineated by the functional group header (GS segment) and the functional group trailer (GE segment). The functional group header starts and identifies one or more related transaction sets and provides a control number and application identification information. The functional group trailer defines the end of the functional group of related transaction sets and provides a count of contained transaction sets.

3.10.4 Security Control Segments

The security control segments are used to provide data integrity, confidentiality, verification of origin and non-repudiation of origin by delineating information for authentication, encryption, and compression. The X12.58 Security Structures Standard defines the data formats and business

usage for these security services. Please refer to this standard for the construction and usage of the security-related segments.

3.10.5 Relations among Control Segments

The control segments of this standard shall have a nested relationship as is shown and annotated in this subsection. The letters preceding the control segment name are the segment identifier for that control segment. The indentation of segment identifiers shown below indicates the subordination among control segments. Security segments are optional.

GS Functional Group Header starts a group of related transaction sets.

Functional Group Security and Assurance header segments, if used, shall be inserted here. Please refer to the X12.58 Security Structures Standard for the construction and usage of the security-related segments.

ST Transaction Set Header, starts a transaction set.

Transaction Set Security and Assurance header segments, if used, shall be inserted here. Please refer to the X12.58 Security Structures Standard for the construction and usage of the security-related segments.

LS Loop Header, starts a bounded loop of data segments but is not part of the loop.

LS Loop Header, starts an inner, nested, bounded loop.

LE Loop Trailer, ends an inner, nested, bounded loop.

LE Loop Trailer, ends a bounded loop of data segments but is not part of the loop.

Transaction Set Security and Assurance trailer segments, if used, shall be inserted here. Please refer to the X12.58 Security Structures Standard for the construction and usage of the security-related segments.

SE Transaction Set Trailer, ends a transaction set.

Functional Group Security and Assurance trailer segments, if used, shall be inserted here. Please refer to the X12.58 Security Structures Standard for the construction and usage of the security-related segments.

GE Functional Group Trailer, ends a group of related transaction sets.

More than one ST/SE pair, each representing a transaction set, may be used within one functional group. Also more than one LS/LE pair, each representing a bounded loop, may be used within one transaction set.

3.11 Binary Segment

A binary segment, BIN or BDS, has the same structure as a data segment but is used for transferring binary data with an accompanying length parameter. The BDS segment also contains a filter parameter. The filter parameter specifies the encoding algorithm, if any. Bit patterns normally reserved for other functions may appear in the binary data element. These bit patterns could be misinterpreted. The length of the binary data element is provided in the preceding data element in order to locate the end of the binary data and prevent such misinterpretation. The binary segment may not occur outside the boundaries of a transaction set.

<binary_seg>	**::=**	**BIN <gs> <number_of_octets> <gs> <binary> <tr> | BDS <gs> <filter_id> <gs> <number_of_octets> <gs> <binary> <tr>**
<number_of_octets>	**::=**	**<unsigned_integer>**
<filter_id>	**::=**	**<id>**

The data element that references the number of octets provides a count of all octets contained in the binary data element. This count does not include the preceding data element separator or trailing data segment terminator. The count is provided to enable finding the data segment terminator.



X12.56 Interconnect Mailbag Control Structures

1. Purpose and Scope

This Standard contains the format and establishes the data contents of the Interconnect Mailbag Control Structures for use within the context of an Electronic Data Interchange (EDI) environment. This standard defines the control segments used to start and end a mailbag containing EDI data to be exchanged between two interconnecting entities. The mailbag includes zero or more interconnect acknowledgment segments and zero or more EDI data interchanges. The basic interconnect mailbag consists of an interconnect mailbag header segment (IH), the EDI data to be transmitted from one interconnect entity to another, and the interconnect mailbag trailer segment (IT). In addition, an interconnect mailbag acknowledgment segment (IA) is provided to report complete receipt and safe storage of an interconnect mailbag.

The purpose of this standard is to provide control structures and an audit mechanism to facilitate the exchange and receipt acknowledgment of EDI data between interconnecting entities. The original sender and the ultimate receiver of the data contained in the mailbag have no responsibility for creating, managing, or removing the interconnect mailbag segments. This standard is solely for use between sites acting as interconnect entities.

Delivery of data from the original sender to the ultimate receiver may require several interconnect links. It is recognized that other point-to-point data tracking mechanisms exist. The interconnect mailbag control structures are designed to stand alone in addressing a given interconnect link. The structures are in no way dependent on the types of data tracking mechanisms that may be used in links prior to or following a link that employs the interconnect mailbag control structures.

2. Referenced and Related Standards

This standard is used with the ASC X12 series of standards on electronic data interchange.

The following material is from The Internet Engineering Task Force (IETF®). The mission of the IETF is to make the Internet work better by producing high quality, relevant technical documents that influence the way people design, use, and manage the Internet.

The following verbatim text is from the cited document as noted immediately below.

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, DOI 10.17487/RFC2119, March 1997, <http://www.rfc-editor.org/info/rfc2119>.

Key words for use in RFCs to Indicate Requirement Levels

In many standards track documents several words are used to signify the requirements in the specification. These words are often capitalized. This document defines these words as they should be interpreted in IETF documents. Authors who follow these guidelines should incorporate this phrase near the beginning of their document:

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC 2119.

Note that the force of these words is modified by the requirement level of the document in which they are used.

1. **MUST This word, or the terms "REQUIRED" or "SHALL", mean that the definition is an absolute requirement of the specification.**
2. **MUST NOT This phrase, or the phrase "SHALL NOT", mean that the definition is an absolute prohibition of the specification.**
3. **SHOULD This word, or the adjective "RECOMMENDED", mean that there may exist valid reasons in particular circumstances to ignore a particular item, but the full implications must be understood and carefully weighed before choosing a different course.**
4. **SHOULD NOT This phrase, or the phrase "NOT RECOMMENDED", mean that there may exist valid reasons in particular circumstances when the particular behavior is acceptable or even useful, but the full implications should be understood and the case carefully weighed before implementing any behavior described with this label.**
5. **MAY This word, or the adjective "OPTIONAL", mean that an item is truly optional. One vendor may choose to include the item because a particular marketplace requires it or because the vendor feels that it enhances the product while another vendor may omit the same item. An implementation which does not include a particular option MUST be prepared to interoperate with another implementation which does include the option, though perhaps with reduced functionality. In the same vein an implementation which does include a particular option MUST be prepared to interoperate with another implementation which does not include the option (except, of course, for the feature the option provides.)**

3. Description of Use

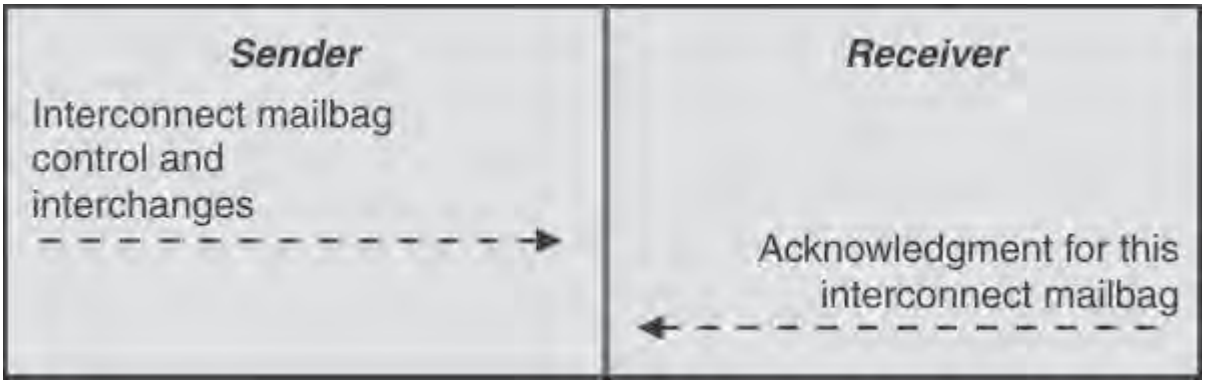
The interconnect mailbag header and trailer segments envelope zero or more interconnect mailbag-related control segments or interchanges and perform the following functions:

- Identify the interconnect mailbag sender and receiver
- Provide control information for the interconnect mailbag
- Allow for logon and password information

The interconnect mailbag header segment is transmitted first, followed by any optional interconnect mailbag acknowledgments, followed by any interchanges, with the interconnect mailbag trailer segment following as the last segment in the mailbag.

The interconnect mailbag acknowledgment segment is used to acknowledge one interconnect mailbag header and trailer envelope. The interconnect mailbag acknowledgment segment may be used to report the success or failure of the syntactical analysis of the interconnect mailbag segments. There is no acknowledgment for a syntactically correct interconnect mailbag containing only interconnect mailbag acknowledgments, thereby preventing an endless loop of acknowledgments. The flow of the original interconnect mailbag and the corresponding interconnect mailbag acknowledgment are diagrammed in Figure 1 with increasing time down the page.

Figure 3.1 - Flow of Original Interconnect Mailbag and Corresponding Acknowledgment



The interconnect mailbag control number value in the interconnect mailbag acknowledgment segment (IA) is the same as for the interconnect mailbag header segment (IH) for which the interconnect mailbag acknowledgment was prepared. This control number serves as a link between the interconnect mailbag header and trailer and the acknowledgment of that header and trailer.

The interconnect mailbag acknowledgment does not report on the processing or delivery status of the interchange(s) in the interconnect mailbag. The interconnect mailbag acknowledgment segment serves as receipt status notification (positive or negative) from an interconnect mailbag receiver to an interconnect mailbag sender.

The interconnect mailbag acknowledgment control segments (IA) are placed after the interconnect mailbag header segment (IH) and before the first interchange or before the trailer if there are no interchanges. More than one interconnect mailbag acknowledgment segment (IA) may be placed

after the interconnect mailbag header providing the interconnect mailbag sender and receiver ID values in the interconnect mailbag header segment (IH) are appropriate for the proper delivery of the acknowledgment.

Interconnect mailbags and interconnect mailbag acknowledgments are used only between interconnecting entities.

4. Terms and Definitions

X12.6 Application Control Structure contains the formal definitions of all terms related to electronic data interchange. Additional terms used in this standard are defined below.

INTERCONNECT ENTITY
Any organization that communicates EDI data with another organization where neither communicating party is responsible for processing and acting upon the semantic data (business transactions which may be contained in the mailbag).

SERVICE PROVIDER
Any process or set of processes that accepts an interchange from a sender and conveys it to a mailbox that represents the addressed receiver. Direct connections between senders and receivers involve no service providers.

RECEIPT AND SAFE STORAGE
An interconnect mailbag is received and safely stored when: (a) the control numbers in the interconnect mailbag header and trailer match; (b) the control totals listed in the interconnect mailbag trailer are consistent with the number of interconnect mailbag acknowledgments and interchanges in the interconnect mailbag; and (c) the entire interconnect mailbag has been successfully stored such that its contents can be obtained in their entirety at some later time for processing or delivery or both.

DELIVERY
An interchange is delivered when the interchange is placed in the mailbox of the receiver addressed in the interchange header segment.

MAILBOX
A protected receiving location with a unique address such that, once an interchange is placed in the mailbox of the receiver, it may only be retrieved by the receiver.

5. Interconnect Mailbag Concepts

The primary elements of this standard are three control segments intended to be used by interconnect entities for EDI management functions.

5.1 Interconnect Entities

An interconnect entity may be charged to perform some syntactic processing of the data, such as translation or conversion, on behalf of the original sender or ultimate receiver of the data. However, a key element of an entity being considered an interconnect entity is that the entity is not a participating party in any business transaction represented in the EDI data being transferred, and the entity is not transferring the EDI data to or from the original sender or the ultimate receiver. The transaction set originator and ultimate receiver will never see nor use the interconnect mailbag control segments.

An original sender or ultimate receiver whose data center acts as a sending or receiving representative (as opposed to the end processing site) for the end user division or department may elect to have their data center use the interconnect mailbag structure when exchanging EDI data with an entity that is likewise not the original sender or ultimate receiver. For such cases, the user's data center would only use the interconnect mailbag structure when exchanging data with a service provider or the data center of another user whose data center was acting as a sending or receiving representative for an end user. An internal corporate routing or network mechanism is an example of this type of end user representative. In any event, the end user would not see the interconnect mailbag.

An entity may be considered an interconnect entity in some communication exchanges and not an interconnect entity in others, depending on the nature of the party with which the data is being exchanged. For example, a service provider receiving an EDI data transmission from the original sender of the data is not considered to be an interconnect entity and would not receive interconnect mailbag segments from that sender. If, however, that same service provider transmits that EDI data to a second service provider for delivery to the ultimate receiver, both service providers would be considered to be acting as interconnect entities for that transfer.

5.2 Interconnect Mailbag Defined

The interconnect mailbag header and the interconnect mailbag trailer form the basic interconnect mailbag. The interconnect mailbag contains data to be transmitted from one interconnect entity to another interconnect entity. EDI data interchanges contained in a mailbag may be from one or more original senders and to one or more ultimate receivers. The interconnect mailbag acknowledgment provides an interconnect entity with an audit mechanism to acknowledge the complete receipt and safe storage of an interconnect mailbag.

5.2.1 The Interconnect Mailbag Header Segment (IH)

The IH segment indicates the beginning of an interconnect mailbag, establishes the version of the interconnect mailbag control structures, identifies the interconnect mailbag sender and receiver, provides control information for the interconnect mailbag, and allows for the use of a logon ID and password for the interconnect mailbag.

5.2.2 The Interconnect Mailbag Trailer Segment (IT)

The IT segment indicates the end of an interconnect mailbag, provides control information, and reports control totals for the interconnect mailbag.

5.2.3 The Interconnect Mailbag Acknowledgment Segment (IA)

The IA segment is sent by the interconnect mailbag receiver to the interconnect mailbag sender. The interconnect mailbag acknowledgment is used to perform the following functions:

- Acknowledge the complete receipt and safe storage of an interconnect mailbag
- Report the receipt of an interconnect mailbag with incomplete contents received during a communications session that ended normally at a data link protocol level
- Report the receipt of a syntactically invalid interconnect mailbag received during a communications session that ended normally at a data link protocol level

When a complete and syntactically valid interconnect mailbag is received, the following interconnect mailbag content conditions dictate whether an interconnect mailbag acknowledgment is to be returned:

- If the interconnect mailbag contains one or more interchanges, an interconnect mailbag acknowledgment must be returned.
- If the interconnect mailbag contains no interconnect mailbag acknowledgments and no interchanges, an interconnect mailbag acknowledgment may be returned.

NOTE: There is no provision to acknowledge or respond to a complete and syntactically valid interconnect mailbag containing only interconnect mailbag acknowledgments (and no interchanges). This prevents the possibility of an endless cycle of acknowledgments and responses.

When an incomplete or invalid interconnect mailbag is received during a communications session that ended normally at a data link protocol level, a negative interconnect mailbag acknowledgment must be returned regardless of the contents of the incomplete or invalid mailbag.

