



Department
of
Defense

DoD
Transportation
Electronic Business
(DTEB) Convention

ASC X12 Transaction Set 214
Shipment Information
(Version 004010) – Motor Carrier
Shipment Status

VERSION 5

April 2017



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CONTENTS

1.0 INTRODUCTION

2.0 CONTROL SEGMENTS

3.0 STANDARD IMPLEMENTATION CONVENTION

4.0 IC ELEMENT MATRIX

5.0 IC ELEMENTS IN EDI FORMAT

6.0 IC CODE LIST

7.0 RESERVED

8.0 RESERVED

9.0 RESERVED

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Section 1.0

INTRODUCTION

This implementation convention (IC) describes the standard or convention Department of Defense (DoD) will use to process the Motor Carrier Shipment Status Message (ASC ANSI 214) in support of the Defense Transportation Electronic Business (DTEB) program.

For further information about the DTEB program, to obtain DoD conventions or ASC X12 guidance or to recommend DoD conventions or ASC X12 maintenance, contact the following:

United States Transportation Command
TCJ6-CD
508 Scott Drive
Scott Air Force Base, IL 62225-7001

For the most recent publication, go to the World-Wide Web at

https://its.ustranscom.mil/cris/dteb/ic/trans_ics.cfm

[Note: To access the publication, you must have an Information Tool Suite (ITS) account.]

Who Needs to Use This Document

Computer programmers use this document to identify the data requirement for populating an EDI transaction.

Why Use a Convention

A convention defines the rules for populating an EDI transaction. Following a convention ensures that trading partners will encounter fewer data quality problems during development and maintenance of EDI systems.

Contents

Additional sections are included in this document.

- Section 2.0, Control Segments, identifies the specific data requirements for formatting the EDI interchange control segments that envelop all EDI transactions.
- Section 3.0, Standard Implementation Convention, lists the layout of the target transaction set by segment and data element. Identified along side each transaction set data element is the IC Element Matrix index number from Section 4.0.
- Section 4.0, IC Element Matrix, identifies the application data elements trading partners need to exchange. This section can be used to map an existing application database into the transaction set.
- Section 5.0 , when present, contains an example of the EDI transactions.
- Section 6.0, Application Code Lists, when present, identifies the DoD codes that trading partners need to exchange. This section augments the matrix presented in Section 4.0.
- Other sections contain examples of hard copy documents, examples of EDI transaction sets, segment looping logic tables, and other items that serve as references for software developers.

What's New In Version 5

Added in Version 5

DM Number	DM Description	Approval Date
1251	<p>In the L11 segment at index 21 change the segment condition note to read: "SEGMENT CONDITION: Carriers are encouraged to provide either status location, SPLC, Aerial Port, or postal code data where available. This segment may occur once per shipment status event (LX Loop)."</p> <p>In the L1101, DE127, at index 21-01 change DOD implementation note to read: "SPLC, Aerial Port, or Postal Code (DG110)"</p> <p>In the L1102, DE128, at index 21-02 add the following X12 codes and DOD implementation notes:</p> <p>Code value '4L - Location-specific Services Reference Number', DOD implementation note: "Use '4L' to denote International Civil Aviation Organization (ICAO) code of the location reported in the MS101 for events occurring at an airport"</p> <p>Code value 'ZZ – Mutually Defined', DOD implementation note: "Use 'ZZ' to denote International Air Transport Association (IATA) code of the location reported in the MS101 for events occurring at an airport"</p>	4/17/2017

Added in Version 4

DM Number	DM Description	Approval Date
1132	At index 18-02 in the AT702 add code 'BB - Held per Shipper' with usage note that reads "Use 'BB' to denote Vendor not Ready for Pickup. When used, AT701 must equal 'SD - Shipment"	3/25/2014
1123	At index 18-06, AT706, DE 337, change the DoD Recommended Attribute for min/max length from "4/4" to "4/8".	11/7/2013

Added in Version 3

DM Number	DM Description	Approval Date
1045	<p>In the AT701 at index 18-01 Shipment Status Code, add codes: A3Shipment returned to shipper A7Shipment refused by consignee</p> <p>In the AT702 at index 18-02 Shipment Status or Appointment Reason Code, add codes: BC Missing documents S1Delivery shortage</p>	5/7/2012

Added in Version 2

DM Number	DM Description	Approval Date
1029	Add a code to the 214A IC on L11 segment Data Reference L1102 data element 128 at index 3-02. This code would be "1O - Consolidation Shipment Number. Qualifies a single number that is a key to a group of individual shipment numbers.) -- Suggest a Usage NOTE: Use '1O' to denote Pallet ID.	2/27/2012

Added in Version 1

DM Number	DM Description	Approval Date
1013	SDDC/G9 has worked with the rail carriers, and have determined the need to add some additional 214 X12 standard codes to those already available within the IC. The rail carriers send event status codes in their Car Location Messages (CLM) that map to the above codes.	6/10/2011

Section 2.0

CONTROL SEGMENTS

Instruction

For detailed description of DoD data conventions for formatting Interchange Control and Functional Group segments for use among Defense Transportation Electronic Business (DTEB) trading partners refer to the DoD Transportation Electronic Business (DTEB) Convention, ASC X12 Control Segments (Version 004010), located at:

https://its.ustranscom.mil/cris/dteb/ic/trans_ics.cfm

[Note: To access publication, you must have an ITS account.]

Commercial Trading Partners and DoD personnel that do not hold an ITS account may view the Convention at:

<http://www.ustranscom.mil/cmd/associated/dteb/>

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Section 3.0

STANDARD IMPLEMENTATION CONVENTION

This section presents the DoD's convention for interpreting the Motor Carrier Shipment Status using the ASC X12.18 Transaction Set 214 Version 004010.

Symbols that appear in the Data Element Summary to the left of each segment reference designator (Ref. Des.) define implementation convention usage for the DoD. These designations may differ from X12 convention attributes appearing in the right-hand column of the Data Element Summary and should be interpreted as follows:

- [*blank*] - Segment or data element may be used optionally
- M - X12 standards designate mandatory use of segment or data element
- >> - Segment or data element is mandatory for DTEB use
- X - Segment or data element is not used.

NOTE: Whenever a segment occurs more than once, DoD's actual usage requirement may differ among the instances of segment usage. In all cases, the Data Element Summary will indicate the highest order DoD requirement. In other words, if one or several particular instances for a segment are OPTIONAL but another is MANDATORY, the Data Element Summary will indicate a MANDATORY requirement. A review of the IC layout in Section 4.0 will distinguish among the multiple instances and clarify the usage requirement for each instance.

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214 Transportation Carrier Shipment Status Message

Functional Group ID=QM

Introduction:

This Draft Standard for Trial Use 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.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M		1	
M	020	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M		1	
	030	L11	Business Instructions and Reference Number	O	300		
Not Used	035	MAN	Marks and Numbers	O	9999		
	040	K1	Remarks	O	10		
						LOOP ID - 0100	10
Must Use	050	N1	Name	O	1		
	060	N2	Additional Name Information	O	1		
	070	N3	Address Information	O	2		
Must Use	080	N4	Geographic Location	O	1		
Not Used	090	G61	Contact	O	1		
Not Used	100	G62	Date/Time	O	1		n1
	110	L11	Business Instructions and Reference Number	O	10		
	120	MS3	Interline Information	O	12		
						LOOP ID - 0200	999999
Must Use	130	LX	Assigned Number	O	1		
						LOOP ID - 0205	10
Must Use	140	AT7	Shipment Status Details	O	1		
	143	MS1	Equipment, Shipment, or Real Property Location	O	1		
	146	MS2	Equipment or Container Owner and Type	O	1		
	150	L11	Business Instructions and Reference Number	O	10		
Not Used	155	MAN	Marks and Numbers	O	9999		
	160	Q7	Lading Exception Code	O	10		
	170	K1	Remarks	O	10		
	180	AT5	Bill of Lading Handling Requirements	O	10		
	200	AT8	Shipment Weight, Packaging and Quantity Data	O	10		
						LOOP ID - 0210	999999
Not Used	210	CD3	Carton (Package) Detail	O	1		n2
Not Used	220	L11	Business Instructions and Reference Number	O	20		
						LOOP ID - 0215	10
Not Used	230	AT7	Shipment Status Details	O	1		
Not Used	233	MS1	Equipment, Shipment, or Real Property Location	O	1		
Not Used	236	MS2	Equipment or Container Owner and Type	O	1		
Not Used	240	NM1	Individual or Organizational Name	O	1		

Not Used	250	Q7	Lading Exception Code	O	10
Not Used	260	AT8	Shipment Weight, Packaging and Quantity Data	O	1
Not Used	265	MAN	Marks and Numbers	O	9999
LOOP ID - 0220					999999
Not Used	270	N1	Name	O	1
Not Used	280	N2	Additional Name Information	O	1
Not Used	290	N3	Address Information	O	3
Not Used	300	N4	Geographic Location	O	1
Not Used	310	L11	Business Instructions and Reference Number	O	10
LOOP ID - 0230					999999
Not Used	320	PRF	Purchase Order Reference	O	1
LOOP ID - 0231					999999
Not Used	330	N1	Name	O	1
Not Used	340	N2	Additional Name Information	O	1
Not Used	350	N3	Address Information	O	2
Not Used	360	N4	Geographic Location	O	1
Not Used	370	L11	Business Instructions and Reference Number	O	10
LOOP ID - 0233					999999
Not Used	380	CD3	Carton (Package) Detail	O	1
Not Used	390	L11	Business Instructions and Reference Number	O	20
LOOP ID - 0240					10
Not Used	400	AT7	Shipment Status Details	O	1
Not Used	402	MS1	Equipment, Shipment, or Real Property Location	O	1
Not Used	404	MS2	Equipment or Container Owner and Type	O	1
Not Used	405	MAN	Marks and Numbers	O	9999
LOOP ID - 0250					999999
Not Used	410	SPO	Shipment Purchase Order Detail	O	1
Not Used	420	SDQ	Destination Quantity	O	10
LOOP ID - 0260					>1
Not Used	423	EFI	Electronic Format Identification	O	1
Not Used	426	BIN	Binary Data	M	1
M	610	SE	Transaction Set Trailer	M	1

Transaction Set Notes

1. Status and appointment dates and times shall not be transmitted in the G62 segment.
2. Loops 0210, 0215 and 0220 shall be used in conjunction with loop 0200 to convey status for small package carrier shipments.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 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).
Comments:
Business Rules: Variable Name: STST
Notes: [1] ST SEGMENT - Motor Carrier Shipment Status Header (DG 10)

Data Element Summary

Ref.	Data Element	Name	Attributes
M	ST01	143 Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set	
		[1-01] Transaction Set Identifier Code (DG 10)	
		214 Transportation Carrier Shipment Status Message	
		[1-01] Transportation Carrier Shipment Status Message	
M	ST02	329 Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
		[1-02] Transaction Set Control Number (DG 10)	
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set. The application and structure of the control number must be agreed upon between trading partners. (For example, some applications use all nine digits where the first five might indicate a group control number and the last four represent the sequence of the transaction set within the functional group. Also, the entire nine digit field may simply represent the sequence of the transaction set generated by a trading partner.)	

Segment: **B10** Beginning Segment for Transportation Carrier Shipment Status Message
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers and other basic data relating to the transaction set
Syntax Notes:

- 1 At least one of B1001 or B1006 is required.
- 2 Only one of B1001 or B1005 may be present.
- 3 If either B1005 or B1006 is present, then the other is required.

Semantic Notes:

- 1 B1001 is the carrier assigned reference number.
- 2 B1007 indicates if the reference numbers included in this transmission were transmitted to the carrier via EDI or key entered by the carrier. A "Y" indicates that the carrier received the reference numbers in an EDI transmission; an "N" indicates that the carrier did not receive the reference numbers in an EDI transmission and key entered the data from a shipper supplied document.

Comments:

- 1 B1001 is the carrier's PRO (invoice number) that identifies the shipment.
- 2 B1003 is required when used in Transaction Set 214.
- 3 B1006 is the carrier assigned bar code identification or another carrier assigned shipment identification, such as a manifest number.

Notes: [2] B10 SEGMENT - Carrier Shipment ID (DG 10)

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
		127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier [2-01] Carrier Shipment ID (DG 10) ELEMENT CONDITION: Use of either B1001 or B1006 is MANDATORY. Only the carrier's PRO number will appear in B1001. Use B1006 if shipment is identified by air or rail waybill number.	
>>	B1002	145	Shipment Identification Number	O AN 1/30
			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) [2-02] Government Shipment ID (DG 10) In this data element, enter the Shipment ID generated by the shipper. This must be either a bill of lading number or a TCN (Transportation Control Number). If you enter a TCN here, you must create a separate 214 for each TCN included on a single bill of lading or shipment. If separate TCNs included on a single bill of lading are being delivered to different locations, you must use the TCN (not the bill of lading number) in this data element	
M	B1003	140	Standard Carrier Alpha Code	M ID 2/4
			Standard Carrier Alpha Code [2-03] Standard Carrier Alpha Code (DG 10) SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.	
X	B1004	71	Inquiry Request Number	O N0 1/3
	B1005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification [2-05] Reference Identification Qualifier (DG 10) ELEMENT CONDITION: Required if B1006 is used.	
			AW Air Waybill Number [2-05] Air Waybill Number	
			WY Waybill Number [2-05] Waybill Number	

B1006 **127** **Reference Identification** **X AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

[2-06] Reference Identification (DG 10)

ELEMENT CONDITION: Use of either B1001 or B1006 is MANDATORY.

Only the carrier's air or rail waybill number will appear in B1006. Use B1001 if shipment is identified by a carrier's PRO number.

X **B1007** **1073** **Yes/No Condition or Response Code** **O ID 1/1**

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment: **L11 Business Instructions and Reference Number**
Position: 030
Loop:
Level: Heading
Usage: Optional
Max Use: 300
Purpose: To specify instructions in this business relationship or a reference number
Syntax Notes:

- 1 At least one of L1101 or L1103 is required.
- 2 If either L1101 or L1102 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

[3] L11 SEGMENT - Additional Shipment Identifiers (DG 10)
 SEGMENT CONDITION: Use this segment to report identifying numbers in addition to the shipment ID.
 [4] L11 SEGMENT - Commodity Code (DG 10)
 SEGMENT CONDITION: Use to report shipment commodity code if available. If multiple commodity codes apply, use this segment to identify one commodity code (prevailing or lead commodity for shipment, pallet, or container).

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
>>	L1101	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		[3-01] Additional Shipment Identifier (DG 10)	
		[4-01] Commodity Identification (DG 10)	
>>	L1102	128 Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	
		[3-02] Additional Shipment Identifier Qualifier (DG 10)	
		CHANGE NOTE: Code value '18' added and code value 'BL' removed per DM 784.	
		[4-02] Commodity Identification Qualifier (DG 10)	
		18 Plan Number	
		The unique identification number assigned for a defined contribution plan	
		[3-02] Plan Number	
		Use '18' to denote Transportation Tracking Number	
		10 Consolidation Shipment Number	
		Qualifies a single number that is a key to a group of individual shipment numbers	
		[3-02] Consolidation Shipment Number	
		Use '10' to denote Pallet ID	
		CHANGE NOTE: Code added per DM 1029	
		BM Bill of Lading Number	
		[3-02] Bill of Lading Number	
		Use 'BM' to denote Commercial Bill of Lading as well as Government Bill of Lading	
		C7 Contract Line Item Number	
		[3-02] Contract Line Item Number	
		CH Customer catalog number	
		[4-02] Customer Catalog Number	
		CT Contract Number	
		[3-02] Contract Number	
		PG Product Group	
		[4-02] Product Group	

PO	Purchase Order Number
	[3-02] Purchase Order Number
RQ	Purchase Requisition Number
	[3-02] Purchase Requisition Number
STR	Standard Transportation Commodity Code (STCC) Replacement Code
	[4-02] Standard Transportation Commodity Code (STCC) Replacement Code
TG	Transportation Control Number (TCN)
	[3-02] Transportation Control Number (TCN)

L1103 **352** **Description** **X** **AN 1/80**

A free-form description to clarify the related data elements and their content

[4-03] Description (DG 10)

Segment: **K1** Remarks
Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To transmit information in a free-form format for comment or special instruction
Syntax Notes:
Semantic Notes:
Comments:
Notes: [5] K1 SEGMENT - Additional Carrier Information (DG 10)
 SEGMENT CONDITION: Use when Additional Carrier Information applies.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	K101	61	Free-Form Message Free-form information [5-01] Free-Form Message (DG 10)	M AN 1/30
	K102	61	Free-Form Message Free-form information [5-02] Free-Form Message (DG 10)	O AN 1/30

Segment: **N1** Name
Position: 050
Loop: 0100 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 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.
 2 N105 and N106 further define the type of entity in N101.
Notes:

[6] N1 SEGMENT - Consignee Identification (DG 70)
 Carriers are encouraged to provide the consignee clear text name (N102), consignee identification code (N103 + N104), consignee address information in the N3 segment, and consignee geographic location information in the N4 segment. If the carrier is unable to provide the consignee identification code, it must provide the clear text name (N102), address (N3), and geographic location information (N4).
 [10] N1 SEGMENT - Shipper Identifier (DG 71)
 Carriers are encouraged to provide the shipper clear text name (N102), shipper identification code (N103 + N104), shipper address information in the N3 segment, and shipper geographic location information in the N4 segment. If the carrier is unable to provide the shipper identification code, it must provide the clear text name (N102), address (N3), and geographic location information (N4).
 [15] N1 SEGMENT - Party Who Signed Delivery Receipt (DG 71)
 SEGMENT CONDITION: Use when Party Who Signed Delivery Receipt applies.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		[6-01] Consignee Identifier Code (DG 70)	
		[10-01] Shipper Identifier Code (DG 71)	
		[15-01] Party Who Signed Delivery Receipt Code (DG 71)	
		CN Consignee	
		[6-01] Consignee	
		N5 Party Who Signed the Delivery Receipt	
		[15-01] Party Who Signed the Delivery Receipt	
		SH Shipper	
		[10-01] Shipper	
>>	N102	93 Name	X AN 1/60
		Free-form name	
		[6-02] Consignee Name (DG 70)	
		ELEMENT CONDITION: Carriers are encouraged to provide this data if it is available. It must be provided if an Identification Code is not provided at N103 and N104.	
		[10-02] Shipper Name (DG 71)	
		ELEMENT CONDITION: Carriers are encouraged to provide this data if it is available. It must be provided if an Identification Code is not provided at N103 and N104.	
		[15-02] Party Who Signed Delivery Receipt (DG 71)	
		Required to satisfy syntax.	

	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			[6-03] Identification Code Qualifier (DG 70) ELEMENT CONDITION: Required if N104 is used.	
			[10-03] Identification Code Qualifier (DG 71) ELEMENT CONDITION: Required if N104 is used.	
		1	D-U-N-S Number, Dun & Bradstreet	
			[6-03] D-U-N-S Number, Dun & Bradstreet	
			[10-03] D-U-N-S Number, Dun & Bradstreet	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			[6-03] D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			[10-03] D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10	Department of Defense Activity Address Code (DODAAC)	
			[6-03] Department of Defense Activity Address Code (DODAAC)	
			[10-03] Department of Defense Activity Address Code (DODAAC)	
		27	Government Bill Of Lading Office Code (GBLOC)	
			[6-03] Government Bill Of Lading Office Code (GBLOC)	
			[10-03] Government Bill Of Lading Office Code (GBLOC)	
		33	Commercial and Government Entity (CAGE)	
			[6-03] Commercial and Government Entity (CAGE)	
			[10-03] Commercial and Government Entity (CAGE)	
	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
			[6-04] Consignee DODAAC/GBLOC/CAGE/D-U-N-S/D-U-N-S+4 (DG 70) ELEMENT CONDITION: Carriers are encouraged to provide this data if it is available. It must be provided if identification is not provided at N102.	
			[10-04] Shipper DODAAC/GBLOC/CAGE/D-U-N-S/D-U-N-S+4 (DG 71) ELEMENT CONDITION: Carriers are encouraged to provide this data if it is available. It must be provided if identification is not provided at N102.	
X	N105	706	Entity Relationship Code	O ID 2/2
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	N106	98	Entity Identifier Code	O ID 2/3
			Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: N2 Additional Name Information
Position: 060
Loop: 0100 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Notes: [7] N2 SEGMENT - Consignee Additional Name (DG 70)
 SEGMENT CONDITION: Use when Consignee Additional Name applies.
 [11] N2 SEGMENT - Shipper Additional Name (DG 71)
 SEGMENT CONDITION: Use when Shipper Additional Name applies.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N201	93	Name Free-form name [7-01] Consignee Additional Name (DG 70) [11-01] Shipper Additional Name (DG 71)	M AN 1/60
X	N202	93	Name	O AN 1/60

Segment: N3 Address Information
Position: 070
Loop: 0100 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

[8] N3 SEGMENT - Consignee Address Information (DG 70)
 SEGMENT CONDITION: Use when Consignee Address Information Applies.
 [12] N3 SEGMENT - Shipper Address Information (DG 71)
 SEGMENT CONDITION: Use when Shipper Address Information applies.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information	M AN 1/55
			Address information	
			[8-01] Consignee Address Information (DG 70)	
			[12-01] Shipper Address Information (DG 71)	
X	N302	166	Address Information	O AN 1/55

Segment: **N4 Geographic Location**
Position: 080
Loop: 0100 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes: [9] N4 SEGMENT - Consignee Geographic Location Information (DG 70)
 If shipment is to a location other than the U.S. or Canada, carrier must provide the Consignee City Name (N401) and Consignee Country Code (N404). If shipment is to a location within the U.S. or to Canada, carrier must provide either the Consignee City Name (N401) and Consignee City/Province Code (N403) or the Consignee SPLC Qualifier (N405) and Consignee SPLC (N406).
 [13] N4 SEGMENT - Shipper Geographic Location Information (DG 71)

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name [9-01] Consignee City Name (DG 70) ELEMENT CONDITION: MANDATORY for all shipments to locations other than the U.S. and Canada. It is also MANDATORY for shipments within the U.S. and to Canada if SPLC is not provided in N405 and N406. [13-01] Shipper City Name (DG 71) ELEMENT CONDITION: MANDATORY for all shipments that originate outside the U.S. and Canada. It is also MANDATORY for shipments that originate within the U.S. and Canada if SPLC is not provided in N405 and N406.	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency [9-02] Consignee State or Province Code (DG 70) ELEMENT CONDITION: MANDATORY for shipments to a U.S. or Canadian Province consignee if SPLC is not provided in N405 and N406. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center [13-02] Shipper State or Province Code (DG 71) ELEMENT CONDITION: MANDATORY for all shipments that originate within the U.S. or Canada if SPLC is not provided in N405 and N406. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) [9-03] Consignee Zip/Postal Code (DG 70) SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents [13-03] Shipper Zip/Postal Code (DG 71) SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents	O ID 3/15

N404	26	<p>Country Code O ID 2/3</p> <p>Code identifying the country</p> <p>[9-04] Consignee Country Code (DG 70) ELEMENT CONDITION: MANDATORY for all shipments to a location outside the U.S. or Canada. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.</p> <p>[13-04] Shipper Country Code (DG 71) ELEMENT CONDITION: MANDATORY for all shipments that originate at a location outside the U.S. or Canada. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.</p>
N405	309	<p>Location Qualifier X ID 1/2</p> <p>Code identifying type of location</p> <p>[9-05] Consignee SPLC Qualifier (DG 70) ELEMENT CONDITION: Required if N406 is used. SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)</p> <p>[13-05] Shipper SPLC Qualifier (DG 71) ELEMENT CONDITION: Required if N406 is used. SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)</p> <p style="margin-left: 40px;">SL U.S. SPLC</p> <p style="margin-left: 80px;">[9-05] U.S. SPLC</p> <p style="margin-left: 80px;">[13-05] U.S. SPLC</p>
N406	310	<p>Location Identifier O AN 1/30</p> <p>Code which identifies a specific location</p> <p>[9-06] Consignee SPLC (DG 70) ELEMENT CONDITION: Carriers are encouraged to provide this data on shipments to locations within the U.S. and Canada.</p> <p>[13-06] Shipper SPLC (DG 71) ELEMENT CONDITION: Carriers are encouraged to provide this data on shipments from locations within the U.S. and Canada.</p>

Segment: **L11 Business Instructions and Reference Number**

Position: 110

Loop: 0100 Optional (Must Use)

Level: Heading

Usage: Optional

Max Use: 10

Purpose: To specify instructions in this business relationship or a reference number

Syntax Notes: 1 At least one of L1101 or L1103 is required.

