



Department
of
Defense

DoD
Transportation
Electronic Data
Interchange (EDI)
Convention

ASC X12 Transaction Set 858
Freight Government Bill of
Lading Shipment Information
(Version 003050)

DRAFT

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Defense Logistics Management Standards Office
Fort Belvoir, VA 22060-6221

10.0 DoD 858 CONVENTION

ASC X12 Transaction Set 858 Shipment Information (Version 003050)

**Formatting Government Bill of Lading information using the
X12.18 Transaction Set 858 Shipment Information**

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Formatting Government Bill of Lading information using the X12.18 Transaction Set 858 Shipment Information (Version 003050).

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10.i INTRODUCTION

This is an Electronic Data Interchange (EDI) systems design document that describes the standard or "convention" the Department of Defense (DoD) uses to process a Government Bill of Lading (Standard Form 1103) using the ASC X12.18 Transaction Set 858 Shipment Information (003050). It contains information for the design of interface computer programs that link systems application computer programs with an EDI translator computer program.

To obtain information about the use of this implementation convention, contact the:

United States Transportation Command
J4-LT
508 Scott Drive
Scott Air Force Base, IL 62225-7001

To obtain DoD conventions or ASC X12 guidance or to recommend DoD conventions or ASC X12 maintenance, contact the:

Defense Logistics Management Standards Office
Attn: DLMSO (Room 1655), HQ DLA
8725 John J Kingman Rd., Suite 2533
Ft. Belvoir, VA 22060-6221

Who Needs to Use This Document

Computer programmers can use this document to relate the data in an EDI transaction with data requirements from their specific application database. Conversely, programmers can identify where their applications data requirements should be carried in an EDI transaction.

Why Use a Convention

There are more ways to complete an EDI transaction than there are ways to fill out a blank form. A convention defines the rules for filling in or "populating" an EDI transaction with a specific data set. Following a convention ensures the integrity of data that is produced and processed by EDI capable computer systems.

Contents

Four sections are included in this document.

- Section 10.2, Control Segments, identifies the specific data requirements for formatting the EDI interchange control segments needed to send and receive EDI transactions.
- Section 10.5, Application Mapping Matrix, lists the DoD's data requirements and specifies where each data element should be carried in the transaction set. This section can be used to map an existing application database into the transaction set.

- Section 10.7, DoD Conventions, lists the layout of the target transaction set by segment and data element. Identified along side each transaction set data element is the application mapping data element from Section 10.5. This section can be used to interpret segments and data elements of a populated transaction set.
- Appendices may contain examples of populated transaction sets, DoD code lists, and other items that serve as references for software developers.

10.2 Control Segments

Overview

This chapter describes the EDI control segments (interchange control and functional group segments). The control segment information was derived from the ASC X12 Standards Draft Version 3 Release 5 (003050).

Purpose

This chapter identifies the specific data requirements for formatting the EDI control segments when transmitting and receiving EDI transactions. The format and data content of the control segments are usually managed by EDI translation software. The data requirements described herein should be used to set control segment formats when installing or initializing translation software for transmission and reception of EDI transactions.

Contents

Two items are included in this chapter.

- Table 10.2-1, Interchange Control Segment Hierarchy, identifies the control segments in their order of occurrence in an EDI communications interchange.
- Table 10.2-2, DoD Convention ASC X12 Control Segments, presents a detailed description of the DoD's data conventions for formatting EDI standard control segments. All segments identified in Table 10.2-1 are broken down and described by their discrete data elements.

Special Instructions

Any unique eight-bit (byte) character could serve as data element separator, segment terminator, or subelement separator, provided each character is disjoint from all data elements within an interchange and that these do not conflict with telecommunications protocols necessary to the transmission of the interchange. The following recommended values conform with information published in Electronic Data Interchange, X12 Standards, Version 3, Release 5, Interchange Control Structures, Section 4.3 Delimiter Specifications.

Data Element Separator

While the data element separator is graphically displayed as an asterisk (*) in ASC X12 documentation, it is the value employed in the fourth byte of an interchange envelope that actually assigns the separator that the translators will use throughout an interchange.

ASC X12 recommends the ASCII character with hexadecimal value "1D" for use as the data element separator (gs).

Segment Terminator

Likewise, the control envelope establishes the byte value used for segment termination within an interchange. ASC X12 documentation usually portrays this as a new line (n/l) character, but the actual segment terminator for an interchange will be the byte value occurring immediately following the ISA16 segment.

ASC X12 recommends the ASCII character with hexadecimal value "1C" for use as the segment (fs) terminator.

Subelement Separator

The ISA segment provides a discrete element (ISA16) for defining the subelement separator within an interchange. Although designated as reserved for future expansion in Version 3, Release 5, a value in ISA16 is required.

ASC X12 recommends the ASCII character with hexadecimal value "1F" for use as the subelement separation (us) character.

**Interchange Control Envelope
 Control Segments**

Industry	Pos No.	Seg ID	Name	Req Des	Use	Loop
USE	10	ISA	Interchange Control Header	M	1	
USE	20	GS	Functional Group Header	M	1	
			<ul style="list-style-type: none"> • • Grouped Transactions • 			
USE	30	GE	Functional Group Trailer	M	1	
USE	40	IEA	Interchange Control Trailer	M	1	

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TABLE 10.2-2

DoD Convention ASC X12 Control Segments

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Segment: **ISA** Interchange Control Header
Usage: M
Purpose: To start and identify an interchange of one or more functional groups and interchange-related control segments.
Note: The interchange control number value in this header must match the value in the same data element in the corresponding interchange control trailer.

Data Element Summary

Authorization Qualifier
[001]

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
ISA01	I01	Authorization Information Qualifier	M ID 2/2
		Code to identify the type of information in the authorization information.	
		<u>Code</u> <u>Definition</u>	
		00 No Authorization Information Present.	

Authorization Info
[002]

If no authorization information is agreed to by the trading partners, fill field with zeroes.

ISA02	I02	Authorization Information	M AN 10/10
		Information used for additional identification or authorization of the sender or the data in the interchange. The type of information is set by the Authorization Information Qualifier.	

Security Qualifier
[003]

ISA03	I03	Security Information Qualifier	M ID 2/2
		Code to identify the type of information in the security information.	
		<u>Code</u> <u>Definition</u>	
		00 No Security Information Present.	

ISA04	I04	Security Information	M AN 10/10
		This is used for identifying the security information about the sender or the data in the interchange. The type of information is set by the Security Information Qualifier.	

Security Info
[004]

If no security information is agreed to by the trading partners, fill field with zeroes.

Sender Qualifier
[005]

Use authorized X12 code list.

Sender ID
[006]

DoD activities use Department of Defense Activity Address Code (DoDAAC) or other code coordinated with the Defense Transportation EDI Program Administrator. Non-DoD activities use identification code qualified by ISA05 and coordinated with value-added network (VAN).

Interchange Qualifier
[007]

Use authorized X12 code list.

ISA05 I05 Interchange ID Qualifier M ID 2/2
Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.

ISA06 I06 Interchange Sender's ID M AN 15/15
Identification code published by the sender for other parties to use as the receiver ID to route data to them. The sender always codes this number in the sender ID element.

ISA07 I05 Interchange ID Qualifier M ID 2/2
Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.

ISA08 I07 Interchange Receiver's ID M AN 15/15
Identification code published by the receiver of the data. When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them.

<p>Receiver ID [008]</p> <p>DoD activities use Department of Defense Activity Address Code (DoDAAC) or other code coordinated with the DefenseTransportation EDI ProgramAdministrator. Non-DoD activities use identification code qualified by ISA07 and coordinated with value-added network (VAN).</p> <p>Date [009]</p> <p>Date assigned by translation software.</p> <p>Time [010]</p> <p>Time, expressed in HHMM format, assigned by translation software.</p> <p>Standards ID [011]</p> <p>Version ID [012]</p> <p>Version/release of control segment, as defined or agreed upon by the trading partners.</p>	<p>ISA09 I08 Interchange Date M DT 6/6 Date of the interchange.</p> <p>ISA10 I09 Interchange Time M TM 4/4 Time of the interchange.</p> <p>ISA11 I10 Interchange Control Standards M ID 1/1 Identifier Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer.</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Definition</u></th> </tr> </thead> <tbody> <tr> <td>U</td> <td>U.S. EDI Community of ASC X12, TDCC, and UCS</td> </tr> </tbody> </table> <p>ISA12 I11 Interchange Control Version M ID 5/5 Number This version number covers the interchange control segments.</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Definition</u></th> </tr> </thead> <tbody> <tr> <td>00305</td> <td>Draft Standard for Trial Use Approved for Publication by ASC X12 Procedures Review Board Through October 1994</td> </tr> </tbody> </table>	<u>Code</u>	<u>Definition</u>	U	U.S. EDI Community of ASC X12, TDCC, and UCS	<u>Code</u>	<u>Definition</u>	00305	Draft Standard for Trial Use Approved for Publication by ASC X12 Procedures Review Board Through October 1994
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<u>Code</u>	<u>Definition</u>								
00305	Draft Standard for Trial Use Approved for Publication by ASC X12 Procedures Review Board Through October 1994								

Interchange Control Number
[013]
Number assigned by translation software.