If a communications session terminates abnormally at a data link protocol level, an interconnect mailbag acknowledgment (IA) is not returned in response to the data received during that failed session. Furthermore, the partial file received during that failed communications session should not be processed.

The interconnect mailbag acknowledgment (IA) must be transmitted in an interconnect mailbag whose sender and receiver IDs are equal to the receiver and sender IDs, respectively, from the mailbag being acknowledged. For example, a mailbag from sender A to receiver B is acknowledged with an interconnect mailbag acknowledgment (IA) in an interconnect mailbag from sender B to receiver A.

5.2.3.1 Timing The Interconnect Mailbag Acknowledgment

When the use of an interconnect mailbag acknowledgment is appropriate, the interconnect entity issuing the interconnect mailbag acknowledgment shall transmit the acknowledgment within two hours from the time the interconnect mailbag being acknowledged was received.

If an interconnect entity transmits an interconnect mailbag containing one or more interchanges to a receiving interconnect entity, and the communications session terminates normally at a data link protocol level, the sending interconnect entity shall expect to receive an interconnect mailbag acknowledgment from the receiving interconnect entity within two hours. Failure to receive an interconnect mailbag acknowledgment for the transmitted mailbag within the agreed upon response

period shall precipitate human intervention on the part of the initial sending interconnect entity to determine the status of the unacknowledged interconnect mailbag.

5.2.3.2 Interconnect Mailbag Acknowledgment Action Codes

The IA segment provides the acknowledging interconnect entity with a mechanism to indicate the action to be taken under various situations. The following defines the intent of each of these action codes:

Action Code A (Accept)
An action code equal to "A" indicates that the interconnect mailbag is received in full, safely stored, and accepted. An accept response means only that the interconnect mailbag header and trailer control numbers match, the interconnect mailbag is syntactically valid, and the interconnect mailbag trailer control totals have been verified as accurate for the received interconnect mailbag. The accept response makes no claims that the receiving interconnect entity can process the mailbag contents, recognize the addressees indicated in any interchanges in the mailbag, or is able to deliver the interchange. The accept response simply indicates the complete receipt and safe storage of the mailbag and its contents (if any).

Action Code R (Reject/Retransmit)
An action code equal to "R" indicates that one or more problems have been detected with the interconnect mailbag. The data contents (if any) of the rejected interconnect mailbag will not be processed. The interconnect entity sender of the rejected interconnect mailbag should retransmit the mailbag.

NOTE: The reject/retransmit response is used only to indicate receipt of an incomplete interconnect mailbag received via a communication session that ended normally. This type of response should not be used to indicate receipt of a partial interconnect mailbag received during a communication session that ended abnormally because the interconnect mailbag sender will be able to detect such failures during the communications session. This response is not intended to indicate the inability or unwillingness of the receiving interconnect entity to process the mailbag contents of a complete mailbag, recognize the addressees, or deliver any interchanges in the mailbag.

Action Code C (Reject/Contact)
An action code equal to "C" indicates that one or more problems have been detected with the interconnect mailbag. The nature of the problem is such that retransmission of the mailbag is unlikely to correct the problem. The data contents (if any) of the rejected interconnect mailbag will not be processed as is. The interconnect administrator from the interconnect entity issuing the reject notice will contact the interconnect administrator from the interconnect entity receiving the reject notice to resolve the problems found in the interconnect mailbag.

NOTE: This response should only be used to indicate the receipt of an invalid interconnect mailbag received via a communication session that ended normally. This response should not be used to indicate receipt of a partial interconnect mailbag received during a communication session that ended abnormally, because the interconnect mailbag sender will be able to detect such failures during the communications session. The reject response is not intended to indicate the inability or unwillingness of the receiving interconnect entity to process the mailbag contents of a complete mailbag, recognize the addressees, or deliver any interchanges in the mailbag.

The interconnect entity that receives a reject/contact response should not retransmit the mailbag in question without first resolving the appropriate issues with the interconnect entity issuing the reject. This code should be used for cases involving multiple errors for a given interconnect mailbag.

5.2.4 The Interconnect Mailbag Client Information Header Segment (IMC)

An IMC segment may precede each client information exchange block within an interconnect mailbag. Optionally, the IMC segment may not be used at all in an interconnect mailbag. When the IMC segment is used in an interconnect mailbag, the count of IMC segments in the mailbag instance must be the same as the count of interchanges specified in the interconnect mailbag trailer, else the interconnect mailbag entity must reject the mailbag.

When one or more IMC segments are present in an interconnect mailbag instance, an interconnect mailbag entity shall determine the extent of the client information exchange block by first skipping as many bytes following the IMC segment terminator as are specified in the exchange block length element found in the IMC segment. The entity will then search for a byte pattern that matches a valid IMC segment or mailbag trailer (IT) segment. The extent of the client data shall extend from the character immediately following the segment terminator of the IMC segment to the character immediately preceding the first character of the next interconnect mailbag control segment. If exchange block length is specified in the IMC segment, it is only used to direct the search for the next interconnect mailbag segment. The specified exchange block length might not specify the extent of the contained client information exchange block.

Client data information exchange blocks need not conform to the X12 or other EDI standards, and may even appear in a ciphered or compressed form, though it should then appear as filtered data represented in the graphical character set of the X12.6 standard. Failure to conform to the graphical character set of the X12.6 standard may introduce transliteration inconsistencies in the path between the original sender and the final recipient.

An interconnect mailbag entity may include IMC segment content in its rules for routing client information exchange blocks. An interconnect mailbag entity may reject individual client information exchange blocks contained in an interconnect mailbag. Rules used to accept or reject individual client information exchange blocks are outside the scope of this standard. Rules for reporting acceptance or rejection of client information exchange blocks are outside the scope of this standard.

The content of the 'block sequence' element in the IMC segment shall be numeric, starting with the value '1' for the first IMC segment, and incrementing by one for each succeeding IMC block. The content of the exchange block length element must not exceed the length of the next client information exchange block. The content of all other elements within the IMC segment is outside the scope of this standard, but may be addressed in a formal X12 guideline or technical report.

6. Interconnect Mailbag Syntax Notation

In this section the syntax for the interconnect mailbag segments is given in Backus Naur Form (BNF), described below. Other syntax elements may be found in X12.6 Application Control Structure.

6.1 Backus Naur Form (BNF) Elements Explained

Lowercase words denote syntactic constructs, which are enclosed in angle brackets. The underscore is included as a valid character. For example:

```
<transaction_set>
```

The defined construct is on the left side of a statement and is separated from the defining right side by the symbol (::=). For example:

```
<one_construct>::=<another_construct>
```

Uppercase words are predefined labels. For example:

```
TRM
```

Lowercase words not enclosed in angle brackets denote a general class of items that are not further defined in this section of the standard. For example:

```
data
```

Brackets denote optional items. For example:

```
[<one_construct>]
```

A repeat count range for a repeatable construct that is appended to that particular construct is added to the BNF syntax of X12.6 Application Control Structure. The range of the repeat count is /minimum:maximum/. The repeatable construct is in braces. For example, a numeric field with one to six digits could be specified as:

```
<a_number>::={<digit>}/1:6/
```

6.2 Interconnect Mailbag Structures

The BNF for the syntax of this standard is given below. Other syntax elements not defined here may be found in X12.6 Application Control Structure.

<interconnect_mailbag_structures>	::=	<interconnect_mailbag_header> {<interconnect_mailbag_acknowledgment>} [{<interchange_header_structure>}] <interconnect_mailbag_trailer>
<interchange_header_structure>	::=	[interconnect_interchange_header] <interchange_structure>

NOTE: <interchange_structure> is defined in X12.5 Interchange Control Structures.

6.3 Interconnect Mailbag Segments

The basic interconnect mailbag segments consist of the IH header segment and the IT trailer segment.

6.3.1 Interconnect Mailbag Header Segment

<interconnect_mailbag_header>	::=	IH <gs> <interconnect_mailbag_version_#> <gs> <interconnect_logon_id> <gs> <interconnect_password> <gs> <interconnect_sender> <gs> <interconnect_receiver> <gs> <interconnect_date_time> <gs> <interconnect_time_code> <gs> <interconnect_control> <gs> <interconnect_test_indicator> <tr>
<interconnect_mailbag_version_#>	::=	<id>
<interconnect_logon_id>	::=	<string>
<interconnect_password>	::=	<string>
<interconnect_sender>	::=	<interconnect_id_qualifier> <gs> <interconnect_sender_id>
<interconnect_receiver>	::=	<interconnect_id_qualifier> <gs> <interconnect_receiver_id>
<interconnect_id_qualifier>	::=	<id>
<interconnect_sender_id>	::=	<string>
<interconnect_receiver_id>	::=	<string>
<interconnect_date_time>	::=	<date> <gs> <time>
<interconnect_time_code>	::=	<id>
<interconnect_control>	::=	<numeric>
<interconnect_test_indicator>	::=	<id>

6.3.2 Interconnect Mailbag Trailer Segment

<interconnect_mailbag_trailer>	::=	IT <gs> <interconnect_control> <gs> <interconnect_ack_count> <gs> <interconnect_intchg_cnt> <tr>
<interconnect_control>	::=	<numeric>
<interconnect_ack_count>	::=	<numeric>

<interconnect_intchg_cnt>	::=	<numeric>

6.3.3 Interconnect Mailbag Acknowledgment Segment

The interconnect mailbag acknowledgment segment consists of the IA segment.

<interconnect_mailbag_ack>	::=	IA <gs> <interconnect_control> <gs> <interconnect_ack_action_code> {<gs> <interconnect_error_code>}/0:5/ <tr>
<interconnect_control>	::=	<numeric>
<interconnect_ack_action_code>	::=	<id>
<interconnect_error_code>	::=	<id>

6.3.4 Interconnect Mailbag Client Exchange Header Segment

The interconnect mailbag client exchange header segment consists of the IMC segment.

<interconnect_interchange_header>	::=	IMC <gs> <exchange_block_sequence> <gs> [<exchange_block_type_identifier>] <gs> [<exchange_block_id_qualifier>] <gs> <exchange_block_sender_id> <gs> [<exchange_block_id_qualifier>] <gs> <Exchange_block_receiver_id> <gs> [<exchange_block_date>] <gs> [<exchange_block_time>] <gs> [<exchange_block_control_number>] <gs> [<exchange_block_length>] <gs> [<filter>] <tr>
<exchange_block_sequence>	::=	<numeric>
<exchange_block_type_identifier>	::=	<id>
<exchange_block_id_qualifier>	::=	<id>
<exchange_block_sender_id>	::=	<string>
<exchange_block_receiver_id>	::=	<string>
<exchange_block_date>	::=	<date>
<exchange_block_time>	::=	<time>
<exchange_block_control_number>	::=	<numeric>
<exchange_block_length>	::=	<numeric>

7. Specifications for Interconnect Mailbag Control Structures

7.1 Sequence of Interconnect Mailbag Segments

The interconnect mailbag segments shall occur in the sequence shown in Figure 7.1 - Segment Sequence Diagram.

Figure 7.1 - Segment Sequence Diagram

NOTE	POS NO.	SEG. ID	NAME	REQ. DES.	MAX. USE	LOOP REPEAT
	010	IH	Interconnect Mailbag Header	M	1	
	020	IA	Interconnect Mailbag Acknowledgment	O	>1	
N	030	---	Interchanges (see note)	O	>1	
	040	IT	Interconnect Mailbag Trailer	M	1	

NOTES

030 An interchange is not an interconnect mailbag component of this standard, but appears in this figure to establish positioning for the interchange(s). Zero, one, or more than one interchange may appear in one interconnect mailbag.

7.2 Date and Time in the IH Segment

The dates and times used in the interconnect mailbag header segment represent the point at which the interconnect mailbag was created for initial transmission. An interconnect mailbag time code is used to identify the basis of the time that is given in the interconnect mailbag time element.

In cases where it is necessary to retransmit an interconnect mailbag, the interconnect mailbag time should not be changed from its original value when the mailbag was created. This aids the receiver in the identification of the mailbag and the determination of the age of the mailbag.

7.3 Delimiter Specifications

The delimiters for the mailbag segments are a data element separator and a segment terminator. The delimiters that shall be used in the segments of the interconnect mailbag structure (IH, IT, and IA) are as follows:

Description	Delimiter	Name	EBCDIC (Hex)	ASCII (Hex)
Segment Terminator	~	Tilde	A1	7E
Data Element Separator	*	Astersk	5C	2A

Although X12.5 Interchange Control Structures discourages the use of these characters because of the likelihood of their inclusion in data element contents, these characters are not needed in the interconnect mailbag data elements. Neither the tilde nor the asterisk conflicts with the reserve characters used by commonly implemented interconnect protocols (2780, 3780, SNA, etc.).

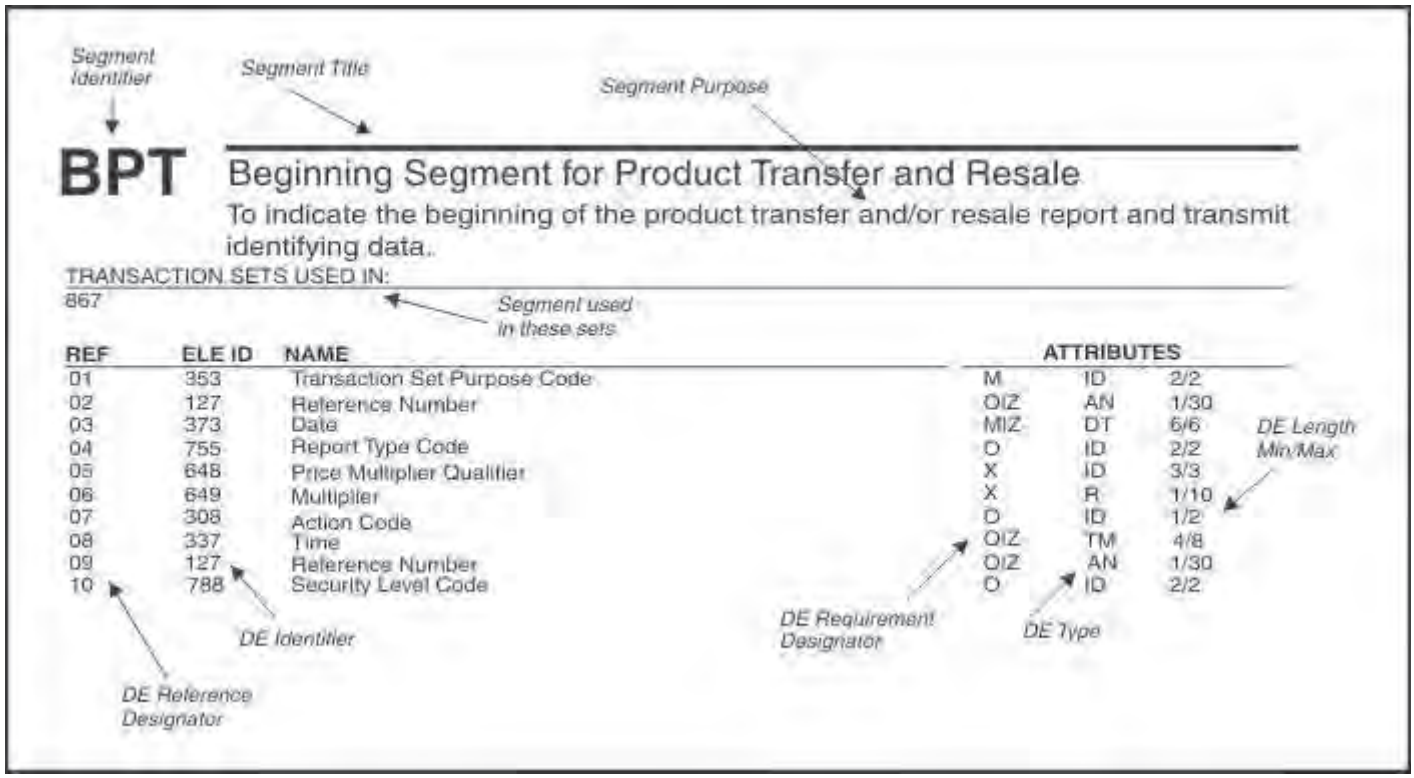
These delimiters apply only to the interconnect mailbag segments, not to any interchanges being transferred in the mailbag, and in no way restrict the values that may be used in the interchanges placed in the mailbag.