2 If either L1101 or L1102 is present, then the other is required.

Semantic Notes:

Comments:

Notes: [14] L11 SEGMENT - Internal Customer Number (DG 71)
 SEGMENT CONDITION: Use this segment to report carrier's internal customer account number.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>>	L1101	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		[14-01] Internal Customer Number (DG 71)	
>>	L1102	128 Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	
		[14-02] Internal Customer Number Qualifier (DG 71)	
		IT Internal Customer Number	
		[14-02] Internal Customer Number	
X	L1103	352 Description	X AN 1/80

Segment: **MS3** **Interline Information**
Position: 120
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To identify the interline carrier and relevant data
Syntax Notes: 1 If MS305 is present, then MS303 is required.
Semantic Notes: 1 MS301 is the Standard Carrier Alpha Code (SCAC) of the interline carrier.
 2 MS303 is the city where the interline was performed.
Comments:
Notes:

[16] MS3 SEGMENT - LTL Interline Information (DG 10)
 SEGMENT CONDITION: This segment is required if the LTL carrier can provide the interline information. The carrier currently reporting status will provide the entire routing sequence up to and including the time at which it reports status. For example, it needs to list all the carriers that handled the shipment along the route.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	MS301	140	Standard Carrier Alpha Code Standard Carrier Alpha Code [16-01] Standard Carrier Alpha Code (DG 10) SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.	M ID 2/4
M	MS302	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement [16-02] Routing Sequence Code (DG 10)	M ID 1/2
			1 1st Carrier after Origin Carrier [16-02] 1st Carrier after Origin Carrier	
			2 2nd Carrier after Origin Carrier [16-02] 2nd Carrier after Origin Carrier	
			3 3rd Carrier after Origin Carrier [16-02] 3rd Carrier after Origin Carrier	
			B Origin/Delivery Carrier (Any Mode) [16-02] Origin/Delivery Carrier (Any Mode)	
			O Origin Carrier (Air, Motor, or Ocean) [16-02] Origin Carrier (Air, Motor, or Ocean)	
	MS303	19	City Name Free-form text for city name [16-03] City Name (DG 10) ELEMENT CONDITION: Provide city name or rail head of interline transfer point where identified carrier receives shipment, if available.	X AN 2/30
	MS304	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment [16-04] Transportation Method/Type Code (DG 10) Refer to X12 Standards, Version 4010, DE 91 for applicable code values.	O ID 1/2
			6 Military Official Mail [16-04] Military Official Mail	
			7 Mail Type of transportation provided by the U.S. Postal Service [16-04] Mail	

A	Air [16-04] Air
AC	Air Charter [16-04] Air Charter
AE	Air Express [16-04] Air Express
AF	Air Freight [16-04] Air Freight
AH	Air Taxi FAA approved carrier utilizing a 1 or 2 engine aircraft for on demand service [16-04] Air Taxi
AR	Armed Forces Courier Service (ARFCOS) A military organization whose mission involves the receipt, movement, and delivery of special categories of material [16-04] Armed Forces Courier Service (ARFCOS)
B	Barge [16-04] Barge
BP	Book Postal [16-04] Book Postal
BU	Bus [16-04] Bus
C	Consolidation [16-04] Consolidation
CE	Customer Pickup / Customer's Expense [16-04] Customer Pickup / Customer's Expense
D	Parcel Post [16-04] Parcel Post
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) [16-04] Driveaway Service
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 [16-04] Driveaway, Truckaway, Towaway
E	Expedited Truck [16-04] Expedited Truck
ED	European or Pacific Distribution System Military operated logistic distribution system within the indicated theaters of operation [16-04] European or Pacific Distribution System

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 [16-04] Flyaway
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" [16-04] Air Freight Forwarder
FL	Motor (Flatbed) [16-04] 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 [16-04] Geographic Receiving/Shipping
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 [16-04] Geographic Receiving
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 [16-04] Geographic Shipping
H	Customer Pickup [16-04] Customer Pickup
HH	Household Goods Truck [16-04] Household Goods Truck
I	Common Irregular Carrier [16-04] Common Irregular Carrier
J	Motor [16-04] Motor
K	Backhaul [16-04] Backhaul
L	Contract Carrier [16-04] Contract Carrier
LA	Logair Air Force long-term contract airlift service within the continental United States for the movement of cargo in support of the logistics systems of the Military Services and Defense Agencies [16-04] Logair
LT	Less Than Trailer Load (LTL) [16-04] Less Than Trailer Load (LTL)
M	Motor (Common Carrier) [16-04] Motor (Common Carrier)

MB	Motor (Bulk Carrier) [16-04] Motor (Bulk Carrier)
MP	Motor (Package Carrier) [16-04] Motor (Package Carrier)
N	Private Vessel [16-04] Private Vessel
O	Containerized Ocean [16-04] Containerized Ocean
P	Private Carrier [16-04] Private Carrier
PA	Pooled Air Outbound shipment from an airport consolidation point to a final destination via an air move [16-04] Pooled Air
PG	Pooled Piggyback Outbound shipment consisting of a trailer on a railcar from a consolidation point to a final destination via rail move [16-04] Pooled Piggyback
PL	Pipeline [16-04] Pipeline
PP	Pool to Pool Shipment moves from one consolidation point to another consolidation point before final delivery [16-04] Pool to Pool
PR	Pooled Rail [16-04] Pooled Rail
PT	Pooled Truck [16-04] Pooled Truck
Q	Conventional Ocean [16-04] Conventional Ocean
R	Rail [16-04] Rail
RC	Rail, Less than Carload Movement by rail of a quantity of freight less than that required for the application of a carload rate [16-04] Rail, Less than Carload
RR	Roadrailer Used for shipments that travel by roadrailer, i.e., a multimodal rail/highway trailer [16-04] Roadrailer
S	Ocean [16-04] Ocean
SB	Shipper Agent Agent for piggyback code consolidation [16-04] Shipper Agent
SC	Shipper Agent (Truck) Motor carrier agent for piggyback trailer consolidators [16-04] Shipper Agent (Truck)

SD	Shipper Association Non-profit cooperative consolidator or distributors of shipments by member firms [16-04] Shipper Association
SE	Sea/Air [16-04] Sea/Air
SR	Supplier Truck [16-04] Supplier Truck
SS	Steamship [16-04] Steamship
ST	Stack Train [16-04] Stack Train
T	Best Way (Shippers Option) [16-04] Best Way (Shippers Option)
TA	Towaway Service Movement of shipper owned trailers or semi-trailers loaded and/or pulled by carrier furnished power unit [16-04] Towaway Service
TC	Cab (Taxi) [16-04] Cab (Taxi)
TT	Tank Truck [16-04] Tank Truck
U	Private Parcel Service [16-04] Private Parcel Service
VA	Motor (Van) [16-04] Motor (Van)
VE	Vessel, Ocean [16-04] Vessel, Ocean
VL	Vessel, Lake [16-04] Vessel, Lake
W	Inland Waterway [16-04] Inland Waterway
WP	Water or Pipeline Intermodal Movement A water move by barge or tanker followed by a pipeline move to the destination [16-04] Water or Pipeline Intermodal Movement
X	Intermodal (Piggyback) [16-04] 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 [16-04] Military Intratheater Airlift Service
Y1	Ocean Conference Carrier [16-04] Ocean Conference Carrier
Y2	Ocean Non-Conference Carrier [16-04] Ocean Non-Conference Carrier
ZZ	Mutually defined [16-04] Mutually defined

MS305

156

State or Province Code

O ID 2/2

Code (Standard State/Province) as defined by appropriate government agency

[16-05] State or Province Code (DG 10)

ELEMENT CONDITION: Provide this data if available.

SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center

Segment: **LX** Assigned Number
Position: 130
Loop: 0200 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:
Notes:

[17] LX SEGMENT - Shipment Status Event Loop (DG 100)
 At least one occurrence of the LX loop needs to appear. Repeat the LX loop for each shipment status event. Upon reporting pickup status, the carrier is encouraged to report estimated delivery date. This calls for the carrier to generate two LX loops, one for each status event.

For Defense Transportation Coordination Initiative (DTCI) shipments, when reporting a shipment delayed (SD) status, provide an additional LX loop containing a revised estimated delivery date in the AT7 segment.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<u>Des.</u> LX01	<u>Element</u> 554 Assigned Number	M N0 1/6
		Number assigned for differentiation within a transaction set	
		[17-01] Assigned Number (DG 100) This is a sequential number starting with one and incrementing by one for every occurrence of the LX segment.	

Segment: **AT7** Shipment Status Details

Position: 140

Loop: 0205 Optional (Must Use)

Level: Heading

Usage: Optional (Must Use)

Max Use: 1

Purpose: 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.

- Syntax Notes:**
- 1 Only one of AT701 or AT703 may be present.
 - 2 If either AT701 or AT702 is present, then the other is required.
 - 3 If either AT703 or AT704 is present, then the other is required.
 - 4 If AT706 is present, then AT705 is required.
 - 5 If AT707 is present, then AT706 is required.

- Semantic Notes:**
- 1 If AT701 is present, AT705 is the date the status occurred. If AT703 is present, AT705 is a date related to an appointment.
If AT701 is present, AT706 is the time of the status. If AT703 is present, AT706 is the time of the appointment.
 - 2 If AT707 is not present then AT706 represents local time of the status.

Comments:

Notes: [18] AT7 SEGMENT - Shipment Status (DG 110)
Use one occurrence of the AT7 loop per LX loop.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>>	<u>Des.</u> AT701	<u>Element</u> 1650 Shipment Status Code	X ID 2/2

Code indicating the status of a shipment

[18-01] Shipment Status Code (DG 110)

EXPLANATION OF CODE USAGE: For shipments that don't experience any other status event identified in this code list during a 24 hour period, carriers are requested, if able, to report En Route to Delivery Location status (code value 'X6'). When using shipment status code value 'X6', report the location of the shipment using the MS1 segment by either the city name/state/country code or longitude/latitude codes.

For Defense Transportation Coordination Initiative (DCTI) shipments, in which the coordinator has reported a shipment delay, use code value 'X2' (Estimated Date and/or Time of Arrival at Consignee's Location) when including an additional AT7 segment with a revised estimated delivery date.

A3	Shipment Returned to Shipper [18-01] Shipment returned to shipper
A7	Refused by Consignee [18-01] Refused by Consignee Use 'A7' to denote Shipment refused by consignee
A9	Shipment Damaged [18-01] Shipment Damaged
AF	Carrier Departed Pick-up Location with Shipment [18-01] Carrier Departed Pick-up Location with Shipment
AG	Estimated Delivery [18-01] Estimated Delivery
AH	Attempted Delivery [18-01] Attempted Delivery
AI	Shipment has been Reconsigned [18-01] Shipment has been Reconsigned

AL	New Code Added by IC [18-01] [Migration Code] Shipment Conveyance Loaded to Rail Car
AM	Loaded on Truck [18-01] Loaded on Truck
AR	Rail Arrival at Destination Intermodal Ramp [18-01] Rail Arrival at Destination Intermodal Ramp
BC	Storage in Transit [18-01] Storage in Transit
BO	New Code Added by IC [18-01] [Migration Code] Shipment Conveyance Reported Bad Order
BR	New Code Added by IC [18-01] [Migration Code] Shipment Conveyance Released from Bad Order
CA	Shipment Cancelled [18-01] Shipment Cancelled
CD	Carrier Departed Delivery Location [18-01] Carrier Departed Delivery Location
CP	Completed Loading at Pick-up Location [18-01] Completed Loading at Pick-up Location
CT	New Code Added by IC [18-01] [Migration Code] Customs Release
D1	Completed Unloading at Delivery Location [18-01] Completed Unloading at Delivery Location
J1	Delivered to Connecting Line [18-01] Delivered to Connecting Line
K1	Arrived at Customs [18-01] Arrived at Customs
L1	Loading [18-01] Loading
LC	New Code Added by IC [18-01] [Migration Code] Shipment Container Loaded to Chassis
NB	New Code Added by IC [18-01] [Migration Code] Shipment Conveyance Received without Paperwork
OA	Out-Gate [18-01] Out-Gate
OO	Paperwork Received - Did not Receive Shipment or Equipment [18-01] Paperwork Received - Did not Receive Shipment or Equipment Use 'OO' to denote Bid/Tender Award Received
P1	Departed Terminal Location [18-01] Departed Terminal Location
R1	Received from Prior Carrier [18-01] Received from Prior Carrier
RH	New Code Added by IC [18-01] [Migration Code] Shipment Conveyance Released from Hold

S1	Trailer Spotted at Consignee's Location [18-01] Trailer Spotted at Consignee's Location
SD	Shipment Delayed [18-01] Shipment Delayed
UC	New Code Added by IC [18-01] [Migration Code] Shipment Container Unloaded from Chassis
UR	New Code Added by IC [18-01] [Migration Code] Shipment Conveyance Unloaded from Rail Car
X1	Arrived at Delivery Location [18-01] Arrived at Delivery Location
X2	Estimated Date and/or Time of Arrival at Consignee's Location [18-01] Estimated Date and/or Time of Arrival at Consignee's Location
X4	Arrived at Terminal Location [18-01] Arrived at Terminal Location
X5	Arrived at Delivery Location Loading Dock [18-01] Arrived at Delivery Location Loading Dock
X6	En Route to Delivery Location [18-01] En Route to Delivery Location

>> **AT702** **1651** **Shipment Status or Appointment Reason Code** **X** **ID 2/2**

Code indicating the reason a shipment status or appointment reason was transmitted

[18-02] Shipment Status or Appointment Reason Code (DG 110)

AD	Customer Requested Future Delivery [18-02] Customer Requested Future Delivery Use 'AD' to denote Customer Wouldn't Accept Delivery until after Mandatory Delivery Date
AM	Shipper Related [18-02] Shipper Related Use 'AM' to denote Installation Closed When Pickup Was Attempted During Normal Business Hours
AN	Holiday - Closed [18-02] Holiday - Closed Use 'AN' to denote Holiday - Installation Closed
AO	Weather or Natural Disaster Related [18-02] Weather or Natural Disaster Related Use 'AO' to denote Weather Conditions Prevented Pickup or Delivery
AU	Civil Event Related Delay [18-02] Civil Event Related Delay Use 'AU' to denote Local Emergency/Act of God
B1	Consignee Closed [18-02] Consignee Closed Use 'B1' to denote Installation Closed When Delivery Was Attempted During Normal Business Hours
BB	Held per Shipper [18-02] Held per Shipper Use 'BB' to denote Vendor not Ready for Pickup. When used, AT701 must equal 'SD - Shipment Delayed'
BC	Missing Documents [18-02] Missing documents

			BQ	Shipment Overweight [18-02] Shipment Overweight Use 'BQ' to denote Shipment Overweight/Over-dimensional	
			C2	Credit Hold [18-02] Credit Hold Use 'C2' to denote Bills Provided to Carrier without Freight	
			HB	Held Pending Appointment [18-02] Held Pending Appointment Use 'HB' to denote Appointment Required at Delivery Site	
			NS	Normal Status [18-02] Normal Status	
			P1	Processing Delay [18-02] Processing Delay Use 'P1' to denote Appointment Required at Pickup Site	
			S1	Delivery Shortage [18-02] Delivery shortage	
X	AT703	1652	Shipment Appointment Status Code		X ID 2/2
				Refer to 004010 Data Element Dictionary for acceptable code values.	
X	AT704	1651	Shipment Status or Appointment Reason Code		X ID 2/2
				Refer to 004010 Data Element Dictionary for acceptable code values.	
>>	AT705	373	Date		X DT 8/8
				Date expressed as CCYYMMDD [18-05] Date of Status Event (DG 110) This is the date the status event occurred.	
	AT706	337	Time		X TM 4/8
				Time expressed in 24-hour clock time 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) [18-06] Time of Status Event (DG 110) ELEMENT CONDITION: Time status is MANDATORY for actual events and recommended for all other. This is the time status event occurred. This is local unless identified with a specific time zone in AT707.	
	AT707	623	Time Code		O ID 2/2
				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 [18-07] Time Code (DG 110) ELEMENT CONDITION: Required if AT706 is used. The carrier will report code LT (Local Time) unless it is capable of reporting the time code of the location where the event occurred. The time code should be Greenwich Mean Time (GMT) or the time zone where the event occurred. If the zone or Universal Time Coordinate (UTC) also referred to as Greenwich Mean Time (GMT) are unavailable, carrier should use local time code. SOURCE: ISO 8601 available from American National Standards Institute	
			CD	Central Daylight Time [18-07] Central Daylight Time	
			CS	Central Standard Time [18-07] Central Standard Time	
			CT	Central Time [18-07] Central Time	

ED	Eastern Daylight Time
	[18-07] Eastern Daylight Time
ES	Eastern Standard Time
	[18-07] Eastern Standard Time
ET	Eastern Time
	[18-07] Eastern Time
GM	Greenwich Mean Time
	[18-07] Greenwich Mean Time
LT	Local Time
	[18-07] Local Time
MD	Mountain Daylight Time
	[18-07] Mountain Daylight Time
MS	Mountain Standard Time
	[18-07] Mountain Standard Time
MT	Mountain Time
	[18-07] Mountain Time
PD	Pacific Daylight Time
	[18-07] Pacific Daylight Time
PS	Pacific Standard Time
	[18-07] Pacific Standard Time
PT	Pacific Time
	[18-07] Pacific Time

Segment: **MS1** **Equipment, Shipment, or Real Property Location**

Position: 143

Loop: 0205 Optional (Must Use)

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To specify the location of a piece of equipment, a shipment, or real property in terms of city and state or longitude and latitude

- Syntax Notes:**
- 1 If MS101 is present, then at least one of MS102 or MS103 is required.
 - 2 Only one of MS101 or MS104 may be present.
 - 3 If MS102 is present, then MS101 is required.
 - 4 If MS103 is present, then MS101 is required.
 - 5 If either MS104 or MS105 is present, then the other is required.
 - 6 If MS106 is present, then MS104 is required.
 - 7 If MS107 is present, then MS105 is required.

- Semantic Notes:**
- 1 MS104 is the longitude expressed in Degrees, Minutes, and Seconds.
 - 2 MS105 is the latitude expressed in Degrees, Minutes, and Seconds.
 - 3 MS106 may only be 'E' or 'W'.
 - 4 MS107 may only be 'N' or 'S'.

Comments:

Notes:

[19] MS1 SEGMENT - Status Location (DG 110)

When using periodic reporting procedures, indicate location using MS104, 05, 06, and 07. Otherwise, report location using MS101, 02, and 03.

CHANGE NOTE: Segment Condition changed to include code value 'OO' per DM 751.
SEGMENT CONDITION: This segment is required for all status events (AT701) except for code values 'A9', 'AG', 'AI', and 'OO'.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
MS101	19	City Name	X AN 2/30
		Free-form text for city name	
		[19-01] City Name (DG 110)	
		ELEMENT CONDITION: For status events generated within CONUS and Canada, MS101 and MS102 are required.	
		For those outside of CONUS, MS101 and MS103 are required. Provide MS102, if available.	
MS102	156	State or Province Code	X ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
		[19-02] State or Province Code (DG 110)	
		ELEMENT CONDITION: For status events generated within CONUS and Canada, MS101 and MS102 are required.	
		For those outside of CONUS, MS101 and MS103 are required. Provide MS102, if available.	
		SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	

MS103	26	Country Code	X ID 2/3
		Code identifying the country [19-03] Country Code (DG 110) ELEMENT CONDITION: For status events generated within CONUS and Canada, MS101 and MS102 are required. For those outside of CONUS, MS101 and MS103 are required. Provide MS102, if available. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm . Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.	
MS104	1654	Longitude Code	X ID 7/7
		Code indicating the longitude in degrees (3 positions), minutes (2 positions), and seconds (2 positions) [19-04] Longitude Coordinates (DG 110) ELEMENT CONDITION: If the carrier has implemented this technology, it is encouraged to report this data for 24 hour periodic reporting. Qualify the longitude coordinates in the MS106. SOURCE: ISO 6709 available from ANSI	
MS105	1655	Latitude Code	X ID 7/7
		Code indicating the latitude in degrees (3 positions), minutes (2 positions), seconds (2 positions) [19-05] Latitude Coordinates (DG 110) ELEMENT CONDITION: If the carrier has implemented this technology, it is encouraged to report this data for 24 hour periodic reporting. Qualify the latitude coordinates in the MS107. SOURCE: ISO 6709 available from ANSI	
MS106	1280	Direction Identifier Code	O ID 1/1
		Code identifying geographic direction [19-06] Direction Identifier Code (DG 110)	
		E East [19-06] East	
		W West [19-06] West	
MS107	1280	Direction Identifier Code	O ID 1/1
		Code identifying geographic direction [19-07] Direction Identifier Code (DG 110)	
		N North [19-07] North	
		S South [19-07] South	

Segment: **MS2** **Equipment or Container Owner and Type**
Position: 146
Loop: 0205 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the owner, the identification number assigned by that owner, and the type of equipment
Syntax Notes: 1 If either MS201 or MS202 is present, then the other is required.
 2 If MS204 is present, then MS202 is required.
Semantic Notes:
Comments: 1 MS203 identifies the type for the equipment specified in MS202.
Notes: [20] MS2 SEGMENT - Conveying Equipment Identification (DG 110)
 SEGMENT CONDITION: Provide this data when conveying equipment identifiers are available.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>> MS201	140	Standard Carrier Alpha Code Standard Carrier Alpha Code [20-01] Standard Carrier Alpha Code (DG 110) SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.	X ID 2/4
>> MS202	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) [20-02] Equipment Number (DG 110)	X AN 1/10
>> MS203	40	Equipment Description Code Code identifying type of equipment used for shipment [20-03] Equipment Description Code (DG 110) CHANGE NOTE: Code value 'CC' removed from list per DM 730. ALL code values assigned to DE 40 are available for use.	O ID 2/2
	20	20 ft. IL Container (Open Top) [20-03] 20 ft. IL Container (Open Top)	
	2B	20 ft. IL Container (Closed Top) [20-03] 20 ft. IL Container (Closed Top)	
	2D	Control Unit [20-03] Control Unit	
	2E	Helper Unit [20-03] Helper Unit	
	2F	Roadrailer [20-03] Roadrailer	
	2G	Cut-in Helper [20-03] Cut-in Helper	
	40	40 ft. IL Container (Open Top) [20-03] 40 ft. IL Container (Open Top)	
	4B	40 ft. IL Container (Closed Top) [20-03] 40 ft. IL Container (Closed Top)	
	AC	Closed Container [20-03] Closed Container	
	AF	Air Freight (Break Bulk) [20-03] Air Freight (Break Bulk)	

AL	Container, Aluminum Container must be made of aluminum [20-03] Container, Aluminum
AP	Aircraft [20-03] Aircraft
AT	Closed Container (Controlled Temperature) [20-03] Closed Container (Controlled Temperature)
BC	Covered Barge [20-03] Covered Barge
BE	Bilevel Railcar Fully Open [20-03] Bilevel Railcar Fully Open
BF	Bilevel Railcar Fully Enclosed [20-03] Bilevel Railcar Fully Enclosed
BG	Bogie [20-03] Bogie
BH	Bilevel Railcar Screened With Roof [20-03] Bilevel Railcar Screened With Roof
BJ	Bilevel Railcar Screened, No Roof [20-03] Bilevel Railcar Screened, No Roof
BK	Container, Bulk [20-03] Container, Bulk
BO	Barge Open [20-03] Barge Open
BR	Barge [20-03] Barge
BX	Boxcar [20-03] Boxcar
CA	Caboose [20-03] Caboose
CB	Chassis, Gooseneck [20-03] Chassis, Gooseneck
CD	Container with Bag Hangers Rings or bars located in upper part of container walls to suspend bulk bags within the ocean container [20-03] Container with Bag Hangers
CG	Container, Tank (Gas) [20-03] Container, Tank (Gas)
CH	Chassis [20-03] Chassis
CI	Container, Insulated [20-03] Container, Insulated
CJ	Container, Insulated/Ventilated [20-03] Container, Insulated/Ventilated
CK	Container, Heated/Insulated/Ventilated [20-03] Container, Heated/Insulated/Ventilated
CL	Container (Closed Top - Length Unspecified) [20-03] Container (Closed Top - Length Unspecified)
CM	Container, Open-Sided [20-03] Container, Open-Sided

CN	Container
	[20-03] Container
CP	Coil Car Open
	[20-03] Coil Car Open
CQ	Container, Tank (Food Grade-Liquid)
	[20-03] Container, Tank (Food Grade-Liquid)
CR	Coil-Car Covered
	[20-03] Coil-Car Covered
CS	Container-Low Side Open Top
	[20-03] Container-Low Side Open Top
CT	Container-High Side Open Top
	[20-03] Container-High Side Open Top
CU	Container (Open Top - Length Unspecified)
	[20-03] Container (Open Top - Length Unspecified)
CV	Closed Van
	[20-03] Closed Van
CW	Container, Tank (Chemicals)
	[20-03] Container, Tank (Chemicals)
CX	Container, Tank
	[20-03] Container, Tank
CZ	Refrigerated Container
	[20-03] Refrigerated Container
DD	Double-Drop Trailer
	A flatbed with two drop decks
	[20-03] Double-Drop Trailer
DF	Container with Flush Doors
	Container doors must be flush with the inside walls of the ocean-type containers
	[20-03] Container with Flush Doors
DT	Drop Back Trailer
	[20-03] Drop Back Trailer
DX	Boxcar, Damage Free Equipped
	[20-03] Boxcar, Damage Free Equipped
ET	End of Train Device
	[20-03] End of Train Device
FF	Frozen Food Trailer
	[20-03] Frozen Food Trailer
FH	Flat Bed Trailer with Headboards
	[20-03] Flat Bed Trailer with Headboards
FN	Flat Bed Trailer with No Headboards
	[20-03] Flat Bed Trailer with No Headboards
FP	Flatcar With Pedestal
	[20-03] Flatcar With Pedestal
FR	Flat Bed Trailer - Removable Sides
	[20-03] Flat Bed Trailer - Removable Sides
FS	Container with Floor Securing Rings
	Appliances at floor level that can be used to secure cargo
	[20-03] Container with Floor Securing Rings
FT	Flat Bed Trailer
	[20-03] Flat Bed Trailer