Acknowledgment Request
[014]
Code value agreed upon by trading partners.

Test Indicator
[015]
Code value agreed upon by trading partners.

Subelement Separator
[016]
ASC X12 recommends the ASCII character with hexadecimal value "1F" for use as the subelement separation character.

ISA13 I12 Interchange Control Number M N0 9/9
This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.

ISA14 I13 Acknowledgment Requested M ID 1/1
Code sent by the sender to request an interchange acknowledgement.

<u>Code</u>	<u>Definition</u>
0	No Acknowledgment Requested
1	Interchange Acknowledgement Requested

ISA15 I14 Test Indicator M ID 1/1
Code to indicate whether data enclosed by this interchange envelope is test or production.

<u>Code</u>	<u>Definition</u>
P	Production Data
T	Test Data

ISA16 I15 Subelement Separator M AN 1/1
This is a field reserved for future expansion in separating data element subgroups. (In the interest of a migration to international standards, this must be different from the data element separator).

Segment: **GS** Functional Group Header

Usage: M

Purpose: To indicate the beginning of a functional group and to provide control information.

Comment: 00 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

04 GS04 is the Group Date.

05 GS05 is the Group Time.

Syntax Notes: 06 The data interchange control number GS06 in this header must be identical to the same data element in the associated Functional Group Trailer GE02.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
GS01	479	Functional ID Code	M ID 2/2
		Code identifying a group of application related Transaction Sets.	

Functional ID
[020]

Code Definition

SI 858 - Shipment Information

GS02	142	Application Sender's Code	M AN 2/15
		Code identifying party sending transmission. Codes agreed to by trading partners.	

Sender's Code
[021]

DoD activities use Department of Defense ActivityAddress Code (DoDAAC). Non-DoD activities use identification code assigned by DoD activity. Recommend for increased security that non-DoD code differ from that used in ISA06.

GS03	124	Application Receiver's Code	M AN 2/15
		Code identifying party receiving transmission. Codes agreed to by trading partners.	

<p>Receiver's Code [022]</p> <p>DoD activities use Department of Defense ActivityAddress Code (DoDAAC). Non-DoD activities use identification code assigned by DoD activity. Recommend for increased security that non-DoD code differ from that used in ISA08.</p>					
<p>Date [023]</p> <p>Date assigned by translation software.</p>	<p>GS04 373 Date M DT 6/6 Date (YYMMDD).</p>				
<p>Time [024]</p> <p>Time, expressed in HHMM format, assigned by translation software.</p>	<p>GS05 337 Time M TM 4/6 Time expressed in 24 hour clock time (HHMMSS) (Time range: 000000 through 235959).</p>				
<p>Group Control Number [025]</p> <p>Number assigned by translation software.</p>	<p>GS06 28 Group Control Number M NO 1/9 Assigned number originated and maintained by the sender.</p>				
<p>Agency Code [026]</p> <p>Indicates that an ANSI X12 standard is being transmitted.</p>	<p>GS07 455 Responsible Agency Code M ID 1/2 Code used in conjunction with Data Element 480 to identify the issuer of the standard.</p>				
	<table border="1"> <thead> <tr> <th>Code</th> <th>Definition</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>Accredited Standards Committee X12</td> </tr> </tbody> </table>	Code	Definition	X	Accredited Standards Committee X12
Code	Definition				
X	Accredited Standards Committee X12				
	<p>GS08 480 Version/Release/Industry Id M AN 1/12 Code Code indicating the version, release, subrelease and industry identifier of the EDI standard being used (see X12 Dictionary).</p>				

Version/Release
[027]

Version/release for transactions in
the functional group. See X12
Dictionary for source code list.

<u>Code</u>	<u>Definition</u>
003050	Draft Standard Approved for Publication by ASC X12 Procedures Review through October 1994.

Segment: **GE** Functional Group Trailer
Usage: M
Purpose: To indicate the end of a functional group and to provide control information.

Comment: 00 The use of identical data interchange control numbers in the associated functional group header and trailer is assigned to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Syntax Notes: 02 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated Functional Group Header GS06.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
-----------	--------------	------	------------

GE01	97	Number of Included Sets	M N0 1/6
-------------	-----------	--------------------------------	-----------------

Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element.

Number of Segments
[028]

Number assigned by translation software.

GE02	28	Group Control Number	M N0 1/9
-------------	-----------	-----------------------------	-----------------

Assigned number originated and maintained by the sender.

Group Control Number
[029]

Number assigned by the translation software. This control number matches the control number that occurs in GS06.

Segment: IEA Interchange Control Trailer

Usage: M

Purpose: To define the end of an interchange of one or more functional groups and interchange-related control segments.

Note: The interchange control number in this trailer must match the value in the same data element in the corresponding interchange header.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
IEA01	I16	Number of Included Functional Groups	M N0 1/5
		A count of the number of functional groups included in a transmission.	

Functional Group Count
[040]

Number assigned by translation software.

IEA02	I12	Interchange Control Number	M N0 9/9
		This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.	

Interchange Control Number
[041]

Number assigned by translation software. This number matches the number that occurs in ISA13.

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10.5 APPLICATION MAPPING MATRIX

Overview

This chapter lists the data element cross-reference for DoD ASC X12.18 Transaction Set 858 Shipment Information (003050). We derived the application mapping cross-reference from the following:

- Review of the rules in the Defense Traffic Management Regulations (DTMR).
- Analysis of ASC X12.18 Transaction Set 858 Shipment Information Transaction Set (Version 003050).
- Analysis of sample paper GBLs.
- Comments submitted by Defense activities and commercial carriers involved in the DoD's EDI program in transportation.

Purpose

This chapter identifies the specific data in an application and their corresponding EDI mapping into the Transaction Set 858. The resultant application mapping matrix can be used to identify data elements from an existing application database. If no application exists, the mapping matrix provides enough information to develop a database design to automate the application. With an application in place, the matrix will expedite mapping of the database into a commercial EDI translation package. All trading partners who plan to exchange the 858 with DoD can use this application mapping matrix to develop their database/EDI translator interface program.

Contents

Table 10.5-1, Application Mapping Matrix, lists all discrete data elements required for the bill of lading, corresponding segments, and data element numbers for the ASC X12.18 Transaction Set 858 Shipment Information.

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TABLE 10.5-1

APPLICATION MAPPING MATRIX

Data Requirement for Generating U.S. Government Bills of Lading (Standard Form 1103) using the ASC X12.18 Transaction Set 858 Shipment Information.

How To Read This Table

Table 10.5-1 cross-references discrete Government Bill of Lading data requirements to the corresponding segment and data elements of the Transaction Set 858. The following definitions explain how Table 10.5-1 is organized. Understanding the information in this table requires familiarity with EDI standards.

Government References

The first three columns on the left in Table 10.5-1 identify the specific bill of lading data element.

- **DATA NAME:** Lists individual data elements required to complete a Government Bill of Lading. Users should identify these elements with a data name in their internal data base systems.
- **INDEX:** Three entries may appear in this column and represent various levels of indexing used to sort the data names in a data dictionary.
- **DATA GRP:** This column contains a numeric value which is used to classify data elements to a functional area of a business transaction set. See Special Instructions below for further explanation.

EDI References

The remaining seven columns identify the detailed mapping of each data name into Transaction Set 858. Use of these references is explained below in "How To Use This Table".

- **TBL:** The table area of the transaction set where the data are mapped. 1 = header, 2 = detail, 3 = summary.
- **POS:** The sequential position of a specific segment within the table area of the transaction set.
- **REF DES:** The alphanumeric characters identify a transaction set segment; the two numeric characters in the column identify a data element position in the segment.