7.4 Interconnect Mailbag Segment Specifications

7.4.1 Data Segment Diagram Key

The format described in Figure 7.2 - Segment Key Diagram shows, in the general case, how interconnect mailbag segments are diagrammed and how reference information is provided in the diagram. It must be noted that the actual transfer of information does not include all of the reference information; only the data segment identifier characters, the delimiters, and the values for each included data element are actually transferred in the interconnect mailbag segments.

Figure 7.2 - Segment Key Diagram



7.4.2 Interconnect Control Segments

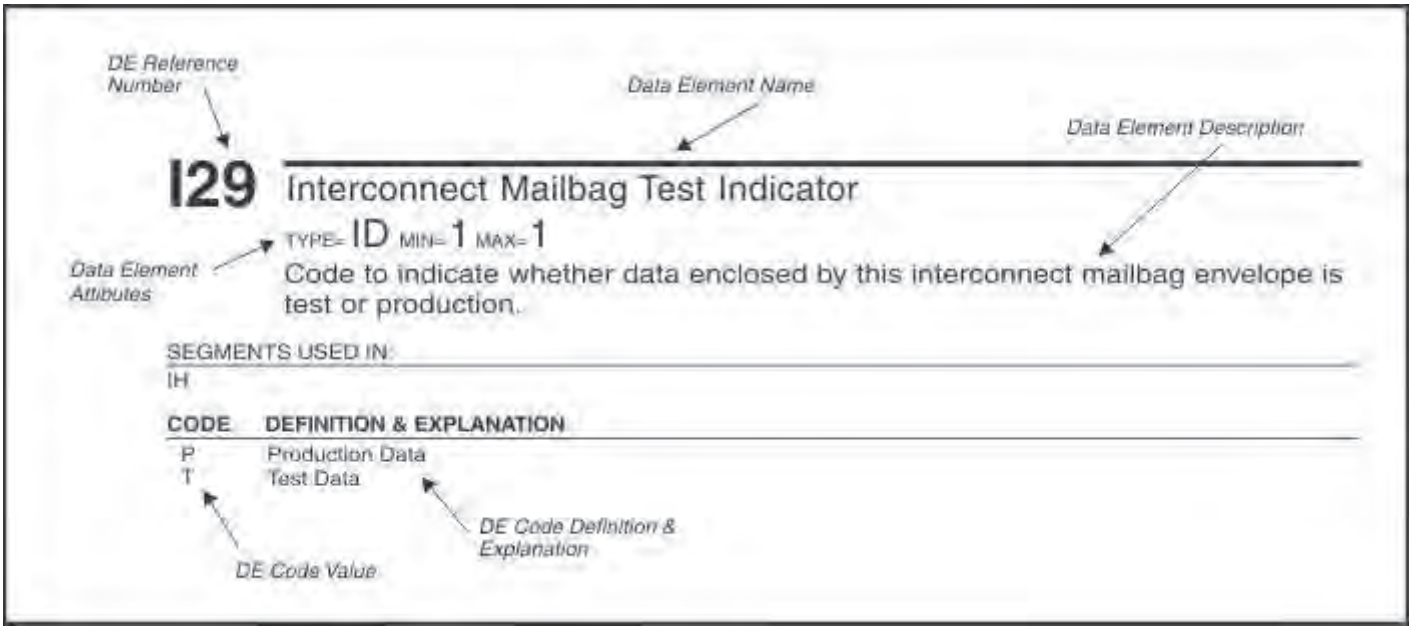
The specifications for the control segments of this standard are shown in the Segment Directory.

7.5 Interconnect Mailbag Data Element Specifications

7.5.1 Data Element Diagram Key

The format described in Figure 7.3 - Data Element Key Diagram shows, in the general case, how a data element is diagrammed and how the reference information is provided in the diagram. It must be noted that actual transfer of information does not include all of the reference information; only the values for each included data element are actually transferred in the interconnect mailbag control segments.

Figure 7.3 - Data Element Key Diagram



7.5.2 Data Element Definitions

The specifications for the data elements of this standard are shown in the Data Element Dictionary.



X12.58 Security Structures

1. Purpose and Scope

The purpose of this standard is to define the data formats for authentication, encryption, and assurances in order to provide integrity, confidentiality, and verification and non-repudiation of origin for two levels of exchange of Electronic Data Interchange (EDI) formatted data defined by Accredited Standards Committee (ASC) X12. These security services can be applied at either the functional group level or the transaction set level or both.

This standard defines data formats for the following optional mechanisms:

- Authentication of EDI encoded data
- Compression of EDI encoded data
- Encryption of EDI encoded data
- Assurances applied to EDI encoded data
- Assurances applied to EDI encoded data and passed independent of EDI encoded data
- Non-repudiation of Origin
- Non-repudiation of Receipt
- Security protocol error reporting

The business requirements addressed in this standard for the security of EDI-formatted data encompass:

- Verification of the security originator to the security recipient
- Verification of assurance originator to any interested party ("non repudiation of sender")
- Electronic signatures, including expression of business purpose for applying each of several possible multiple signatures and date-time stamp
- Verification of data integrity ("error detection," "hash totals," "control totals")
- Confidentiality of business data
- Detection of replay (e.g., duplication), insertion/modification/deletion, or impersonation

2. Referenced and Related Standards

This standard is used with the ASC X12 series of standards on electronic data interchange.

The following material is from The Internet Engineering Task Force (IETF®). The mission of the IETF is to make the Internet work better by producing high quality, relevant technical documents that influence the way people design, use, and manage the Internet.

The following verbatim text is from the cited document as noted immediately below.

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, DOI 10.17487/RFC2119, March 1997, <http://www.rfc-editor.org/info/rfc2119>.

Key words for use in RFCs to Indicate Requirement Levels

In many standards track documents several words are used to signify the requirements in the specification. These words are often capitalized. This document defines these words as they should be interpreted in IETF documents. Authors who follow these guidelines should incorporate this phrase near the beginning of their document:

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC 2119.

Note that the force of these words is modified by the requirement level of the document in which they are used.

1. **MUST This word, or the terms "REQUIRED" or "SHALL", mean that the definition is an absolute requirement of the specification.**
2. **MUST NOT This phrase, or the phrase "SHALL NOT", mean that the definition is an absolute prohibition of the specification.**
3. **SHOULD This word, or the adjective "RECOMMENDED", mean that there may exist valid reasons in particular circumstances to ignore a particular item, but the full implications must be understood and carefully weighed before choosing a different course.**
4. **SHOULD NOT This phrase, or the phrase "NOT RECOMMENDED", mean that there may exist valid reasons in particular circumstances when the particular behavior is acceptable or even useful, but the full implications should be understood and the case carefully weighed before implementing any behavior described with this label.**
5. **MAY This word, or the adjective "OPTIONAL", mean that an item is truly optional. One vendor may choose to include the item because a particular marketplace requires it or because the vendor feels that it enhances the product while another vendor may omit the same item. An implementation which does not include a particular option MUST be prepared to interoperate with another implementation**

which does include the option, though perhaps with reduced functionality. In the same vein an implementation which does include a particular option MUST be prepared to interoperate with another implementation which does not include the option (except, of course, for the feature the option provides.)

3. Definitions and Common Abbreviations

X12.6 Application Control Structure provides formal definition of terminology related to the electronic data interchange standards developed by ASC X12.

3.1 Definitions

Algorithm
A clearly specified mathematical process for computation; a set of rules which, if followed, will give a prescribed result.

Assurance Originator
The entity responsible for generating an assurance.

Assurance Recipient
The entity responsible for verifying an assurance.

Assurances
A generalization of the concept of "electronic signature" which includes similar concepts such as notarization or a secured time stamp.

Authentication
The verification of the source, uniqueness, and integrity of a message (definition used in ANSI X9.9).

Ciphertext
Encrypted (enciphered) data.

Cryptographic Equipment
Hardware or software that performs cryptographic functions (e.g., encryption, authentication, key generation).

Cryptographic Key (also Key)
A parameter that determines the transformation from plaintext to ciphertext or vice versa. For example, a DEA key is a 64-bit parameter consisting of 56 independent bits and eight bits which may be used as odd parity bits.

Cryptographic Service Message
Message used for transporting keys or related information used to control a keying relationship (ANSI X9.17).

Data Compression
Reduction in the size of a data stream by the use of specialized encoding techniques.

Data Key
A key used to encrypt and decrypt or to authenticate data (ANSI X9.17). **NOTE:** this standard requires that different keys be used for authenticating and encrypting the same plaintext.

Decryption
The process of transforming ciphertext into plaintext (ANSI X9.23).

Digital Signature
Electronic signature based on public key technology.

Digest
The output of a hashing algorithm.

Dis-embodied Signature
Electronic signature based on public key technology that is passed independent of the associated document.

Electronic Signature
Generic term covering techniques such as hashing, message authentication codes, or digital signatures.

Encryption
The process of transforming plaintext into ciphertext.

Hash
A (mathematical) function which maps values from a (possibly very) large set of values into a smaller range of values.

Initialization Vector (IV)
A value used as a starting point for the encryption of a data sequence to increase security by introducing additional cryptographic variance and to synchronize cryptographic equipment.

Interchange Partners
Two parties who have previously agreed to exchange data. A party and a key center exchanging cryptographic service messages do not constitute interchange partners.

Interoperability
The ability to exchange EDI data or cryptographic keys, both manually and in an automated environment, with any other party implementing this standard, providing that both implementations use compatible options of the relevant standards and compatible communications facilities.

Key
See *CRYPTOGRAPHIC KEY*.

Keying Material
The data (e.g., keys and IVs) necessary to establish and maintain cryptographic keying relationships (ANSI X9.17).

Keying Relationship
The state existing between interchange partners in which they share at least one data key or key-encrypting pair.

Message Authentication Code (MAC)
A cryptographically derived hash total that can be used to verify the security originator to the security recipient and so protects the integrity of the applicable data.

Non-Repudiation
Ability of a party to a data exchange to obtain irrevocable proof, verifiable that some aspect of the data exchange occurred.

Octet
Eight bits.

Parity
A measure of the number of "1" bits in a group of "0" and "1" bits; either odd, even, or not relevant (i.e., none).

Party
Business entity that controls the application system that originates or receives EDI formatted data.

Plaintext
Unencrypted (unenciphered) data; intelligible data that can be directly acted upon without decryption.

Private Key
One of two keys used with an asymmetric cryptographic algorithm. The private key is known only to one entity.

Pseudo-Random
A value is pseudo-random if it is approximately random.

Public Key
One of two keys used with an asymmetric cryptographic algorithm. The public key is known to everyone.

Random
A value is random if it has an equal probability of being selected from all possible values; hence it is unpredictable.

Replay
The process of recording and repeating a message at a later time.

Secret Key
A key, used with a symmetric cryptographic algorithm, that is shared between the two entities.

Security Originator
The entity responsible for and authorized to apply cryptographic protection to a secured-body.
NOTE: the security originator is logically distinct from the application sender.

Security Recipient
The entity responsible for verifying that the secured-body has not been altered in transit, for decoding encrypted text, or validating the identity of the security originator. **NOTE:** the security recipient is logically distinct from the application receiver.

Symmetric Key
See *SECRET KEY*.

Transformed Data
Transformed data is the encrypted data string resulting from application of an encryption algorithm to the span of characters beginning with the first character of the initialization vector and ending with the character preceding the segment delimiter of the last segment in the range of data to be secured.

3.2 Abbreviations

ASCII: American Standard Code for Information Interchange
CBC: Cipher Block Chaining
CFB: Cipher Feedback
DEA: Data Encryption Algorithm
EBCDIC: Extended Binary Coded Decimal Interchange Code
ECB: Electronic Code Book
IDA: Identity of Key for Authentication
IDE: Identity of Key for Encryption
IV: Initialization Vector
MAC: Message Authentication Code

4. Data Security Related Concepts

4.1 General

This section describes general cryptographic concepts as they apply to authentication, encryption, and assurances.

The models for authentication, encryption, and compression presented in this Section are those of ANSI X9.9, ANSI X9.23, and X9.32. These standards use the Data Encryption Algorithm (DEA) as described in ANSI X3.92 and the Modes of Operation of the DEA as defined in ANSI X3.106. This document makes provision for other standards -- including future ANSI or other standards -- by providing data structures for the use of other cryptographic algorithms, including asymmetric algorithms.

The companion document *Cryptographic Service Message Transaction Set (815)* deals with the management and distribution of symmetric keys, asymmetric keys, and certificates of authority.

The model for electronic signatures is based on the public key cryptographic standards work of ANSI X9F1, and the Secure Hash Algorithm (SHA) and the Digital Signature Algorithm (DSA) work of

NIST that is contained in Federal Information Processing Standards 186 (FIPS 186). The approach taken is flexible enough to encompass other public key standards and *de facto standards*.