FX	Boxcar Cushion Under Frame OF [20-03] Boxcar Cushion Under Frame OF
GS	Generator Set [20-03] Generator Set
HB	Container with Hangar Bars Container must be equipped with hangar beams/bars for garment shipments [20-03] Container with Hangar Bars
HC	Hopper Car (Covered) [20-03] Hopper Car (Covered)
HO	Hopper Car (Open) [20-03] Hopper Car (Open)
HP	Hopper Car (Covered; Pneumatic Discharge) [20-03] Hopper Car (Covered; Pneumatic Discharge)
HT	Head of Train Device [20-03] Head of Train Device
HV	High Cube Van [20-03] 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 [20-03] Hydrant-Cart
ID	Idler Car [20-03] Idler Car
IX	Boxcar (Insulated) [20-03] Boxcar (Insulated)
LO	Locomotive [20-03] Locomotive
LS	Half Height Flat Rack [20-03] Half Height Flat Rack
LU	Load/unload Device on Equipment [20-03] Load/unload Device on Equipment
NX	Boxcar (Interior Bulkheads) [20-03] Boxcar (Interior Bulkheads)
OB	Ocean Vessel (Break Bulk) [20-03] Ocean Vessel (Break Bulk)
OT	Open-top/flatbed trailer [20-03] Open-top/flatbed trailer
OV	Open Top Van [20-03] Open Top Van
PL	Container, Platform [20-03] Container, Platform
PP	Power Pack A container holding a motor, generator, and fuel tank; used to provide power for refrigerated containers on a double stack train [20-03] Power Pack
PT	Protected Trailer [20-03] Protected Trailer
PU	Pick-up Truck [20-03] Pick-up Truck

RA	Fixed-Rack, Flat-Bed Trailer A flatbed trailer with an A-frame [20-03] Fixed-Rack, Flat-Bed Trailer
RC	Refrigerated (Reefer) Car [20-03] Refrigerated (Reefer) Car
RD	Fixed-Rack, Double Drop Trailer A double-drop, flatbed with an A-frame [20-03] Fixed-Rack, Double Drop Trailer
RE	Flat Car (End Bulkheads) [20-03] Flat Car (End Bulkheads)
RF	Flat Car [20-03] Flat Car
RG	Gondola Covered [20-03] Gondola Covered
RI	Gondola Car (Covered - Interior Bulkheads) [20-03] Gondola Car (Covered - Interior Bulkheads)
RO	Gondola Car (Open) [20-03] Gondola Car (Open)
RR	Rail Car [20-03] Rail Car
RS	Fixed-Rack, Single-Drop Trailer A single-drop, flatbed with an A-frame [20-03] Fixed-Rack, Single-Drop Trailer
RT	Controlled Temperature Trailer (Reefer) [20-03] Controlled Temperature Trailer (Reefer)
SA	Saddle Device to stack containers on a rail car [20-03] Saddle
SC	Service Car [20-03] Service Car
SD	Single-Drop Trailer A flatbed trailer with one drop deck [20-03] Single-Drop Trailer
SK	Stack Car [20-03] Stack Car
SL	Container, Steel Container must be made of steel [20-03] Container, Steel
SR	STAK-RAK A device upon which empty chassis may be stacked for movement "en bloc" on a railcar, stack train, trailer, or water-borne vessel [20-03] STAK-RAK
SS	Container with Smooth Sides Walls in ocean container must be flat/smooth [20-03] Container with Smooth Sides
ST	Removable Side Trailer [20-03] Removable Side Trailer
SV	Van - Special Inside Length, Width or Height Requirements [20-03] Van - Special Inside Length, Width or Height Requirements

TA	Trailer, Heated/Insulated/Ventilated [20-03] Trailer, Heated/Insulated/Ventilated
TB	Trailer, Boat [20-03] Trailer, Boat
TC	Trailer, Car [20-03] Trailer, Car
TF	Trailer, Dry Freight [20-03] Trailer, Dry Freight
TG	Trailer, Tank (Gas) [20-03] Trailer, Tank (Gas)
TH	Truck, Open Top High Side [20-03] Truck, Open Top High Side
TI	Trailer, Insulated [20-03] Trailer, Insulated
TJ	Trailer, Tank (Chemicals) [20-03] Trailer, Tank (Chemicals)
TK	Trailer, Tank (Food Grade-Liquid) [20-03] Trailer, Tank (Food Grade-Liquid)
TL	Trailer (not otherwise specified) [20-03] Trailer (not otherwise specified)
TM	Trailer, Insulated/Ventilated [20-03] Trailer, Insulated/Ventilated
TN	Tank Car [20-03] Tank Car
TO	Truck, Open Top [20-03] Truck, Open Top
TP	Trailer, Pneumatic A specialized trailer with a pneumatic device for loading or unloading [20-03] Trailer, Pneumatic
TQ	Trailer, Electric Heat A trailer with electric heat to keep product from freezing [20-03] Trailer, Electric Heat
TR	Tractor [20-03] Tractor
TT	Telescoping Trailer [20-03] Telescoping Trailer
TU	Truck, Open Top Low Side [20-03] Truck, Open Top Low Side
TV	Truck, Van [20-03] 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 [20-03] Trailer, Refrigerated
UA	Trilevel Railcar 20 Feet [20-03] Trilevel Railcar 20 Feet
UB	Trilevel Railcar Screened, Fully Enclosed [20-03] Trilevel Railcar Screened, Fully Enclosed
UC	Trilevel Railcar Screened, With Roof [20-03] Trilevel Railcar Screened, With Roof

UD	Trilevel Railcar Screened, No Roof [20-03] Trilevel Railcar Screened, No Roof
UE	Trilevel Railcar Screened, With Doors, No Roof [20-03] Trilevel Railcar Screened, With Doors, No Roof
UL	Unit Load Device (ULD) [20-03] Unit Load Device (ULD)
UP	Container, Upgraded Container must be upgraded for higher weights [20-03] Container, Upgraded
VA	Container, Vented Dry container must have vent openings for air exchange [20-03] Container, Vented
VE	Vessel, Ocean [20-03] Vessel, Ocean
VL	Vessel, Lake [20-03] Vessel, Lake
VR	Vessel, Ocean, Rollon-Rolloff [20-03] Vessel, Ocean, Rollon-Rolloff
VS	Vessel, Ocean, Lash [20-03] Vessel, Ocean, Lash
VT	Vessel, Ocean, Containership [20-03] Vessel, Ocean, Containership
WR	Container with Wavy or Ripple Sides Walls must be wavy or ripple type [20-03] Container with Wavy or Ripple Sides
WY	Railroad Maintenance of Way Car [20-03] Railroad Maintenance of Way Car

X MS204 761 Equipment Number Check Digit O N0 1/1

Segment: **L11 Business Instructions and Reference Number**
Position: 150
Loop: 0200 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify instructions in this business relationship or a reference number
Syntax Notes: 1 At least one of L1101 or L1103 is required.
 2 If either L1101 or L1102 is present, then the other is required.

Semantic Notes:
Comments:
Notes:

[21] L11 SEGMENT - Status Location Code (DG 110)
 SEGMENT CONDITION: Carriers are encouraged to provide either status location, SPLC, Aerial Port, or postal code data where available. This segment may occur once per shipment status event (LX Loop).
 [22] L11 SEGMENT - Stop-Off Sequence Number (DG 110)
 SEGMENT CONDITION: This segment is required when providing stop-off shipment status. This segment may occur once per shipment status event (LX Loop).

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
>>	L1101	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		[21-01] SPLC or Postal Code (DG 110) SPLC, Aerial Port, or Postal Code (DG110)	
		[22-01] Stop-Off Sequence Number (DG 110) Enter stop-off sequence number.	
>>	L1102	128 Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	
		[21-02] Status Location Qualifier (DG 110)	
		[22-02] Stop-Off Sequence Number Qualifier (DG 110)	
		4L Location-specific Services Reference Number	
		[21-02] Location-specific Services Reference Number Use '4L' to denote International Civil Aviation Organization (ICAO) code of the location reported in the MS101 for events occurring at an airport	
		LU Location Number	
		[21-02] Location Number Use 'LU' to denote Postal ZIP Code	
		QN Stop Sequence Number	
		[22-02] Stop Sequence Number	
		SPL Standard Point Location Code (SPLC)	
		[21-02] Standard Point Location Code (SPLC)	
		ZZ Mutually Defined	
		[21-02] Mutually Defined Use 'ZZ' to denote International Air Transport Association (IATA) code of the location reported in the MS101 for events occurring at an airport	
	L1103	352 Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		[22-03] SPLC (DG 110)	

Segment: Q7 Lading Exception Code
Position: 160
Loop: 0200 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify the status of the shipment in terms of lading exception information
Syntax Notes: 1 If Q702 is present, then Q703 is required.
Semantic Notes:
Comments:
Notes:

[23] Q7 SEGMENT - Lading Information (DG 100)
 SEGMENT CONDITION: Carriers are encouraged to provide this data if available. This segment may occur once per shipment status event (LX Loop).

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	Q701	33 Lading Exception Code	M ID 1/1
		Code indicating the condition of the shipment	
		[23-01] Lading Exception Code (DG 100)	
		A All Short	
		[23-01] All Short	
		D Damaged	
		[23-01] Damaged	
		E Entire Shipment Refused	
		[23-01] Entire Shipment Refused	
		O Overage	
		[23-01] Overage	
		P Partial Shipment	
		[23-01] Partial Shipment	
		W Wrong Product	
		[23-01] Wrong Product	
Q702	211	Packaging Form Code	O ID 3/3
		Code for packaging form of the lading quantity	
		[23-02] Packaging Form Code (DG 100)	
		Refer to X12 Standards, Version 4010, DE 211 for applicable code values	
		ELEMENT CONDITION: Carriers are encouraged to provide this data if available.	
		AMM Ammo Pack	
		[23-02] Ammo Pack	
		BAG Bag	
		[23-02] Bag	
		BAL Bale	
		[23-02] Bale	
		BBL Barrel	
		[23-02] Barrel	
		BDL Bundle	
		[23-02] Bundle	
		BEM Beam	
		[23-02] Beam	
		BIC Bing Chest	
		[23-02] Bing Chest	
		BIN Bin	
		[23-02] 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 [23-02] Bulk Bag
BLK	Bulk [23-02] Bulk
BOB	Bobbin [23-02] 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 [23-02] Bottle
BOX	Box [23-02] Box
BRG	Barge [23-02] Barge
BSK	Basket or hamper [23-02] Basket or hamper
BXI	Box, with inner container [23-02] Box, with inner container
BXT	Bucket [23-02] Bucket
CAB	Cabinet [23-02] Cabinet
CAG	Cage [23-02] Cage
CAN	Can [23-02] Can
CAR	Carrier [23-02] Carrier
CAS	Case [23-02] Case
CBC	Containers of Bulk Cargo [23-02] Containers of Bulk Cargo
CBY	Carboy [23-02] Carboy
CCS	Can Case [23-02] Can Case
CHE	Cheeses [23-02] Cheeses
CHS	Chest [23-02] Chest
CLD	Car Load, Rail [23-02] Car Load, Rail
CNA	Household Goods Containers, Wood [23-02] 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 [23-02] Container, MAC-ISO (Military Airlift Container - International Standards Organization) Light Weight 8x8x20 Foot Air
CNC	Container, Navy Cargo Transporter [23-02] Container, Navy Cargo Transporter
CND	Container, Commercial Highway Lift [23-02] Container, Commercial Highway Lift
CNE	Engine Container [23-02] Engine Container
CNF	Multiwall Container Secured to Warehouse Pallet [23-02] Multiwall Container Secured to Warehouse Pallet
CNT	Container [23-02] Container
CNX	CONEX - Container Express An 8x8x8-foot container used for packaging and shipping military material [23-02] CONEX - Container Express
COL	Coil [23-02] Coil
CON	Cones [23-02] Cones
COR	Core [23-02] Core
CRD	Cradle [23-02] Cradle
CRT	Crate [23-02] Crate
CSK	Cask [23-02] Cask
CTN	Carton [23-02] 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 [23-02] Cube
CYL	Cylinder [23-02] Cylinder
DBK	Dry Bulk [23-02] Dry Bulk
DRK	Double-length Rack [23-02] 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 [23-02] Drum

DSK	Double-length Skid [23-02] Double-length Skid
DTB	Double-length Tote Bin [23-02] Double-length Tote Bin
DUF	Duffle Bag [23-02] Duffle Bag
ENV	Envelope [23-02] Envelope
FIR	Firkin [23-02] Firkin
FLO	Flo-bin [23-02] Flo-bin
FLX	Liner Bag Liquid A rubber liner used in a standard container for liquid material [23-02] Liner Bag Liquid
FRM	Frame [23-02] Frame
FSK	Flask [23-02] Flask
FWR	Forward Reel [23-02] Forward Reel
GOH	Garments on Hangers [23-02] Garments on Hangers
HED	Heads of Beef [23-02] Heads of Beef
HGH	Hogshead [23-02] Hogshead
HPR	Hamper [23-02] Hamper
HPT	Hopper Truck [23-02] Hopper Truck
HRB	On Hanger or Rack in Boxes [23-02] On Hanger or Rack in Boxes
HRK	Half-standard Rack [23-02] Half-standard Rack
HTB	Half-Standard Tote Bin [23-02] Half-Standard Tote Bin
JAR	Jar [23-02] Jar
JUG	Jug A bottle (usually 1/2 gallon or larger) fitted with a handle [23-02] Jug
KEG	Keg [23-02] Keg
KIT	Kit [23-02] Kit
KRK	Knockdown Rack [23-02] Knockdown Rack

KTB	Knockdown Tote Bin [23-02] Knockdown Tote Bin
LBK	Liquid Bulk [23-02] Liquid Bulk
LIF	Lifts [23-02] Lifts
LOG	Log [23-02] Log
LSE	Loose [23-02] Loose
LUG	Lug [23-02] Lug
LVN	Lift Van [23-02] Lift Van
MLV	MILVAN - Military Van A 20-foot transportation van that conforms to ISO standards [23-02] MILVAN - Military Van
MRP	Multi-Roll Pack [23-02] Multi-Roll Pack
MSV	MSCVAN - Military Sealift Command Van A 35-foot transportation van [23-02] MSCVAN - Military Sealift Command Van
MXD	Mixed Type Pack [23-02] Mixed Type Pack
NOL	Noil [23-02] 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 [23-02] Overwrap
PAL	Pail [23-02] Pail
PCK	Packed - not otherwise specified [23-02] Packed - not otherwise specified
PCS	Pieces [23-02] Pieces
PIR	Pims [23-02] Pims
PKG	Package [23-02] Package
PLF	Platform [23-02] Platform
PLN	Pipeline [23-02] Pipeline
PLT	Pallet [23-02] Pallet

POV	Private Vehicle [23-02] Private Vehicle
PRK	Pipe Rack [23-02] Pipe Rack
QTR	Quarter of Beef [23-02] Quarter of Beef
RAL	Rail (Semiconductor) [23-02] Rail (Semiconductor)
RCK	Rack [23-02] Rack
REL	Reel [23-02] Reel
ROL	Roll [23-02] Roll
RVR	Reverse Reel [23-02] Reverse Reel
SAK	Sack [23-02] Sack
SBC	Liner Bag Dry A plastic liner used in container designed for the carriage of dry free-flowing material [23-02] Liner Bag Dry
SCS	Suitcase [23-02] Suitcase
SHK	Shook [23-02] Shook
SHT	Sheet [23-02] Sheet
SID	Side of Beef [23-02] Side of Beef
SKD	Skid [23-02] Skid
SKE	Skid, elevating or lift truck [23-02] 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 [23-02] Slip Sheet
SLV	Sleeve [23-02] Sleeve
SPI	Spin Cylinders [23-02] Spin Cylinders
SPL	Spool [23-02] Spool
SVN	SEAVAN - Sea Van A commercial or military 40-foot transportation container that conforms to ISO standards [23-02] SEAVAN - Sea Van

TBE	Tube
	[23-02] Tube
TBN	Tote Bin
	[23-02] Tote Bin
TKR	Tank Car
	[23-02] Tank Car
TKT	Tank Truck
	[23-02] Tank Truck
TLD	Intermodal Trailer/Container Load (Rail)
	[23-02] Intermodal Trailer/Container Load (Rail)
TNK	Tank
	[23-02] Tank
TRC	Tierce
	[23-02] Tierce
TRI	Triwall Box
	A sturdy box made of three-ply cardboard
	[23-02] Triwall Box
TRK	Trunk and Chest
	[23-02] Trunk and Chest
TRU	Truck
	[23-02] Truck
TRY	Tray
	[23-02] Tray
TSS	Trunk, Salesmen Sample
	[23-02] Trunk, Salesmen Sample
TTC	Tote Can
	A reusable stainless steel container with handles; used for liquid material
	[23-02] Tote Can
TUB	Tub
	[23-02] Tub
UNP	Unpacked
	[23-02] Unpacked
UNT	Unit
	[23-02] Unit
VEH	Vehicles
	[23-02] Vehicles
VPK	Van Pack
	[23-02] Van Pack
WHE	On Own Wheel
	[23-02] On Own Wheel
WLC	Wheeled Carrier
	[23-02] Wheeled Carrier
WRP	Wrapped
	[23-02] Wrapped

Q703 80 Lading Quantity X NO 1/7

Number of units (pieces) of the lading commodity

[23-03] Lading Quantity (DG 100)

Segment: **K1** Remarks
Position: 170
Loop: 0200 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To transmit information in a free-form format for comment or special instruction
Syntax Notes:
Semantic Notes:
Comments:
Notes:

[24] K1 SEGMENT - Additional Carrier Information (DG 100)
 SEGMENT CONDITION: Carriers are encouraged to report information for comment or special instruction.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	K101	61	Free-Form Message Free-form information [24-01] Free-Form Message (DG 100)	M AN 1/30
	K102	61	Free-Form Message Free-form information [24-02] Free-Form Message (DG 100)	O AN 1/30

Segment: **AT5** Bill of Lading Handling Requirements
Position: 180
Loop: 0200 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To identify Bill of Lading handling and service requirements
Syntax Notes: 1 Only one of AT501 or AT503 may be present.
2 Only one of AT502 or AT503 may be present.

Semantic Notes:
Comments:
Notes: [25] AT5 SEGMENT - Special Handling (DG 100)
SEGMENT CONDITION: Carriers are encouraged to report this information if available.
This segment may occur once per shipment status event (LX Loop).

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
AT501	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		[25-01] Special Handling Code (DG 100)	
		Refer to X12 Standards, Version 4010, DE 152 for applicable code values	
	15	Speed Restricted to 15 Miles per Hour	
		[25-01] Speed Restricted to 15 Miles per Hour	
	25	Speed Restricted to 25 Miles per Hour	
		[25-01] Speed Restricted to 25 Miles per Hour	
	35	Speed Restricted to 35 Miles per Hour	
		[25-01] Speed Restricted to 35 Miles per Hour	
	45	Speed Restricted to 45 Miles per Hour	
		[25-01] Speed Restricted to 45 Miles per Hour	
	045	Advanced Fee	
		[25-01] Advanced Fee	
	170	Certificate of Origin	
		[25-01] Certificate of Origin	
	510	Offshore - Alaska/Hawaii Service	
		[25-01] Offshore - Alaska/Hawaii Service	
	520	Oversized Premium	
		[25-01] Oversized Premium	
	550	Preparation of Air Waybill - Origin	
		[25-01] Preparation of Air Waybill - Origin	
	555	Preparation of Canadian Customs Invoice	
		[25-01] Preparation of Canadian Customs Invoice	
	565	Preparation of Export Entry	
		[25-01] Preparation of Export Entry	
	570	Preparation of Insurance Certificate	
		[25-01] Preparation of Insurance Certificate	
	585	Preparation of U.S. Export Documentation	
		[25-01] Preparation of U.S. Export Documentation	
	665	Saturday Delivery	
		[25-01] Saturday Delivery	
	670	Saturday Pick-Up	
		[25-01] Saturday Pick-Up	

675	Security Signature Service [25-01] Security Signature Service
761	Written Proof of Delivery [25-01] Written Proof of Delivery
A1M	Aggregate 1000 [25-01] Aggregate 1000
A3M	Aggregate 3000 [25-01] Aggregate 3000
A5M	Aggregate 5000 [25-01] Aggregate 5000
AAS	Attendants Accompanying Rail service for government or contractor personnel accompanying freight shipments on freight trains [25-01] Attendants Accompanying
AB	Car is Air Brake Controlled [25-01] Car is Air Brake Controlled
ADL	Advance Loading Service for advanced loading of bulk fuel [25-01] Advance Loading
AFN	Air Craft Furnished and Not Used [25-01] Air Craft Furnished and Not Used
AGG	Aggregate Tender Discount [25-01] Aggregate Tender Discount
AGS	Armed Guard Service [25-01] Armed Guard Service
AIB	Additional Injection/Blending Service Service for providing additional pipeline injection/blending service [25-01] Additional Injection/Blending Service
AK	Attachment - Auto Keys [25-01] Attachment - Auto Keys
ALP	Port Changes [25-01] Port Changes
ALT	Use of Alternate Terminal [25-01] Use of Alternate Terminal
AMM	A.M. Delivery Requirement [25-01] 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 [25-01] Anchoring and Unanchoring
APD	Additional Copy of Shipping Papers for Proof of Delivery [25-01] 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 manner that it withstand handling and transportation [25-01] Appliance Servicing

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 [25-01] Air Conditioning Disconnect and Connect
ARG	Rail Armed Guard Service [25-01] Rail Armed Guard Service
ARR	Air Ride Tractor Service [25-01] Air Ride Tractor Service
ART	Air Ride Truck Service [25-01] Air Ride Truck Service
ASY	Assembly Service Requested [25-01] Assembly Service Requested
AT	Attachment to Move with Car [25-01] Attachment to Move with Car
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 [25-01] Auxiliary Service
AV	Annual Volume [25-01] Annual Volume
AW	Attachments - Advance Only Waybill [25-01] Attachments - Advance Only Waybill
BA	Clearinghouse Balance [25-01] Clearinghouse Balance
BCP	Bypass Consolidation Point [25-01] Bypass Consolidation Point
BJA	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 [25-01] Bulky Article
BL	Blowable Load [25-01] Blowable Load
BLK	Blocking and Bracing [25-01] Blocking and Bracing
BLS	Blind Shipment Shipper's name inserted in place of the manufacturer's name on the shipping papers [25-01] Blind Shipment
BN	If Bad Ordered Notify Shipper [25-01] If Bad Ordered Notify Shipper
BNS	Bolster Load, Do Not Switch [25-01] Bolster Load, Do Not Switch
BOX	Boxing Service - Dry Bulk Carrier responsible for transferring product into boxes at the point of delivery [25-01] Boxing Service - Dry Bulk

BU2	Bunker Adjustment - 20 Foot Container [25-01] Bunker Adjustment - 20 Foot Container
BU4	Bunker Adjustment - 40 Foot Container [25-01] Bunker Adjustment - 40 Foot Container
BUA	Bunker Adjustment [25-01] Bunker Adjustment
BW	Bill Shipper for Weigh Charge [25-01] Bill Shipper for Weigh Charge
CA2	Currency Adjustment - 20 Foot Container [25-01] Currency Adjustment - 20 Foot Container
CA4	Currency Adjustment - 40 Foot Container [25-01] Currency Adjustment - 40 Foot Container
CAR	ROEE Car or Pick-up Truck [25-01] ROEE Car or Pick-up Truck
CC	Container, Consolidator Load Full container [25-01] Container, Consolidator Load
CCB	Convert Commercial Bill of Lading (BOL) to Government BOL [25-01] Convert Commercial Bill of Lading (BOL) to Government BOL
CCH	Certification [25-01] Certification
CCS	Carrier Caboose Service for carrier-furnished caboose [25-01] Carrier Caboose
CD	Attachment - Customer's Document [25-01] Attachment - Customer's Document
CDD	Corrosion Additive Service [25-01] Corrosion Additive Service
CE	Cleared for Export [25-01] Cleared for Export
CF	Container, Factory Load Full container, not to be opened for consolidation [25-01] Container, Factory Load
CFC	Customs Fees - Container Level [25-01] Customs Fees - Container Level
CFL	Customs Fees - Lift Level [25-01] Customs Fees - Lift Level
CGC	Carrier Guard Car Service Rail service for each carrier guard car used by attendants accompanying freight shipments [25-01] Carrier Guard Car Service
CGR	Return Carrier Guard Car Service Rail service when an unoccupied guard car is returned to a location other than the original shipping point [25-01] Return Carrier Guard Car Service
CGT	Cargo Taxes [25-01] Cargo Taxes
CH	Carrier [25-01] Carrier