- DE #: The EDI data element number that appears at that position in the segment.
- DoD REQ (Segment): The M designator indicates mandatory usage for a segment. Unless specifically stated, the C (Conditional) designator should be interpreted as "if available."
- DoD REQ (Element): The mandatory (M) designator for an element applies only if the segment is used. Unless specifically stated, the C designator should be interpreted as "if available."
- VALUE: The recommended code value(s) that should be used.
- DoD CONVENTIONS NOTES: Additional information about the data as they apply to DoD use.
- CHANGE NOTE: This note summarizes a change made to the data element since the last publication of the convention document. In addition, the requester of the change is noted at the end of the change note.
- PICTURE CLAUSE: {This information may be included in future publications. It may be used to further standardize and/or clarify the format of data generated by trading partner application systems.}

How To Use This Table

This table traces a data element to a specific data element in the EDI transaction set convention Table 10.7-3.

1. Select any data element from the DATA NAME list.
2. Identify the TBL, POS, and REF DES for that DATA NAME.
3. Go to Table 10.7-2, DoD Segment Hierarchy.
4. Find the TBL (Table 1 = header, etc.) in the hierarchy.
5. Locate the segment that corresponds to the POS and the REF DES. (NOTE: Where the POS does not appear in some hierarchy tables, use the segment ID identified by the alphanumeric characters in the REF DES.)
6. In the left-hand column, identify the page number of the segment ID.
7. Turn to that page number in Table 10.7-3.
8. In Table 10.7-3, find the REF DES from step 2 under the Ref. Des. column to the right of the double vertical lines on the page.
9. You have now traced a data element from Table 10.5-1 to Table 10.7-3.

From Table 10.5-1, the DATA NAME along with its INDEX and the DoD CONVENTION appear in the left-hand column of Table 10.7-3. The EDI standard definition of the data element appears in the right-hand column of the page.

Each DATA NAME from Table 10.5-1 can be traced to the transaction set in this manner.

NOTE: To reference from Table 10.7-3 back to Table 10.5-1, use the INDEX as a look-up key.

Special Instructions

- The electronic Government Bill of Lading (GBL) is divided into 535 data elements. In Table 10.5-1, each data element is identified by a unique index.
- This document attempts to separate the 535 data elements into logical groups. Two hundred thirty one (231) of these data are carried in the 858, Table 2 - Detail Area, within the LX segment loop. (See Appendix C for examples.) The groups will provide for a more structured and therefore more readable Transaction Set 858.
- Data carried in the X12 format must be identified by "qualifier" codes. Usually, these codes must be generated by the interface software between the application data base and the translator.
- Data Groups (Data Grp) identify related data. The groups are described below:
 - > Data Group 10 - Header Information. Elements in this group, with few exceptions, appear only once on a paper GBL. They occur in the header area of the transaction set.
 - > Data Group 60 - Equipment Information. Use this group according to the type of shipment (e.g., Load or Less than Load). Repeat this group for each piece of equipment furnished by the carrier. Additionally, classify equipment ordered and shipper owned equipment under this group. Definitions of Primary Equipment, Secondary Equipment, and Shipper Owned Equipment must be followed when implementing this data group. See Appendix C examples for a detailed explanation of equipment definitions.
 - > Data Group 70 - Address Information. Repeat this group for each address.
 - > Data Group 71 - Destination Address Information.
 - > Data Group 72 - Origin Address Information.
 - > Data Group 73 - Consignee Address Information.

- > Data Group 74 - Shipper Address Information.
 - > Data Group 75 - Diversion or Reconsignment Address Information.
 - > Data Group 76 - Transfer Point Address Information.
 - > Data Group 77 - Invoice Address Information.
 - > Data Group 78 - Issuing Officer Address Information.
 - > Data Group 79 - FOB Point Address Information.
 - > Data Group 80 - Stop-off Information. Repeat this group for each shipment stop-off, including destination. Never include the origin address in this group.
 - > Data Group 100 - Commodity Header Information. As a general rule, use this group once for each line item.
 - > Data Group 120 - Commodity Detail Information. This group can repeat under group 100. Repeat this group for each type pack under a line item.
 - > Data Group 190 - HAZMAT Information. This group may occur once for each group 100.
 - > Data Group 200 - Shipment Weight Information. Repeat this group for each weight classification, i.e. net, tare, pallet, etc.
 - > Data Group 300 - Accessorial/Protective Service Information. Repeat this group for each service furnished for the shipment.
 - > Data Group 301 - Fuel Surcharge Information.
 - > Data Group 400 - Commodity Summary Information. Repeat this group for each commodity type in the shipment.
 - > Data Group 500 - Quality Control Information. Use this group once per GBL.
 - > Data Group 990 GBL Totals Information. Use this group once per GBL.
- DoD recommends attributes for many data elements. These attributes were obtained from the Electronic Operatin Instructions for Defense Shipping Activities (May 1994), Military Traffic Management Command.
 - Each occurrence of a segment is identified by a separate data element (segment header). This will become standard practice for all conventions that address version 003050 and higher.

- **Changes since the last publication date (950215) are underlined. In addition, Appendix X contains a summary of all changes.**

DoD INFORMATION				DoD	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes	Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
1	10	ST SEGMENT		M	1	10	M	1							
2	10	Transaction Set Identifier Code		M ID 3/3	1	10		1				ST01	143	M ID 3/3	
		858 - X12.18 Shipment Information													
3	10	Transaction Set Control Number		M AN 9/9	1	10		1				ST02	329	M AN 4/9	
4	10	BX SEGMENT		M	1	30	M	1							
5	10	Transaction Set Purpose Code		M ID 2/2	1	30		1				BX01	353	M ID 2/2	
		00 - Original 01 - Cancellation 04 - Change 14 - Advance Notification 20 - Final Transmission													
6	10	Transportation Method Code (Mode Code)		M ID 1/2	1	30		1				BX02	91	M ID 1/2	
		See Section 6.0 for appropriate code values.													
7	10	Method of Payment		M ID 2/2	1	30		1				BX03	146	M ID 2/2	
		CC - Collect CD - Collect on Delivery PP - Prepaid (by Seller)													
8	10	GBL Number		O AN 8/8	1	30		1				BX04	145	M AN 1/30	
		Should always be included in DoD shipment information for a GBL transaction. First position is type alpha, followed by seven positions of numeric. Carry either original or most recent GBL number here. Carry other alternate bill of lading numbers in the N9 where the GBL number appears. Note: Do not use any punctuation or special characters.													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
9	10	Transportation Company Tendered To (SCAC)		O ID 2/4	1	30		1				BX05	140	M ID 2/4	
<p>Use SCAC of origin carrier. SCAC should be validated against the National Motor Freight Transportation Association (NMFTA) SCAC reference file. CHANGE NOTE: Per shipper's instructions.</p>															
10	10	Bill Purpose/Application Type Code		O ID 1/1	1	30		1				BX07	147	M ID 1/1	
<p>Use synonym code values 'F' to indicate Negotiated Rates for Foreign Military Sales GBLs, 'G' to indicate Negotiated Rates for Guaranteed Traffic GBLs, and 'M' to indicate Commercial Rates for Foreign Military Sales GBLs. CHANGE NOTE: Per DM #245 as modified. Also deletes use of BX14 from this IC. B - Bill of Lading for Individual Shipment F - Stop-off Shipment G - Switch Waybill M - Master Bill of Lading for Assembly, Distribution and Volume Shipment</p>															
11	10	Vehicle Fully Loaded (Capacity Load Status)		O ID 1/1	1	30		1				BX09	195	C ID 1/1	
<p>Include if shipment is tendered as truckload. F - Full Capacity</p>															
12	10	Defense Transportation Tracking System Reporting Qualifier		O ID 1/1	1	30		1				BX10	160	C ID 1/1	
<p>Include if DTTS tracking is required. Use of this element results in immediate Military Transportation Management Command (MTMC) processing for DTTS shipments. R - Automatic Status Report Requested</p>															
13	10	BNX SEGMENT		C	1	40	C	1							
14	10	Shipment Weight Code		O ID 1/1	1	40		1				BNX01	460	M ID 1/1	
<p>S - Shipper Certified Scale Weights T - Tariff Authorized Weight</p>															
15	10	Billing Code		O ID 1/1	1	40		1				BNX03	11	M ID 1/1	
<p>V - Normal Bill of Lading</p>															