4.2 Authentication

Authentication is a technique used to:

- Verify the identity of the security originator of a message to the security recipient in order to detect spoofing or impersonation
- Verify the integrity of the message by detecting changes (modifications) in a message (including transmission errors) introduced between the security originator and the security recipient
- Protect a unique message identifier which is used to detect attempts at insertion, deletion, or replay of messages

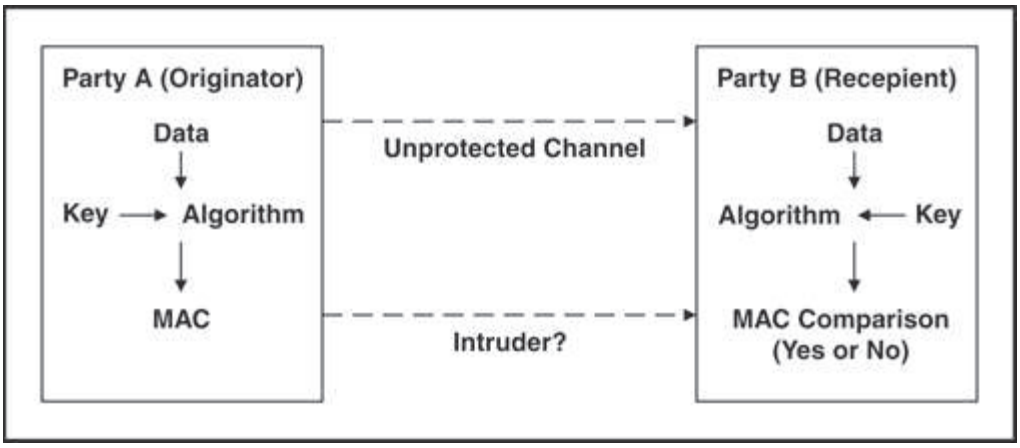
The ANSI X9.9 standard employs ANSI X3.92 to compute a Message Authentication Code (MAC). The MAC is a cryptographically derived hash total that can be used to verify the security originator to the security recipient or protect the integrity of the applicable data.

Authentication is designed to provide protection for a message between the security originator and the security recipient. To provide that protection, the key used to perform the authentication must be known only by those two parties (or their authentication devices), and the message must not be modified in any way after the authentication process is performed by the security originator.

Authentication does not modify the text that is input to the process. The authenticated message can pass through any communications equipment that can handle the unauthenticated message. The receiving process must be able to reconstruct the original message from the data delivered by the communication equipment in order for the message to pass the checking process.

Basic requirements for a secured business interchange include the need to detect attempts at insertion, deletion, and replay of messages. This requirement can be satisfied by having the originating application place a combination of date and message identifier (such as a purchase order number) -- according to the requirements of ANSI X9.9 -- into the authenticated message so that the receiving application can uniquely identify each message sent. Then the security recipient can detect a repeated message by its repeated date and message identifier. Deleted messages can be detected by the originating application by the lack of an authenticated response (when one is used) or by the receiving application by reconciling the messages received against a list sent by the originating application in a separate authenticated message. Text inserted into the secured-body can be detected by the receiving application by the failure of the message to authenticate. The following diagram depicts the authentication model.

Figure 4.1 - Authentication Model



This model shows the computation of the MAC by the security originator (Party A). The computed MAC is appended to the message before transmission to the security recipient (Party B). A similar computation must be performed by the security recipient; the computed MAC must be compared with the received MAC to verify the security originator and to detect changes in the message. If the MACs compare successfully, Party B knows that the message has not been modified (providing data integrity), and knows that the message was authenticated by the security originator (providing verification of the security originator to the security recipient).

4.3 Encryption

The confidentiality of EDI encoded data is protected by the use of encryption. This standard provides a method for protecting the confidentiality of ASC X12 formatted data that is independent of the actual structure and the data content. In all cases, the structures defined in this standard apply.

Use of the encryption option of this standard does not provide detection of alteration of messages between the security originator and the security recipient. If encryption were used without authentication or assurance and an error occurs in transmission, the error may not be detected and the decrypted message may not be usable nor able to be processed. Authentication or assurance can be used to provide integrity while using encryption to provide confidentiality of the same data. When both authentication or assurances and encryption are used, the authentication or assurances are performed before encryption of the original plaintext data.

4.3.1 Assurances

Assurances, as defined in this standard, are a generalization of the concept of "electronic signature." The assurance originator expresses "business intent" by adding an assurance (one SxA segment and one SVA segment) to a transaction set or functional group that codifies the intent and computes a MAC or digital signature based on the text or the secured digest of the transaction set or group. The assurance recipient verifies the digital signature. Since the assurance originator is the only entity that could have generated the digital signature in a public key system, the assurance recipient can have certainty that expressed business intent is valid. The assurance provides for:

- Encoding of "business intent"
- Any text (e.g., signer's name, license number, etc.) desired by the signatorlito accompany the signature

- Date/time stamp
- Non-reputable signature
- Dis-embodied signature

4.3.2 Non-repudiation

Using a private-key/public-key approach, non-repudiation of origin of a message can be established since only the assurance originator can generate the signature. Any recipient that has access to the technology and that can verify the certificate chain, is able to verify the signature.

Non-repudiation of receipt is also supported by this standard. Using a private-key/public-key approach, a message recipient can generate an electronic signature value that will assure the message originator that the message was received by the intended party, without modification.

Non-repudiation is achieved since the process provides irrevocable proof, to a third party, that the security originator has access to the private key component. The strength of public key technology relies on the mathematical insolubility of the reverse process.

4.3.3 Supporting Services

Compression

Data compression takes a contiguous stream of characters and transforms the stream into a series of codes. If the compression algorithm is effective, the resulting stream of codes is smaller than the original text.

The theory of data compression is based on redundancy in the original text. For X12-encoded data, the repetition of segment identifiers in conjunction with separators, the recurrence of alpha and numerical substrings, and the frequency of common codes -- all add up to considerable redundancy in the ASCII encoding stream.

The various common data compression algorithms provide different coding methods for single and multiple character combinations that occur with different probabilities.

Modern compression techniques fall into several families: Shannon-Fano coding, Huffman coding, statistical modeling, and methods based on an adaptive dictionary. These techniques are often used for compressing files on bulletin boards or in modems that are able to perform compression/decompression "on the fly." If compression is used, it must be completed before the encryption process.

Security Error Reporting

While security products and algorithms provide a reliable and stable output, errors can occur. It is imperative that any security-related error be detected and reported immediately. A series of error codes and conditions have been defined to support this reporting requirement. It is possible to communicate these codes in the ASC X12 Functional Acknowledgment (997); however, it is recommended that the ASC X12 Secured Receipt or Acknowledgment (993) be the primary method for reporting security protocol errors.

4.3.4 Filtering of Encrypted or Compressed Data

The result of the encryption process is a pseudo-random binary string. Some communications systems will interpret some of the pseudo-random binary output as control characters or control sequences which may have a detrimental effect on transmission services (e.g., spurious XON/XOFF or EOF characters).

Filtering is a reversible process that converts the binary output from the encryption process to a coded character set output that does not contain control characters or sequences. The receiving process uses the inverse filtering process to convert the data back to the binary data so that it can be decrypted.

Filtering is performed after all other security processes are complete.

This process will normally increase the size of the message. ANSI X9.23 defines several optional filters that provide a tradeoff between character set flexibility and message expansion:

- The hexadecimal filter converts each byte of binary data into two hexadecimal characters (0..9, A..F) expressed in the character set of transmission. This filter works well with nearly all character sets, but it produces an expansion of 100%.
- The ASCII filter converts the binary data to a string of ASCII printable characters and normally produces an expansion of about 23%.
- The ASCII/Baudot filter converts the binary data to a string of characters belonging to both the ASCII and Baudot character sets and normally produces an expansion of about 86%.

This standard also allows the use of no filter or the use of a filter specified by mutual agreement among the options provided by the code set maintained by ASC X12.

4.4 Sequencing of Cryptographic Techniques

In practical situations, the users of this standard will choose combinations of features rather than just a single feature. The supported combinations of features, not including assurances, are specified in the codes for DE 990 - Security Type. All features are designed to be used in isolation or in any combination.

Authentication does not protect the confidentiality of the message because the information is interchanged in its plain text form. Message encryption can be used to provide confidentiality while using authentication to provide integrity protection of the same data. When both authentication and encryption are used, the authentication is performed before encryption of the original plain text data.

Where more than one service is selected at a specific level, the order of processing is:

- Before applying any security services, the data must first be translated into an EDI format
- Addition of one or more assurances
- Authentication
- Compression
- Encryption
- Filtering for data communications

When assurance segments (S4A and SVA) are used, they must be added to unsecured (not authenticated or encrypted) transactions. If a transaction set is received (with or without assurances)

with encryption and/or authentication applied by the originator, the transaction set must be either decrypted or authenticated prior to the addition of any further assurances. Once any assurances have been added, the transaction set can be encrypted or authenticated prior to being forwarded to additional parties.

When applying security services at the functional group level, all security services at the transaction set level must be completed before applying security services at the functional group level.

The receiving organization processes the received message in the reverse order, starting with inverse filtering, followed by decryption, followed by decompression, validation of authentication and validation of the assurances. When processing inbound security services at the transaction set level, all security services except assurances at the functional group level must be removed before processing inbound security services at the transaction set level. (Note that to maintain the validity of the assurances associated with S3A, S4A assurances must not be removed before verification of the S3A assurances.) In this manner the receiving organization unwraps the EDI message by processing the security services and removing the S3S/S3E pairs from the message before processing the next security service.

5. ASC X12 Security Segment Specifications

5.1 General

Security services (authentication, encryption and assurances) are provided at two levels within ASC X12 in conjunction with the following envelopes:

- Functional Group (GS/GE envelope)
- Transaction Set (ST/SE envelope)

The Version/Release of the Security segments is independent of the Version/Release/Sub-release version identified in the Functional Group Header (GS). The Version/Release for the security structures is contained in the first data element of the S3A, S4A, S3S, & S4S segments. This version/release code indicates the specific version/release of the standard that is applicable to that security segment and the associated security trailer or security value segment. The same transaction set or functional group may have different version/releases of the security standard applied to it or there may be different version/releases of the security standard applied to multiple transaction sets or functional groups.

At each of these levels, authentication, encryption and assurances are each optional. Assurances are independent of authentication or encryption. In addition, any service used at one level is independent of a service used at the other level.

Assurances are applied before any other security processes (authentication, encryption, and compression). Therefore, the assurance segment (S3A or S4A) immediately follows the segment initiating the beginning of this level (GS or ST), and precedes any existing assurance segments (S3A or S4A). The Security Value (SVA) segment follows any existing Security Value (SVA) segments and precedes the segment terminating the level (GE or SE).

If encryption and/or authentication is provided, the security header segment (S3S or S4S) immediately follows the segment initiating the beginning of this level (GS or ST); the security trailer segment (S3E or S4E) precedes the segment terminating the level (GE or SE). If encryption and/or authentication at both levels is provided and if assurances are used at both levels, the sequence of segments, illustrating these levels, is:

ISA - Interchange Header
- **GS** - Functional Group Header
- **S3S** - Security Header Level 1
- **S3A** - Assurance Header Level 1
  - **ST** - Transaction Set Header
  - **S4S** - Security Header Level 2
  - **S4A** - Assurance Header Level 2
    - (The Transaction Set Segments)
  - **SVA** - Security Value (Level 2)
  - **S4E** - Security Trailer Level 2
  - **SE** - Transaction Set Trailer
- **SVA** - Security Value (Level 1)
- **S3E** - Security Trailer Level 1
- **GE** - Functional Group Trailer

IEA - Interchange Trailer

There is one exception to the segment placement defined above. The Secured Receipt or Acknowledgment (993) uses a unique sequencing of the assurance segments. The Secured Receipt or Acknowledgment (993) contains assurances for information not contained in the transaction set. The transaction set designers believed that using the S4A/SVA pair standard placement would mislead implementers. Therefore, to provide greater clarity, the S4A/SVA pair were placed together just prior to the SE segment.

5.2 Standard Structures for Security Segments

5.2.1 Segment Constructs in Backus-Naur Form (BNF)

The security related segments are constructed as follows:

S3A - Assurance Header Level 1		
<function_assurance_header>	:: =	S3A <gs> <Security_Version/Release_Identifier_Code> <gs> <Business_Purpose_of_Assurance> <gs> <Computation_Methods> <gs> <Domain_of_Computation_of_Assurance_Digest> <gs> [<Assurance_Originator>] <gs> [<Assurance_Recipient>] <gs> [<Assurance_Reference_Number>] <gs>

S3A - Assurance Header Level 1		
		[<Date/Time_Reference>] <gs> [<Assurance_Text>] <gs> [<Certificate_Look-up_Information>] <gs> [<Assurance_Token_Parameters>] <tr>
<Security_Version/Release_Identifier_Code>	::=	<id>
<Business_Purpose_of_Assurance>	::=	<id>
<Computation_Methods>	::=	<Assurance_Algorithm> <us> <Hashing_Algorithm>
<Domain_of_Computation_of_Assurance_Digest>	::=	<id>
<Assurance_Originator>	::=	<string>
<Assurance_Recipient>	::=	<string>
<Assurance_Reference_Number>	::=	<string>
<Date/Time_Reference>	::=	<string>
<Assurance_Text>	::=	<string>
<Certificate_Look-up_Information>	::=	<Look-up_Value_Protocol_Code> <us> <Filter_ID_Code> <us> <Version_Identifier> <us> <Look-up_Value> <us> [<Look-up_Value_Protocol_Code>] <us> [<Filter_ID_Code>] <us> [<Version_Identifier>] <us> [<Look-up_Value>] <us> [<Look-up_Value_Protocol_Code>] <us> [<Filter_ID_Code>] <us> [<Version_Identifier>] <us> [<Look-up_Value>]
<Assurance_Token_Parameters>	::=	<Assurance_Token_Parameter_Code> <us> <Assurance_Token_Parameter_Value> <us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>]

S3A - Assurance Header Level 1		
		<us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>] <us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>] <us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>] <us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>] <us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>] <us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>] <us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>]
<Assurance_Algorithm>	::=	<id>
<Hashing_Algorithm>	::=	<id>
<Look-up_Value_Protocol_Code>	::=	<id>
<Filter_ID_Code>	::=	<id>
<Version_Identifier>	::=	<string>

S3A - Assurance Header Level 1		
<Look-up_Value>	::=	<string>
<Assurance_Token_Parameter_Code>	::=	<id>
<Assurance_Token_Parameter_Value>	::=	<string>

S4A - Assurance Header Level 2		
<trans_assurance_header>	::=	S4A <gs> <Security_Version/Release_Identifier_Code> <gs> <Business_Purpose_of_Assurance> <gs> <Computation_Methods> <gs> <Domain_of_Computation_of_Assurance_Digest> <gs> [<Assurance_Originator>] <gs> [<Assurance_Recipient>] <gs> [<Assurance_Reference_Number>] <gs> [<Date/Time_Reference>] <gs> [<Assurance_Text>] <gs> [<Certificate_Look-up_Information>] <gs> [<Assurance_Token_Parameters>] <tr>
<Security_Version/Release_Identifier_Code>	::=	<id>
<Business_Purpose_of_Assurance>	::=	<id>
<Computation_Methods>	::=	<Assurance_Algorithm> <us> <Hashing_Algorithm>
<Domain_of_Computation_of_Assurance_Digest>	::=	<id>
<Assurance_Originator>	::=	<string>
<Assurance_Recipient>	::=	<string>
<Assurance_Reference_Number>	::=	<string>
<Date/Time_Reference>	::=	<string>
<Assurance_Text>	::=	<string>