CHN	Chain and Binders Motor service when more than eight sets are required to secure a shipment to flat bed equipment [25-01] Chain and Binders
CI	Customs Inspection [25-01] Customs Inspection
CIP	Commercial Invoice Preparation [25-01] Commercial Invoice Preparation
CIS	Constant Surveillance [25-01] Constant Surveillance
CLN	Cleaning [25-01] Cleaning
CLS	Class Rates Applied [25-01] Class Rates Applied
CM	Attachment - Cotton Manifest [25-01] Attachment - Cotton Manifest
CMD	Comb. Rates over Detroit [25-01] Comb. Rates over Detroit
CNL	Consolidation and Line Haul [25-01] Consolidation and Line Haul
CNS	Consolidation [25-01] Consolidation
CO	No Marshalling Required for Hazardous Materials [25-01] No Marshalling Required for Hazardous Materials
CON	Contract Rates Apply [25-01] Contract Rates Apply
COR	Certification That the Newsprint Winding Cores Being Returned Empty Were Received Filled by Rail Freight Service [25-01] Certification That the Newsprint Winding Cores Being Returned Empty Were Received Filled by Rail Freight Service
COU	Consignee Unload [25-01] Consignee Unload
COV	Courier, Overnight [25-01] Courier, Overnight
CPC	Copilot Service [25-01] Copilot Service
CPM	Customs Papers Mailed [25-01] Customs Papers Mailed
CR	Circus Ramp Only (TOFC Van) [25-01] Circus Ramp Only (TOFC Van)
CRL	Container Lease [25-01] Container Lease
CSD	Courier, Same Day [25-01] Courier, Same Day
CSP	Government Caboose Service for carrier-furnished caboose for use by government personnel [25-01] Government Caboose

CTL	Controlled Atmosphere [25-01] Controlled Atmosphere
CTM	Container Mounting Carrier mounts container onto chassis [25-01] Container Mounting
CTR	Circuitous Routing [25-01] Circuitous Routing
CUF	Currency Adjustment - Break Bulk [25-01] Currency Adjustment - Break Bulk
CW	Bill Consignee for Weigh Charges [25-01] Bill Consignee for Weigh Charges
CX	Top Load Only [25-01] Top Load Only
CY	Certification that this Shipment is for Recycling as Defined in Applicable Tariffs Containing Such Provisions [25-01] Certification that this Shipment is for Recycling as Defined in Applicable Tariffs Containing Such Provisions
DA	Dangerous [25-01] Dangerous
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 [25-01] Double Wide Separate and Reassemble
DBP	Delivery of Fuel From Barge to Pipeline [25-01] Delivery of Fuel From Barge to Pipeline
DCS	DOD Constant Surveillance Service [25-01] 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 [25-01] Dual Driver with National Agency Check
DDP	Dual Driver Protective Service [25-01] Dual Driver Protective Service
DDS	Direct Delivery [25-01] Direct Delivery
DDZ	Drayage at Port of Debarkation (Rate Zone) [25-01] Drayage at Port of Debarkation (Rate Zone)
DE	Demurrage [25-01] Demurrage
DEL	Delivery Service [25-01] Delivery Service
DEP	Detention of Conveying Equipment and the Power Unit May be ordered by consignee at time of loading [25-01] Detention of Conveying Equipment and the Power Unit

DET	Detention of Conveying Equipment Excluding the Power Unit May be ordered at time of loading [25-01] Detention of Conveying Equipment Excluding the Power Unit
DEZ	Drayage at Port of Embarkation (Rate Zone) [25-01] Drayage at Port of Embarkation (Rate Zone)
DFD	Keep From Freezing Percent Differential [25-01] 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 [25-01] 410 Dromedary with Mechanical Restraining Devices
DFS	410 Dromedary Demountable 410 cu. ft. shipping container that can be fastened to the chassis of a truck, tractor, or flat bed [25-01] 410 Dromedary
DIS	Distribution Service Requested [25-01] Distribution Service Requested
DLP	Delivery of Fuel From Rail Tank Car to Pipeline [25-01] Delivery of Fuel From Rail Tank Car to Pipeline
DLR	Notify Shipper Immediately if Shipment is Delayed en Route [25-01] Notify Shipper Immediately if Shipment is Delayed en Route
DM	Domestic [25-01] Domestic
DN	Shipper Authorization Required for Diversion or Consignment [25-01] Shipper Authorization Required for Diversion or Consignment
DNC	Do Not Couple to Other Diaphragmed Cars [25-01] 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 [25-01] Do Not Freeze
DNT	Do Not Couple to Tank Cars [25-01] Do Not Couple to Tank Cars
DOC	Documentation - Special Carrier creates special shipper documentation [25-01] Documentation - Special
DOV	Container Diversion [25-01] Container Diversion
DPB	Delivery of Fuel From Pipeline to Barge [25-01] Delivery of Fuel From Pipeline to Barge
DPD	Drayage at Port of Debarkation [25-01] Drayage at Port of Debarkation

DPE	Drayage at Port of Embarkation [25-01] Drayage at Port of Embarkation
DPL	Delivery of Fuel From Pipeline to Rail Tank Car [25-01] Delivery of Fuel From Pipeline to Rail Tank Car
DPT	Delivery of Fuel From Pipeline to Tank Truck or Trailer [25-01] Delivery of Fuel From Pipeline to Tank Truck or Trailer
DPU	Detention With Power Units (30 minute periods) [25-01] Detention With Power Units (30 minute periods)
DR	Drop Yard [25-01] Drop Yard
DRO	Drop-Off Delivery [25-01] Drop-Off Delivery
DRU	Drumming Service Carrier responsible for transferring product into drums at the point of delivery [25-01] Drumming Service
DS	Delivery Only on Surrender of Written Order [25-01] Delivery Only on Surrender of Written Order
DSK	Do Not Couple to Double Shelf Couples [25-01] 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 [25-01] Dromedary with Mechanical Restraining Devices
DSR	Dromedary Service Requested [25-01] Dromedary Service Requested
DSV	Door Side Vanning The cargo is to be placed in the container adjacent to the door [25-01] Door Side Vanning
DT	Dead in Tow [25-01] Dead in Tow
DTB	Labor Associated with Detention of Conveying Equipment May be ordered by shipper at time of loading [25-01] Labor Associated with Detention of Conveying Equipment
DTP	Delivery of Fuel From Tank Truck or Trailer to Pipeline [25-01] 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 [25-01] Detention (Vehicle)
DU	Do Not Uncouple [25-01] Do Not Uncouple

DV	Equipment [25-01] Equipment
DW	Destination Weights Apply [25-01] Destination Weights Apply
DWP	Detention With Power Units (60 minute periods) [25-01] 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 [25-01] Extra Axles
ECR	Escort/Courier Service [25-01] Escort/Courier Service
ECS	Empty Railcar Ordered But Not Used [25-01] Empty Railcar Ordered But Not Used
ED	Excessive Dimensions Equipment exceeds operating restrictions but is not considered high/wide in interline movement [25-01] Excessive Dimensions
EDD	Equipment Hose at Destination Service for supplying special hose equipment for dispatching bulk fuel at destination [25-01] Equipment Hose at Destination
EDO	Equipment Hose at Origin Service for supplying special hose equipment for dispatching bulk fuel at origin [25-01] Equipment Hose at Origin
EE	Electronic Equipment Transfer [25-01] Electronic Equipment Transfer
EED	Exclusive Use Charge when vehicle furnished is devoted exclusively to transportation of a shipment without breaking of seals [25-01] Exclusive Use
EL	Environmental Control Limits The items contained in the shipment are subject to environmental controls whose limits are specified in the contract [25-01] Environmental Control Limits
ELS	Extra Lights Motor service when a state agency requires extra lights be placed on an overdimensional shipment [25-01] Extra Lights
EMR	Emergency Service Carrier provides special services in case of emergency [25-01] Emergency Service
EMT	Empty Movement Motor service when empty movement of equipment is required [25-01] Empty Movement
END	Endorsement [25-01] Endorsement

EP	Expedite [25-01] Expedite
ER	Return Empty Via Reverse Route [25-01] Return Empty Via Reverse Route
ERS	Empty Return Motor service when empty equipment is returned from the destination to point of origin [25-01] Empty Return
ERT	Satisfactory Service Standards [25-01] Satisfactory Service Standards
EV	Damages Incurred if Shipment Fails to Meet Vessel Loading [25-01] Damages Incurred if Shipment Fails to Meet Vessel Loading
EW	Excessive Weight [25-01] Excessive Weight
EX	Explosive Flammable Gas [25-01] Explosive Flammable Gas
EXC	Exclusive Use of Vehicle [25-01] Exclusive Use of Vehicle
EXD	Extra Driver [25-01] Extra Driver
EXL	Extra Length Surcharge [25-01] Extra Length Surcharge
EXO	Export Preparation Carrier must prepare shipment for export [25-01] Export Preparation
EXP	Expedited Rates Applied [25-01] Expedited Rates Applied
EXQ	Expedited Service Motor service for the immediate dispatch of equipment in continuous line-haul service to meet delivery schedules [25-01] Expedited Service
EXT	Extra Labor Carrier must supply additional labor [25-01] Extra Labor
EXU	Exclusive Use of Vehicle Damaged [25-01] 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 [25-01] Expand Remove and Install
EZE	Roadway Easy Rates Applied [25-01] Roadway Easy Rates Applied
FA	Face "A-end" to Head of Train [25-01] Face "A-end" to Head of Train
FAK	Barge Freight All Kinds Service [25-01] Barge Freight All Kinds Service

FAS	Firearms [25-01] Firearms
FB	Face "B-end" to Head of Train [25-01] Face "B-end" to Head of Train
FC	Moving Under "For Furtherance Instructions" and May Be Delivered [25-01] Moving Under "For Furtherance Instructions" and May Be Delivered
FCS	Furnishing Chassis Rail service when chassis are furnished by carrier to effect pickup or delivery of containers on flat cars [25-01] Furnishing Chassis
FD	Full Service [25-01] Full Service
FFC	Fuel Filters Furnished by Carrier [25-01] Fuel Filters Furnished by Carrier
FFS	Fuel Filters Furnished by Shipper [25-01] Fuel Filters Furnished by Shipper
FG	Flammable Gas [25-01] Flammable Gas
FL	Flammable [25-01] Flammable
FLS	Flatrack Surcharge [25-01] Flatrack Surcharge
FP	Flammable Poison Gas [25-01] Flammable Poison Gas
FPT	For Processing in Transit [25-01] For Processing in Transit
FR	Fragile - Handle with Care [25-01] Fragile - Handle with Care
FRZ	Accepted by Carrier at Owner's Risk of Freezing [25-01] Accepted by Carrier at Owner's Risk of Freezing
FS	Nontransit Flat Shipment [25-01] Nontransit Flat Shipment
FST	For Storage in Transit [25-01] For Storage in Transit
FTR	Filtration Service Service for providing pipeline filtration service [25-01] Filtration Service
GI	Grain Inspection [25-01] Grain Inspection
GMS	Garment Surcharge [25-01] 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 [25-01] Government-Owned Containers

GSP	Government Guard Car Service for carrier-furnished guard car for use by government personnel [25-01] Government Guard Car
GSS	Greater Security Service [25-01] Greater Security Service
HAL	Hold at Location [25-01] Hold at Location
HAN	Handling [25-01] Handling
HBR	Hand Brakes at Each End Must Be Released [25-01] 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 [25-01] Shipment Holdover for Holidays
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 [25-01] Shipment Holdover for Weekends
HE	Head End Car [25-01] Head End Car
HEA	Heat in Transit Carrier required to keep product heated during transit [25-01] Heat in Transit
HES	Heat - Special Carrier required to keep product heated during transit in accordance with special instructions provided [25-01] Heat - Special
HET	Heat With Steam Carrier required to keep product heated with steam during transit [25-01] Heat With Steam
HH	Household [25-01] Household
HM	Endorsed as Hazardous Material [25-01] Endorsed as Hazardous Material
HMA	Accessible Hazardous Material [25-01] Accessible Hazardous Material
HMI	Inaccessible Hazardous Material [25-01] Inaccessible Hazardous Material
HO	Hold for Orders [25-01] Hold for Orders
HOL	Sunday or Holiday Pickup or Delivery [25-01] Sunday or Holiday Pickup or Delivery
HOR	24 Hour Availability Loading and unloading site is open 24 hours a day [25-01] 24 Hour Availability

HOS	Hose [25-01] Hose
HOX	Special Hose [25-01] Special Hose
HP	Heated Prior to Loading [25-01] Heated Prior to Loading
HQT	High Cube Trailer Rates [25-01] High Cube Trailer Rates
HR	Home for Repair [25-01] Home for Repair
HRS	Heater or Refrigeration Rail service when shipments of commodities require protective service from the heat or cold [25-01] Heater or Refrigeration
HT	Heat [25-01] Heat
HTI	Hitch Installation [25-01] Hitch Installation
HV	High Value Load [25-01] High Value Load
HW	High Wide Load [25-01] High Wide Load
HZC	Hazardous Materials Surcharge [25-01] Hazardous Materials Surcharge
HZD	Hazardous Cargo On Deck [25-01] Hazardous Cargo On Deck
IB	In-bond [25-01] In-bond
IC	Ice [25-01] Ice
ID	Shipment to be Inspected at Destination and Disposition Instructions will be Furnished [25-01] Shipment to be Inspected at Destination and Disposition Instructions will be Furnished
IDC	Idler Car [25-01] Idler Car
IDL	Inside Delivery [25-01] Inside Delivery
IIH	Icing Inhibitor Service [25-01] Icing Inhibitor Service
IM	Interoffice Move [25-01] Interoffice Move
IMP	Impactographs Motor service when impactographs are provided at the request of the shipper or consignee [25-01] Impactographs
IMS	Intermodal Shipment Service [25-01] Intermodal Shipment Service
INT	Intra-Plant Move Carrier requested to provide equipment and labor for intra-plant work [25-01] Intra-Plant Move

IP	Import Shipment [25-01] Import Shipment
IPU	Inside Pickup [25-01] Inside Pickup
IR	Rail Incentive Rate [25-01] Rail Incentive Rate
IS	Surveillance Service [25-01] Surveillance Service
ITS	Interline Transfer Service [25-01] Interline Transfer Service
JIT	Just-In-Time (JIT) [25-01] Just-In-Time (JIT)
JLX	Joint Line Exception [25-01] Joint Line Exception
JS	Junction Settlement Account [25-01] Junction Settlement Account
KEG	Certification that the Containers Being Returned Empty Were Received Filled by Rail Freight Service [25-01] Certification that the Containers Being Returned Empty Were Received Filled by Rail Freight Service
KMD	Keep Material Dry [25-01] Keep Material Dry
LAB	Labor Disturbance Labor disturbance at plant [25-01] Labor Disturbance
LAY	Layover Carrier equipment and driver required to layover [25-01] Layover
LB	Land Bridge (Import/Export) [25-01] Land Bridge (Import/Export)
LBL	Apply a Uniform Code Council/International Article Numbering Association (UCC/EAN) Serial Shipping Container Label to the Shipping Containers [25-01] Apply a Uniform Code Council/International Article Numbering Association (UCC/EAN) Serial Shipping Container Label to the Shipping Containers
LBR	Light Bar Service [25-01] Light Bar Service
LBT	Low Boy Trailer/Flat Bed [25-01] Low Boy Trailer/Flat Bed
LC	Car Trip Leased to Consignee [25-01] Car Trip Leased to Consignee
LC2	Land Currency Adjustment Factor - 20 Foot Container [25-01] Land Currency Adjustment Factor - 20 Foot Container
LC4	Land Currency Adjustment - 40 Foot Container [25-01] Land Currency Adjustment - 40 Foot Container
LCL	Percent Differential - Less Than Container [25-01] Percent Differential - Less Than Container
LD	Loading Devices [25-01] Loading Devices

LEC	Less Than Container [25-01] Less Than Container
LF	Loaded to Full Visible Capacity [25-01] Loaded to Full Visible Capacity
LFD	Linehaul from Port of Debarkation [25-01] 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 [25-01] Linehaul Service
LIE	Liability of Carrier [25-01] Liability of Carrier
LMD	Liner Terms at Port of Debarkation [25-01] Liner Terms at Port of Debarkation
LME	Liner Terms at Port of Embarkation [25-01] Liner Terms at Port of Embarkation
LN	Less Than Container, Consolidator Load [25-01] Less Than Container, Consolidator Load
LP	Protect Lowest Through Rate [25-01] Protect Lowest Through Rate
LPD	Linehaul Percent Differential [25-01] Linehaul Percent Differential
LR	Less Than Container, Factory Load [25-01] Less Than Container, Factory Load
LS	Local Service Only [25-01] Local Service Only
LT	Less Than Full Carload [25-01] Less Than Full Carload
LTE	Linehaul To Port of Embarkation [25-01] Linehaul To Port of Embarkation
LTT	Less Than Truckload [25-01] Less Than Truckload
LYC	Layover Service [25-01] Layover Service
MAT	Modified Atmosphere [25-01] Modified Atmosphere
MC	Person in Charge of Car [25-01] Person in Charge of Car
MEN	Escort Service with Overnight Subsistence Motor service when movement hour restrictions require an escort vehicle driver or flagmen to stay overnight [25-01] Escort Service with Overnight Subsistence
MES	Escort [25-01] Escort
MET	Escort Services (Telephone) Motor service when shipper/consignee requests that vehicles be equipped with mobile telephones or two-way radios [25-01] Escort Services (Telephone)

MF	Cleared for Border Crossing [25-01] Cleared for Border Crossing
MIN	Insulated [25-01] Insulated
MNS	Motor Surveillance Service [25-01] Motor Surveillance Service
MOT	Other [25-01] Other
MP	Multiple Pickup [25-01] Multiple Pickup
MR	Mechanical Refrigeration [25-01] Mechanical Refrigeration
MRF	Refrigerated [25-01] Refrigerated
MSS	Motor Surveillance Service [25-01] Motor Surveillance Service
MTE	Military Traffic Expediting Service [25-01] Military Traffic Expediting Service
MVS	Special Motor Surveillance Motor security service which provides shipper with extraordinary visibility of their shipments in transit [25-01] Special Motor Surveillance
NC	Notify Consignee Before Delivery [25-01] Notify Consignee Before Delivery
ND	Do Not Divert [25-01] Do Not Divert
NE	No Special Entrainment Required [25-01] No Special Entrainment Required
NH	Do Not Hump [25-01] Do Not Hump
NHC	Do not Hump or Hump into [25-01] Do not Hump or Hump into
NHL	Do Not Use Helper Locomotive to Push [25-01] Do Not Use Helper Locomotive to Push
NI	New Equipment First Transborder Movement [25-01] New Equipment First Transborder Movement
NP	Do Not Pool [25-01] Do Not Pool
NPR	No Placards Required [25-01] No Placards Required
NS	Notify Shipper Before Reconsignment [25-01] Notify Shipper Before Reconsignment
NSV	Nose Side Vanning The cargo is to be placed in the container at the end furthest from the door [25-01] Nose Side Vanning
NT	Do Not Transfer Contents [25-01] Do Not Transfer Contents
NW	In Case of Fire Do Not Use Water [25-01] In Case of Fire Do Not Use Water

NX	Not for Export [25-01] Not for Export
OAH	Stow Away from Heat The container is to be stowed away from any source of heat [25-01] Stow Away from Heat
OBL	Block Stowage [25-01] Block Stowage
OCA	Cargo Aboard [25-01] Cargo Aboard
OCL	Carrier Load and Consignee Unload [25-01] Carrier Load and Consignee Unload
OCN	Over Height Container [25-01] Over Height Container
OCS	Completing Shipment [25-01] Completing Shipment
OCV	Delivery Verification Not Required [25-01] 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 [25-01] Stow with Doors Facing Inward
OEH	Exempt Commodity [25-01] Exempt Commodity
OFH	In Front of House Stowage The container is to be stowed on deck forward of the superstructure of the vessel [25-01] In Front of House Stowage
OFU	Fumigation The additional service charge or order for a transportation carrier to fumigate a household goods shipment that is insect infested [25-01] Fumigation
OHC	Harmless [25-01] Harmless
OIL	Oil Field Service Special services required to deliver freight at oil field site [25-01] Oil Field Service
ONC	Use No Hooks [25-01] Use No Hooks
ONS	Not Restricted Cargo [25-01] Not Restricted Cargo
OOB	Cargo on Board Certification Required [25-01] Cargo on Board Certification Required
OOD	On Deck Stowage [25-01] On Deck Stowage
OOL	Carrier Load and Carrier Unload [25-01] Carrier Load and Carrier Unload
OPR	Perishable [25-01] Perishable
OPT	Partial Shipment [25-01] Partial Shipment

OS	Commodity Loaded Less Than or Equal To the Car Ordered [25-01] Commodity Loaded Less Than or Equal To the Car Ordered
OSB	Stow Below Deck [25-01] Stow Below Deck
OST	Stow Between Decks [25-01] Stow Between Decks
OTC	Temperature Control [25-01] Temperature Control
OTD	Time of Delivery and Signature Required [25-01] 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 [25-01] On Top In-hatch Stowage
OTO	On Top On-deck Stowage The container is to be stowed as the top-most container of those stowed on-deck [25-01] On Top On-deck Stowage
OTS	Total Shipment [25-01] Total Shipment
OUC	Under Container On-deck Stowage The container is to be stowed below another container on the deck of the vessel [25-01] Under Container On-deck Stowage
O UW	Below Water Line Stowage The container is to be stowed below the waterline of the vessel [25-01] Below Water Line Stowage
OV	Overweight [25-01] Overweight
OVR	Overflow [25-01] Overflow
OWC	Over Width Container [25-01] Over Width Container
OWR	One Way Rates Applied [25-01] One Way Rates Applied
PAJ	Pumping Equipment [25-01] Pumping Equipment
PAV	Pickup of Shipments on Saturday, Sunday, and/or Holidays Requiring Absolute Next Day Delivery [25-01] Pickup of Shipments on Saturday, Sunday, and/or Holidays Requiring Absolute Next Day Delivery
PB	Perishable in Box Car [25-01] Perishable in Box Car
PD	Privately Controlled Private Equipment Subject to Demurrage [25-01] Privately Controlled Private Equipment Subject to Demurrage
PDS	Pickup and Delivery From Storage in Transit The additional service charge or order for a transportation carrier to pickup a household goods shipment at, or deliver to a temporary storage facility [25-01] Pickup and Delivery From Storage in Transit

PDY	Pickup and Delivery Beyond Service Area [25-01] Pickup and Delivery Beyond Service Area
PER	Special Permits Carrier required to provide special permits in order to move freight [25-01] Special Permits
PFH	Protect From Heat [25-01] Protect From Heat
PG	Poisonous Gas [25-01] Poisonous Gas
PHR	Per Hour Rates Applied [25-01] Per Hour Rates Applied
PI	Iced Prior to Loading [25-01] Iced Prior to Loading
PIR	Pier Time Carrier required to wait at pier for loading or unloading [25-01] Pier Time
PMM	P.M. Delivery Requirement [25-01] P.M. Delivery Requirement
PMR	Per Mile Rates Apply [25-01] Per Mile Rates Apply
PMS	Pickup of Shipments Requiring Same Day Delivery Service [25-01] Pickup of Shipments Requiring Same Day Delivery Service
PMT	Pickup of Shipments Requiring Same Day Delivery Service and/or Delivery at a Specified Time [25-01] 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 [25-01] Piano/Organ Carry
PPD	Pickup and Delivery Service for Perishables [25-01] Pickup and Delivery Service for Perishables
PRL	Prelodge Motor service for hand delivery of shipping documents 24 hours or more prior to the delivery of a shipment(s) [25-01] Prelodge
PRT	Stuffing Charge [25-01] Stuffing Charge
PS	Product Protection Service [25-01] Product Protection Service
PSG	Protective Service Security with Armed Guards Motor service for Protective Security Service when shipper requires one or both cleared drivers be armed [25-01] Protective Service Security with Armed Guards
PSS	Protective Security Service [25-01] Protective Security Service
PTS	Protective Tarp For Security Purposes [25-01] Protective Tarp For Security Purposes
PUC	Pickup [25-01] Pickup