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 Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
16	10	N9 SEGMENT		M	1	60	M	30							
17	10	Transaction Content ID Qualifier		M ID 2/2	1	60		30				N901	128	M ID 2/3	
		FI - File Identifier													
18	10	Transaction Content ID		O AN 2/2	1	60		30				N902	127	M AN 1/30	
		This data element identifies the application contents of the 858. These are unique codes to DoD and should be used by all trading partners to identify the data content in the transaction set. Qualify in N901. CI - Cost Information CR - Cost Request DC - Doubtful Claim SC - Shipment and Cost Information SI - Shipment Information SM - Supplemental Claim SP - Supplemental Bill													
19	10	N9 SEGMENT		C	1	60	C	30							
		Used by DFAS and GSA for post-payment transactions.													
20	10	Finance Center Paper Block Qualifier		M ID 2/2	1	60		30				N901	128	M ID 2/3	
		DD - Document Identification Code													
21	10	Finance Center Paper Block Number		O AN 1/30	1	60		30				N902	127	M AN 1/30	
		Finance Center paper block number used to identify the paper source of the EDI data.													
22	10	N9 SEGMENT		C	1	60	C	30							
		Include this segment when moving a Guaranteed Traffic or MTMC routed shipment.													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes	
23	10	Route Order/Release No/Emergency Routings Qualifier		M ID 2/2	1	60		30				N901	128	M ID 2/3		
		This qualifier must appear if route order/release number applies to the shipment. RG - Route Order Number-Domestic RH - Route Order Number-Export RJ - Route Order Number-Emergency														
24	10	Route Order/Release No/Emergency Routings		O AN 1/10	1	60		30				N902	127	M AN 1/30		
		This data element is not always available but, when used, qualify in N901.														
25	10	N9 SEGMENT		C	1	60	C	30								
		Use this segment to identify the CBL number of a shipment converted from a CBL to a GBL.														
26	10	CBL Number Qualifier		M ID 2/2	1	60		30				N901	128	M ID 2/3		
		BM - Bill of Lading Number														
27	10	CBL Number		O AN 1/17	1	60		30				N902	127	M AN 1/30		
28	10	N9 SEGMENT		C	1	60	C	30								
29	10	Carrier Way/Freight Bill Number Qualifier		M ID 2/2	1	60		30				N901	128	M ID 2/3		
		This qualifier must appear if freight bill number is used. CN - Carriers Reference Number (PRO/Invoice)														
30	10	Carrier Way/Freight Bill Number		O AN 1/30	1	60		30				N902	127	M AN 1/30		
		Qualify in N901.														
31	10	Carrier Way/Freight Bill Date		O DT 6/6	1	60		30				N904	373	C DT 6/6		
		Internal DoD use only. Use date format YYMMDD.														
32	10	N9 SEGMENT		C	1	60	C	30								
		Use this segment if an authority number applies to the shipment.														

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 Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes	
				M	ID												
33	10	Authority Number (Contract/PO) Qualifier		M	ID	2/2	1	60					N901	128	M	ID	2/3
			This qualifier must appear if authority number applies to shipment. CT - Contract Number PO - Purchase Order Number														
34	10	Authority Number (Contract/PO)		O	AN	1/30	1	60					N902	127	M	AN	1/30
			Qualify in N901.														
35	10	Authority Number (Contract/PO) Date		O	DT	6/6	1	60					N904	373	C	DT	6/6
			Use format YYMMDD.														
36	10	N9 SEGMENT		C			1	60	C								
			CHANGE NOTE: Element added per DM #221.														
37	10	Arrival Code Qualifier		M	ID	2/2	1	60					N901	128	M	ID	2/3
			This qualifier must appear if route order/release number applies to the shipment. CHANGE NOTE: Element added per DM #221. AR - Arrival Code														
38	10	Arrival Code		O	AN	1/1	1	60					N902	127	M	AN	1/30
			Enter 'E' if original GBL is an EDI transaction. Enter 'P' if original GBL is paper. CHANGE NOTE: Element added per DM #221.														
39	10	Y7 SEGMENT		C			1	80	C								
			Use this segment if Military Standard Requisitioning and Issue Procedures apply.														
40	10	Transportation Priority Code		O	N0	1/1	1	80					Y701	467	M	N0	1/1
			Use the following values: 1 - Level 1 2 - Level 2 3 - Level 3														
41	10	G62 SEGMENT		M			1	110	M								

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
42	10	Date B/L Prepared Qualifier		O ID 2/2	1	110		10				G6201	432	M ID 2/2	
		76 - Bill of Lading													
43	10	Date B/L Prepared		O DT 6/6	1	110		10				G6202	373	M DT 6/6	
		The date on which the GBL was printed at the origin installation. Qualify in G6201. Use date format YYMMDD.													
44	10	Century		O NO 2/2	1	110		10				G6206	624	C NO 2/2	
		Use the first two characters in the designation of the year (that is, 19 or 20). CHANGE NOTE: DE added per USTRANSCOM guidance.													
45	10	G62 SEGMENT		M	1	110	M	10							
46	10	Date Qualifier		O ID 2/2	1	110		10				G6201	432	M ID 2/2	
		This qualifier must appear if desired/required delivery date is used. Code '54' should be used to qualify required delivery date. 54 - Deliver No Later Than Date 68 - Requested Delivery Date													
47	10	Date		O DT 6/6	1	110		10				G6202	373	M DT 6/6	
		The date on which the GBL was printed at the origin installation. Qualify in G6201. Use date format YYMMDD.													
48	10	Century		O NO 2/2	1	110		10				G6206	624	C NO 2/2	
		Use the first two characters in the designation of the year (that is, 19 or 20). CHANGE NOTE: DE added per USTRANSCOM guidance.													
49	10	G62 SEGMENT		C	1	110	C	10							
50	10	Date Primary Equipment FurnishedQualifier		O ID 2/2	1	110		10				G6201	432	M ID 2/2	
		83 - Equipment Furnished Date													

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 Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes	
51	10	Date Primary Equipment Furnished		O DT 6/6	1	110		10				G6202	373	M DT 6/6		
		The date on which the GBL was printed at the origin installation. Qualify in G6201. Use date format YYMMDD.														
52	10	Century		O N0 2/2	1	110		10				G6206	624	C N0 2/2		
		Use the first two characters in the designation of the year (that is, 19 or 20). CHANGE NOTE: DE added per USTRANSCOM guidance.														
53	10	G62 SEGMENT		C	1	110	C	10								
		Required for all shipment information transactions except advanced shipment notification. MTMC will accept advanced shipment notification.														
54	10	Carrier's Pickup Date Qualifier		O ID 2/2	1	110		10				G6201	432	M ID 2/2		
		MTMC will accept only '86' - Actual Pickup Date qualifier from shippers. 10 - Requested Ship Date/Pick-up Date 77 - Pickup Appointment Scheduled Date 86 - Actual Pickup Date														
55	10	Carrier's Pickup Date		O DT 6/6	1	110		10				G6202	373	M DT 6/6		
		The date on which the GBL was printed at the origin installation. Qualify in G6201. Use date format YYMMDD.														
56	10	Carrier's Pickup Time Qualifier		O ID 1/1	1	110		10				G6203	176	C ID 1/2		
		This element is required if DTTS shipment. 8 - Actual Pickup Time														
57	10	Carrier's Pickup Time		O TM 4/4	1	110		10				G6204	337	C TM 4/8		
		This element is required if DTTS shipment. Use format HHMM.														

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
58	10	Time Zone Indicator		O ID 2/2	1	110		10				G6205	623	C ID 2/2	
<p>If DTTS shipment, this segment occurs twice; once with 'LT' for local time and once with 'GM' for Greenwich time. If shipment is other than DTTS, use 'LT' local time only. Repeat G6201 and G6202 for both occurrences of the segment. CHANGE NOTE: Note added for clarity. GM - Greenwich Mean Time LT - Local Time</p>															
59	10	Century		O NO 2/2	1	110		10				G6206	624	C NO 2/2	
<p>Use the first two characters in the designation of the year (that is, 19 or 20). CHANGE NOTE: DE added per USTRANSCOM guidance.</p>															
60	10	G62 SEGMENT		C	1	110	C	10							
61	10	Date of Delivery Qualifier		O ID 2/2	1	110		10				G6201	432	M ID 2/2	
<p>This qualifier must appear if desired/required delivery date is used. Code '54' should be used to qualify required delivery date. 66 - Delivered on This Date</p>															
62	10	Date of Delivery		O DT 6/6	1	110		10				G6202	373	M DT 6/6	
<p>The date on which the GBL was printed at the origin installation. Qualify in G6201. Use date format YYMMDD.</p>															
63	10	Century		O NO 2/2	1	110		10				G6206	624	C NO 2/2	
<p>Use the first two characters in the designation of the year (that is, 19 or 20). CHANGE NOTE: DE added per USTRANSCOM guidance.</p>															
64	10	PER SEGMENT		C	1	120	C	3							
65	10	Shipment Contact Qualifier		M ID 2/2	1	120		3				PER01	366	M ID 2/2	
<p>IC - Information Contact</p>															