S4A - Assurance Header Level 2		
<Certificate_Look-up_Information>	::=	<Look-up_Value_Protocol_Code> <us> <Filter_ID_Code> <us> <Version_Identifier> <us> <Look-up_Value> <us> [<Look-up_Value_Protocol_Code>] <us> [<Filter_ID_Code>] <us> [<Version_Identifier>] <us> [<Look-up_Value>] <us> [<Look-up_Value_Protocol_Code>] <us> [<Filter_ID_Code>] <us> [<Version_Identifier>] <us> [<Look-up_Value>]
<Assurance_Token_Parameters>	::=	<Assurance_Token_Parameter_Code> <us> <Assurance_Token_Parameter_Value> <us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>] <us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>] <us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>] <us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>] <us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>] <us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>] <us>

S4A - Assurance Header Level 2		
		[<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>] <us> [<Assurance_Token_Parameter_Code>] <us> [<Assurance_Token_Parameter_Value>]
<Assurance_Algorithm>	::=	<id>
<Hashing_Algorithm>	::=	<id>
<Look-up_Value_Protocol_Code>	::=	<id>
<Filter_ID_Code>	::=	<id>
<Version_Identifier>	::=	<string>
<Look-up_Value>	::=	<string>
<Assurance_Token_Parameter_Code>	::=	<id>
<Assurance_Token_Parameter_Value>	::=	<string>

SVA - Security Value		
<security_value>	::=	SVA <gs> <Filter_ID_Code> <gs> <Version-_Identifier> <gs> <Security Value> <tr>
<Filter_ID_Code>	::=	<id>
<Version_Identifier>	::=	<string>
<Security_Value>	::=	<Security_Value_Qualifier> <us> <Encoded_Security_Value>
<Security_Value_Qualifier>	::=	<id>
<Encoded_Security_Value>	::=	<string>

S3S - Security Header Level 1		
<function_security_header>	::=	S3S <gs> <Security_Version/Release_Identifier_Code> <gs> <Security_Type> <gs> <Security_Originator_Name> <gs> [<Security_Recipient_Name>] <gs> [<Authentication_Key_Name>] <gs>

S3S - Security Header Level 1		
		[<Authentication_Service_Code>] <gs> [<Certificate_Look-up_Information>] <gs> [<Encryption_Key_Information>] <gs> [<Encryption_Service_Information>] <gs> [<Length_of_Data>] <gs> [<Transformed_Data>] <tr>
<Security_Version/Release_Identifier_Code>	::=	<id>
<Security_Type>	::=	<id>
<Security_Originator_Name>	::=	<string>
<Security_Recipient_Name>	::=	<string>
<Authentication_Key_Name>	::=	<string>
<Authentication_Service_Code>	::=	<id>
<Certificate_Look-up_Information>	::=	<Look-up_Value_Protocol_Code> <us> <Filter_ID_Code> <us> <Version_Identifier> <us> <Look-up_Value> <us> [<Look-up_Value_Protocol_Code>] <us> [<Filter_ID_Code>] <us> [<Version_Identifier>] <us> [<Look-up_Value>] <us> [<Look-up_Value_Protocol_Code>] <us> [<Filter_ID_Code>] <us> [<Version_Identifier>] <us> [<Look-up_Value>]
<Encryption_Key_Information>	::=	<Encryption_Key_Name> <us> [<Protocol_ID>] <us> [<Keying_Material>] <us> [<One-time_Encryption_Key>]
<Encryption_Service_Information>	::=	<Encryption_Service_Code> <us> [<Algorithm_ID>] <us> [<Algorithm_Mode_of_Operation>] <us> [<Filter_ID_Code>] <us> [<Version_Identifier>] <us> [<Compression_ID>] <us> [<Version_Identifier>]

S3S - Security Header Level 1		
<Length_of_Data>	::=	<numeric>
<Transformed_Data>	::=	<string>
<Look-up_Value_Protocol_Code>	::=	<id>
<Filter_ID_Code>	::=	<id>
<Version_Identifier>	::=	<string>
<Look-up_Value>	::=	<string>
<Encryption_Key_Name>	::=	<string>
<Protocol_ID>	::=	<id>
<Keying_Material>	::=	<string>
<One-time_Encryption_Key>	::=	<string>
<Encryption_Service_Code>	::=	<id>
<Algorithm_ID>	::=	<id>
<Algorithm_Mode_of_Operation>	::=	<id>
<Filter_ID_Code>	::=	<id>
<Version_Identifier>	::=	<string>
<Compression_ID>	::=	<id>
<Version_Identifier>	::=	<string>

S3E - Security Trailer Level 1		
<function_security_trailer>	::=	S3E <gs> <Hash_or_Authentication_Code> <tr>
<Hash_or_Authentication_Code>	::=	<string>

S4S - Security Header Level 2		
<trans_security_header>	::=	S4S <gs> <Security_Version/Release_Identifier_Code> <gs> <Security_Type> <gs> <Security_Originator_Name> <gs> [<Security_Recipient_Name>] <gs> [<Authentication_Key_Name>] <gs> [<Authentication_Service_Code>] <gs> [<Certificate_Look-up_Information>] <gs> [<Encryption_Key_Information>] <gs> [<Encryption_Service_Information>] <gs> [<Length_of_Data>] <gs> [<Transformed_Data>] <tr>
<Security_Version/Release_Identifier_Code>	::=	<id>
<Security_Type>	::=	<id>
<Security_Originator_Name>	::=	<string>
<Security_Recipient_Name>	::=	<string>
<Authentication_Key_Name>	::=	<string>
<Authentication_Service_Code>	::=	<id>
<Certificate_Look-up_Information>	::=	<Look-up_Value_Protocol_Code> <us> <Filter_ID_Code> <us> <Version_Identifier> <us> <Look-up_Value> <us> [<Look-up_Value_Protocol_Code>] <us> [<Filter_ID_Code>] <us> [<Version_Identifier>] <us> [<Look-up_Value>] <us> [<Look-up_Value_Protocol_Code>] <us> [<Filter_ID_Code>] <us> [<Version_Identifier>] <us> [<Look-up_Value>]
<Encryption_Key_Information>	::=	<Encryption_Key_Name> <us> [<Protocol_ID>] <us> [<Keying_Material>] <us> [<One-time_Encryption_Key>]

S4S - Security Header Level 2		
<Encryption_Service_Information>	::=	<Encryption_Service_Code> <us> [<Algorithm_ID>] <us> [<Algorithm_Mode_of_Operation>] <us> [<Filter_ID_Code>] <us> [<Version_Identifier>] <us> [<Compression_ID>] <us> [<Version_Identifier>]
<Length_of_Data>	::=	<numeric>
<Transformed_Data>	::=	<string>
<Look-up_Value_Protocol_Code>	::=	<id>
<Filter_ID_Code>	::=	<id>
<Version_Identifier>	::=	<string>
<Look-up_Value>	::=	<string>
<Encryption_Key_Name>	::=	<string>
<Protocol_ID>	::=	<id>
<Keying_Material>	::=	<string>
<One-time_Encryption_Key>	::=	<string>
<Encryption_Service_Code>	::=	<id>
<Algorithm_ID>	::=	<id>
<Algorithm_Mode_of_Operation>	::=	<id>
<Filter_ID_Code>	::=	<id>
<Version_Identifier>	::=	<string>
<Compression_ID>	::=	<id>
<Version_Identifier>	::=	<string>

S4E - Security Trailer Level 2		
<trans_security_trailer>	::=	S4E <gs> <Hash_or_Authentication_Code> <tr>
<Hash_or_Authentication_Code>	::=	<string>

5.2.2 General

In this Section, the principles of the standard structures that are implemented at the various levels are established. Thus, in the description of this Section, the generic "SxS", "SxE", and "SxA" segments are referenced. Specifications for the interchange segments are provided in the segment directory.

Security at each potential level is optional and is independent of security at other levels.

The security header (SxS, x = 3 or 4), trailer (SxE), and assurance (SxA) segments are defined for the two levels (functional group and transaction set) using identical formats differing only in the naming of the segments and the reference designators.

The same key shall not be used for more than one function (i.e., authentication or encryption) at any one level. A key used to provide protection at one level shall not intentionally be used at the other level for the same or a different purpose.

When used, the security header segment (generic SxS) is placed immediately after the first segment of the authenticated group of segments. The security header segment identifies which security services are to be used and identifies authentication and encryption keys to be used. The format of the SxS can be found in the segment dictionary.

If the SxS segment is used at the beginning of a functional group or transaction set, the security trailer segment (SxE) precedes the last segment of the same functional group or transaction set.

The security trailer segment is used to end the authentication and encryption process initiated by the corresponding security header segment. SxE01 is the message authentication code (MAC) or hash generated by applying the authentication algorithm against the designated segments.

If one or more assurances are used at either level, one SxA segment and one SVA segment are added. The first Assurance (SxA) and any subsequent Assurances are placed immediately after the first segment of the assured group of segments (GS or ST) and before any previous SxAs.

If the SxA segment is used at the beginning of a functional group or transaction set, the Security Value (SVA) will immediately precede the last segment of the same functional group or transaction set. The SVA for any additional assurances will follow any previous SVAs and precede the last segment of the group or transaction set (GE or SE).

The preparation of ASC X12 text and formatting of security header and trailer segments (see Section 5.1) consists of:

1. Determining whether a transaction set or functional group will be authenticated, encrypted or assured.

2. Inserting an SxA segment after the first segment of the group or transaction set (GS or ST) that will be assured and before the SxA of the last assurance at the same level, if present.

3. Inserting an SVA segment before the last segment of the group or transaction set (GE or SE) and after the SVA of the last assurance at the same level, if present.

4. Inserting the SxS segment after the first segment of the group of transaction set (GS or ST) that will be authenticated or encrypted and before any Assurances (SxA) if present. The SxE segment is inserted after any Security Values (SVA), if present, and before the last segment of the group or transaction set (GE or SE).

When the S4S and S4E segments are added, the segment count in the SE segment is increased by 2. When the S4A and SVA segments are added, the segment count in the SE segment is increased by 2. When S3S, S3E, S3A or SVA segments are added to the functional group, the count of transaction sets in the group is not changed.

The scope of the authentication process is defined as follows:

- Authentication begins with the first character of the segments designated for authentication (i.e., the first Character of the segment preceding the "SxS" segment).
- If encryption is also to be performed, the authentication process is performed through the SxS09 element and then continues with the segment terminator of the SxS segment (i.e., as if the Length of Data segment, the Initialization Vector element, and their preceding segment separators were not present).
- Authentication ends with and includes the data element separator preceding the hash code.

The scope of the compression process is defined as follows:

- Compression starts with the first character of the segment that follows the SxS segment.
- Compression ends with the last character of the segment that precedes the SxE segment (and does not include the segment separator).

The scope of the encryption process is defined as follows:

- Encryption begins with the Initialization Vector field (SxS11).
- The Initialization Vector (IV) is encrypted using Electronic Code Book (ECB). A new IV shall be used for each message and shall not be intentionally reused. Text following the IV is encrypted using the mode specified in the Encryption Service Code (SxS09).
- Encryption ends with the last character before the segment terminator of the segment preceding SxE.
- Filtering is applied to the encrypted IV and, optionally, to the encrypted data.
- When present, the Length of Data data element counts the number of octets in the encrypted and filtered IV and data.
- When certain block ciphers (i.e., CBC mode of DES) are used for encryption, the plaintext data is padded to a multiple of the block size octets by adding text consisting of 0 to 7 ASCII-zeroes followed by a length value consisting of one ASCII character with value ranging from "1" to "8" that specifies the number of octets used in the padding. This padding meets the requirements of ANSI X9.23 and is completely deterministic. Because of the padding, the

pre-encrypted text will always be a multiple of the block size prior to filtering and thus fit any block-oriented encryption mode of operation. The padding is added immediately prior to encryption and is removed by the decryption process; it is not included in the calculation of the hash that is computed prior to encryption.

The scope of the assurance process is defined as follows:

- The scope of each assurance is defined for that assurance by the contents of the Domain of Computation of Assurance Digest (SxA04) data element in the SxA segment.

5.3 Functional Group Security (GS/GE, Level 1)

Assurances are applied before any other security processes (authentication, encryption, and compression). Therefore, the assurance segment (S3A) immediately follows the segment initiating the beginning of this level (GS), and precedes any existing assurance segments (S3A). The Security Value (SVA) segment follows any existing Security Value (SVA) segments and precedes the segment terminating the level (GE).

Encryption and/or authentication is available for individual functional groups through the use of the S3S and S3E segments. Both the S3S and S3E segments can be present or absent for any functional group. Security (authentication and/or encryption) at this level is optional and is independent of security at any other level.

If functional group level security is used, the key used for authentication and the key used for encryption shall be different, and the keys shall not be used for any other security purpose. Separate functional groups, within the same interchange or in separate interchanges, may use the authentication key or the encryption key used for the same purpose in other functional groups.

Definitions of security segments and data elements are given in the segment and data dictionaries.

The placement of security segments is defined below.

- The S3A segment immediately follows the GS segment.
- The S3S segment immediately follows the GS segment and is inserted immediately before any S3A or S3S segments, if present.
- The S3E segment precedes the GE segment and is inserted immediately after any SVA or S3E segments, if present.

The scope of security segments is defined as given below.

- Authentication begins with the first character of the functional group (the "G" of GS*.....).
- Authentication ends with and includes the data element separator preceding the hash code.
- Compression begins with the first character of the segment following the S3S segment (i.e., the first character of the first enclosed transaction set).
- Compression ends with the last character before the segment terminator of the segment preceding the S3E.
- Encryption begins with the first character of the Initialization Vector (S3S11).
- Encryption ends with the last character before the segment terminator of the segment preceding S3E.

- Assurance segments have a scope defined by the code in S3A04.

5.4 Transaction Set Security (ST/SE, Level 2)

Assurances are applied before any other security processes (authentication, encryption, and compression). Therefore, the assurance segment (S4A) immediately follows the segment initiating the beginning of this level (ST), and precedes any existing assurance segments (S4A). The Security Value (SVA) segment follows any existing Security Value (SVA) segments and precedes the segment terminating the level (SE).

Encryption and/or authentication is available for individual transaction sets through the use of the S4S and S4E segments. Both the S4S and S4E segments can be present or absent for any transaction set. Security (authentication and/or encryption) at this level is optional and is independent of security at any other level.

If transaction set level security is used, the key used for authentication and the key used for encryption shall be different, and the keys shall not be used for any other security purpose. Separate transaction sets, within the same functional group or in separate functional groups or interchanges, may use the authentication key or the encryption key used for the same purpose in other transaction sets.

Definitions of security segments and data elements are contained in the segment and data element dictionaries.

The placement of security segments is defined below.