PUD	Pickup and Delivery [25-01] 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 [25-01] Pack and Unpack
PUP	PUP Trailer Rates Apply [25-01] PUP Trailer Rates Apply
PVB	Bonded Privately Owned Vehicle [25-01] Bonded Privately Owned Vehicle
PVD	Detention of Privately Owned Vehicle [25-01] Detention of Privately Owned Vehicle
PVI	Inoperable Privately Owned Vehicle [25-01] Inoperable Privately Owned Vehicle
PVL	Loading/Unloading of Privately Owned Vehicle [25-01] Loading/Unloading of Privately Owned Vehicle
PVP	Private Owned Vehicle Processing [25-01] Private Owned Vehicle Processing
PVS	Stop-offs for Privately Owned Vehicle Shipment [25-01] Stop-offs for Privately Owned Vehicle Shipment
PVT	Privately Owned Vehicle in Truckaway Service [25-01] Privately Owned Vehicle in Truckaway Service
PW	Attachment - Prepaid Waybill [25-01] Attachment - Prepaid Waybill
PYS	Priority Service [25-01] Priority Service
RA	Return Authorization [25-01] Return Authorization
RB	Render Bill for Charges [25-01] 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 [25-01] Railroad Controlled Private Equipment Subject to Demurrage
RCC	Reconsignment Change in destination, route, etc., that requires a change in billing or an additional movement of the shipment [25-01] Reconsignment
RCL	Redelivery Motor service when, through fault of the consignee, delivery cannot be made and has to be redelivered at a later date [25-01] Redelivery
RDH	Railhead Handling [25-01] Railhead Handling
RDR	Roadrailer Service [25-01] Roadrailer Service

REP	Respotting [25-01] Respotting
RES	Residential Delivery [25-01] Residential Delivery
RFM	Reefer Maintenance [25-01] Reefer Maintenance
RIE	Released Value Charge in Excess of Carrier Maximum Liability [25-01] Released Value Charge in Excess of Carrier Maximum Liability
RLS	Relocation of Vehicle Motor service when carrier is requested to move a vehicle from one platform doorway or shipping room to another [25-01] Relocation of Vehicle
RM	Radioactive Material [25-01] Radioactive Material
RMC	Return of Empty Container [25-01] Return of Empty Container
RMP	Return Movement of Pallet [25-01] Return Movement of Pallet
RMS	Rail Surveillance Rail security service performed by rail carriers in the movement of Government unclassified sensitive cargo [25-01] Rail Surveillance
RO	Rush Order [25-01] Rush Order
RPD	Reefer Cargo Percent Differential [25-01] Reefer Cargo Percent Differential
RR	Rear Rider Operational restrictions require equipment to be run on the rear of a train only [25-01] Rear Rider
RRR	Round Trip Service [25-01] Round Trip Service
RS	Inspect Hourly if Car Stopped [25-01] Inspect Hourly if Car Stopped
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 [25-01] Reshipment
RSS	Restricted Speeds Service when the unusual nature of the shipment requires the carrier to operate at speeds below its normal limits [25-01] Restricted Speeds
RSV	Reservations Shipper may reserve space in a vehicle for second and third Proviso commodities moving via Household Goods motor carriers only [25-01] Reservations
RT	Record for Transit [25-01] Record for Transit

RWR	Reweight Requested [25-01] Reweight Requested
SAS	Shipment Holdover on Weekends [25-01] Shipment Holdover on Weekends
SAT	Saturday Pickup or Delivery [25-01] Saturday Pickup or Delivery
SB	Shipper Load/Carrier Count [25-01] Shipper Load/Carrier Count
SC	Shove to Rest and Cover [25-01] Shove to Rest and Cover
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 [25-01] Special Containers
SCL	Shipper Load and Consignee Unload [25-01] Shipper Load and Consignee Unload
SD	Subject to Special Detention Rules/Charges [25-01] Subject to Special Detention Rules/Charges
SDL	Split Delivery [25-01] 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 [25-01] Special Dromedary Service
SE	Attachment - Shipper's Export Document [25-01] Attachment - Shipper's Export Document
SEC	Special Equipment Charge [25-01] Special Equipment Charge
SED	Shipper Export Declaration Required [25-01] 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 [25-01] Stairs, Elevator, Excess Carry
SER	Service Charge Applies [25-01] Service Charge Applies
SEV	Security Escort Vehicle Service [25-01] Security Escort Vehicle Service
SFB	Single Factor Origination/Destination [25-01] Single Factor Origination/Destination
SFD	Single Factor Origination/Port of Debarkation [25-01] Single Factor Origination/Port of Debarkation
SFE	Single Factor Port of Embarkation/Destination [25-01] 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 [25-01] Special Train Movement
SGL	Single Shipment [25-01] Single Shipment
SH	Shiftable Load [25-01] Shiftable Load
SHH	Shipment Holdover on Holidays [25-01] Shipment Holdover on Holidays
SHL	Shipper Load [25-01] Shipper Load
SHW	Shipment Holdover on Weekdays [25-01] Shipment Holdover on Weekdays
SI	Ship to Cross Dock or Pool [25-01] Ship to Cross Dock or Pool
SK	Requires Shelf Couplers [25-01] Requires Shelf Couplers
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 [25-01] Skirting and Unskirting
SLC	Shipper Load and Count [25-01] Shipper Load and Count
SM	Attachment - Shipper's Manifest [25-01] Attachment - Shipper's Manifest
SMP	Small Package [25-01] Small Package
SMS	Satellite Surveillance Service [25-01] Satellite Surveillance Service
SNM	Transmit a Ship Notice/Manifest Transaction Set [25-01] Transmit a Ship Notice/Manifest Transaction Set
SNS	Satellite Surveillance Service [25-01] 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 [25-01] Shipment from Non-Temp Storage
SOC	Stop-off Service for stop-off in transit to complete loading or to partially unload a shipment [25-01] Stop-off
SOL	Shipper Load and Carrier Unload [25-01] Shipper Load and Carrier Unload
SP	Attachment - Shipper's Packing Instructions [25-01] Attachment - Shipper's Packing Instructions

SPC	Special Permit [25-01] Special Permit
SPR	Spreader Service Carrier responsible for spreading product at point of delivery [25-01] Spreader Service
SPT	Spot for Storage - No Shipment Carrier required to provide a trailer for shipper although no shipment is available for assignment [25-01] Spot for Storage - No Shipment
SPU	Split Pickup Service for pickup/delivery of articles in a single shipment at more than one place within the origin/destination [25-01] Split Pickup
SR	Speed Restricted [25-01] Speed Restricted
SRG	Storage Service for freight held in carrier's possession beyond free time for any reason not the fault of the carrier [25-01] Storage
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 [25-01] Surveying Routes
SSC	Stripping, Sorting & Consolidation [25-01] Stripping, Sorting & Consolidation
SSN	Substitute Service Not to be Used [25-01] Substitute Service Not to be Used
SSU	Pole Lashing Equipment (PLE) Surcharge [25-01] Pole Lashing Equipment (PLE) Surcharge
ST	Stack Train [25-01] Stack Train
STA	Conductivity/Anti-static Additive [25-01] Conductivity/Anti-static Additive
STD	Stop-off at Destination [25-01] Stopoff at Destination
STO	Stowage [25-01] Stowage
STP	Stop-off at Origination [25-01] Stopoff at Origination
STR	Signature and Tally Record [25-01] 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 [25-01] Spot for Unloading from A End
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 [25-01] Spot for Unloading from B Brake End

SUP	Supervisor Requested Carrier must provide a person to supervise loading or unloading [25-01] Supervisor Requested
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 [25-01] Storage of Vehicles
SW	Stretch Wrap A high-tensile film, stretched and wrapped repeatedly around a unitized load to secure and maintain unit integrity. [25-01] Stretch Wrap
TA	Cars Temporarily Articulated [25-01] Cars Temporarily Articulated
TC	Trailer, Consolidator Load Full trailer [25-01] Trailer, Consolidator Load
TDC	Truckload-Double Operator-Common Carrier [25-01] Truckload-Double Operator-Common Carrier
TDP	Truckload-Double Operator-Padded Van [25-01] Truckload-Double Operator-Padded Van
TER	Terminal Handling Charges [25-01] Terminal Handling Charges
TF	Trailer, Factory Load Full trailer, not to be opened for consolidation [25-01] Trailer, Factory Load
TLS	Tendered as Truckload (Truckload Service Requested) [25-01] 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 [25-01] Multi-Tank Surveillance Service
TMV	Tendering of Multiple Vehicles [25-01] Tendering of Multiple Vehicles
TN	Turn Car [25-01] Turn Car
TOF	Trailer on Flat Car [25-01] Trailer on Flat Car
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 [25-01] Third Party Service
TRA	Tractor Only Carrier required to provide tractor only [25-01] Tractor Only

TRK	Truck Rates Applicable [25-01] Truck Rates Applicable
TRL	Trailer Preparation - Special Carrier required to prepare the trailer in accordance with special shipper requirements [25-01] Trailer Preparation - Special
TRM	Termination The additional service charge or order for a transportation carrier to terminate the movement of a household goods shipment at origin or enroute to a destination location [25-01] Termination
TRN	Transfer Product Carrier required to provide labor and equipment to transfer product [25-01] 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 [25-01] Tire Repair and Replace
TRS	Trade Show [25-01] Trade Show
TRT	Tractor and Trailer Carrier required to provide tractor and trailer only [25-01] Tractor and Trailer
TS	Transit Shipment [25-01] Transit Shipment
TSC	Truckload-Single Operator-Common Carrier [25-01] Truckload-Single Operator-Common Carrier
TSP	Truckload-Single Operator-Padded Van [25-01] Truckload-Single Operator-Padded Van
TSS	Tank Surveillance Service [25-01] Tank Surveillance Service
TT	Team Track Delivery [25-01] Team Track Delivery
TV	Time Volume Rates Only [25-01] Time Volume Rates Only
UB	Unload at Bumper (Circus Ramp) [25-01] Unload at Bumper (Circus Ramp)
UFC	Under Carriage Furnished By Carrier [25-01] Under Carriage Furnished By Carrier
UI	Unitized [25-01] Unitized
UL	Unload from Left Side of Car Left side of car determined by facing the "B" (brake) end of car [25-01] Unload from Left Side of Car
UN	Unload as Placarded [25-01] Unload as Placarded
UP	Unprotected Perishable [25-01] Unprotected Perishable

UPK	<p>Unpacking</p> <p>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</p> <p>[25-01] Unpacking</p>
UR	<p>Unload from Right Side of Car</p> <p>Right side of car determined by facing the "B" (brake) end of car</p> <p>[25-01] Unload from Right Side of Car</p>
URC	<p>Unloading or Reloading</p> <p>Service when carrier is required to perform loading/unloading of a shipment unassisted by shipper/consignee</p> <p>[25-01] Unloading or Reloading</p>
US	<p>Shipper Certifies Gross Weight under 240,000 pounds</p> <p>[25-01] Shipper Certifies Gross Weight under 240,000 pounds</p>
UTL	<p>Utilities Disconnect and Connect</p> <p>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</p> <p>[25-01] Utilities Disconnect and Connect</p>
VAC	<p>Vacuum Service</p> <p>Carrier required to provide vacuum service</p> <p>[25-01] Vacuum Service</p>
VAN	<p>ROEE Van Type Truck</p> <p>[25-01] ROEE Van Type Truck</p>
VCL	<p>Van Cleaning</p> <p>[25-01] Van Cleaning</p>
VFN	<p>Vehicles Furnished But Not Used</p> <p>A vehicle is delivered to the shipper, but is not used</p> <p>[25-01] Vehicles Furnished But Not Used</p>
VIS	<p>Vehicles Inoperable</p> <p>Applies when a vehicle cannot be driven under its own power onto the carrier's conveying equipment</p> <p>[25-01] Vehicles Inoperable</p>
VN	<p>Verification Weigh</p> <p>[25-01] Verification Weigh</p>
VSO	<p>Stop-off Delivery of Personal Vehicles</p> <p>[25-01] Stop Off Delivery of Personal Vehicles</p>
VT	<p>Ventilation Instructions</p> <p>[25-01] Ventilation Instructions</p>
VTS	<p>Vehicles in Truckaway</p> <p>Service when vehicles, before loading in truckaway service, exceed 64" in height measured from ground to top of vehicle</p> <p>[25-01] Vehicles in Truckaway</p>

WB	Wide-Body Pickup Truck (Applies to Finished Vehicle Loading [25-01] Wide-Body Pickup Truck (Applies to Finished Vehicle Loading
WBB	Wharfage - Breakbulk [25-01] Wharfage - Breakbulk
WCT	Wharfage - Container [25-01] Wharfage - Container
WD	Waived Inspection - Set Direct [25-01] Waived Inspection - Set Direct
WDS	Waterfront Delivery Service for waterfront delivery of bulk fuel [25-01] Waterfront Delivery
WE	Weigh Empty [25-01] Weigh Empty
WFG	Wharfage [25-01] Wharfage
WH	Attachments - High Wide Notice [25-01] Attachments - High Wide Notice
WI	Waive Inspection [25-01] Waive Inspection
WM	Manifest Must Accompany Waybill [25-01] Manifest Must Accompany Waybill
WO	Weigh to Check for Overload [25-01] Weigh to Check for Overload
WRB	War Risk Crew Bonus [25-01] War Risk Crew Bonus
WRI	War Risk Insurance [25-01] War Risk Insurance
WTV	Weight Verification Service for weight verification when the difference between billed weight and actual weight is less than 5 percent [25-01] Weight Verification
WW	Waste Water [25-01] Waste Water
XP	Export [25-01] Export
XT	Cross Town [25-01] Cross Town
ZZZ	Mutually Defined [25-01] Mutually Defined

AT502 560 Special Services Code X ID 2/10

Code identifying the special service

[25-02] Special Services Code (DG 100)

Refer to X12 Standards, Version 4010, DE 560 for applicable code values

A0010	Alterations [25-02] Alterations
A0020	Anneal/Heat (Steel or Glass Treatment) [25-02] Anneal/Heat (Steel or Glass Treatment)

A0030	Art Work [25-02] Art Work
AC	Acid (Battery) [25-02] Acid (Battery)
AD	Accept at Destination Acceptance will take place at the destination point [25-02] Accept at Destination
AF	Affidavit [25-02] Affidavit
AG	Aircraft On Ground (AOG) [25-02] Aircraft On Ground (AOG)
AM	Administration [25-02] Administration
AO	Accept at Origin Acceptance will take place at the point of origin [25-02] Accept at Origin
B0020	Black Lung Tax [25-02] Black Lung Tax
B0040	Burning [25-02] Burning
BH	Buyer Hand Carry [25-02] Buyer Hand Carry
BI	Bill and Hold [25-02] Bill and Hold
BOP	Bop Sheet A pallet comprised of cardboard [25-02] Bop Sheet
C0012	Capping [25-02] Capping
C0032	Coating (Dip, Rustproof, EDP) [25-02] Coating (Dip, Rustproof, EDP)
C0036	Certificate of Conformance [25-02] Certificate of Conformance
C0038	Certificate of Origin [25-02] Certificate of Origin
C1	Shipper Load and Count [25-02] Shipper Load and Count
C2	Carrier Load and Count [25-02] Carrier Load and Count
CA	Cataloging Services [25-02] Cataloging Services
CC	Carrier Unload [25-02] Carrier Unload
CD	COD Request [25-02] COD Request
CH	Cut and Parallel [25-02] Cut and Parallel
CI	Cut [25-02] 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 [25-02] Continuous Movement
CN	Combination Performance and Non-performance [25-02] Combination Performance and Non-performance
CO	Cooperative Unloading [25-02] Cooperative Unloading
CS	Cigarette Stamping [25-02] Cigarette Stamping
CT	Count and Recount [25-02] Count and Recount
CU	Consignee Unload [25-02] Consignee Unload
CY	Carry-in Service [25-02] Carry-in Service
CZ	Cable Pressurization [25-02] Cable Pressurization
D0020	Determined Freight [25-02] Determined Freight
D0024	Layout/Design [25-02] Layout/Design
D0031	Driver Assisted Unloading [25-02] Driver Assisted Unloading
D0032	Driver Assisted Loading [25-02] Driver Assisted Loading
D1	One - Day Service [25-02] One - Day Service
D2	Two - Day Service [25-02] Two - Day Service
DA	Delivery Acknowledgment [25-02] Delivery Acknowledgment
DE	De-Installation [25-02] De-Installation
DH	Drop and Hook Receiving [25-02] Drop and Hook Receiving
DI	Die Service Charge [25-02] Die Service Charge
DL	Delivery [25-02] Delivery
DS	Designated Supplier Inspection [25-02] Designated Supplier Inspection
DV	Declared Value [25-02] Declared Value
E0030	Exclusive use [25-02] Exclusive use
EG	Engraving [25-02] Engraving

EM	Emergency Service
	[25-02] Emergency Service
EN	Enclosure
	[25-02] Enclosure
ER	Equipment Manufacturer Restoration Audit
	[25-02] Equipment Manufacturer Restoration Audit
EU	Exclusive Use Of Equipment
	[25-02] Exclusive Use Of Equipment
EX	Expedited Service
	[25-02] Expedited Service
F1	Full Service
	[25-02] Full Service
FG	Free Goods
	[25-02] Free Goods
FS	Floor Stock Protection
	[25-02] Floor Stock Protection
G0010	Grinding
	[25-02] Grinding
G0052	Government Inspection
	[25-02] Government Inspection
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
	[25-02] Grouped Items
GP	Gas Pressure
	[25-02] Gas Pressure
GU	Guaranteed Inspection Technical Service
	[25-02] Guaranteed Inspection Technical Service
H1	Temperature Protection
	[25-02] Temperature Protection
HC	Handling Service
	[25-02] Handling Service
HH	Hointins and Hauling
	[25-02] Hointins and Hauling
HS	Hauling and Hoisting
	[25-02] Hauling and Hoisting
I0012	Installation
	[25-02] Installation
I0013	Installation & Warranty
	[25-02] Installation & Warranty
I0021	Inspection
	[25-02] Inspection
I0022	Identification
	[25-02] Identification
IC	Inside Cable Connectors
	[25-02] Inside Cable Connectors
ID	Inside Delivery
	[25-02] Inside Delivery

IG	Invoice with Goods
	[25-02] Invoice with Goods
IK	Insurance Provided by Lessee
	[25-02] Insurance Provided by Lessee
IL	Insurance Provided by Lessor
	[25-02] Insurance Provided by Lessor
IM	Inspect at Destination
	[25-02] Inspect at Destination
IN	Insurance
	[25-02] Insurance
IO	Inspect at Origin
	[25-02] Inspect at Origin
IP	In-stock Merchandise
	[25-02] In-stock Merchandise
IQ	Interim Use Permitted at Special Rate
	[25-02] Interim Use Permitted at Special Rate
IR	Installation and Training
	[25-02] Installation and Training
IS	Invoice Services
	[25-02] Invoice Services
IT	In Transit Price Protection
	[25-02] In Transit Price Protection
KO	Koshering
	[25-02] Koshering
L1	Shipper Load, Carrier Count
	[25-02] Shipper Load, Carrier Count
LA	Labeling
	[25-02] Labeling
LL	Loading Service
	[25-02] Loading Service
LS	Lease Shortfall Consideration
	[25-02] Lease Shortfall Consideration
M0010	Memo Returnable Container
	[25-02] Memo Returnable Container
M0042	Mounting
	[25-02] Mounting
MI	Mail Invoice
	[25-02] Mail Invoice
ML	Mail Invoice to Each Location
	[25-02] Mail Invoice to Each Location
MNTAN	Annual Maintenance
	[25-02] Annual Maintenance
MNTMN	Monthly Maintenance
	[25-02] Monthly Maintenance
MNTON	One-Time Maintenance
	[25-02] One-Time Maintenance
N0020	Non-returnable Containers
	[25-02] Non-returnable Containers

N0021	Non-Returnable Returns not accepted [25-02] Non-Returnable
N0032	Notarized Affidavit [25-02] Notarized Affidavit
NC	Notify Consignee Before Delivery [25-02] Notify Consignee Before Delivery
OA	Outside Cable Connectors [25-02] Outside Cable Connectors
ON	On-site Service [25-02] On-site Service
OP	Oversized Package [25-02] Oversized Package
P0012	Painting (Primer or Finish) [25-02] Painting (Primer or Finish)
P0014	Phosphatizing (Steel Treatment) [25-02] Phosphatizing (Steel Treatment)
P0016	Pickle and Oil [25-02] Pickle and Oil
P0018	Plating [25-02] Plating
P0022	Preparation [25-02] Preparation
PA	Pack Invoice with Shipment [25-02] Pack Invoice with Shipment
PB	Previous Billing [25-02] Previous Billing
PC	Packaging Service [25-02] Packaging Service
PE	Pulling Eyes [25-02] Pulling Eyes
PF	Proof & Composition [25-02] Proof & Composition
PL	Palletizing [25-02] Palletizing
PLI	Pilot Inspection [25-02] Pilot Inspection
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 [25-02] Perpetual Movement
PO	Purchase Option [25-02] Purchase Option
PP	Progress Payment Requirement Service provided by Lessor to advance funds prior to the commencement of a lease [25-02] Progress Payment Requirement

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 [25-02] Pickup Service Furnished
R0072	Repair [25-02] Repair
R0076	Returnable Container [25-02] Returnable Container
R0077	Returnable Returns accepted [25-02] Returnable
R0110	Rework [25-02] Rework
RD	Residential Delivery [25-02] Residential Delivery
RE	Recall Service [25-02] 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 [25-02] Roundtrip Movement
RP	Return Parts to Customer [25-02] Return Parts to Customer
S0014	Shearing [25-02] Shearing
S0016	Shotblasting [25-02] Shotblasting
S0022	Sleeving [25-02] Sleeving
S0024	Ship to Stock Quality Audit [25-02] Ship to Stock Quality Audit
S0050	Special Packaging [25-02] Special Packaging
S0052	Stamping [25-02] Stamping
S0054	Source Inspection [25-02] Source Inspection
S0056	Strapping [25-02] Strapping
S0080	Supplemental Items [25-02] Supplemental Items
S1	Shipper Load, Consignee Unload [25-02] Shipper Load, Consignee Unload
S2	Slip Sheet, Truck [25-02] Slip Sheet, Truck
S3	Seller Hand Carry [25-02] Seller Hand Carry

SD	Shrinkage Allowance [25-02] Shrinkage Allowance
SG	Same - Day Service [25-02] Same - Day Service
SH	Special Handling Service [25-02] Special Handling Service
SJ	Subject To Tax On Resale [25-02] Subject To Tax On Resale
SLP	Slip Sheet [25-02] Slip Sheet
SPI	Specification Review [25-02] Specification Review
SR	Slip Sheet, Rail [25-02] Slip Sheet, Rail
SS	Tax Liability - One Time Service provided by Lessor to advance the funds for the entire tax liability to be paid [25-02] Tax Liability - One Time
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 [25-02] Tax Liability - Amortized
SU	Set-up [25-02] Set-up
SV	Service Center [25-02] Service Center
SW	Swell [25-02] Swell
T0070	Tools for Printing [25-02] Tools for Printing
T1	Onetime Tooling [25-02] Onetime Tooling
TC	Ticketing Service [25-02] Ticketing Service
TE	Tendered as Truckload [25-02] Tendered as Truckload
TH	Technology Exchange [25-02] 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 [25-02] Consecutive Movement
TO	Tooling [25-02] Tooling
UN	Unitized [25-02] Unitized
US	USDA Inspected, Stamping Certification [25-02] USDA Inspected, Stamping Certification

V1	Drop Yard
	[25-02] Drop Yard
V2	Drop Dock
	[25-02] Drop Dock
W0010	Warranties
	[25-02] Warranties
WC	Will Call
	[25-02] Will Call
WH	Warehousing
	[25-02] Warehousing
X0010	Combine All Same Day Shipment
	[25-02] Combine All Same Day Shipment
XP	Expanded Service
	[25-02] Expanded Service
XX	Third Party Pallets
	Pallets provided by the shipper, owned by a third party, and may be left at the consignee
	[25-02] Third Party Pallets
YY	Split Pickup
	[25-02] Split Pickup
ZZ	Mutually Defined
	[25-02] Mutually Defined

AT503 153 Special Handling Description X AN 2/30
Free-form additional description of special handling instructions to appear on
printed bill if special handling code is not adequate
[25-03] Special Handling Description (DG 100)

Segment: **AT8** Shipment Weight, Packaging and Quantity Data
Position: 200
Loop: 0200 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify shipment details in terms of weight, and quantity of handling units
Syntax Notes: 1 If any of AT801 AT802 or AT803 is present, then all are required.
2 If either AT806 or AT807 is present, then the other is required.
Semantic Notes: 1 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.
2 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.
Comments:
Notes: [26] AT8 SEGMENT - Weight Information (DG 100)
SEGMENT CONDITION: Carriers are encouraged to provide this data if available. This segment may occur once per shipment status event (LX Loop).