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 Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
66	10	Shipment Contact Qualifier		O	ID 2/2	1	120		3				PER03	365	M ID 2/2	
			AU - Defense Switched Network FT - Federal Telecommunications System (FTS) TE - Telephone													
67	10	Shipment Contact Telephone No.		O	AN 7/21	1	120		3				PER04	364	M AN 1/80	
			Telephone number of shipment POC. Qualify in PER01 and PER03.													
68	10	PER SEGMENT		C		1	120	C	3							
69	10	Emergency Response Telephone No. Function Code		M	ID 2/2	1	120		3				PER01	366	M ID 2/2	
			EF - Emergency Contact-Military Traffic Management Command (MTMC)													
70	10	Emergency Response Telephone No. Qualifier		O	ID 2/2	1	120		3				PER03	365	M ID 2/2	
			AU - Defense Switched Network IT - International Telephone TE - Telephone													
71	10	Emergency Response Telephone No.		O	AN 7/21	1	120		3				PER04	364	M AN 1/80	
			Initiated as a requirement on 1 January 1991. Qualify in PER01 and PER03.													
72	72	F9 SEGMENT		C		1	140	C	1							
73	72	Originating Railroad Station		M	AN 2/19	1	140		1				F902	19	M AN 2/30	
			Name of railroad station where shipment originated.													
74	72	State of Originating Railroad Station		M	ID 2/2	1	140		1				F903	156	M ID 2/2	
75	72	SPLC of Originating Railroad Station		O	ID 6/9	1	140		1				F908	154	C ID 6/9	
76	71	D9 SEGMENT		C		1	150	C	1							