- The S4A segment immediately follows the ST segment, except when used in the Secured Receipt or Acknowledgment (993). In the Secured Receipt or Acknowledgment (993), the S4A will immediately precede the SVA segment.
- The S4S segment immediately follows the ST segment and is inserted immediately before any S4A or S4S segments, if present.
- The S4E segment precedes the SE segment and is inserted immediately after any SVA or S4E segments, if present.

The scope of security segments is defined as given below.

- Authentication begins with the first character of the transaction set (the "S" of ST*.....).
- Authentication ends with and includes the data element separator preceding the hash code.
- Compression begins with the first character of the segment following the S4S segment (i.e., the first character of the transaction set body).
- Compression ends with the last character before the segment terminator of the segment preceding the S4E.
- Encryption begins with the first character of the Initialization Vector (S4S11).
- Encryption ends with and includes the last character before the segment terminator of the segment preceding S4E.
- Assurance segments have a scope defined by the code in S4A04.

6. Auditing and Responding to Secured ASC X12 Data

Since the security structures are embedded in the ASC X12 structures, the responses will be found embedded in the response to a group of transactions, the Functional Acknowledgment Transaction Set (997).

These security structures are an integral part of the management of the ASC X12 EDI environment. When an audit journal is required, it may be required for a variety of EDI management purposes. This Section also attempts to reconcile these disparate purposes.

Only a single 997 response is allowed for a functional group, and it must report on the syntactic integrity of the entire received group of transaction sets.

A. Appendix

This Appendix is not part of the standard but is included for information only.

The example shows authentication and the use of the assurance segment -- with authentication applied at both levels and multiple assurances segments ("signatures") on the first transaction at transaction set level only. The security recipient for the transaction set (shown in the S4S segment) in this example is different from the security recipient of the functional group (shown in the S3S segment). The original transaction was signed by the original preparer of the ASC X12 message (code "PRP" indicates "preparer"), but the second signature was applied by a subsequent handling party (code "ASG" indicates authorizer).

The integrity indicated by the functional group hash would have been calculated after the application of this second signature.

NOTE: Cryptographic values are for explanation purposes only and do not represent real output of the stated cryptographic algorithms.

```
GS*IN*012345678*087654321*960214*2210*000001*X*003050~
S3S*003072*AA*SEC_ORIG*SEC_RECV*KEY_ONE*1~
ST*810*0001~
S4S*003072*AA*SEC_ORIG*SEC_RECV_2*KEY_TWO*1~
S4A*003072*ASG*RSA:MD5*E*AUTH ORG*AUTH RCV**199602040932782-
    0900*CHARLESSMITH/A=1234567/F=987623123492*CI:3456789*A9012B3AA1231D3F1343860AF0C99106
    E45B10FA~
S4A*003072*PRP*RSA:MD5*E*AUTH ORG*AUTH RCV**199602031623EST-0600*JOHN
    JONES*CI:12345678:KN:ABC923456*AB40C0DFF174AF90CAAD299CA478FFB45611A012~
BIG*960213*101*960215*P996320~
N1*BT*ACME DISTRIBUTING COMPANY~
N3*P.O. BOX 333555~
N4*ANYTOWN*NY*12345~
IT1*01*3*JR*53.75*WE~
PER*1C*J. DOE*TE*2125551234~
```

```
CAD*M****CONSOLIDATED~
TDS*5111~

SVA*HDC*1.0*ASV:F5A9012B3AA1231D3F1343AA59D299CA478FFB456112B3AA1231D3F1343AA51232343
   45345FFACB98456FAB4345769C2AB452452ABD4567DF67A~

SVA*HDC*1.0*ASV:3134FA3918CB2A8586AFDF45690A9B3C120FD45860AF0C99AB40C0DFF174AF90CAA
   D299CA478FFB45611A912106E45B10FA55678CB98A300A6BAE~

S4E*AF57 B3AC~
SE*16*0001~

ST*810*0002~
S4S*003072*AA*SEC_ORIG*SEC_RECV_2*KEY_TWO*1~
BIG*960213*101*960216*P996321~
N1*BT*ACME DISTRIBUTING COMPANY~
N3*P.O. BOX 333555~
N4*ANYTOWN*NY*12345~
IT1*01*3*JR*53.75*WE~
PER*1C*J. DOE*TE*2125551234~
CAD*M****CONSOLIDATED~
TDS*5111~
S4E*5AC1 1834~
SE*12~
S3E*F739 2A55~
GE*2*000001~
```

Many other combinations are possible, including authentication at one level (S3S or S4S) and other combinations of the same or different security originator or security recipient names.

The actual MACs generated by the security originator are dependent on the values of the cryptographic keys corresponding to the key names KEY_ONE and KEY_TWO. The values of the cryptographic keys are known only to the security originator and the security recipient. Only the names of the keys are sent in the above interchange.

If encryption in the CBC mode was applied to the second transaction set in the example above in addition to authentication, the S4S segment would have the following appended to it immediately prior to encryption:

*KEY_THREE*20*192*8 octets of IV

and the TDS segment in the encrypted form only would be:

TDS*511100000008

where "00000008" is the padding (seven ASCII zeroes followed by a total length of padding of eight). This padding is removed after the decryption process.

Following encryption, the length of the ciphertext data is placed in the LOD field. For this example, if filtration is not used, the value placed in the LOD field is "192" consisting of the sum of the following:

- Length of encrypted IV (always eight)
- Length of plain text segments including segment terminator character (176). The count includes the segment terminator of the S4S segment (encrypted) but not the segment terminator of the TDS segment (not encrypted).
- Length of padding (eight, in this example)

If filtration is used, the LOD is the length of the filtered, encrypted text and thus not necessarily a multiple of eight octets. The hash at the transaction set level (in S4S01) is not affected by the encryption of the transaction set. The hash at the functional group level (in S3S01) would be affected since the computation is performed on the transaction set as enveloped, i.e., as both authenticated and encrypted.

X12.59 Implementation of EDI Structures - Semantic Impact

1. Purpose and Scope

While the X12 standards provide a clear distinction between the syntax of X12 structures and the semantics of transaction set usage, there are cases where the relative positioning of segments within those structures provides semantic information in their implementation.

The purpose of this standard is to describe the semantic relationships inherent in the implementation of those X12 structures:

- The meaning that is to be associated with data due to their positioning within the exchange of X12 information, and
- The data relationships that can be inferred from the data structure.

The clearest description of this issue arises from the definition of each individual transaction set. Syntax and semantic notes provide explicit rules to be followed in the creation (for the sender) and decoding (for the receiver) of any use (instance) of that transaction set.

This standard provides the rules inherent in the structure of X12 interchanges that govern such creation and decoding. These rules shall be considered part of the standard, to be followed in using a specific transaction set, unless superseded by syntax or semantic notes for that transaction set. Such rules, if any, that apply to structures at levels higher or lower than the transaction set level will be provided as well.

2. Referenced and Related Standards

This standard is used with the ASC X12 series of standards on electronic data interchange.

The following material is from The Internet Engineering Task Force (IETF®). The mission of the IETF is to make the Internet work better by producing high quality, relevant technical documents that influence the way people design, use, and manage the Internet.

The following verbatim text is from the cited document as noted immediately below.

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, DOI 10.17487/RFC2119, March 1997, <http://www.rfc-editor.org/info/rfc2119>.

Key words for use in RFCs to Indicate Requirement Levels

In many standards track documents several words are used to signify the requirements in the specification. These words are often capitalized. This document defines these words as they should be interpreted in IETF documents. Authors who follow these guidelines should incorporate this phrase near the beginning of their document:

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC 2119.

Note that the force of these words is modified by the requirement level of the document in which they are used.

1. **MUST This word, or the terms "REQUIRED" or "SHALL", mean that the definition is an absolute requirement of the specification.**
2. **MUST NOT This phrase, or the phrase "SHALL NOT", mean that the definition is an absolute prohibition of the specification.**
3. **SHOULD This word, or the adjective "RECOMMENDED", mean that there may exist valid reasons in particular circumstances to ignore a particular item, but the full implications must be understood and carefully weighed before choosing a different course.**
4. **SHOULD NOT This phrase, or the phrase "NOT RECOMMENDED", mean that there may exist valid reasons in particular circumstances when the particular behavior is acceptable or even useful, but the full implications should be understood and the case carefully weighed before implementing any behavior described with this label.**
5. **MAY This word, or the adjective "OPTIONAL", mean that an item is truly optional. One vendor may choose to include the item because a particular marketplace requires it or because the vendor feels that it enhances the product while another vendor may omit the same item. An implementation which does not include a particular option MUST be prepared to interoperate with another implementation which does include the option, though perhaps with reduced functionality. In the same vein an implementation which does include a particular option MUST be prepared to interoperate with another implementation which does not include the option (except, of course, for the feature the option provides.)**

3. Terms and Definitions

X12.5 Interchange Control Structures provides formal definition of terminology related to the interchange of information formatted as Electronic Data Interchange, as developed by ASC X12. X12.6 Application Control Structure provides formal definition of terminology related to the Electronic Data Interchange standards developed by ASC X12.

The following are terms and definitions for Semantic Structures:

ADDRESSING
"Addressing" is a term used to cover both the naming and semantic address of the logical or physical location of a person or position.

ADJACENT LEVEL
The term "adjacent" is used in a hierarchical sense. Two levels are adjacent to one another by reason of their relative positioning in the hierarchy of levels; one is at an immediately adjacent level to the other within the hierarchy.

AREA
An area is a distinct section of an X12 transaction set definition. The areas of a transaction set are "heading," "detail," and "summary."

BELONGING
The term "belonging" is used to identify the relationship of the data contents of a child structure to its parent structure. For example, line items are said to belong to an order.

CHILD
A child is a semantic entity that has meaning, in a transaction set instance, only through the parent structure to which it belongs. For example, an order line item has relevance only in the context of a total order.

DETAIL AREA
A detail area is any looping structure between the heading area and summary area of a transaction set. Detail areas encompass the actual body of the business transaction.

FUNCTIONAL EQUIVALENCE
Functional equivalence is the determination that the data contents of a segment or loop at one semantic level are meant to convey the same semantic intent as the data contents of a segment or loop at an adjacent level. For example, a line item ship-to address is functionally equivalent to a ship-to address in the order heading area. See the definition of PRECEDENCE below.

HEADING AREA
The heading area is an area at the beginning of a transaction set containing information pertaining to the entire transaction set.

INTERCHANGE
See X12.5 Interchange Control Structures.

NAMING
X12 uses naming structures to allow for the identification of a person or position. See ADDRESSING.

ORDER INDEPENDENCE
Order independence denotes a lack of any semantic significance in the order within the same semantic entity.

PARENT
A parent is a semantic entity that has a scope of applicability over at least one other semantic entity. For example, the data contents of the heading area of a purchase order are valid for all information in the order line items, barring precedence override.

PRECEDENCE
The term "precedence" describes a relationship among semantic levels such that, in the case of conflict between levels, the data contents at one level override (replace) the data contents of the other level. For example, if a line item ship-to address has precedence over a ship-to address in the heading area, it overrides the heading area address.

SEMANTIC ENTITY
A semantic entity is a segment or set of segments that, when taken together, convey meaning with the same scope of applicability. For example, the segments of a heading area of a purchase order provide the data contents that apply over the whole of that purchase order. Similarly, the scope of applicability of a GS segment is over the semantic entities included after it, up to and including its corresponding GE segment.

SEMANTIC ENTITY DEFINITION
The structure of a semantic entity, as published in a standards document, is its definition. The definition includes the sequence of data segments, their requirement for inclusion in any semantic entity instance, their maximum repeat counts, their placement within loops, and the requirement and repeat characteristics of such distinct loops. Segments may also be grouped in distinct areas (heading, detail, summary) to impart additional semantic significance.

SEMANTIC ENTITY INSTANCE
The data contents of a semantic entity, formatted in accordance with the rules of the semantic entity definition, comprises an instance of the semantic entity.

SEMANTIC LEVEL
The identification of semantic level is a designation allowing the description of a hierarchical relationship among semantic entities.

SEMANTICS
The term "semantics" typically pertains to the meaning of the information contained within a data structure, independent of the structure itself, such that the conversion from one structure to another would not change the meaning of the data. In this paper, the discussion focuses on what meaning can be inferred by the placement of information in the structure of EDI data.

SUMMARY AREA
The summary area is an area at the end of a transaction set containing information that addresses the results of summarizations of information in the detail area.

X12 STRUCTURE
An X12 structure is defined both in terms of its design (see SEMANTIC ENTITY DEFINITION) and its use (see SEMANTIC ENTITY INSTANCE). The design of an X12 structure is the sequencing of data elements within segments, and then, if applicable, the combination of segments in a sequence to make up a semantic entity. A use of an X12 structure is the formatting of specific data according to the structure's design, to convey a specific meaning.

4. Introduction

4.1 Syntax and Semantics in EDI Implementations

The terms "syntax" and "semantics," when used in the context of EDI implementations, refer to the structure and meaning of X12-formatted information, respectively.

- *Syntax is the structure of the data.* This includes establishing the method of encoding a piece of data by its attributes and identifying that data in the transfer, and is provided by the following aspects of the following X12 standards:
    - X12.6 Application Control Structure describes the basic structure of the components of an X12 functional group and provides the control segments used to bound loops of data segments, transaction sets, and groups of related transaction sets, and the special control segments used to bound transaction sets and groups of transaction sets for security purposes.
    - X12.3 Data Element Dictionary provides the attributes of type, minimum and maximum length, and if applicable, the relevant code list, of each data element that can be used in an X12 segment.
    - X12.22 Segment Directory provides the segment label, data elements within the segment (in sequence), requirements for use of each element, and syntax notes indicating relationships among data elements, if any.
    - Management transaction sets provide both the format and data content of transactions related to the interoperation of X12 systems. For example, the Functional Acknowledgment Transaction Set (997) describes the syntax-level acknowledgment of the receipt of an X12 functional group. Also, the Electronic Form Structure Transaction Set (868) describes the transfer of the EDI standards, or portions thereof, in electronic form.
    - All other transaction sets (defined as "business application" transaction sets) provide the structure of the segments to be used within each, including a heading area (Table 1, unless otherwise identified in the transaction set definition), detail area (Table 2), summary area (Table 3), looping structures within those areas (and nested within each other), and the segment sequence within the transaction set. In addition, each segment and loop is further defined in terms of requirement for use and maximum use.

- *Semantics relates to the meaning of the data transferred to the business application.* The meaning of X12 data is derived from the descriptions of the components of the standard used in a specific implementation and is provided by the following aspects of the following X12 standards:
    - X12.3 Data Element Dictionary provides the name and definition of each data element that can be used in an X12 segment, and if a code list is included, the description of each code. For ID data elements where the code list is maintained external to the X12 Secretariat, that external source provides the meaning of each code in the list.
    - X12.22 Segment Directory provides the name and definition of each segment that can be used in an X12 transaction set, as well as any semantic notes indicating relationships in the meaning of the use of one or more data elements in any one instance of the segment.
    - Business application transaction sets provide semantics in the name, description of purpose and scope, and transaction set notes and comments.