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
AT801	187	Weight Qualifier	X ID 1/2
		Code defining the type of weight	
		[26-01] Weight Qualifier (DG 100)	
		ELEMENT CONDITION: Required if AT802 and AT803 are used.	
		A3 Shippers Weight	
		[26-01] Shippers Weight	
		B Billed Weight	
		[26-01] Billed Weight	
		FR Freight Weight	
		[26-01] Freight Weight	
		G Gross Weight	
		[26-01] Gross Weight	
		N Actual Net Weight	
		[26-01] Actual Net Weight	
		PA Pallet Weight	
		[26-01] Pallet Weight	
		SK Skid Weight	
		[26-01] Skid Weight	
		T Tare Weight	
		[26-01] Tare Weight	
		WX New Code Added by IC	
		[26-01] [Migration Code] Net Explosive Weight	
AT802	188	Weight Unit Code	X ID 1/1
		Code specifying the weight unit	
		[26-02] Weight Unit Code (DG 100)	
		ELEMENT CONDITION: Required if AT801 and AT802 are used.	
		K Kilograms	
		[26-02] Kilograms	
		L Pounds	
		[26-02] Pounds	
		S Short Ton	
		[26-02] Short Ton	

AT803	81	Weight	X R 1/10
		Numeric value of weight	
		[26-03] Weight (DG 100)	
		ELEMENT CONDITION: Required if AT801 and AT802 are used.	
AT804	80	Lading Quantity	O NO 1/7
		Number of units (pieces) of the lading commodity	
		[26-04] Lading Quantity (DG 100)	
		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.	
AT805	80	Lading Quantity	O NO 1/7
		Number of units (pieces) of the lading commodity	
		[26-05] Lading Quantity (DG 100)	
		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.	
AT806	184	Volume Unit Qualifier	X ID 1/1
		Code identifying the volume unit	
		[26-06] Volume Unit Qualifier (DG 100)	
		ELEMENT CONDITION: Required if AT807 is used.	
		B Barge	
		[26-06] Barge	
		C Cubic Centimeters	
		[26-06] Cubic Centimeters	
		D Cord	
		[26-06] Cord	
		E Cubic Feet	
		[26-06] Cubic Feet	
		F 100 Board Feet	
		[26-06] 100 Board Feet	
		G Gallons	
		[26-06] Gallons	
		H Hundreds of Measurement Tons	
		[26-06] Hundreds of Measurement Tons	
		L Load	
		[26-06] Load	
		M Cubic Decimeters	
		[26-06] Cubic Decimeters	
		N Cubic Inches	
		[26-06] Cubic Inches	
		R Car	
		[26-06] Car	
		S Measurement Ton	
		[26-06] Measurement Ton	
		T Container	
		[26-06] Container	
		U Volumetric Unit	
		[26-06] Volumetric Unit	
		V Liter	
		[26-06] Liter	
		X Cubic Meters	
		[26-06] Cubic Meters	

AT807

183

Volume

X R 1/8

Value of volumetric measure

[26-07] Volume (DG 100)

ELEMENT CONDITION: Required if AT806 is used.

Segment: **SE** Transaction Set Trailer
Position: 610
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Notes: [27] SE SEGMENT - Motor Carrier Shipment Status Trailer (DG 900)

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
			[27-01] Number of Included Segments (DG 900)	
			Total segments in this transaction set including the ST and SE segments.	
M	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			[27-02] Transaction Set Control Number (DG 900)	
			This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.	

Section 4.0

IC ELEMENT MATRIX

OVERVIEW

In order to implement an EDI transaction set, trading partners need to identify the application data elements they plan to exchange, identify where they plan to carry the data within the structure of the EDI transaction (a task commonly called mapping), identify any additional X12 data such as qualifier codes, and publish that information in an implementation convention (IC). This section lists that information in an IC Element Matrix.

PURPOSE

Using the IC element matrix will expedite mapping of an application database into a commercial EDI translation package. The Application Notes section below describes the application specific to this IC element matrix.

HOW TO READ THE IC ELEMENT MATRIX

To read the matrix, trading partner needs to understand matrix record types, two categories of matrix information, the matrix layout, and the sort order of the matrix. They also need a basic understanding of ASC X12 standard structures and syntax.

Record Types

The IC element matrix contains two types of records: segment header records and element records.

- Segment header records begin the description of a discrete occurrence of an X12 segment. The element records (described below) that follow a segment header record cannot be co-mingled with elements from other segments.
- Element records identify an individual data element that occurs within a segment. Each element satisfies either an application requirement or X12 standard syntax. If one element in a segment is passed, all elements in the segment need to be passed in accordance with the IC requirement designator (DoD REQ).

Two Categories of Record Information

Each record contains two categories of information: IC application information and ASC X12 information.

- IC application information describes attributes about the application requirement.
- ASC X12 information is extracted directly from the X12 standard dictionary and enables programmers to map the IC element into the standards.

Matrix Layout

The IC element matrix lists information in sixteen columns.

- IC Index Number (Index) enables designers and programmers to quickly cite a record in the matrix.
- IC Data Group Number (DG) is a number assigned by the IC developers. That number identifies an IC element with a group of elements that form a database table within the application data model. In order to quickly reference a table, Defense transportation developers label database tables with a Data Group number. For example, a “Bill To Address” may belong to the “PURCHASE ORDER” parent table with GRP = 10. A “Stop-off Delivery Address” may belong to the “ITEM DELIVERY” child table with GRP = 60.
- IC Data Element Name (Data Name) is a label for each data element using terminology common to the business environment. The IC element matrix identifies an element as a “Route Order Number Qualifier.” This is more concise than using the generic X12 label of “Qualifier.” A segment header record identifies the segment ID in this field.
- IC Notes & Codes (DoD Information Notes and Codes) can contain application notes about various segment and element conditions or requirements. This column may also list both X12 standard codes and DoD unique codes. If the list is larger than 20 codes, it may appear in the section that contains Code Lists.
- IC Attributes (Attributes). When part of a segment header record, this column indicates the usage of the segment. When part of an element record, this column indicates the usage of the element within the segment, if the segment is used. Attributes may differ from those in the ASC X12 standard. For example, if trading partners expect to exchange a purchase order number that has a specific length and structure, those attributes are described here. Attributes include requirement designator, data element type, minimum length and maximum length.
- X12 Transaction Set Table Number (Tabl).
- X12 Segment Position (Pos).
- X12 Requirement Designator (Req Des) . This column applies only to Segment Header type matrix records.
- X12 Maximum Usage (Max Use). This column applies only to Segment Header type matrix records.
- X12 Loop Repeat (Lp Rpt) indicates the number of times a loop may be used. This column applies only to Segment Header type matrix records.
- X12 Loop Level (Lp Lv). Loops may be nested within other loops. This column indicates the nesting level for each loop and applies only to Segment Header type matrix records.
- X12 Loop ID (Lp ID). This column applies only to Segment Header type matrix records.
- X12 Segment Reference Designator (Ref Des) . This column applies only to Element type matrix records.
- X12 Simple or Composite Data Element Number (DE#). This column applies only to Element type matrix records.

- X12 Simple Data Element Attributes (Attributes). Attributes listed include the data element requirement designator, data element type, minimum length and maximum length. This column applies only to Element type matrix records.
- X12 Composite Data Element Attributes ((Composite) Attributes). Attributes listed include the simple data element number, requirement designator, data element type, minimum length and maximum length. This column applies only to Element type matrix records.

Sort Order of the Matrix

The matrix presents IC elements in an order that enables programmers to generate application-to-translator interface files (also known as user-defined files or UDFs) that are syntactically correct to ASC X12 standards. IC elements are grouped under segment header records. When exchanging an IC element, the programmer needs to generate the entire segment under which the element is listed. Likewise, when exchanging a segment, the programmer needs to generate the entire loop structure to which the segment belongs.

APPLICATION NOTES

The IC element matrix in this section maps data requirements for the Motor Carrier Shipment Status into the ASC X12 Transaction Set 214 Shipment Information. These requirements were developed by transportation activities involved in the DoD electronic data interchange effort.

This IC includes all changes approved by the DTEB Committee and described in DTEB data maintenance (DM) items up to the publication date of the IC.

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

MOTOR CARRIER SHIPMENT STATUS
214.A.004010

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
1	10	ST SEGMENT - Motor Carrier Shipment Status Header	M	1	010	M	1							
1-01	10	Transaction Set Identifier Code 214 - Transportation Carrier Shipment Status Message	M ID 3/3	1	010	M	1				ST01	143	M ID	3/3
1-02	10	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. The application and structure of the control number must be agreed upon between trading partners. (For example, some applications use all nine digits where the first five might indicate a group control number and the last four represent the sequence of the transaction set within the functional group. Also, the entire nine digit field may simply represent the sequence of the transaction set generated by a trading partner.)	M AN 4/9	1	010	M	1				ST02	329	M AN	4/9
2	10	B10 SEGMENT - Carrier Shipment ID	M	1	020	M	1							
2-01	10	Carrier Shipment ID ELEMENT CONDITION: Use of either B1001 or B1006 is MANDATORY. Only the carrier's PRO number will appear in B1001. Use B1006 if shipment is identified by air or rail waybill number.	C AN 1/30	1	020	M	1				B1001	127	C AN	1/30
2-02	10	Government Shipment ID In this data element, enter the Shipment ID generated by the shipper. This must be either a bill of lading number or a TCN (Transportation Control Number). If you enter a TCN here, you must create a separate 214 for each TCN included on a single bill of lading or shipment. If separate TCNs included on a single bill of lading are being delivered to different locations, you must use the TCN (not the bill of lading number) in this data element	M AN 1/30	1	020	M	1				B1002	145	O AN	1/30
2-03	10	Standard Carrier Alpha Code SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.	M ID 2/4	1	020	M	1				B1003	140	M ID	2/4
2-05	10	Reference Identification Qualifier ELEMENT CONDITION: Required if B1006 is used. AW - Air Waybill Number WY - Waybill Number	C ID 2/2	1	020	M	1				B1005	128	C ID	2/3
2-06	10	Reference Identification ELEMENT CONDITION: Use of either B1001 or B1006 is MANDATORY. Only the carrier's air or rail waybill number will appear in B1006. Use B1001 if shipment is identified by a carrier's PRO number.	C AN 1/30	1	020	M	1				B1006	127	C AN	1/30

DoD INFORMATION					X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
3	10	L11 SEGMENT - Additional Shipment Identifiers SEGMENT CONDITION: Use this segment to report identifying numbers in addition to the shipment ID.	C		1	030	O	300						
3-01	10	Additional Shipment Identifier	M	AN	1/30	1	030	O	300			L1101	127	C AN 1/30
3-02	10	Additional Shipment Identifier Qualifier CHANGE NOTE: Code value '18' added and code value 'BL' removed per DM 784. 18 - Plan Number <i>Use '18' to denote Transportation Tracking Number.</i> 10 - Consolidation Shipment Number <i>Use '10' to denote Pallet ID</i> CHANGE NOTE: Code added per DM 1029. BM - Bill of Lading Number <i>Use 'BM' to denote Commercial Bill of Lading as well as Government Bill of Lading.</i> C7 - Contract Line Item Number CT - Contract Number PO - Purchase Order Number RQ - Purchase Requisition Number TG - Transportation Control Number (TCN)	M	ID	2/2	1	030	O	300			L1102	128	C ID 2/3
4	10	L11 SEGMENT - Commodity Code SEGMENT CONDITION: Use to report shipment commodity code if available. If multiple commodity codes apply, use this segment to identify one commodity code (prevailing or lead commodity for shipment, pallet, or container).	C		1	030	O	300						
4-01	10	Commodity Identification	M	AN	1/30	1	030	O	300			L1101	127	C AN 1/30
4-02	10	Commodity Identification Qualifier CH - Customer Catalog Number PG - Product Group STR - Standard Transportation Commodity Code (STCC) Replacement Code	M	ID	2/3	1	030	O	300			L1102	128	C ID 2/3
4-03	10	Description	C	AN	1/80	1	030	O	300			L1103	352	C AN 1/80

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

MOTOR CARRIER SHIPMENT STATUS
214.A.004010

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
5	10	K1 SEGMENT - Additional Carrier Information SEGMENT CONDITION: Use when Additional Carrier Information applies.	C	1	040	O	10							
5-01	10	Free-Form Message	M AN 1/30	1	040	O	10				K101	61	M AN	1/30
5-02	10	Free-Form Message	C AN 1/30	1	040	O	10				K102	61	O AN	1/30
6	70	N1 SEGMENT - Consignee Identification Carriers are encouraged to provide the consignee clear text name (N102), consignee identification code (N103 + N104), consignee address information in the N3 segment, and consignee geographic location information in the N4 segment. If the carrier is unable to provide the consignee identification code, it must provide the clear text name (N102), address (N3), and geographic location information (N4).	M	1	050	O	1	10	1	0100				
6-01	70	Consignee Identifier Code CN - Consignee	M ID 2/2	1	050	O	1	10	1	0100	N101	98	M ID	2/3
6-02	70	Consignee Name ELEMENT CONDITION: Carriers are encouraged to provide this data if it is available. It must be provided if an Identification Code is not provided at N103 and N104.	C AN 1/60	1	050	O	1	10	1	0100	N102	93	C AN	1/60
6-03	70	Identification Code Qualifier ELEMENT CONDITION: Required if N104 is used. 1 - D-U-N-S Number, Dun & Bradstreet 10 - Department of Defense Activity Address Code (DODAAC) 27 - Government Bill Of Lading Office Code (GBLOC) 33 - Commercial and Government Entity (CAGE) 9 - D-U-N-S+4, D-U-N-S Number with Four Character Suffix	C ID 1/2	1	050	O	1	10	1	0100	N103	66	C ID	1/2
6-04	70	Consignee DODAAC/GBLOC/CAGE/D-U-N-S/D-U-N-S+4 ELEMENT CONDITION: Carriers are encouraged to provide this data if it is available. It must be provided if identification is not provided at N102.	C AN 4/13	1	050	O	1	10	1	0100	N104	67	C AN	2/80
7	70	N2 SEGMENT - Consignee Additional Name SEGMENT CONDITION: Use when Consignee Additional Name applies.	C	1	060	O	1	10	1	0100				
7-01	70	Consignee Additional Name	M AN 1/60	1	060	O	1	10	1	0100	N201	93	M AN	1/60
8	70	N3 SEGMENT - Consignee Address Information SEGMENT CONDITION: Use when Consignee Address Information Applies.	C	1	070	O	2	10	1	0100				

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

MOTOR CARRIER SHIPMENT STATUS
214.A.004010

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
8-01	70	Consignee Address Information	M AN 1/55	1	070	O	2	10	1	0100	N301	166	M AN	1/55
9	70	N4 SEGMENT - Consignee Geographic Location Information If shipment is to a location other than the U.S. or Canada, carrier must provide the Consignee City Name (N401) and Consignee Country Code (N404). If shipment is to a location within the U.S. or to Canada, carrier must provide either the Consignee City Name (N401) and Consignee City/Province Code (N403) or the Consignee SPLC Qualifier (N405) and Consignee SPLC (N406).	M	1	080	O	1	10	1	0100				
9-01	70	Consignee City Name ELEMENT CONDITION: MANDATORY for all shipments to locations other than the U.S. and Canada. It is also MANDATORY for shipments within the U.S. and to Canada if SPLC is not provided in N405 and N406.	C AN 2/30	1	080	O	1	10	1	0100	N401	19	O AN	2/30
9-02	70	Consignee State or Province Code ELEMENT CONDITION: MANDATORY for shipments to a U.S. or Canadian Province consignee if SPLC is not provided in N405 and N406. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	C ID 2/2	1	080	O	1	10	1	0100	N402	156	O ID	2/2
9-03	70	Consignee Zip/Postal Code SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents	C ID 3/15	1	080	O	1	10	1	0100	N403	116	O ID	3/15
9-04	70	Consignee Country Code ELEMENT CONDITION: MANDATORY for all shipments to a location outside the U.S. or Canada. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm . Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.	C ID 2/3	1	080	O	1	10	1	0100	N404	26	O ID	2/3
9-05	70	Consignee SPLC Qualifier ELEMENT CONDITION: Required if N406 is used. SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) SL - U.S. SPLC	C ID 2/2	1	080	O	1	10	1	0100	N405	309	C ID	1/2
9-06	70	Consignee SPLC ELEMENT CONDITION: Carriers are encouraged to provide this data on shipments to locations within the U.S. and Canada.	C AN 9/9	1	080	O	1	10	1	0100	N406	310	O AN	1/30

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
10	71	N1 SEGMENT - Shipper Identifier Carriers are encouraged to provide the shipper clear text name (N102), shipper identification code (N103 + N104), shipper address information in the N3 segment, and shipper geographic location information in the N4 segment. If the carrier is unable to provide the shipper identification code, it must provide the clear text name (N102), address (N3), and geographic location information (N4).	M	1	050	O	1	10	1	0100					
													At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.		
10-01	71	Shipper Identifier Code SH - Shipper	M ID 2/2	1	050	O	1	10	1	0100	N101	98	M	ID	2/3
10-02	71	Shipper Name ELEMENT CONDITION: Carriers are encouraged to provide this data if it is available. It must be provided if an Identification Code is not provided at N103 and N104.	C AN 1/60	1	050	O	1	10	1	0100	N102	93	C	AN	1/60
10-03	71	Identification Code Qualifier ELEMENT CONDITION: Required if N104 is used. 1 - D-U-N-S Number, Dun & Bradstreet 10 - Department of Defense Activity Address Code (DODAAC) 27 - Government Bill Of Lading Office Code (GBLOC) 33 - Commercial and Government Entity (CAGE) 9 - D-U-N-S+4, D-U-N-S Number with Four Character Suffix	C ID 1/2	1	050	O	1	10	1	0100	N103	66	C	ID	1/2
10-04	71	Shipper DODAAC/GBLOC/CAGE/D-U-N-S/D-U-N-S+4 ELEMENT CONDITION: Carriers are encouraged to provide this data if it is available. It must be provided if identification is not provided at N102.	C AN 4/13	1	050	O	1	10	1	0100	N104	67	C	AN	2/80
													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.		
11	71	N2 SEGMENT - Shipper Additional Name SEGMENT CONDITION: Use when Shipper Additional Name applies.	C	1	060	O	1	10	1	0100					
11-01	71	Shipper Additional Name	M AN 1/60	1	060	O	1	10	1	0100	N201	93	M	AN	1/60
12	71	N3 SEGMENT - Shipper Address Information SEGMENT CONDITION: Use when Shipper Address Information applies.	C	1	070	O	2	10	1	0100					
12-01	71	Shipper Address Information	M AN 1/55	1	070	O	2	10	1	0100	N301	166	M	AN	1/55
13	71	N4 SEGMENT - Shipper Geographic Location Information	M	1	080	O	1	10	1	0100					
													If N406 is present, then N405 is required.		

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

MOTOR CARRIER SHIPMENT STATUS
214.A.004010

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
13-01	71	Shipper City Name ELEMENT CONDITION: MANDATORY for all shipments that originate outside the U.S. and Canada. It is also MANDATORY for shipments that originate within the U.S. and Canada if SPLC is not provided in N405 and N406.	C AN 2/30	1	080	O	1	10	1	0100	N401	19	O AN	2/30	
				A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.											
13-02	71	Shipper State or Province Code ELEMENT CONDITION: MANDATORY for all shipments that originate within the U.S. or Canada if SPLC is not provided in N405 and N406. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	C ID 2/2	1	080	O	1	10	1	0100	N402	156	O ID	2/2	
				N402 is required only if city name (N401) is in the U.S. or Canada.											
13-03	71	Shipper Zip/Postal Code SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents	C ID 3/15	1	080	O	1	10	1	0100	N403	116	O ID	3/15	
13-04	71	Shipper Country Code ELEMENT CONDITION: MANDATORY for all shipments that originate at a location outside the U.S. or Canada. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm . Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.	C ID 2/3	1	080	O	1	10	1	0100	N404	26	O ID	2/3	
13-05	71	Shipper SPLC Qualifier ELEMENT CONDITION: Required if N406 is used. SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) SL - U.S. SPLC	C ID 2/2	1	080	O	1	10	1	0100	N405	309	C ID	1/2	
13-06	71	Shipper SPLC ELEMENT CONDITION: Carriers are encouraged to provide this data on shipments from locations within the U.S. and Canada.	C AN 9/9	1	080	O	1	10	1	0100	N406	310	O AN	1/30	
14	71	L11 SEGMENT - Internal Customer Number SEGMENT CONDITION: Use this segment to report carrier's internal customer account number.	C	1	110	O	10	10	1	0100					
				At least one of L1101 or L1103 is required. If either L1101 or L1102 is present, then the other is required.											
14-01	71	Internal Customer Number	M AN 1/30	1	110	O	10	10	1	0100	L1101	127	C AN	1/30	

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

MOTOR CARRIER SHIPMENT STATUS
214.A.004010

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
14-02	71	Internal Customer Number Qualifier IT - Internal Customer Number	M	ID	2/2	1	110	O	10	10	1	0100	L1102	128	C ID 2/3
15	71	N1 SEGMENT - Party Who Signed Delivery Receipt SEGMENT CONDITION: Use when Party Who Signed Delivery Receipt applies.	C		1	050	O	1	10	1	0100	At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.			
15-01	71	Party Who Signed Delivery Receipt Code N5 - Party Who Signed the Delivery Receipt	M	ID	2/2	1	050	O	1	10	1	0100	N101	98	M ID 2/3
15-02	71	Party Who Signed Delivery Receipt Required to satisfy syntax.	M	AN	1/60	1	050	O	1	10	1	0100	N102	93	C AN 1/60
16	10	MS3 SEGMENT - LTL Interline Information SEGMENT CONDITION: This segment is required if the LTL carrier can provide the interline information. The carrier currently reporting status will provide the entire routing sequence up to and including the time at which it reports status. For example, it needs to list all the carriers that handled the shipment along the route.	C		1	120	O	12	If MS305 is present, then MS303 is required.						
16-01	10	Standard Carrier Alpha Code SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.	M	ID	2/4	1	120	O	12			MS301	140	M ID 2/4	
						MS301 is the Standard Carrier Alpha Code (SCAC) of the interline carrier.									
16-02	10	Routing Sequence Code 1 - 1st Carrier after Origin Carrier 2 - 2nd Carrier after Origin Carrier 3 - 3rd Carrier after Origin Carrier B - Origin/Delivery Carrier (Any Mode) O - Origin Carrier (Air, Motor, or Ocean)	M	ID	1/1	1	120	O	12			MS302	133	M ID 1/2	
16-03	10	City Name ELEMENT CONDITION: Provide city name or rail head of interline transfer point where identified carrier receives shipment, if available.	C	AN	2/30	1	120	O	12			MS303	19	C AN 2/30	
						MS303 is the city where the interline was performed.									
16-04	10	Transportation Method/Type Code Refer to X12 Standards, Version 4010, DE 91 for applicable code values. See Section 6 for list of data values.	C	ID	1/2	1	120	O	12			MS304	91	O ID 1/2	

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

MOTOR CARRIER SHIPMENT STATUS
214.A.004010

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION					
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes			
16-05	10	State or Province Code ELEMENT CONDITION: Provide this data if available. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	C	ID	2/2	1	120	O	12			MS305	156	O	ID	2/2	
17	100	LX SEGMENT - Shipment Status Event Loop At least one occurrence of the LX loop needs to appear. Repeat the LX loop for each shipment status event. Upon reporting pickup status, the carrier is encouraged to report estimated delivery date. This calls for the carrier to generate two LX loops, one for each status event. For Defense Transportation Coordination Initiative (DTCI) shipments, when reporting a shipment delayed (SD) status, provide an additional LX loop containing a revised estimated delivery date in the AT7 segment.	M			1	130	O	1	999999	1	0200					
17-01	100	Assigned Number This is a sequential number starting with one and incrementing by one for every occurrence of the LX segment.	M	N0	1/6	1	130	O	1	999999	1	0200	LX01	554	M	N0	1/6
18	110	AT7 SEGMENT - Shipment Status Use one occurrence of the AT7 loop per LX loop.	M			1	140	O	1	10	2	0205					
18-01	110	Shipment Status Code EXPLANATION OF CODE USAGE: For shipments that don't experience any other status event identified in this code list during a 24 hour period, carriers are requested, if able, to report En Route to Delivery Location status (code value 'X6'). When using shipment status code value 'X6', report the location of the shipment using the MS1 segment by either the city name/state/country code or longitude/latitude codes. For Defense Transportation Coordination Initiative (DCTI) shipments, in which the coordinator has reported a shipment delay, use code value 'X2' (Estimated Date and/or Time of Arrival at Consignee's Location) when including an additional AT7 segment with a revised estimated delivery date. See Section 6 for list of data values.	M	ID	2/2	1	140	O	1	10	2	0205	AT701	1650	C	ID	2/2

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

MOTOR CARRIER SHIPMENT STATUS
214.A.004010

DoD INFORMATION						X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION					
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
18-02	110	Shipment Status or Appointment Reason Code AD - Customer Requested Future Delivery <i>Use 'AD' to denote Customer Wouldn't Accept Delivery until after Mandatory Delivery Date.</i> AM - Shipper Related <i>Use 'AM' to denote Installation Closed When Pickup Was Attempted During Normal Business Hours.</i> AN - Holiday - Closed <i>Use 'AN' to denote Holiday - Installation Closed.</i> AO - Weather or Natural Disaster Related <i>Use 'AO' to denote Weather Conditions Prevented Pickup or Delivery.</i> AU - Civil Event Related Delay <i>Use 'AU' to denote Local Emergency/Act of God.</i> B1 - Consignee Closed <i>Use 'B1' to denote Installation Closed When Delivery Was Attempted During Normal Business Hours.</i> BB - Held per Shipper <i>Use 'BB' to denote Vendor not Ready for Pickup. When used, AT701 must equal 'SD - Shipment Delayed'.</i> BC - Missing documents BQ - Shipment Overweight <i>Use 'BQ' to denote Shipment Overweight/Over-dimensional.</i> C2 - Credit Hold <i>Use 'C2' to denote Bills Provided to Carrier without Freight.</i> HB - Held Pending Appointment <i>Use 'HB' to denote Appointment Required at Delivery Site.</i> NS - Normal Status P1 - Processing Delay <i>Use 'P1' to denote Appointment Required at Pickup Site.</i> S1 - Delivery shortage	M	ID	2/2	1	140	O	1	10	2	0205	AT702	1651	C	ID	2/2
18-05	110	Date of Status Event This is the date the status event occurred.	M	DT	8/8	1	140	O	1	10	2	0205	AT705	373	C	DT	8/8