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
77	71	Destination Railroad Station		M AN 2/19	1	150		1				D902	19	M AN 2/30	
Name of railroad station where shipment will terminate.															
78	71	State of Destination Railroad Station		M ID 2/2	1	150		1				D903	156	M ID 2/2	
79	71	SPLC of Destination Railroad Station		O ID 6/9	1	150		1				D908	154	C ID 6/9	
80	10	R2 SEGMENT		C	1	170	C	13							
Use this segment if interline carriers are used during shipment.															
81	10	Via (Routing) SCAC		M ID 2/4	1	170		13				R201	140	M ID 2/4	
SCAC of interline and destination carrier(s) in sequence after origin carrier. The origin carrier should not be included in an interline list. Qualify in R202.															
82	10	Via (Routing) SCAC Qualifier		M ID 1/1	1	170		13				R202	133	M ID 1/2	
This qualifier must appear if via (routing) SCAC is used. Use existing codes for sequencing of interline carriers after the origin carrier. 1 - 1st Carrier after Origin Carrier 2 - 2nd Carrier after Origin Carrier 3 - 3rd Carrier after Origin Carrier 4 - 4th Carrier after Origin Carrier 5 - 5th Carrier after Origin Carrier 6 - 6th Carrier after Origin Carrier 7 - 7th Carrier after Origin Carrier 8 - 8th Carrier after Origin Carrier 9 - 9th Carrier after Origin Carrier															
83	10	Via (Routing) SCAC		O ID 6/9	1	170		13				R204	154	C ID 6/9	
84	10	H3 SEGMENT		C	1	200	C	20							
Use if shipper orders accessorial services from the carrier. Use also if DTTS tracking is required.															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
85	10	Accessorial/Protective Service Ordered Identifier		O ID 3/3	1	200		20				H301	152	M ID 2/3	
<p>Order accessorial services with this data element. See Section 6.0 for the valid code list. To order accessorial services, the carrier industry requires the use of the H3 segment. This code also appears in the HL 300 loop which is used to cost accessorial services. Do not use this element to order surveillance services; use H302. CHANGE NOTE: Note added for clarity.</p>															
86	10	H3 SEGMENT		M	1	200	M	20							
<p>Use this segment when ordering surveillance services.</p>															
87	10	Actual Surveillance Service/Requesting Party		O AN 3/3	1	200		20				H302	153	M AN 2/30	
<p>Use the following values: 'MNS' for Motor Surveillance (12-hour calls) 'MVS' for Motor surveillance (8-hour calls) 'SNS' Satellite Motor Surveillance. Use this data element for requesting Surveillance Services only. Use the X12 code from Section 6.0 to indicate the actual surveillance service provided. Do not use this data element to order accessorial services. Rather, use the H301 data element in a separate occurrence of the H3 segment for non-surveillance services. Additionally, provide the military service code to indicate the requesting party. Military service codes are: A=Army, N=Navy, F=Air Force, M=Marine Corps, P=Coast guard, and S=Defense Logistics Agency. Use a comma for the subelement delimiter between the actual service code and the requesting party. Example: H3**SNS, N n/l. CHANGE NOTE: Note added for clarity.</p>															
88	10	E1 SEGMENT		C	1	220	C	1	1	1	E1				
89	10	Name of Receiving Party For Empty Railcar		M AN 2/30	1	220		1	1	1	E1	E101	459	M AN 2/30	
<p>From the GBL continuation page.</p>															
90	10	E4 SEGMENT		C	1	230	C	1	1	1	E1				
91	10	City for Receiving Empty Railcar		M AN 2/19	1	230		1	1	1	E1	E401	19	M AN 2/30	
<p>From the GBL continuation page.</p>															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
92	10	State for Receiving Empty Railcar		M ID 2/2	1	230		1	1	1	E1	E402	156	M ID 2/2	
From the GBL continuation page.															
93	10	E5 SEGMENT		C	1	240	C	13	1	1	E1				
94	10	Routing SCAC for Empty Railcar		M ID 2/4	1	240		13	1	1	E1	E501	140	M ID 2/4	
From the GBL continuation page.															
95	10	Routing SCAC Sequence Number		M ID 1/2	1	240		13	1	1	E1	E502	133	M ID 1/2	
Use existing X12 codes to describe the sequence of interline carriers. From the GBL continuation page.															
96	10	L7 SEGMENT		C	1	270	C	30							
97	10	Tariff Distance (mileage)		O NO 1/5	1	270		30				L713	294	M NO 1/5	
Qualify in L714. Mileage used for rating shipment.															
98	10	Distance (mileage) Qualifier		O ID 1/1	1	270		30				L714	295	M ID 1/1	
T - Tariff Miles															
99	10	NTE SEGMENT		M	1	280	M	30							
100	10	Appropriation Number Qualifier		O ID 3/3	1	280		30				NTE01	363	M ID 3/3	
This qualifier must appear. Each appropriation number uses one NTE segment. APS - Appropriation Specifications															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
101	10	Appropriation Type, Weight, and Number		M AN 1/1	1	280		30				NTE02	352	M AN 1/80	
<p>Use the following values: '1' for Full appropriation number with no subelement distinction '2' for Full appropriation number divided into accounting classification components '3' for Movement designator code (MDC) '4' for Air Force transportation account code (ATAC) '5' for Transportation account code (TAC). Enter appropriation number type code, net weight, and full accounting classification code or an abbreviated code that identifies the funding appropriation for the shipment. These three data elements are separated by a comma (,) delimiter. The appropriation type code appears first and qualifies the type of appropriation number that appears (see code list). The net weight for the specific appropriation appears second, The appropriation number is entered third. See Section 6.0 for a complete description of appropriation type 2. CHANGE NOTE: Per DM #181, code 6 is not included since use of the Nave Management Fund (NMF) will discontinue after 30 September 1996.</p>															
102	10	NTE SEGMENT		C	1	280	C	30							
103	10	Appropriation Dollars Qualifier		O ID 3/3	1	280		30				NTE01	363	M ID 3/3	
<p>PAY - Payables</p>															
104	10	Appropriation Dollars		M AN 1/80	1	280		30				NTE02	352	M AN 1/80	
<p>Enter the dollar amount to be billed to the appropriation number listed in the NTE Segment above.</p>															
105	10	NTE SEGMENT		C	1	280	C	30							
106	10	Change Notice Qualifier		O ID 3/3	1	280		30				NTE01	363	M ID 3/3	
<p>CHG - Change</p>															
107	10	Change Notice		M AN 1/80	1	280		30				NTE02	352	M AN 1/80	
<p>Identifies the kind of change (correction) to the GBL. See Section 4.0 for a description of the indicator code positions and an example of a populated indicator string.</p>															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
108	10	NTE SEGMENT		C	1	280	C	30							
109	10	Routing Instruction Note (RIN) Code Qualifier		O ID 3/3	1	280		30				NTE01	363	M ID 3/3	
		INT - General Order Instructions													
110	10	Routing Instruction Note (RIN) Code		M AN 3/3	1	280		30				NTE02	352	M AN 1/80	
		The codes are listed in the Defense Traffic Management Regulations (DTMR) available from the Military Traffic Management Command, Falls Church, VA.													
111	10	NTE SEGMENT		C	1	280	C	30							
		Use for DTTS shipments.													
112	10	Load Use Qualifier		O ID 3/3	1	280		30				NTE01	363	M ID 3/3	
		LOI - Loading Instructions													
113	10	Load Use Instructions		M AN 9/12	1	280		30				NTE02	352	M AN 1/80	
		Use character strings 'EXCLUSIVE' or 'NONEXCLUSIVE' to indicate load use instruction.													
114	10	NTE SEGMENT		C	1	280	C	30							
		Use for DTTS shipments.													
115	10	DoD Classification Instructions Qualifier		O ID 3/3	1	280		30				NTE01	363	M ID 3/3	
		This data element needs to be remapped to the line item level upon the next ASC X12 858 version release update. CLR - Security Clearance Instructions													
116	10	DoD Classification Instructions		M AN 1/1	1	280		30				NTE02	352	M AN 1/80	
		Use the following values: C - Classified S - Secret U - Unclassified													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
117	60	N7 SEGMENT		C	1	330	C	1	600	1	N7				
		DATA GROUP 60 CONDITION: If the GBL is for movements using motor, rail, or bulk fuel conveyances, data group 60 must appear.													
118	60	Primary Equipment Initials		O AN 1/4	1	330		1	600	1	N7	N701	206	C AN 1/4	
		If the value in N702 is other than NONE, or the equipment initials are not available, use the SCAC. Primary equipment is that equipment ordered by the shipper from the carrier. That equipment type ordered, or its equivalent, is furnished by the carrier and used in the transportation of the shipment. The shipper pays only for the primary equipment ordered. This data element carries the equipment prefix used to describe railcars and trailers. See Section 9.0 for further clarification of equipment information. (This element is mandatory for rail shipments.) (Loop 100) CHANGE NOTE: Per shipper's instructions.													
119	60	Primary Equipment Numbers		M AN 1/10	1	330		1	600	1	N7	N702	207	M AN 1/10	
		Use to describe railcars and trailers. If specific equipment is not ordered, carry the word 'NONE' in this data element.													
120	60	Weight Capacity Primary Equipment Furnished		O R 3/3	1	330		1	600	1	N7	N703	81	C R 1/10	
		Express in 1000 lb units. Do not use a decimal. Qualify in N704. CHANGE NOTE: Note added for clarity.													
121	60	Weight Capacity Primary Equipment Furnished Qualifier		O ID 1/1	1	330		1	600	1	N7	N704	187	C ID 1/2	
		This qualifier must appear if weight capacity carrier equipment furnished is used. N - Actual Net Weight													
122	60	Cube Capacity Primary Equipment Furnished		O R 1/8	1	330		1	600	1	N7	N708	183	C R 1/8	
		Include if the carrier provides equipment different than that which was ordered. Qualify in N709.													
123	60	Cube Capacity Primary Equipment Furnished Qualifier		O ID 1/1	1	330		1	600	1	N7	N709	184	C ID 1/1	
		This qualifier must appear if cube capacity carrier equipment furnished is used. E - Cubic Feet													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
124	60	Temperature Control		O AN 3/6	1	330		1	600	1	N7	N713	319	C AN 3/6	
Use to specify temperature setting for reefer shipments.															
125	60	Length Capacity Primary Equipment Furnished		O NO 4/5	1	330		1	600	1	N7	N715	567	M NO 4/5	
Include if the carrier provides equipment different than that which was ordered. Equipment length in FFFII format. CHANGE NOTE: Per shipper's instructions.															
126	60	Type of Equipment Furnished		O ID 4/4	1	330		1	600	1	N7	N722	24	M ID 4/4	
Use codes in Section 6.0. Valid equipment code lists can be found in Section 6.0. Left justify the MTMC type equipment code and fill to the right with the lowercase 'x' until a length of four characters is reached.															
127	60	NA SEGMENT		C	1	335	C	30	600	1	N7				
128	60	Secondary Equipment Initials		M AN 1/4	1	335		30	600	1	N7	NA03	206	M AN 1/4	
If the equipment initials are unavailable, use the carrier's SCAC. Secondary equipment is that equipment furnished by the carrier in addition to primary equipment. Generally, this equipment is used to convey the primary equipment (equipment ordered by the shipper). When the shipper orders dromedary, the carrier may supply a trailer to convey the dromedary equipment. The trailer is considered secondary equipment. The shipper incurs no cost for the use of secondary equipment. CHANGE NOTE: Per shipper's instructions.															
129	60	Secondary Equipment Numbers		M AN 1/10	1	335		30	600	1	N7	NA04	207	M AN 1/10	
If a number is not available, send four x's. CHANGE NOTE: Per shipper's instructions.															
130	60	Cross Reference Type Code		O ID 1/1	1	335		30	600	1	N7	NA05	231	C ID 1/1	
Use to further identify secondary equipment when shipment is by rail. CHANGE NOTE: Note added for clarity. A - Additional Equipment for Manifest Billing L - Lead Car															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
131	60	M7 SEGMENT		C	1	340	C	5	600	1	N7				
			Include if seals are applied to the primary equipment.												
132	60	Seal Number		M AN 2/15	1	340		5	600	1	N7	M701	225	M AN 2/15	
			Additional seal numbers should be carried in M702, M703, and M704.												
133	60	Additional Seal Number		O AN 2/15	1	340		5	600	1	N7	M702	225	C AN 2/15	
			CHANGE NOTE: Element added to clarify note in N701.												
134	60	Additional Seal Number		O AN 2/15	1	340		5	600	1	N7	M703	225	C AN 2/15	
			CHANGE NOTE: Element added to clarify note in N701.												
135	60	Additional Seal Number		O AN 2/15	1	340		5	600	1	N7	M704	225	C AN 2/15	
			CHANGE NOTE: Element added to clarify note in N701.												
136	60	Seal Numbers Applied By Qualifier		O ID 2/2	1	340		5	600	1	N7	M705	98	M ID 2/2	
			This qualifier must appear if seal numbers are applied to the shipment. CA - Carrier SH - Shipper												
137	60	N5 SEGMENT		C	1	350	C	1	600	1	N7				
138	60	Length Capacity Primary Equipment Ordered		O N0 4/5	1	350		1	600	1	N7	N501	567	C N0 4/5	
			Format is FFFII where 8000 is 80 ft.												
139	60	Weight Capacity Primary Equipment Ordered		O N0 2/3	1	350		1	600	1	N7	N502	233	C N0 2/3	
			Express in 1000 lb units.												
140	60	Cubic Capacity Primary Equipment Ordered		O N0 2/4	1	350		1	600	1	N7	N503	203	C N0 2/4	
			In cubic feet.												