- *Additional control:* There are additional standardized components of the structure of X12 that control the distribution of X12 information through the enveloping of X12-formatted information, including:
    - X12.58 Security Structures defines the structures used for authentication and encryption of X12 transaction sets and functional groups.
    - X12.5 Interchange Control Structures provides the control structures for the electronic interchange of one or more functional groups.
    - X12.56 Interconnect Mailbag Control Structures defines the control segments used to bound a mailbag containing one or more X12 interchanges.

Taken together, the control components of X12 provide the structure in which the semantics of X12 can be exchanged between trading partners. The question to be addressed in this standard is whether the structure itself, by reason of the positioning of control information, provides any semantic content in the exchange of X12-formatted information.

The positioning of X12 control information is in terms of hierarchical levels of control, which will be described in detail in Section 5. For the purposes of highlighting the focus of this paper on the semantic content of any information provided at a particular control level, these levels will be referred to as "semantic levels." Of course, these semantic levels correspond to the hierarchy of the control levels.

4.2 Issues of Semantic Impact in X12 Syntax

This standard, therefore, will address the semantics implied by positioning within an EDI interchange. The document will address such issues as:

- **Scope of Applicability**
  For example, does the information content present in the heading area of a transaction set have any applicability to the detail area of the transaction set? (See example 2 in Section 6.1.)

- **Precedence of Areas**
  Assuming the answer to the previous question is "yes," how should a transaction set receiver treat the appearance of content in the detail area that is similar to content in the heading area? How can the receiver determine that such a "similarity" is intended? Does such information replace or add to the information content in the heading area? (See Section 6.3.)
- **Intra-interchange and Intra-group Relationships**
  Can a sender imply any relationship among transaction sets within the same functional group, or groups within the same interchange? (See Sections 5.1 and 5.2 for descriptive information, and example 1 in Section 6.2 for a review of the topic.)
- **Order of Segments**
  Is there any meaning in the order of segments within an area? Within a loop? (See example 3 in Section 6.2.)
- **Loops**
  What is the relationship among segments contained in an instance of a loop? (See example 2 in Section 6.2.)
- **The HL Segment**
  What is the meaning in the use of an HL segment to begin a loop? (See Section 5.6 for a description of the handling of loops beginning with the HL segment.)
- **Routing**
  What is the relationship, if any, between addressing information in the ISA and the GS? (See Section 6.4.)

This standard begins with definitions of the concepts and semantic relationships under discussion, followed by detailed descriptions of the rules governing those relationships. Examples are provided where applicable.

5. Semantic Levels of an EDI Interchange

The purpose in this section is to introduce the terms that are relevant to any discussion of the structure of an EDI interchange. A particular interest is to present these terms in such a way that the semantic relationship to their adjacent levels may be defined as well.

Items preceded by an asterisk under each section are the rules for the use of particular semantic levels that would have impact on their relationship to adjacent levels.

5.1 Interchanges Within a Logical Communications Exchange

Logical Communications Exchange
A logical communications exchange is any environment in which EDI information can be exchanged between trading partners in electronic format.

Interchanges
Each interchange between EDI trading partners occurs during a logical communications exchange. Each exchange includes the transfer of one or more EDI interchanges, possibly in both directions.

Each instance of a logical communications exchange shall be considered to be an external, enveloping structure of the interchanges that are transferred within that session. However, the semantic relationship between the interchanges and the logical communications exchange of which they are a part is beyond the scope of this standard.

5.2 Groups within an Interchange

Interchange Control Segments
Each interchange between EDI trading partners may contain interchange-level control segments related to prior interchanges. The only segment defined as an interchange control segment, which can be included within the interchange header and trailer, is the TA1, which references the acceptance or rejection of a prior envelope.

Functional Groups
Each interchange between EDI trading partners may contain functional groups. Each instance of a functional group applies to a specific business function, defined by the specific application to which it applies.

Each instance of an interchange shall be considered the parent structure of the interchange control segments and functional groups that are enclosed within the boundaries of that interchange. An interchange control segment is the parent structure of the data elements defined to be part of that segment.

5.3 Transaction Sets Within a Group

Transaction Set
Each functional group exchanged between EDI trading partners will contain one or more transaction sets. Each instance of a transaction set will identify a separate business transaction within the business function to which that group applies.

Each instance of a functional group shall be considered the parent structure of the transaction sets that are enclosed within the boundaries of that functional group.

5.4 Heading/Summary Areas of a Transaction Set

Areas
Most EDI transaction sets are designed so as to be divided into discrete "areas," which are typically identified in the transaction set definition by distinct tables of segments.

For example, the Price Sales Catalog Transaction Set (832) contains:

- A heading area, composed of reference information for the entire catalog
- A detail area, with individual line item information for each item in the catalog
- A summary area, containing a hash total count for the line items

The split of transaction sets into heading, detail, and summary areas is very common among EDI transaction set definitions. Unless otherwise defined in the publication of a transaction set definition, the heading, detail, and summary areas of a transaction set will be referred to as Tables 1, 2 and 3, respectively, excluding the transaction set header (ST) and trailer (SE) segments. Note that Table 2 would encompass multiple detail areas, if applicable.

The ST and SE segments are considered boundaries of the transaction set itself. However since these segments contain no semantic content (meaning) intended for the business application, they are part of the transaction set, but not part of any area in the transaction set.

Heading Area
Information in the heading area pertains to the entire transaction set:

- Every transaction set definition will have one and only one heading area, composed of at least one segment.
- At a minimum, the heading area of a transaction set definition typically contains data elements that identify each *instance* of a transaction set and its date. These elements are included to prevent replay of transaction set instances in a secure EDI environment.
- The use of any one segment in the heading area in any one *instance* of a transaction set is required only if the segment has been designated as "mandatory." If the transaction set definition does not include a mandatory segment in the heading area, then it is possible for one instance of the transaction set to have no heading area.
- The entire heading area comprises a segment group (see Section 5.6), which is not repeated.

Summary Area
Information in the summary area addresses the results of summarizations of information in the detail area (see the next section), or additional information about the entire transaction that cannot be expressed until the heading and detail areas have been generated. The summary area contains information such as control totals, balance totals, hash totals, etc.

- A summary area is not required in a transaction set *definition*.
- The use of any one segment in the summary area in any one instance of a transaction set is required only if (a) the summary area for the transaction set exists and (b) the segment has been designated as "mandatory" in that area.
- The entire summary area comprises a segment group, which is not repeated.

Each instance of a transaction set shall be considered the parent structure of the heading and summary areas that are enclosed within the boundaries of that transaction set.

5.5 Detail Areas of a Transaction Set

Detail Area
A detail area is any looping structure between the heading area and the summary area (or the SE, if no summary area exists). Detail areas encompass the actual body of the business transaction.

- There can be multiple detail areas in a transaction set definition.
- There is no requirement for a detail area in a transaction set definition.

- The use of any one detail area in any one transaction set instance is required only if the transaction set is designed to require at least one instance of the area.

Each instance of a transaction set, and the contents of its heading area, shall be considered the parent structure of any and all detail areas that follow the last segment of the heading area (or the ST segment if no heading area exists), and precede the first segment of the summary area (or the SE segment, if no summary area exists).

The summary area is NOT defined as a parent structure to the detail area.

5.6 Looping Structures Within an Area

Single Segment Repeat

Each segment in a transaction set is given an ordinal position assignment indicating its sequence within the transaction set relative to the other segments in that transaction set. Any individual segment may be repeated, in that same ordinal position, in a transaction set instance, if permitted by the transaction set design. However, the design should not allow repeat of the first segment in any loop (see below). If an individual segment is repeated in any one instance of a transaction set, and it is the first segment in a loop, a repeated occurrence of the segment indicates a new loop occurrence.

Segment Group

An ordered group of segments (more than one) within a transaction set is identified as a segment group. In the definition of a transaction set, segment groups are identified by the following: the entire transaction set; each area of the transaction set; the segments in an area not inside loops (see below) in that area; all of the segments of a loop or nested loop; and those segments in a loop not inside nested loops within that loop.

Loop

A segment group may be repeated in a transaction set instance, if permitted by the transaction set definition. Such an ordered group is called a loop. Note that each instance of a loop is a segment group.

Nested Loop

A loop may contain a loop. This condition is referred to as "nesting." In a transaction set definition, a loop whose first segment appears after the first segment of an immediately preceding loop, and whose last segment appears no later than the last segment of that preceding loop, is a nested loop within that preceding loop.

HL-initiated Loop

A looping structure in a transaction set definition may begin with an HL ("Hierarchical Level") data segment. When used in any transaction set instance, successive occurrences of the HL structure could indicate a parent-child relationship among the occurrences. The HL segment, therefore, allows the identification of an explicit nested loop in a transaction set. This nesting is not identified in the transaction set definition, but rather in the instance of the loop, in the data content in the HL segment. All semantic relationships that apply to nested loops will, then, apply equally to relationships between an HL-initiated parent loop and its HL-initiated child loops.

Loop Levels

For the purposes of this discussion, a loop which is nested within another loop is defined to be at a higher nesting level than the loop which nests it. The outermost loop is the lowest level loop; the innermost loop is the highest level loop.

- There are no limitations on the placement of loops. Looping structures may exist in any area of any transaction set.
- Transaction sets are defined to include a minimum number of occurrences of the loop. If the requirement designator of the loop's first segment is optional, the minimum number of occurrences of the loop is zero. If the requirement designator is mandatory, the minimum number of occurrences is one.
- Transaction sets are defined to include a specific maximum number of occurrences of the loop, or will be identified as having no maximum (>1).
- There is no limit to the level to which loops may be nested.

Each instance of an area shall be considered the parent structure of any looping structures enclosed within the boundaries (the first and last segments, per the transaction set definition) of that area.

Any loop that contains a nested loop shall be considered the parent structure of that nested loop.

5.7 Segments Within a Loop

Segments

Each instance of a loop (i.e., a segment group; note again that the header and summary areas are segment groups as well) contains one or more segments:

- Each segment within a loop structure is identified by its ordinal positioning within the complete transaction set definition. Each segment's order within the loop, relative to other segments within the loop, is defined by the sequential order of the ordinal positioning identifiers.
- The beginning segment of a loop defines an instance of a loop. For any instance of a transaction set, for any loop within any area of a transaction set, the first occurrence of the beginning segment of the loop (which must be present if any other segments in the loop are present) will identify the first instance of the loop, the second will identify the second instance, etc.

Each instance of a loop shall be considered the parent structure of any segments enclosed within the boundaries of that loop (the first and last segments, inclusive, of the loop, per the transaction set definition).

Each instance of a segment shall be considered the parent structure of any data elements used in that segment, as allowed by the segment definition.

5.8 Hierarchy of Semantic Levels

The following graph is a summary, hierarchical picture of the semantic levels outlined in the previous sections.

Note that "segment" has been identified as the bottom level, even though "data element" is certainly a level under segment. The semantic meaning of a data element or composite in relationship to the segment which contains it, and of data elements in relationship to a composite, is defined by X12.6, and will not be discussed further in this document.

Note also that the hierarchical flow of this graph applies equally to the cases of definition and instance of the standards. However, the level numbering in Figure 1 and the discussion about level numbering following it pertain to instances of EDI communications only.

Figure 5.1 - Semantic Levels in the Structure of EDI

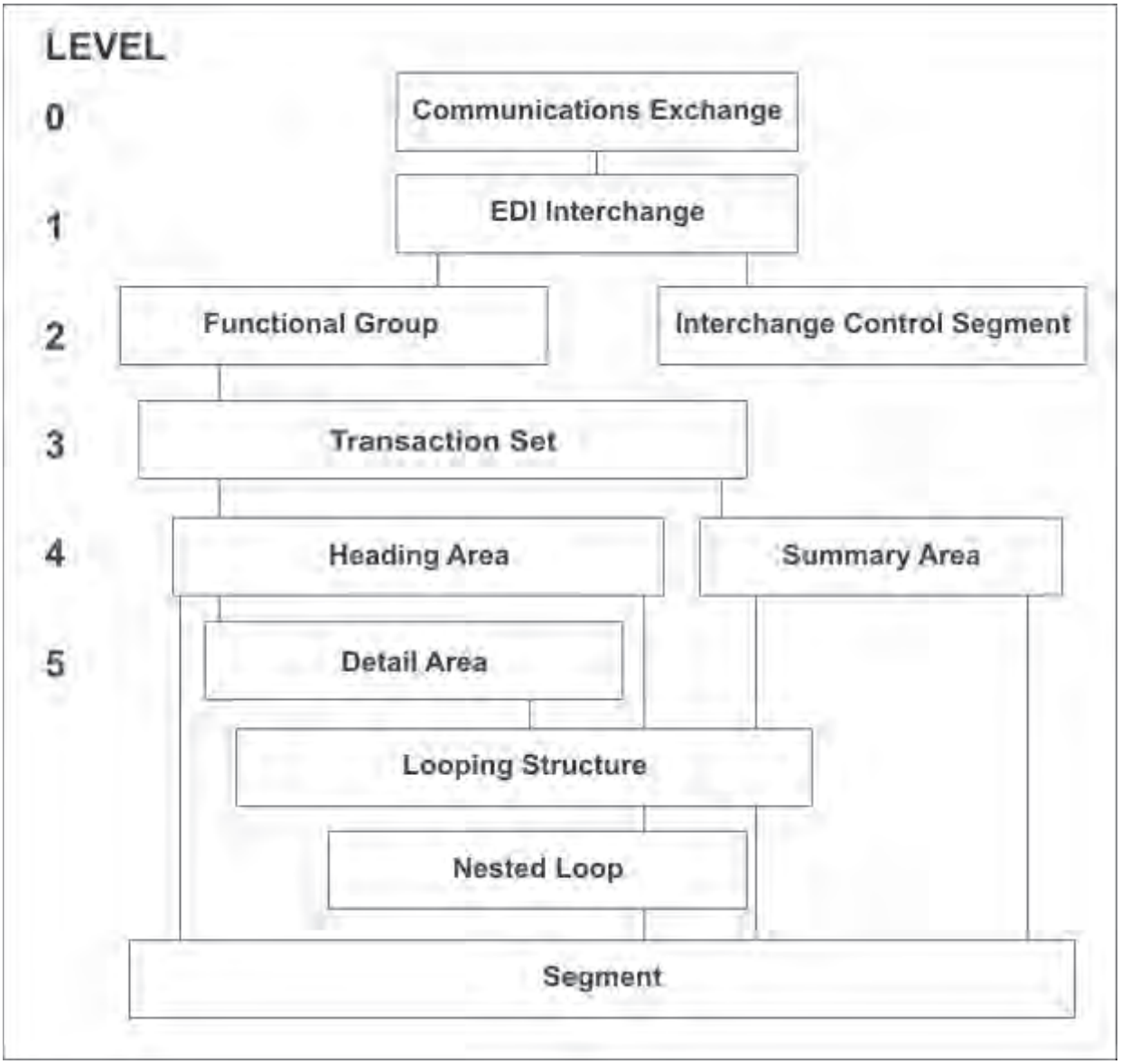


Figure 1 presents a level numbering system that is useful for the determination of parent-child and same-level relationships among semantic entities. Note that outermost layers are identified by lower numbers. While this may be counter-intuitive, it reflects the fact that there is no limit to the nesting of

loops at the innermost layers. So, the hierarchical level of the parent will be numerically lower than that of the child. To complete the numbering system, for any instance of a semantic entity within any one communications exchange, the following is noted:

- From levels 1 through 5, an instance of a semantic entity will be sub-indexed. For example, the first instance of an interchange within a communications exchange can be identified as entity 1.1, the second as 1.2, etc. (the ".1" an ".2" represent the sub-indexes). Similarly, the first instance of a detail area would be 5.1, the second 5.2, etc. Since only one heading area and one summary area are included in any transaction set, these levels are not sub-indexed.
- Below levels 4 and 5, instances of loops are identified by sub-indexing, within the semantic entity to which they belong, to the level at which they are nested. For example, the following level identifiers would pertain:

Figure 5.2 - Semantic Level Numbering Example

Level	Semantic Entity
4.1	**Heading Area**
	Beginning Segment(s)
4.1.1	Loop 1
	Loop 1 Segment(s)
4.1.2	Loop 2
	Loop 2 Segment(s)
5	**Detail Area**
5.1	Loop 1
	Loop 1 Single-Occurrence Segment(s)
5.1.1	Nested Loop 1
	Nested Loop 1 Segment(s)
5.1.2	Nested Loop 2
	Nested Loop 2 Segment(s)
5.2	Loop 2
	Loop 2 Single-Occurrence Segment(s)
5.2.1	Nested Loop 1
	Nested Loop 1 Segment(s)
5.2.2	Nested Loop 2
	Nested Loop 2 Segment(s)
4.2	**Summary Area**
	Summary Area Single-Occurrence Segment(s)
4.2.1	Loop 1
	Loop 1 Segment(s)

Note that, under this numbering scheme, level 4 is the combination of the header and summary areas, which are at the same level but distinct, so that any looping structure in one area is not a child structure to the other area.