DoD INFORMATION				X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
18-06	110	Time of Status Event ELEMENT CONDITION: Time status is MANDATORY for actual events and recommended for all other. This is the time status event occurred. This is local unless identified with a specific time zone in AT707.	C TM 4/8	1	140	O	1	10	2	0205	AT706	337	C TM 4/8	
18-07	110	Time Code ELEMENT CONDITION: Required if AT706 is used. The carrier will report code LT (Local Time) unless it is capable of reporting the time code of the location where the event occurred. The time code should be Greenwich Mean Time (GMT) or the time zone where the event occurred. If the zone or Universal Time Coordinate (UTC) also referred to as Greenwich Mean Time (GMT) are unavailable, carrier should use local time code. SOURCE: ISO 8601 available from American National Standards Institute 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	C ID 2/2	1	140	O	1	10	2	0205	AT707	623	O ID 2/2	
19	110	MS1 SEGMENT - Status Location SEGMENT CONDITION: This segment is required for all status events (AT701) except for code values 'A9', 'AG', 'AI', and 'OO'. When using periodic reporting procedures, indicate location using MS104, 05, 06, and 07. Otherwise, report location using MS101, 02, and 03. CHANGE NOTE: Segment Condition changed to include code value 'OO' per DM 751.	C	1	143	O	1	10	2	0205				
19-01	110	City Name ELEMENT CONDITION: For status events generated within CONUS and Canada, MS101 and MS102 are required. For those outside of CONUS, MS101 and MS103 are required. Provide MS102, if available.	C AN 2/30	1	143	O	1	10	2	0205	MS101	19	C AN 2/30	

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

MOTOR CARRIER SHIPMENT STATUS
214.A.004010

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
19-02	110	State or Province Code ELEMENT CONDITION: For status events generated within CONUS and Canada, MS101 and MS102 are required. For those outside of CONUS, MS101 and MS103 are required. Provide MS102, if available. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	C ID 2/2	1	143	O	1	10	2	0205	MS102	156	C	ID	2/2
19-03	110	Country Code ELEMENT CONDITION: For status events generated within CONUS and Canada, MS101 and MS102 are required. For those outside of CONUS, MS101 and MS103 are required. Provide MS102, if available. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm . Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.	C ID 2/3	1	143	O	1	10	2	0205	MS103	26	C	ID	2/3
19-04	110	Longitude Coordinates ELEMENT CONDITION: If the carrier has implemented this technology, it is encouraged to report this data for 24 hour periodic reporting. Qualify the longitude coordinates in the MS106. SOURCE: ISO 6709 available from ANSI	C ID 7/7	1	143	O	1	10	2	0205	MS104	1654	C	ID	7/7
19-05	110	Latitude Coordinates ELEMENT CONDITION: If the carrier has implemented this technology, it is encouraged to report this data for 24 hour periodic reporting. Qualify the latitude coordinates in the MS107. SOURCE: ISO 6709 available from ANSI	C ID 7/7	1	143	O	1	10	2	0205	MS105	1655	C	ID	7/7
19-06	110	Direction Identifier Code E - East W - West	C ID 1/1	1	143	O	1	10	2	0205	MS106	1280	O	ID	1/1
19-07	110	Direction Identifier Code N - North S - South	C ID 1/1	1	143	O	1	10	2	0205	MS107	1280	O	ID	1/1
20	110	MS2 SEGMENT - Conveying Equipment Identification SEGMENT CONDITION: Provide this data when conveying equipment identifiers are available.	C	1	146	O	1	10	2	0205					

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

MOTOR CARRIER SHIPMENT STATUS
214.A.004010

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
20-01	110	Standard Carrier Alpha Code SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.	M	ID	2/4	1	146	O	1	10	2	0205	MS201	140	C ID 2/4
20-02	110	Equipment Number	M	AN	1/10	1	146	O	1	10	2	0205	MS202	207	C AN 1/10
20-03	110	Equipment Description Code CHANGE NOTE: Code value 'CC' removed from list per DM 730. ALL code values assigned to DE 40 are available for use. See Section 6 for list of data values.	M	ID	2/2	1	146	O	1	10	2	0205	MS203	40	O ID 2/2
21	110	L11 SEGMENT - Status Location Code SEGMENT CONDITION: Carriers are encouraged to provide either status location, SPLC, Aerial Port, or postal code data where available. This segment may occur once per shipment status event (LX Loop).	C			1	150	O	10	999999	1	0200	At least one of L1101 or L1103 is required. If either L1101 or L1102 is present, then the other is required.		
21-01	110	SPLC or Postal Code SPLC, Aerial Port, or Postal Code (DG110)	M	AN	3/15	1	150	O	10	999999	1	0200	L1101	127	C AN 1/30
21-02	110	Status Location Qualifier 4L - Location-specific Services Reference Number <i>Use '4L' to denote International Civil Aviation Organization (ICAO) code of the location reported in the MS101 for events occurring at an airport.</i> LU - Location Number <i>Use 'LU' to denote Postal ZIP Code.</i> SPL - Standard Point Location Code (SPLC) ZZ - Mutually Defined <i>Use 'ZZ' to denote International Air Transport Association (IATA) code of the location reported in the MS101 for events occurring at an airport.</i>	M	ID	2/3	1	150	O	10	999999	1	0200	L1102	128	C ID 2/3
22	110	L11 SEGMENT - Stop-Off Sequence Number SEGMENT CONDITION: This segment is required when providing stop-off shipment status. This segment may occur once per shipment status event (LX Loop).	C			1	150	O	10	999999	1	0200	At least one of L1101 or L1103 is required. If either L1101 or L1102 is present, then the other is required.		
22-01	110	Stop-Off Sequence Number Enter stop-off sequence number.	M	AN	1/30	1	150	O	10	999999	1	0200	L1101	127	C AN 1/30
22-02	110	Stop-Off Sequence Number Qualifier QN - Stop Sequence Number	M	ID	2/2	1	150	O	10	999999	1	0200	L1102	128	C ID 2/3

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

MOTOR CARRIER SHIPMENT STATUS
214.A.004010

DoD INFORMATION						X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION					
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
22-03	110	SPLC	C	AN	9/9	1	150	O	10	999999	1	0200	L1103	352	C AN	1/80	
23	100	Q7 SEGMENT - Lading Information SEGMENT CONDITION: Carriers are encouraged to provide this data if available. This segment may occur once per shipment status event (LX Loop).	C			1	160	O	10	999999	1	0200					If Q702 is present, then Q703 is required.
23-01	100	Lading Exception Code A - All Short D - Damaged E - Entire Shipment Refused O - Overage P - Partial Shipment W - Wrong Product	M	ID	1/1	1	160	O	10	999999	1	0200	Q701	33	M ID	1/1	
23-02	100	Packaging Form Code Refer to X12 Standards, Version 4010, DE 211 for applicable code values ELEMENT CONDITION: Carriers are encouraged to provide this data if available. See Section 6 for list of data values.	C	ID	3/3	1	160	O	10	999999	1	0200	Q702	211	O ID	3/3	
23-03	100	Lading Quantity	C	N0	1/7	1	160	O	10	999999	1	0200	Q703	80	C N0	1/7	
24	100	K1 SEGMENT - Additional Carrier Information SEGMENT CONDITION: Carriers are encouraged to report information for comment or special instruction.	C			1	170	O	10	999999	1	0200					
24-01	100	Free-Form Message	M	AN	1/30	1	170	O	10	999999	1	0200	K101	61	M AN	1/30	
24-02	100	Free-Form Message	C	AN	1/30	1	170	O	10	999999	1	0200	K102	61	O AN	1/30	
25	100	AT5 SEGMENT - Special Handling SEGMENT CONDITION: Carriers are encouraged to report this information if available. This segment may occur once per shipment status event (LX Loop).	C			1	180	O	10	999999	1	0200					Only one of AT501 or AT503 may be present. Only one of AT502 or AT503 may be present.
25-01	100	Special Handling Code Refer to X12 Standards, Version 4010, DE 152 for applicable code values See Section 6 for list of data values.	C	ID	2/3	1	180	O	10	999999	1	0200	AT501	152	C ID	2/3	

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

MOTOR CARRIER SHIPMENT STATUS
214.A.004010

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
25-02	100	Special Services Code Refer to X12 Standards, Version 4010, DE 560 for applicable code values See Section 6 for list of data values.	C	ID	2/10	1	180	O	10	999999	1	0200	AT502	560	C ID 2/10
25-03	100	Special Handling Description	C	AN	2/30	1	180	O	10	999999	1	0200	AT503	153	C AN 2/30
26	100	AT8 SEGMENT - Weight Information SEGMENT CONDITION: Carriers are encouraged to provide this data if available. This segment may occur once per shipment status event (LX Loop).	C			1	200	O	10	999999	1	0200			
26-01	100	Weight Qualifier ELEMENT CONDITION: Required if AT802 and AT803 are used. A3 - Shippers Weight B - Billed Weight FR - Freight Weight G - Gross Weight N - Actual Net Weight PA - Pallet Weight SK - Skid Weight T - Tare Weight WX - [Migration Code] Net Explosive Weight	C	ID	1/2	1	200	O	10	999999	1	0200	AT801	187	C ID 1/2
26-02	100	Weight Unit Code ELEMENT CONDITION: Required if AT801 and AT802 are used. K - Kilograms L - Pounds S - Short Ton	C	ID	1/1	1	200	O	10	999999	1	0200	AT802	188	C ID 1/1
26-03	100	Weight ELEMENT CONDITION: Required if AT801 and AT802 are used.	C	R	1/10	1	200	O	10	999999	1	0200	AT803	81	C R 1/10
26-04	100	Lading Quantity 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.	C	N0	1/7	1	200	O	10	999999	1	0200	AT804	80	O N0 1/7

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

MOTOR CARRIER SHIPMENT STATUS
214.A.004010

DoD INFORMATION						X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION					
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
26-05	100	Lading Quantity 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.	C	N0	1/7	1	200	O	10	999999	1	0200	AT805	80	O	N0	1/7
26-06	100	Volume Unit Qualifier ELEMENT CONDITION: Required if AT807 is used. 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	C	ID	1/1	1	200	O	10	999999	1	0200	AT806	184	C	ID	1/1
26-07	100	Volume ELEMENT CONDITION: Required if AT806 is used.	C	R	1/8	1	200	O	10	999999	1	0200	AT807	183	C	R	1/8
27	900	SE SEGMENT - Motor Carrier Shipment Status Trailer	M			1	610	M	1								
																	SE is the last segment of each transaction set.
27-01	900	Number of Included Segments Total segments in this transaction set including the ST and SE segments.	M	N0	1/10	1	610	M	1			SE01	96	M	N0	1/10	

DoD INFORMATION				X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
27-02	900	Transaction Set Control Number This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.	M AN 4/9	1	610	M	1				SE02	329	M AN 4/9

Section 5.0

IC ELEMENTS IN EDI FORMAT

Contents

This section contains seven examples of the 214 transaction set as used for the 214 Interchange Convention.

The first four examples illustrate the use of the 214 for the carriers to report shipment pickup, arrival and departure from a terminal or transshipment point, and the delivery to a delivery location (i.e. POE) or delivery to the consignee. The fifth example illustrates the preferred method of identifying the consignee and shipper by using only the DoDAAC in the N1 segment. The sixth example illustrates a shipment that does not experience a status event identified in the AT701 code list during a 24 hour period. The seventh example illustrates reporting an estimated arrival date/time at the delivery location when the carrier picks up the shipment.

Example 1: Carrier Shipment Pickup

Example 2: Carrier Arrived Terminal (Transshipment)

Example 3: Carrier Departed Terminal (Transshipment)

Example 4: Shipment Arrived Delivery (Consignee) Location

Example 5: Global Transportation Network Preferred Shipper and Consignee Identification

Example 6 - TL 24 Hour Periodic Reporting

Example 7 - Carrier Picks Up Shipment and Reports Estimated Arrival Time

How to Read the Examples

Each example approximates a complete X12 transaction. Each example begins with a transaction header segment (ST) and ends with a transaction trailer segment (SE) and represents a complete transaction unless otherwise noted. Data element separators are delimited with a tilde (“~”). Sub-element separators are delimited with a colon (“:”). The new line (“n/l”) character delimits end of segment. Notes in **bold text** explain key segments in transaction.

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Example 1 – Carrier Shipment Pickup

ST~214~0001 n/l
B10~1350227488~G6950395~RDWY n/l

N1~CN~NAVAL AIR STATION JACKSONVILLE n/l
N2~TRANSPORTATION OFFICER n/l
N3~BLDG 111 DOOR 24 n/l
N4~JACKSONVILLE~FL~322120000 n/l

N1~SH~Defense Distribution Region West n/l

N2~SAN DIEGO n/l
N3~2680 WODEN ST BLDG 3304 n/l
N4~ SAN DIEGO~CA~92136~US n/l

LX~001 n/l
AT7~AF~BG~~~19980219~1015~PD n/l
MS1~SAN DIEGO~CA~US n/l
MS2~RDWY~123456~TF n/l

Q7~O~BOX~1 n/l
AT8~N~L~500~3~~E~15 n/l
SE~17~0001 n/l

Transaction set header
Carrier Shipment ID, Government Shipment ID, SCAC
Consignee Name
Consignee Additional Name
Consignee Additional Address
Consignee City Name, State, Postal Code, Country
Shipper, Name, Identification Code Qualifier, DoDAAC
Shipper Additional Name
Shipper Additional Address
Shipper City Name, State, Postal Code, Country
Starts the LX Loop
Carrier Pick-Up Delivery
Event Location
Trailer Number and type carrying the shipment
Lading Exception
Shipment Weight and Volume
Transaction Set Trailer

Example 2 – Carrier Arrived Terminal (Transshipment)

ST~214~0001 n/l
B10~1350227488~G6950395~RDWY n/l

N1~CN~NAVAL AIR STATION JACKSONVILLE n/l
N2~TRANSPORTATION OFFICER n/l
N3~BLDG 111 DOOR 24 n/l
N4~JACKSONVILLE~FL~322120000 n/l

N1~SH~Defense Distribution Region West n/l

N2~SAN DIEGO n/l
N3~2680 WODEN ST BLDG 3304 n/l

Transaction set header
Carrier Shipment ID, Government Shipment ID, SCAC
Consignee Name
Consignee Additional Name
Consignee Additional Address
Consignee City Name, State, Postal Code, Country
Shipper, Name, Identification Code Qualifier, DoDAAC
Shipper Additional Name
Shipper Additional Address

N4~ SAN DIEGO~CA~92136~US n/1

LX~001 n/1

AT7~X4~BG~~~1998021~1600~CD n/1

MS1~DALLAS~TX~US n/1

MS2~RDWY~123456~TF n/1

Q7~O~BOX~1 n/1

AT8~N~L~500~3~~E~15 n/1

SE~17~0001 n/1

**Shipper City Name, State, Postal
Code, Country**

Starts the LX Loop

Carrier Pick-Up Delivery

Event Location

**Trailer Number and type carrying
the shipment**

Lading Exception

Shipment Weight and Volume

Transaction Set Trailer

Example 3 – Carrier Departed Terminal (Transshipment)

ST~214~0001 n/1

B10~1350227488~G6950395~RDWY n/1

N1~CN~NAVAL AIR STATION JACKSONVILLE n/1

N2~TRANSPORTATION OFFICER n/1

N3~BLDG 111 DOOR 24 n/1

N4~JACKSONVILLE~FL~322120000 n/1

N1~SH~Defense Distribution Region West n/1

N2~SAN DIEGO n/1

N3~2680 WODEN ST BLDG 3304 n/1

N4~ SAN DIEGO~CA~92136~US n/1

LX~001 n/1

AT7~P1~BG~~~1998021~1900~CD n/1

MS1~DALLAS~TX~US n/1

MS2~RDWY~791234~TF n/1

Q7~O~BOX~1 n/1

AT8~N~L~500~3~~E~15 n/1

SE~17~0001 n/1

Transaction set header

**Carrier Shipment ID, Government
Shipment ID, SCAC**

Consignee Name

Consignee Additional Name

Consignee Additional Address

**Consignee City Name, State, Postal
Code, Country**

Shipper Name

Shipper Additional Name

Shipper Additional Address

**Shipper City Name, State, Postal
Code, Country**

Starts the LX Loop

Carrier Pick-Up Delivery

Event Location

**Trailer Number and type carrying
the shipment**

Lading Exception

Shipment Weight and Volume

Transaction Set Trailer

Example 4 - Shipment Arrived Destination (Consignee)

ST~214~0001 n/l
B10~1350227488~G6950395~RDWY n/l

N1~CN~NAVAL AIR STATION JACKSONVILLE n/l
N2~TRANSPORTATION OFFICER n/l
N3~BLDG 111 DOOR 24 n/l
N4~JACKSONVILLE~FL~322120000 n/l

N1~SH~Defense Distribution Region West n/l
N2~SAN DIEGO n/l
N3~2680 WODEN ST BLDG 3304 n/l
N4~ SAN DIEGO~CA~92136~US n/l

LX~001 n/l
AT7~X1~BG~~~1998023~1900~CD n/l
MS1~JACKSONVILLE~FL~US n/l
MS2~RDWY~791234~TF n/l

Q7~O~BOX~1 n/l
AT8~N~L~500~3~~E~15 n/l
SE~17~0001 n/l

Transaction set header
Carrier Shipment ID, Government Shipment ID, SCAC
Consignee Name
Consignee Additional Name
Consignee Additional Address
Consignee City Name, State, Postal Code, Country
Shipper Name
Shipper Additional Name
Shipper Additional Address
Shipper City Name, State, Postal Code, Country
Starts the LX Loop
Carrier Arrived at Delivery Location
Event Location
Trailer Number and type carrying the shipment
Lading Exception
Shipment Weight and Volume
Transaction Set Trailer

Example 5 - Preferred Shipper and Consignee Identification

ST~214~0001 n/l
B10~1350227488~G6950395~RDWY n/l

N1~CN~~10~V09047 n/l
N1~SH~~10~SW3218 n/l
LX~001 n/l
AT7~X1~BG~~~1998021~1900~CD n/l

MS1~DALLAS~TX~US n/l
MS2~RDWY~791234~TF n/l

Q7~O~BOX~1 n/l
AT8~N~L~500~3~~E~15 n/l

Transaction set header
Carrier Shipment ID, Government Shipment ID, SCAC
Consignee DoDAAC
Shipper DoDAAC
Starts the LX Loop
Carrier Arrived Transshipment Location
Event Location
Trailer Number and type carrying the shipment
Lading Exception
Shipment Weight and Volume

SE~11~0001 n/l

Transaction Set Trailer

Example 6 - TL 24 Hour Periodic Reporting

ST~214~0001 n/l

B10~1350227488~G6950395~HJBT n/l

N1~CN~~10~V09047 n/l

N1~SH~~10~ SW3218 n/l

LX01~001 n/l

AT7~X6~BG~~~19980220~0825~PD n/l

MS1~LAS CRUCES~NM~US~~~~~n/l

AT8~N~L~25000 n/l

SE~9~0001 n/l

Transaction Set Header

**Carrier Shipment ID, Government
Shipment ID, SCAC**

Consignee DoDAAC

Shipper DoDAAC

Starts the LX Loop

Carrier Enroute to Delivery Location

Event Location

Shipment Weight

Transaction Set Trailer

Example 7 - Carrier Picks Up Shipment and Reports Estimated Arrival Time

ST~214~0001 n/l

B10~1350227488~G6950395~RDWY n/l

N1~CN~~10~V09047 n/l

N1~SH~~10~SW3218 n/l

LX~001 n/l

AT7~AF~BG~~~19980219~1015~PD n/l

MS1~SAN DIEGO~CA~US n/l

MS2~RDWY~123456~TF n/l

LX~002 n/l

AT7~AG~BG~~~19980223~1600~ED n/l

MS1~JACKSONVILLE~FL~US n/l

Q7~O~BOX~1 n/l

AT8~N~L~500~3~~E~15 n/l

SE~14~0001 n/l

Transaction set header

**Carrier Shipment ID, Government
Shipment ID, SCAC**

Consignee DoDAAC

Shipper DoDAAC

Starts the LX Loop

Carrier Pick-Up Delivery

Event Location

**Trailer Number and type carrying
the shipment**

Starts the LX Loop

**Estimated Arrival Time at
Jacksonville FL**

Event Location

Lading Exception

Shipment Weight and Volume

Transaction Set Trailer

Section 6.0

APPLICATION CODE LISTS

16-04 -- Transportation Method/Type Code

Data Value - Definition

6 - Military Official Mail
7 - Mail
A - Air
AC - Air Charter
AE - Air Express
AF - Air Freight
AH - Air Taxi
AR - Armed Forces Courier Service (ARFCOS)
B - Barge
BP - Book Postal
BU - Bus
C - Consolidation
CE - Customer Pickup / Customer's Expense
D - Parcel Post
DA - Driveaway Service
DW - Driveaway, Truckaway, Towaway
E - Expedited Truck
ED - European or Pacific Distribution System
F - Flyaway
FA - Air Freight Forwarder
FL - Motor (Flatbed)
GG - Geographic Receiving/Shipping
GR - Geographic Receiving
GS - Geographic Shipping
H - Customer Pickup
HH - Household Goods Truck
I - Common Irregular Carrier
J - Motor
K - Backhaul
L - Contract Carrier
LA - Logair
LT - Less Than Trailer Load (LTL)
M - Motor (Common Carrier)
MB - Motor (Bulk Carrier)
MP - Motor (Package Carrier)
N - Private Vessel
O - Containerized Ocean
P - Private Carrier
PA - Pooled Air
PG - Pooled Piggyback
PL - Pipeline
PP - Pool to Pool
PR - Pooled Rail
PT - Pooled Truck
Q - Conventional Ocean
R - Rail
RC - Rail, Less than Carload
RR - Roadrailer
S - Ocean
SB - Shipper Agent
SC - Shipper Agent (Truck)
SD - Shipper Association
SE - Sea/Air
SR - Supplier Truck
SS - Steamship
ST - Stack Train
T - Best Way (Shippers Option)
TA - Towaway Service
TC - Cab (Taxi)
TT - Tank Truck
U - Private Parcel Service
VA - Motor (Van)
VE - Vessel, Ocean
VL - Vessel, Lake
W - Inland Waterway
WP - Water or Pipeline Intermodal Movement
X - Intermodal (Piggyback)
Y - Military Intratheater Airlift Service
Y1 - Ocean Conference Carrier
Y2 - Ocean Non-Conference Carrier
ZZ - Mutually defined

18-01 -- Shipment Status Code

Data Value - Definition

A3 - Shipment returned to shipper
A7 - Refused by Consignee
*** Use 'A7' to denote Shipment refused by consignee.*
A9 - Shipment Damaged
AF - Carrier Departed Pick-up Location with Shipment
AG - Estimated Delivery
AH - Attempted Delivery
AI - Shipment has been Reconsigned
AL - [Migration Code] Shipment Conveyance Loaded to Rail Car
AM - Loaded on Truck
AR - Rail Arrival at Destination Intermodal Ramp
BC - Storage in Transit
BO - [Migration Code] Shipment Conveyance Reported Bad Order
BR - [Migration Code] Shipment Conveyance Released from Bad Order
CA - Shipment Cancelled
CD - Carrier Departed Delivery Location
CP - Completed Loading at Pick-up Location
CT - [Migration Code] Customs Release
D1 - Completed Unloading at Delivery Location
J1 - Delivered to Connecting Line
K1 - Arrived at Customs
L1 - Loading
LC - [Migration Code] Shipment Container Loaded to Chassis
NB - [Migration Code] Shipment Conveyance Received without Paperwork
OA - Out-Gate
OO - Paperwork Received - Did not Receive Shipment or Equipment
*** Use 'OO' to denote Bid/Tender Award Received.*
P1 - Departed Terminal Location
R1 - Received from Prior Carrier
RH - [Migration Code] Shipment Conveyance Released from Hold
S1 - Trailer Spotted at Consignee's Location
SD - Shipment Delayed
UC - [Migration Code] Shipment Container Unloaded from Chassis
UR - [Migration Code] Shipment Conveyance Unloaded from Rail Car
X1 - Arrived at Delivery Location
X2 - Estimated Date and/or Time of Arrival at Consignee's Location
X4 - Arrived at Terminal Location
X5 - Arrived at Delivery Location Loading Dock
X6 - En Route to Delivery Location