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
141	60	Type of Equipment Ordered		O ID 4/4	1	350		1	600	1	N7	N504	301	M ID 1/4	
Valid equipment code lists can be found in Section 6.0. This mapping is temporary until the DoD can agree with industry on a solution to equipment type identification which will meet Government requirements.															
142	60	REF SEGMENT		C	1	360	C	5	600	1	N7				
Include if DTTS tracking is required.															
143	60	Tractor Number Qualifier		M ID 2/2	1	360		5	600	1	N7	REF01	128	M ID 2/2	
CHANGE NOTE: Note moved to 'Tractor Number' in REF02. EQ - Equipment Number															
144	60	Tractor Number		O AN 2/2	1	360		5	600	1	N7	REF02	127	M AN 1/30	
Qualify in REF01. The tractor number carried in this data element is the power unit for the trailer described in the N7 segment of the same equipment loop. This data element is required only for tracking shipments monitored by the Defense Transportation Tracking System (DTTS). CHANGE NOTE: Note moved to 'Tractor Number Qualifier' in REF01.															
145	70	N1 SEGMENT		C	1	390	C	1	12	1	N1				
DATA GROUP 70 SUBGROUP CONDITION: Include this DataGroup if DTTS tracking is required.															
146	70	Transportation Company Tendered To (CA) Qualifier		M ID 2/2	1	390		1	12	1	N1	N101	98	M ID 2/3	
CA - Carrier															
147	70	Transportation Company Tendered To (CA)		O AN 7/21	1	390		1	12	1	N1	N102	93	M AN 1/60	
Qualify in N101.															
148	70	PER SEGMENT (CA)		C	1	440	C	3	12	1	N1				
Include if DTTS tracking is required.															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
149	70	Transportation Company Dispatcher Contact Qualifier		M ID 2/2	1	440		3	12	1	N1	PER01	366	M ID 2/2	
<p>This element is required when describing a DTTS shipment. EM - Emergency Contact</p>															
150	70	Transportation Company Dispatcher Telephone Number Qualifier		O ID 2/2	1	440		3	12	1	N1	PER03	365	M ID 2/2	
<p>This element is required when describing a DTTS shipment. TE - Telephone</p>															
151	70	Transportation Company Dispatcher Telephone Number		O AN 1/35	1	440		3	12	1	N1	PER04	364	M AN 1/80	
<p>This element is required when describing a DTTS shipment.</p>															
152	71	N1 SEGMENT		M	1	390	M	1	12	1	N1				
<p>DATA GROUP 71 CONDITION: This DataGroup is mandatory.</p>															
153	71	Destination Name (ST) Qualifier		M ID 2/2	1	390		1	12	1	N1	N101	98	M ID 2/3	
<p>This qualifier identifies name and address information of the carrier's delivery location. ST - Ship To</p>															
154	71	Destination Name (ST)		O AN 1/35	1	390		1	12	1	N1	N102	93	C AN 1/60	
<p>Qualify in N101. If the shipment is 1) truckload (TL) and 2) has stop-offs, the destination name and address must also appear in the S5 stop-off loop qualified as the Ultimate Consignee.</p>															
155	71	Destination DoDAAC/CAGE/MAPAC Qualifier		O ID 2/2	1	390		1	12	1	N1	N103	66	M ID 1/2	
<p>CHANGE NOTE: Per DM #167. 10 - Department of Defense Activity Address Code (DODAAC) 33 - Commercial and Government Entity (CAGE) A2 - Military Assistance Program Address Code (MAPAC)</p>															
156	71	Destination DoDAAC/CAGE/MAPAC		O AN 5/6	1	390		1	12	1	N1	N104	67	M AN 2/80	
<p>CHANGE NOTE: Per DM #167.</p>															
157	71	N2 SEGMENT (ST)		C	1	400	C	2	12	1	N1				

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
158	71	Additional Name (ST)		M AN 1/35	1	400		2	12	1	N1	N201	93	M AN 1/35	
159	71	N3 SEGMENT (ST)		C	1	410	C	2	12	1	N1				
160	71	Street (ST)		M AN 1/35	1	410		2	12	1	N1	N301	166	M AN 1/55	
161	71	N4 SEGMENT (ST)		M	1	420	M	1	12	1	N1				
162	71	City (ST)		O AN 2/19	1	420		1	12	1	N1	N401	19	C AN 2/30	
163	71	State Code (ST)		O ID 2/2	1	420		1	12	1	N1	N402	156	C ID 2/2	
164	71	Zip Code (ST)		O ID 5/9	1	420		1	12	1	N1	N403	116	C ID 3/11	
165	71	Destination SPLC (ST) Qualifier		O ID 2/2	1	420		1	12	1	N1	N405	309	M ID 1/2	
		SL - U.S. SPLC													
166	71	Destination SPLC (ST)		O AN 6/9	1	420		1	12	1	N1	N406	310	M AN 1/30	
		Nind-digit SPLCs are required for costing. Qualify in N405.													
167	71	PER SEGMENT (ST)		C	1	440	C	3	12	1	N1				
		Include if DTTS tracking is required.													
168	71	Destination (ST) Contact Qualifier		M ID 2/2	1	440		3	12	1	N1	PER01	366	M ID 2/2	
		EM - Emergency Contact													
169	71	Destination (ST) Phone Number Qualifier		O ID 2/2	1	440		3	12	1	N1	PER03	365	M ID 2/2	
		AU - Defense Switched Network TE - Telephone													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
170	71	Destination (ST) Contact Phone Number		O AN 7/21	1	440		3	12	1	N1	PER04	364	M AN 1/80	
Both commercial and DSN phone numbers are needed for ammunition shipments.															
171	72	N1 SEGMENT (SF)			1	390		1	12	1	N1				
DATA GROUP 72 CONDITION: This DataGroup is mandatory.															
172	72	Origin Name (SF) Qualifier		M ID 2/2	1	390		1	12	1	N1	N101	98	M ID 2/3	
This qualifier identifies the name and address information of the carrier's pickup location. SF - Ship From															
173	72	Origin Name (SF)		O AN 1/35	1	390		1	12	1	N1	N102	93	C AN 1/60	
Qualify in N101.															
174	72	Origin DoDAAC/CAGE/MAPAC Qualifier		O ID 2/2	1	390		1	12	1	N1	N103	66	M ID 1/2	
CHANGE NOTE: Per DM #167. 10 - Department of Defense Activity Address Code (DODAAC) 33 - Commercial and Government Entity (CAGE) A2 - Military Assistance Program Address Code (MAPAC)															
175	72	Origin DoDAAC/CAGE/MAPAC		O AN 5/6	1	390		1	12	1	N1	N104	67	M AN 2/80	
If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XXXXXX' and the complete clear text name and address of the destination is required. CHANGE NOTE: Per DM #167.															
176	72	N2 SEGMENT (SF)		C	1	400	C	2	12	1	N1				
177	72	Additional Name (SF)		M AN 1/35	1	400		2	12	1	N1	N201	93	M AN 1/35	
178	72	N3 SEGMENT (SF)		C	1	410	C	2	12	1	N1				
179	72	Street (SF)		M AN 1/35	1	410		2	12	1	N1	N301	166	M AN 1/55	

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION				
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
180	72	N4 SEGMENT (SF)		M	1	420	M	1	12	1	N1				
181	72	City (SF)		O AN 2/19	1	420		1	12	1	N1	N401	19	C AN 2/30	
182	72	State (SF)		O ID 2/2	1	420		1	12	1	N1	N402	156	C ID 2/2	
			Also use for province if shipment is Canadian.												
183	72	Zip Code (SF)		O ID 5/9	1	420		1	12	1	N1	N403	116	C ID 3/11	
184	72	Country Code (SF)		O ID 2/2	1	420		1	12	1	N1	N404	26	C ID 2/3	
185	72	Shipping Point SPLC (SF) Qualifier		O ID 2/2	1	420		1	12	1	N1	N405	309	M ID 1/2	
			SL - U.S. SPLC												
186	72	Shipping Point SPLC (SF)		O AN 9/9	1	420		1	12	1	N1	N406	310	M AN 1/30	
			Nine-digit SPLCs are required for costing. Qualify in N405. CHANGE NOTE: Per shipper's instructions.												
187	72	PER SEGMENT (SF)		C	1	440	C	3	12	1	N1				
			Include if DTTS tracking is required.												
188	72	Origin (SF) Contact Qualifier		M ID 2/2	1	440		3	12	1	N1	PER01	366	M ID 2/2	
			EM - Emergency Contact												
189	72	Origin (SF) Phone Number Qualifier		O ID 2/2	1	440		3	12	1	N1	PER03	365	M ID 2/2	
			AU - Defense Switched Network TE - Telephone												
190	72	Origin (SF) Contact Phone Number		O AN 7/21	1	440		3	12	1	N1	PER04	364	M AN 1/80	
			Both commercial and DSN phone numbers are needed for ammunition shipments.												