The example leads to rules for identifying the hierarchical positioning among levels:

- If one semantic entity is a component of another, and the numerical value of the component entity's level is greater than that of the entity of which it is a component, the latter is a parent of the former. For example, each of the two semantic entities at level 4 (header and summary areas) will be a child of its corresponding semantic entity at level 3 (a transaction set). As another example, note that while the detail area (level 5) is a child of the header area at level 4.1, it is not a child of the summary area at level 4.2, because the detail area is considered a component of the header area, but not of the summary area.
- Two semantic entities are related in a parent-child structure if the numerical value of the subscripting of the two entities is the same, except that the latter has one more digit. For example, loop 5.1.1 is a child of loop 5.1. Conversely, loop 5.2.1 is not a child of loop 5.1.
- Two semantic entities are at the same level in an instance if they share the same subscripting up to the last digit. Thus, loops 5.1.1 and 5.1.2 above are at the same level. Conversely, note that there is no similar semantic level relationship between loops 5.1.1 and 5.2.1.

This, of course, does not apply to loops only. Two transaction sets in the same functional group would be identified as 3.1 and 3.2, for example, and therefore be at the same semantic level.

The discussion that follows identifies the rules governing the definition and instances of parent-child and same-level semantic entity relationships.

6. Relationships Between Semantic Levels

6.1 Belonging

The data contents of each parent structure are relevant to the data contents of the levels to which it is a parent. In this way, the instances of data content at one level belong to its parent structure.

EXAMPLES:

1. Inter-level Referencing

Each level in the EDI structure (other than the communications exchange; see the note above in describing that level) contains a unique referencing component between adjacent levels.

Interchange	Sender/Receiver Codes/IDs and Interchange Control Number
Functional Group	Sender/Receiver and Group Control Number
Transaction Set	Transaction Set Code and Control Number

Area	Table Designator
Loop	Loop Name
Segment	Segment Position Number

Each instance of data content at one level, therefore, can be referenced to its parent structure. Multiple instances at any one level, for the interchange, functional group, and transaction set levels, can be distinguished uniquely by their respective control numbers.

In addition, since the heading and summary areas can be uniquely identified within any one transaction set instance, their contents can share the unique reference of the transaction set.

However, in the case of multiple detail areas, and with respect to loops and segments, the transaction set *definition* must allow a means of uniquely identifying each instance. Examples are:

- The Payment Order/Remittance Advice Transaction Set (820) has two detail areas, which are distinguished by the loop names (ENT and TXP) that start each.
- The N1 loop starts with an N1 segment, the contents of which should be unique for every instance of its use.
- The LIN segment is often used to begin a detail area definition. This segment allows a unique "line item identification."

2. Transaction Set Areas
The definition of the heading area above has indicated that it maintains a scope of applicability over the entire detail area. A discount factor in the heading area would apply to each line item in the detail area. A discount factor for a specific line item in the detail area would apply to that line item only (note the issue on "functional equivalence" below).

6.2 Order Independence

There is no implied relationship among instances at the same level (two functional groups within the same envelope; two transaction sets within the same functional group, etc.).

Each instance of data content at one level is independent of any other instance of data content at the same level.

EXAMPLES:

1. Transaction Set Independence
Each transaction set instance in a functional group is a separate unit. The data contents in one cannot reference the data contents in another, except through explicit application data, such as a reference number. Such references are outside the scope of this standard.

2. Loop Independence
There is no semantic relationship implied in the order of instances of the same loop. Often, in the transmission of multiple detail line items, the sender would like to identify data content (e.g., a

discount factor) in the loop containing the first line item and have it apply to all subsequent line items. This is a violation of "order independence," since the data contents of the second loop are in no way referenced to the data contents of the first.

Note also that the standards are moot on the multiple use of "functionally equivalent" information in loop instances at the same level. For example, there is no specific prohibition for a sender to use the N1 loop twice, and identify a different "bill-to address" in each instance.

Such an occurrence may represent an error in the transaction, but it is also conceivable that there could be a trading partner agreement in which the duplication is understood. If a semantic note is provided that justifies such a duplication, the structure of any instance of the transaction set must reflect the meaning of the semantic note. Unless such an agreement is desirable, the transaction set definition should indicate semantic notes to eliminate or justify such conflicts.

3. Segment Independence in a Loop
All of the segments within a loop are semantically related to one another only in that they are of the same instance at the same level. However, there is no semantic content implied by the order of segments within the same level of a loop. Rearranging the order of segments within the same level does not alter the semantics.

This applies equally to the first segment in a loop, which is often assumed to have special meaning to the loop. This meaning must be explicitly stated in a semantic note to the transaction set for its meaning to be different from that of the other segments in the loop. The exception is when the loop begins with an HL segment, the content of which identifies the nesting level of each instance.

Note, though, that the first segment of a loop, however, is syntactically significant, in that its requirement designator determines the requirement of the loop, and it must be present if any other segments in the loop are present.

4. Multiple Detail Areas in the Transaction Set Definition
Each detail area shall be considered to be at the same semantic level. There is no precedence among detail areas.

6.3 "Functionally Equivalent Data" Override

When the data contents of a parent structure contain information that is perceived to be duplicated in the child structure, the data contents in the two areas are considered to be *functionally* equivalent. There are three distinct possibilities for an instance of functional equivalence.

Unqualified segment functional equivalence
In any transaction set instance, a segment will be considered functionally equivalent to a segment in its parent structure when:

- The two segments have the same segment identifier.
- No qualifier is required to identify the use of that segment uniquely.
- The maximum use of that particular segment is once in each structure.

Qualified segment functional equivalence
When the second requirement above is not the case (e.g., the N1 segment requires the "Entity ID

Code" to identify its use uniquely), the following set of conditions will identify a case of functional equivalence:

- The two segments have the same segment identifier.
- For that segment, a data element must exist that qualifies the entire segment.
- The two instances of the qualifying data element must be equal.
- The maximum use of that particular segment, with that particular qualifying data element, is once in each structure.

Loop functional equivalence
In order for an instance of a loop to be considered functionally equivalent to a loop in its parent structure, the following must be true:

- In the transaction set definition, each loop must have the same beginning segment..
- The instance of that loop in the child structure must begin with a segment that is functionally equivalent to the segment in the parent structure loop, whether qualified or unqualified.

Whenever functionally equivalent data are provided in a child structure instance, the data contents in the child structure will override (i.e., replace) the data contents in the parent structure. The over-ride is in effect for that child instance only.

Functional equivalence can be circumvented in a transaction set instance through the assignment of different code values in the (otherwise) functionally equivalent entities.

Also note, to generalize the point made earlier regarding loop ambiguity (see Section 6.2, example 2), that an instance of functionally equivalent data at the same level creates an ambiguity that cannot be resolved, except possibly by prior trading partner agreement.

EXAMPLES:

1. Heading and Detail Area "Contradiction"
The heading area often contains an N1 looping structure allowing for the identification of, for example, a delivery address to which all of the line items to be described in the detail area are to be delivered (i.e., "ship-to address").

If an N1 loop exists within the detail area, an instance of that loop may specify a delivery address different from that indicated in the heading area. In this case, the information content on that specific line item (to which that N1 loop applies) overrides the delivery address in the heading area. That is, the detail area ship-to address takes precedence.

There is one cautionary note about this example, however. Consider the following two segment instances:

N1*ST*.....
N1*BS*.....

The first of these indicates a "ship-to address" and the latter a "bill-to and ship-to address." The user might then assume that an occurrence of the second segment in a detail area would override an occurrence of the former in the heading area of the same transaction set.

This is NOT true in this case, however, because:

- A unique use of the N1 segment is identifiable only by both the N1 segment name and the first data element, the "Entity ID Code."
- The requirements for functional equivalence include equality in the use of the Entity ID Code, which is not the case here.

2. Summary and Detail Area "Contradiction"
By definition, information in the summary area is intended to summarize the information content in the detail area. As such, incompatibilities between the two areas would indicate an application-related error.

Further, information in the summary area has a semantically different relationship to the detail area from that in the heading area. That is, the scope of applicability of heading area information is on each of the line items (unless overridden at the line item level), while the scope of applicability of the summary area is on the totals derived from the detail area.

3. Heading and Summary Areas "Contradiction"
Therefore, there is no semantic contradiction (and thus there are no precedence rules) for seemingly "equivalent" information in the heading and summary areas. Any functional equivalencies between these two areas would represent an unacceptable transaction set definition.

6.4 Semantic Addressing

The first example in the previous section introduces a topic that is of considerable semantic importance in X12 transfers, that of naming and addressing.

- A *name* may be thought of as a label for a person or position (e.g., John F. Doe, President of XYZ Company, etc.). A name is independent of location.
- A *semantic address* is a set of attributes which usually describes the logical or physical location of the person or position. Examples are the traditional address on an envelope or a telephone number. Addresses are usually structured to provide sufficient information for identifying or locating the person or position (which may or may not be for routing purposes).

Much of the name and address information used in X12 is coded, with no distinction between a name and an address because the code encapsulates both. This standard, therefore, identifies name and semantic address information as a single concept, called *addressing*.

This section will identify and clarify the differences and relationships among four types of addressing within the structures of X12 transfers:

1. Business application
2. Internal identification
3. External routing
4. Data communications

6.4.1 Business Application Type—Within Transaction Sets

A number of different types of addressing can be transferred within instances of X12 transaction sets. Usually this information is provided in a segment group, frequently starting with the N1 data segment.

This segment group has provisions for qualifying the information to follow (e.g., "payer" or "ship-to address"), and a coded or full-text version of the addressing information itself. Through the qualifier, many different types of addressing may be provided, each serving a different business purpose.

All qualifications of business addressing are considered to be the same business application type, with no implied semantic relationship among different qualifications at the same instance level (note the N1 example in the section on functional equivalence).

However, semantic relationships can be inferred from qualifications at different levels. Each of the relationships among transaction set levels defined in the previous sections applies to business application addressing in the same way it applies to all other business information.

Business application information is conveyed from one business application to another (which may or may not be in the same organization).This business information is independent of the transfer method (e.g., printed matter, X12 transfer, voice calls to order entry clerks, etc.).

All business application addressing is included within the boundaries of a transaction set instance. There is no business application information in the addressing information at the functional group, interchange, or communications exchange level.

6.4.2 Internal Identification—Functional Group Level

Internal identification addressing information is carried as codes in the Application Sender's Code and the Application Receiver's Code control elements in the functional group header (GS segment). The values for these codes can be used for any routing internal to the organization, or any other identification purpose providing further information for trading partner record keeping.

There is no universal meaning to the data content of instances of those codes. For example, if an instance of the Application Receiver's Code contains the value "9876543", the internal identification could be a telephone number, a department (e.g., accounts payable), etc.

Because there is no universal meaning for these values, they can only be used for internal identification by the organization that understands their meaning. Meaning for particular values can be established by an individual organization, by trading partner agreements, or by industry groups.

Because of the internal nature of functional group addressing, there is no implied semantic relationship between instances of addressing at this level and that of the interchange and communications exchange levels (which are external routing levels).

Similarly, because this information has no universal meaning, there is no implied semantic relationship between instances of addressing at this level and that at the business application level (i.e., information within transaction sets).

Such relationships, if defined by trading partner agreements or by industry groups, would be outside the scope of the ASC X12 standards.

6.4.3 External Routing—EDI Interchange Level

Addressing information provided in the Interchange Sender ID and the Interchange Receiver ID of the Interchange Control Header (ISA control segment) is used for external routing.

In contrast to the functional group level, the values of instances of these control elements are qualified by the Interchange ID Qualified Code (e.g., a DUNS number, a phone number, the Standard Point Location Code, etc.). The values may then have universal meaning.

To restate the point in the previous section, addressing information provided at the EDI interchange level has no semantic relationship to addressing information at the functional group level.

Such a relationship, if defined by trading partner agreements or by industry groups, is outside the scope of ASC X12.

6.4.4 Data Communications—Communications Exchange Level

Addressing information in the interchange control header is usually not sufficient for delivery.

This information is typically mapped into a communications address for delivery, such as a modem telephone number, a CCITT X.121 address for a public data network, etc. This additional addressing information will depend on the particular data communications method being used.

Because of this close connection between the addressing at the data communications and interchange control levels, there is clearly a relationship that will have impact on proper processing (e.g., distribution, security, etc.).

For example, the receiver of an X12 logical communications exchange may determine that the interchange sender, as identified in the interchange level addressing information, is not authorized to send X12 information through the particular log-in channel that is (was) in use. This might be the case, for instance, when a VAN provides different log-in areas to indicate different distribution service levels.

Even so, such a relationship is not universal (since there are multiple, nonstandard mappings) and not part of the ASC X12 standards in any case. Therefore, there is no semantic content generated at the communications exchange level that is useful at any level inside the interchange.