20-03 -- Equipment Description Code

Data Value - Definition
20 - 20 ft. IL Container (Open Top)
2B - 20 ft. IL Container (Closed Top)
2D - Control Unit
2E - Helper Unit
2F - Roadrailer
2G - Cut-in Helper
40 - 40 ft. IL Container (Open Top)
4B - 40 ft. IL Container (Closed Top)
AC - Closed Container
AF - Air Freight (Break Bulk)
AL - Container, 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
BX - Boxcar
CA - Caboose
CB - Chassis, Gooseneck
CD - Container with Bag Hangers
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
DF - Container with Flush Doors
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
FT - Flat Bed Trailer
FX - Boxcar Cushion Under Frame OF
GS - Generator Set
HB - Container with Hangar Bars
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
ID - Idler Car
IX - Boxcar (Insulated)
LO - Locomotive
LS - Half Height Flat Rack
LU - Load/unload Device on Equipment
NX - Boxcar (Interior Bulkheads)
OB - Ocean Vessel (Break Bulk)
OT - Open-top/flatbed trailer
OV - Open Top Van
PL - Container, Platform
PP - Power Pack
PT - Protected Trailer
PU - Pick-up Truck

20-03 -- Equipment Description Code (CONT)

Data Value - Definition
RA - Fixed-Rack, Flat-Bed Trailer
RC - Refrigerated (Reefer) Car
RD - Fixed-Rack, Double Drop Trailer
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
RT - Controlled Temperature Trailer (Reefer)
SA - Saddle
SC - Service Car
SD - Single-Drop Trailer
SK - Stack Car
SL - Container, Steel
SR - STAK-RAK
SS - Container with Smooth Sides
ST - Removable Side Trailer
SV - Van - Special Inside Length, Width or Height Requirements
TA - Trailer, Heated/Insulated/Ventilated
TB - Trailer, Boat
TC - Trailer, 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
TQ - Trailer, Electric Heat
TR - Tractor
TT - Telescoping Trailer
TU - Truck, Open Top Low Side
TV - Truck, Van
TW - Trailer, Refrigerated
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
VA - Container, Vented
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
WY - Railroad Maintenance of Way Car

23-02 -- Packaging Form Code

Data Value - Definition
AMM - Ammo Pack
BAG - Bag
BAL - Bale
BBL - Barrel
BDL - Bundle
BEM - Beam
BIC - Bing Chest
BIN - Bin
BKG - Bulk Bag
BLK - Bulk
BOB - Bobbin
BOT - Bottle
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
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
COL - Coil
CON - Cones
COR - Core
CRD - Cradle
CRT - Crate
CSK - Cask
CTN - Carton
CUB - Cube
CYL - Cylinder
DBK - Dry Bulk
DRK - Double-length Rack
DRM - Drum
DSK - Double-length Skid
DTB - Double-length Tote Bin
DUF - Duffle Bag
ENV - Envelope
FIR - Firkin
FLO - Flo-bin
FLX - Liner Bag Liquid
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
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

23-02 -- Packaging Form Code (CONT)

Data Value - Definition
MLV - MILVAN - Military Van
MRP - Multi-Roll Pack
MSV - MSCVAN - Military Sealift Command Van
MXD - Mixed Type Pack
NOL - Noil
OVW - Overwrap
PAL - Pail
PCK - Packed - not otherwise specified
PCS - Pieces
PIR - Pims
PKG - Package
PLF - Platform
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
SCS - Suitcase
SHK - Shook
SHT - Sheet
SID - Side of Beef
SKD - Skid
SKE - Skid, elevating or lift truck
SLP - Slip Sheet
SLV - Sleeve
SPI - Spin Cylinders
SPL - Spool
SVN - SEAVAN - Sea Van
TBE - Tube
TBN - Tote Bin
TKR - Tank Car
TKT - Tank Truck
TLD - Intermodal Trailer/Container Load (Rail)
TNK - Tank
TRC - Tierce
TRI - Triwall Box
TRK - Trunk and Chest
TRU - Truck
TRY - Tray
TSS - Trunk, Salesmen Sample
TTC - Tote Can
TUB - Tub
UNP - Unpacked
UNT - Unit
VEH - Vehicles
VPK - Van Pack
WHE - On Own Wheel
WLC - Wheeled Carrier
WRP - Wrapped

25-01 -- Special Handling Code

Data Value - Definition
045 - Advanced Fee
15 - Speed Restricted to 15 Miles per Hour
170 - Certificate of Origin
25 - Speed Restricted to 25 Miles per Hour
35 - Speed Restricted to 35 Miles per Hour
45 - Speed Restricted to 45 Miles per Hour
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 Pick-Up
675 - Security Signature Service
761 - Written Proof of Delivery
A1M - Aggregate 1000
A3M - Aggregate 3000
A5M - Aggregate 5000
AAS - Attendants Accompanying
AB - Car is Air Brake Controlled
ADL - Advance Loading
AFN - Air Craft Furnished and Not Used
AGG - Aggregate Tender Discount
AGS - Armed Guard Service
AIB - Additional Injection/Blending Service
AK - Attachment - Auto Keys
ALP - Port Changes
ALT - Use of Alternate Terminal
AMM - A.M. Delivery Requirement
ANC - Anchoring and Unanchoring
APD - Additional Copy of Shipping Papers for Proof of Delivery
APL - Appliance Servicing
ARC - Air Conditioning Disconnect and Connect
ARG - Rail Armed Guard Service
ARR - Air Ride Tractor Service
ART - Air Ride Truck Service
ASY - Assembly Service Requested
AT - Attachment to Move with Car
AUX - Auxiliary Service
AV - Annual Volume
AW - Attachments - Advance Only Waybill
BA - Clearinghouse Balance
BCP - Bypass Consolidation Point
BKA - Bulky Article
BL - Blowable Load
BLK - Blocking and Bracing
BLS - Blind Shipment
BN - If Bad Ordered Notify Shipper
BNS - Bolster Load, Do Not Switch
BOX - Boxing Service - Dry Bulk
BU2 - Bunker Adjustment - 20 Foot Container
BU4 - Bunker Adjustment - 40 Foot Container
BUA - Bunker Adjustment
BW - Bill Shipper for Weigh Charge
CA2 - Currency Adjustment - 20 Foot Container
CA4 - Currency Adjustment - 40 Foot Container
CAR - ROEE Car or Pick-up Truck
CC - Container, Consolidator Load
CCB - Convert Commercial Bill of Lading (BOL) to Government BOL
CCH - Certification
CCS - Carrier Caboose
CD - Attachment - Customer's Document
CDD - Corrosion Additive Service
CE - Cleared for Export
CF - Container, Factory Load
CFC - Customs Fees - Container Level
CFL - Customs Fees - Lift Level
CGC - Carrier Guard Car Service
CGR - Return Carrier Guard Car Service
CGT - Cargo Taxes
CH - Carrier
CHN - Chain and Binders
CI - Customs Inspection
CIP - Commercial Invoice Preparation
CIS - Constant Surveillance
CLN - Cleaning

25-01 -- Special Handling Code (CONT)

Data Value - Definition
CLS - Class Rates Applied
CM - Attachment - Cotton Manifest
CMD - Comb. Rates over Detroit
CNL - Consolidation and Line Haul
CNS - Consolidation
CO - No Marshalling Required for Hazardous Materials
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
CR - Circus Ramp Only (TOFC Van)
CRL - Container Lease
CSD - Courier, Same Day
CSP - Government Caboose
CTL - Controlled Atmosphere
CTM - Container Mounting
CTR - Circuitous Routing
CUF - Currency Adjustment - Break Bulk
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
DBL - Double Wide Separate and Reassemble
DBP - Delivery of Fuel From Barge to Pipeline
DCS - DOD Constant Surveillance Service
DDN - Dual Driver with National Agency Check
DDP - Dual Driver Protective Service
DDS - Direct Delivery
DDZ - Drayage at Port of Debarkation (Rate Zone)
DE - Demurrage
DEL - Delivery Service
DEP - Detention of Conveying Equipment and the Power Unit
DET - Detention of Conveying Equipment Excluding the Power Unit
DEZ - Drayage at Port of Embarkation (Rate Zone)
DFD - Keep From Freezing Percent Differential
DFM - 410 Dromedary with Mechanical Restraining Devices
DFS - 410 Dromedary
DIS - Distribution Service Requested
DLP - Delivery of Fuel From Rail Tank Car to Pipeline
DLR - Notify Shipper Immediately if Shipment is Delayed en Route
DM - Domestic
DN - Shipper Authorization Required for Diversion or Consignment
DNC - Do Not Couple to Other Diaphragmed Cars
DNF - Do Not Freeze
DNT - Do Not Couple to Tank Cars
DOC - Documentation - Special
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)
DR - Drop Yard
DRO - Drop-Off Delivery
DRU - Drumming Service
DS - Delivery Only on Surrender of Written Order
DSK - Do Not Couple to Double Shelf Couples
DSM - Dromedary with Mechanical Restraining Devices
DSR - Dromedary Service Requested
DSV - Door Side Vanning
DT - Dead in Tow
DTB - Labor Associated with Detention of Conveying Equipment
DTP - Delivery of Fuel From Tank Truck or Trailer to Pipeline
DTV - Detention (Vehicle)
DU - Do Not Uncouple
DV - Equipment
DW - Destination Weights Apply
DWP - Detention With Power Units (60 minute periods)
EAX - Extra Axles
ECR - Escort/Courier Service
ECS - Empty Railcar Ordered But Not Used
ED - Excessive Dimensions
EDD - Equipment Hose at Destination
EDO - Equipment Hose at Origin
EE - Electronic Equipment Transfer

25-01 -- Special Handling Code (CONT)

Data Value - Definition
EED - Exclusive Use
EL - Environmental Control Limits
ELS - Extra Lights
EMR - Emergency Service
EMT - Empty Movement
END - Endorsement
EP - Expedite
ER - Return Empty Via Reverse Route
ERS - Empty Return
ERT - Satisfactory Service Standards
EV - Damages Incurred if Shipment Fails to Meet Vessel Loading
EW - Excessive Weight
EX - Explosive Flammable Gas
EXC - Exclusive Use of Vehicle
EXD - Extra Driver
EXL - Extra Length Surcharge
EXO - Export Preparation
EXP - Expedited Rates Applied
EXQ - Expedited Service
EXT - Extra Labor
EXU - Exclusive Use of Vehicle Damaged
EXZ - Expand Remove and Install
EZE - Roadway Easy Rates Applied
FA - Face "A-end" to Head of Train
FAK - Barge Freight All Kinds Service
FAS - Firearms
FB - Face "B-end" to Head of Train
FC - Moving Under "For Furtherance Instructions" and May Be Delivered
FCS - Furnishing Chassis
FD - Full Service
FFC - Fuel Filters Furnished by Carrier
FFS - Fuel Filters Furnished by Shipper
FG - Flammable Gas
FL - Flammable
FLS - Flatrack Surcharge
FP - Flammable Poison Gas
FPT - For Processing in Transit
FR - Fragile - Handle with Care
FRZ - Accepted by Carrier at Owner's Risk of Freezing
FS - Nontransit Flat Shipment
FST - For Storage in Transit
FTR - Filtration Service
GI - Grain Inspection
GMS - Garment Surcharge
GOC - Government-Owned Containers
GSP - Government Guard Car
GSS - Greater Security Service
HAL - Hold at Location
HAN - Handling
HBR - Hand Brakes at Each End Must Be Released
HDH - Shipment Holdover for Holidays
HDW - Shipment Holdover for Weekends
HE - Head End Car
HEA - Heat in Transit
HES - Heat - Special
HET - Heat With Steam
HH - Household
HM - Endorsed as Hazardous Material
HMA - Accessible Hazardous Material
HMI - Inaccessible Hazardous Material
HO - Hold for Orders
HOL - Sunday or Holiday Pickup or Delivery
HOR - 24 Hour Availability
HOS - Hose
HOX - Special Hose
HP - Heated Prior to Loading
HQT - High Cube Trailer Rates
HR - Home for Repair
HRS - Heater or Refrigeration
HT - Heat
HTI - Hitch Installation
HV - High Value Load
HW - High Wide Load
HZC - Hazardous Materials Surcharge
HZD - Hazardous Cargo On Deck
IB - In-bond
IC - Ice
ID - Shipment to be Inspected at Destination and Disposition Instructions will be Furnished

25-01 -- Special Handling Code (CONT)

Data Value - Definition
IDC - Idler Car
IDL - Inside Delivery
IIH - Icing Inhibitor Service
IM - Interoffice Move
IMP - Impactographs
IMS - Intermodal Shipment Service
INT - Intra-Plant Move
IP - Import Shipment
IPU - Inside Pickup
IR - Rail Incentive Rate
IS - Surveillance Service
ITS - Interline Transfer Service
JIT - Just-In-Time (JIT)
JLX - Joint Line Exception
JS - Junction Settlement Account
KEG - Certification that the Containers Being Returned Empty Were Received Filled by Rail Freight Service
KMD - Keep Material Dry
LAB - Labor Disturbance
LAY - Layover
LB - Land Bridge (Import/Export)
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
LC - Car Trip Leased to Consignee
LC2 - Land Currency Adjustment Factor - 20 Foot Container
LC4 - Land Currency Adjustment - 40 Foot Container
LCL - Percent Differential - Less Than Container
LD - Loading Devices
LEC - Less Than Container
LF - Loaded to Full Visible Capacity
LFD - Linehaul from Port of Debarkation
LHS - Linehaul Service
LIE - Liability of Carrier
LMD - Liner Terms at Port of Debarkation
LME - Liner Terms at Port of Embarkation
LN - Less Than Container, Consolidator Load
LP - Protect Lowest Through Rate
LPD - Linehaul Percent Differential
LR - Less Than Container, Factory Load
LS - Local Service Only
LT - Less Than Full Carload
LTE - Linehaul To Port of Embarkation
LTT - Less Than Truckload
LYC - Layover Service
MAT - Modified Atmosphere
MC - Person in Charge of Car
MEN - Escort Service with Overnight Subsistence
MES - Escort
MET - Escort Services (Telephone)
MF - Cleared for Border Crossing
MIN - Insulated
MNS - Motor Surveillance Service
MOT - Other
MP - Multiple Pickup
MR - Mechanical Refrigeration
MRF - Refrigerated
MSS - Motor Surveillance Service
MTE - Military Traffic Expediting Service
MVS - Special Motor Surveillance
NC - Notify Consignee Before Delivery
ND - Do Not Divert
NE - No Special Entrainment Required
NH - Do Not Hump
NHC - Do not Hump or Hump into
NHL - Do Not Use Helper Locomotive to Push
NI - New Equipment First Transborder Movement
NP - Do Not Pool
NPR - No Placards Required
NS - Notify Shipper Before Reconsignment
NSV - Nose Side Vanning
NT - Do Not Transfer Contents
NW - In Case of Fire Do Not Use Water
NX - Not for Export
OAH - Stow Away from Heat
OBL - Block Stowage
OCA - Cargo Aboard
OCL - Carrier Load and Consignee Unload
OCN - Over Height Container

25-01 -- Special Handling Code (CONT)

Data Value - Definition
OCS - Completing Shipment
OCV - Delivery Verification Not Required
ODI - Stow with Doors Facing Inward
OEH - Exempt Commodity
OFH - In Front of House Stowage
OFU - Fumigation
OHC - Harmless
OIL - Oil Field Service
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
OS - Commodity Loaded Less Than or Equal To the Car Ordered
OSB - Stow Below Deck
OST - Stow Between Decks
OTC - Temperature Control
OTD - Time of Delivery and Signature Required
OTH - On Top In-hatch Stowage
OTO - On Top On-deck Stowage
OTS - Total Shipment
OUC - Under Container On-deck Stowage
Ouw - Below Water Line Stowage
OV - Overweight
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
PB - Perishable in Box Car
PD - Privately Controlled Private Equipment Subject to Demurrage
PDS - Pickup and Delivery From Storage in Transit
PDY - Pickup and Delivery Beyond Service Area
PER - Special Permits
PFH - Protect From Heat
PG - Poisonous Gas
PHR - Per Hour Rates Applied
PI - Iced Prior to Loading
PIR - Pier Time
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
PPD - Pickup and Delivery Service for Perishables
PRL - Prelodge
PRT - Stuffing Charge
PS - Product Protection Service
PSG - Protective Service Security with Armed Guards
PSS - Protective Security Service
PTS - Protective Tarp For Security Purposes
PUC - Pickup
PUD - Pickup and Delivery
PUK - Pack and Unpack
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
PW - Attachment - Prepaid Waybill
PYS - Priority Service
RA - Return Authorization
RB - Render Bill for Charges
RC - Railroad Controlled Private Equipment Subject to Demurrage
RCC - Reconsignment
RCL - Redelivery
RDH - Railhead Handling
RDR - Roadrailer Service
REP - Respotting
RES - Residential Delivery
RFM - Reefer Maintenance
RIE - Released Value Charge in Excess of Carrier Maximum Liability
RLS - Relocation of Vehicle

25-01 -- Special Handling Code (CONT)

Data Value - Definition
RM - Radioactive Material
RMC - Return of Empty Container
RMP - Return Movement of Pallet
RMS - Rail Surveillance
RO - Rush Order
RPD - Reefer Cargo Percent Differential
RR - Rear Rider
RRR - Round Trip Service
RS - Inspect Hourly if Car Stopped
RSP - Reshipment
RSS - Restricted Speeds
RSV - Reservations
RT - Record for Transit
RWR - Reweight Requested
SAS - Shipment Holdover on Weekends
SAT - Saturday Pickup or Delivery
SB - Shipper Load/Carrier Count
SC - Shove to Rest and Cover
SCC - Special Containers
SCL - Shipper Load and Consignee Unload
SD - Subject to Special Detention Rules/Charges
SDL - Split Delivery
SDS - Special Dromedary Service
SE - Attachment - Shipper's Export Document
SEC - Special Equipment Charge
SED - Shipper Export Declaration Required
SEE - Stairs, Elevator, Excess Carry
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
SGL - Single Shipment
SH - Shiftable Load
SHH - Shipment Holdover on Holidays
SHL - Shipper Load
SHW - Shipment Holdover on Weekdays
SI - Ship to Cross Dock or Pool
SK - Requires Shelf Couplers
SKT - Skirting and Unskirting
SLC - Shipper Load and Count
SM - Attachment - Shipper's Manifest
SMP - Small Package
SMS - Satellite Surveillance Service
SNM - Transmit a Ship Notice/Manifest Transaction Set
SNS - Satellite Surveillance Service
SNT - Shipment from Non-Temp Storage
SOC - Stop-off
SOL - Shipper Load and Carrier Unload
SP - Attachment - Shipper's Packing Instructions
SPC - Special Permit
SPR - Spreader Service
SPT - Spot for Storage - No Shipment
SPU - Split Pickup
SR - Speed Restricted
SRG - Storage
SRS - Surveying Routes
SSC - Stripping, Sorting & Consolidation
SSN - Substitute Service Not to be Used
SSU - Pole Lashing Equipment (PLE) Surcharge
ST - Stack Train
STA - Conductivity/Anti-static Additive
STD - Stopoff at Destination
STO - Stowage
STP - Stopoff at Origination
STR - Signature and Tally Record
SUA - Spot for Unloading from A End
SUB - Spot for Unloading from B Brake End
SUP - Supervisor Requested
SVS - Storage of Vehicles
SW - Stretch Wrap
TA - Cars Temporarily Articulated
TC - Trailer, Consolidator Load
TDC - Truckload-Double Operator-Common Carrier
TDP - Truckload-Double Operator-Padded Van
TER - Terminal Handling Charges
TF - Trailer, Factory Load

25-01 -- Special Handling Code (CONT)

Data Value - Definition
TLS - Tendered as Truckload (Truckload Service Requested)
TMS - Multi-Tank Surveillance Service
TMV - Tendering of Multiple Vehicles
TN - Turn Car
TOF - Trailer on Flat Car
TPS - Third Party Service
TRA - Tractor Only
TRK - Truck Rates Applicable
TRL - Trailer Preparation - Special
TRM - Termination
TRN - Transfer Product
TRP - Tire Repair and Replace
TRS - Trade Show
TRT - Tractor and Trailer
TS - Transit Shipment
TSC - Truckload-Single Operator-Common Carrier
TSP - Truckload-Single Operator-Padded Van
TSS - Tank Surveillance Service
TT - Team Track Delivery
TV - Time Volume Rates Only
UB - Unload at Bumper (Circus Ramp)
UFC - Under Carriage Furnished By Carrier
UI - Unitized
UL - Unload from Left Side of Car
UN - Unload as Placarded
UP - Unprotected Perishable
UPK - Unpacking
UR - Unload from Right Side of Car
URC - Unloading or Reloading
US - Shipper Certifies Gross Weight under 240,000 pounds
UTL - Utilities Disconnect and Connect
VAC - Vacuum Service
VAN - ROEE Van Type Truck
VCL - Van Cleaning
VFN - Vehicles Furnished But Not Used
VIS - Vehicles Inoperable
VN - Verification Weigh
VSO - Stop Off Delivery of Personal Vehicles
VT - Ventilation Instructions
VTS - Vehicles in Truckaway
WB - Wide-Body Pickup Truck (Applies to Finished Vehicle Loading)
WBB - Wharfage - Breakbulk
WCT - Wharfage - Container
WD - Waived Inspection - Set Direct
WDS - Waterfront Delivery
WE - Weigh Empty
WFG - Wharfage
WH - Attachments - High Wide Notice
WI - Waive Inspection
WM - Manifest Must Accompany Waybill
WO - Weigh to Check for Overload
WRB - War Risk Crew Bonus
WRI - War Risk Insurance
WTV - Weight Verification
WW - Waste Water
XP - Export
XT - Cross Town
ZZZ - Mutually Defined

25-02 -- Special Services Code

Data Value - Definition
A0010 - Alterations
A0020 - Anneal/Heat (Steel or Glass Treatment)
A0030 - Art Work
AC - Acid (Battery)
AD - Accept at Destination
AF - Affidavit
AG - Aircraft On Ground (AOG)
AM - Administration
AO - Accept at Origin
B0020 - Black Lung Tax
B0040 - Burning
BH - Buyer Hand Carry
BI - Bill and Hold
BOP - Bop Sheet
C0012 - Capping
C0032 - Coating (Dip, Rustproof, EDP)
C0036 - Certificate of Conformance
C0038 - Certificate of Origin
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
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
D0020 - Determined Freight
D0024 - Layout/Design
D0031 - Driver Assisted Unloading
D0032 - Driver Assisted Loading
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
E0030 - Exclusive use
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
FS - Floor Stock Protection
G0010 - Grinding
G0052 - Government Inspection
GI - Grouped Items
GP - Gas Pressure
GU - Guaranteed Inspection Technical Service
H1 - Temperature Protection
HC - Handling Service
HH - Hointins and Hauling
HS - Hauling and Hoisting
I0012 - Installation
I0013 - Installation & Warranty
I0021 - Inspection
I0022 - Identification
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

25-02 -- Special Services Code (CONT)

Data Value - Definition
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
M0010 - Memo Returnable Container
M0042 - Mounting
MI - Mail Invoice
ML - Mail Invoice to Each Location
MNTAN - Annual Maintenance
MNTMN - Monthly Maintenance
MNTON - One-Time Maintenance
N0020 - Non-returnable Containers
N0021 - Non-Returnable
N0032 - Notarized Affidavit
NC - Notify Consignee Before Delivery
OA - Outside Cable Connectors
ON - On-site Service
OP - Oversized Package
P0012 - Painting (Primer or Finish)
P0014 - Phosphatizing (Steel Treatment)
P0016 - Pickle and Oil
P0018 - Plating
P0022 - Preparation
PA - Pack Invoice with Shipment
PB - Previous Billing
PC - Packaging Service
PE - Pulling Eyes
PF - Proof & Composition
PL - Palletizing
PLI - Pilot Inspection
PM - Perpetual Movement
PO - Purchase Option
PP - Progress Payment Requirement
PSF - Pickup Service Furnished
R0072 - Repair
R0076 - Returnable Container
R0077 - Returnable
R0110 - Rework
RD - Residential Delivery
RE - Recall Service
RM - Roundtrip Movement
RP - Return Parts to Customer
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
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
SLP - Slip Sheet
SPI - Specification Review
SR - Slip Sheet, Rail
SS - Tax Liability - One Time
ST - Tax Liability - Amortized
SU - Set-up
SV - Service Center
SW - Swell
T0070 - Tools for Printing
T1 - Onetime Tooling
TC - Ticketing Service
TE - Tendered as Truckload
TH - Technology Exchange
TM - Consecutive Movement
TO - Tooling

25-02 -- Special Services Code (CONT)

Data Value - Definition
UN - Unitized US - USDA Inspected, Stamping Certification V1 - Drop Yard V2 - Drop Dock W0010 - Warranties WC - Will Call WH - Warehousing X0010 - Combine All Same Day Shipment XP - Expanded Service XX - Third Party Pallets YY - Split Pickup ZZ - Mutually Defined