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION				
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
191	73	N1 SEGMENT (CN)		M	1	390	M	1	12	1	N1				
DATA GROUP 73 CONDITION: This DataGroup is mandatory.															
192	73	Consignee (CN) Name Qualifier		M ID 2/2	1	390		1	12	1	N1	N101	98	M ID 2/3	
This qualifier identifies the installation transportation office responsible for the shipment at the final destination. CN - Consignee UC - Ultimate Consignee															
193	73	Consignee Name (CN)		O AN 1/35	1	390		1	12	1	N1	N102	93	C AN 1/60	
If GBLOC is unavailable (N406 = '1001'), then the clear text name of the consignee is required. Qualify in N101. CHANGE NOTE: Per shipper's instructions.															
194	73	Consignee DoDAAC/CAGE/MAPAC Qualifier		O ID 2/2	1	390		1	12	1	N1	N103	66	M ID 1/2	
CHANGE NOTE: Per DM #167. 10 - Department of Defense Activity Address Code (DODAAC) 33 - Commercial and Government Entity (CAGE) A2 - Military Assistance Program Address Code (MAPAC)															
195	73	Consignee DoDAAC/CAGE/MAPAC		O AN 5/6	1	390		1	12	1	N1	N104	67	M AN 2/80	
If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XXXXXX' and the complete clear text name and address of the destination is required. CHANGE NOTE: Per DM #167.															
196	73	N2 SEGMENT (CN)		C	1	400	C	2	12	1	N1				
197	73	Additional Name (CN)		M AN 1/35	1	400		2	12	1	N1	N201	93	M AN 1/35	
198	73	N3 SEGMENT		C	1	410	C	2	12	1	N1				
199	73	Street (CN)		M AN 1/35	1	410		2	12	1	N1	N301	166	M AN 1/55	
200	73	N4 SEGMENT		M	1	420	M	1	12	1	N1				

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
201	73	City (CN)		O AN 2/19	1	420		1	12	1	N1	N401	19	C AN 2/30	
202	73	State (CN)		O ID 2/2	1	420		1	12	1	N1	N402	156	C ID 2/2	
			Also use for province if shipment is Canadian.												
203	73	Zip Code (CN)		O ID 5/9	1	420		1	12	1	N1	N403	116	C ID 3/11	
204	73	Country Code (CN)		O ID 2/2	1	420		1	12	1	N1	N404	26	C ID 2/3	
205	73	Consignee (CN) GBLOC Qualifier		O ID 2/2	1	420		1	12	1	N1	N405	309	M ID 1/2	
			This qualifier must appear if consignee GBLOC is used. BL - Government Bill of Lading Office Code (GBLOC)												
206	73	Consignee (CN) GBLOC		O AN 4/4	1	420		1	12	1	N1	N406	310	M AN 1/30	
			If GBLOC is unavailable (N406='!OO!'), then the clear text name of the consignee is required. Qualify in N405. CHANGE NOTE: Per shipper's instructions.												
207	74	N1 SEGMENT (SH)		M	1	390	M	1	12	1	N1				
			DATA GROUP 74 CONDITION: This DataGroup is mandatory.												
208	74	Shipper Name (SH) Qualifier		M ID 2/2	1	390		1	12	1	N1	N101	98	M ID 2/3	
			This qualifier identifies the installation transportation office responsible for the shipment at origin. SH - Shipper												
209	74	Shipper Name (SH)		O AN 1/35	1	390		1	12	1	N1	N102	93	C AN 1/60	
			Qualify in N101.												
210	74	Shipper DoDAAC/CAGE/MAPAC Qualifier		O ID 2/2	1	390		1	12	1	N1	N103	66	M ID 1/2	
			CHANGE NOTE: Per DM #167. 10 - Department of Defense Activity Address Code (DODAAC) 33 - Commercial and Government Entity (CAGE) A2 - Military Assistance Program Address Code (MAPAC)												

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
211	74	Shipper DoDAAC/CAGE/MAPAC		O AN 5/6	1	390		1	12	1	N1	N104	67	M AN 2/80	
<p>If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XXXXXX' and the complete clear text name and address of the destination is required. CHANGE NOTE: Per DM #167.</p>															
212	74	N2 SEGMENT (SH)		C	1	400	C	2	12	1	N1				
213	74	Additional Name (SH)		M AN 1/35	1	400		2	12	1	N1	N201	93	M AN 1/35	
214	74	N3 SEGMENT (SH)		C	1	410	C	2	12	1	N1				
215	74	Street (SH)		M AN 1/35	1	410		2	12	1	N1	N301	166	M AN 1/55	
216	74	N4 SEGMENT		C	1	420	C	1	12	1	N1				
217	74	City (SH)		O AN 2/19	1	420		1	12	1	N1	N401	19	C AN 2/30	
218	74	State (SH)		O ID 2/2	1	420		1	12	1	N1	N402	156	C ID 2/2	
<p>Also use for province if shipment is Canadian.</p>															
219	74	Zip Code (SH)		O ID 5/9	1	420		1	12	1	N1	N403	116	C ID 3/11	
220	74	Country Code (SH)		O ID 2/2	1	420		1	12	1	N1	N404	26	C ID 2/3	
221	75	N1 SEGMENT (T5)		C	1	390	C	1	12	1	N1				
<p>DATA GROUP 75 CONDITION: Include if shipment requires diversion/reconsignment destination.</p>															
222	75	Diversions/Reconsignment (T5) To Qualifier		M ID 2/2	1	390		1	12	1	N1	N101	98	M ID 2/3	
<p>Location that shipment is diverted/reconsigned to. T5 - Transfer To</p>															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
223	75	Diversion/Reconsignment (T5) To		O AN 2/19	1	390		1	12	1	N1	N102	93	M AN 1/60	
Carry the city name that pertains to the SPLC. Qualify in N101.															
224	75	N4 SEGMENT (T5)		M	1	420	M	1	12	1	N1				
225	75	Diversion/Reconsignment (T5) To SPLC Qualifier		O ID 2/2	1	420		1	12	1	N1	N405	309	M ID 1/2	
SL - U.S. SPLC															
226	75	Diversion/Reconsignment (T5) To SPLC		O AN 6/9	1	420		1	12	1	N1	N406	310	M AN 1/30	
Qualify in N405.															
227	76	N1 SEGMENT (T4)		C	1	390	C	1	12	1	N1				
DATA GROUP 76 SUBGROUP CONDITION: Include if shipment requires diversion/reconsignment destination.															
228	76	Diversion/Reconsignment (T4) From Qualifier		M ID 2/2	1	390		1	12	1	N1	N101	98	M ID 2/3	
Location that shipment is diverted/reconsigned from. T4 - Transfer Point															
229	76	Diversion/Reconsignment (T4) From		O AN 2/19	1	390		1	12	1	N1	N102	93	M AN 1/60	
Carry the city name that pertains to the SPLC. Qualify in N101.															
230	76	N4 SEGMENT (T4)		M	1	420	M	1	12	1	N1				
231	76	Diversion/Reconsignment (T4) From SPLC Qualifier		O ID 2/2	1	420		1	12	1	N1	N405	309	M ID 1/2	
SL - U.S. SPLC															
232	76	Diversion/Reconsignment (T4) From SPLC		O AN 6/9	1	420		1	12	1	N1	N406	310	M AN 1/30	
Qualify in N405.															
233	77	N1 SEGMENT (PO)		M	1	390	M	1	12	1	N1				
DATA GROUP 77 CONDITION: This DataGroup is mandatory.															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION				
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
246	78	N1 SEGMENT (IU)		M	1	390	M	1	12	1	N1				
DATA GROUP 78 CONDITION: This DataGroup is mandatory.															
247	78	Issuing Office (IU) Name Qualifier		M ID 2/2	1	390		1	12	1	N1	N101	98	M ID 2/3	
IU - Issuer															
248	78	Issuing Office (IU) Name		O AN 1/35	1	390		1	12	1	N1	N102	93	M AN 1/60	
Qualify in N101. This element is required when describing a DTTS shipment. CHANGE NOTE: Per shipper's instructions.															
249	78	N2 SEGMENT (IU)		C	1	400	C	2	12	1	N1				
250	78	Additional Name (IU)		M AN 1/35	1	400		2	12	1	N1	N201	93	M AN 1/35	
251	78	N3 SEGMENT (IU)		C	1	410	C	2	12	1	N1				
252	78	Street (IU)		M AN 1/35	1	410		2	12	1	N1	N301	166	M AN 1/55	
253	78	N4 SEGMENT (IU)		M	1	420	M	1	12	1	N1				
254	78	City (IU)		O AN 2/19	1	420		1	12	1	N1	N401	19	C AN 2/30	
255	78	State (IU)		O ID 2/2	1	420		1	12	1	N1	N402	156	C ID 2/2	
256	78	Zip Code (IU)		O ID 5/9	1	420		1	12	1	N1	N403	116	C ID 3/11	
257	78	Issuing Office (IU) GBLOC Qualifier		O ID 2/2	1	420		1	12	1	N1	N405	309	M ID 1/2	
BL - Government Bill of Lading Office Code (GBLOC)															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
258	78	Issuing Office (IU) GBLOC		O AN 4/4	1	420		1	12	1	N1	N406	310	M AN 1/30	
		This element must contain a valid GBLOC. Do not use '1001' Qualify in N405. CHANGE NOTE: Per shipper's instructions.													
259	79	PER SEGMENT (IU)		C	1	440	C	3	12	1	N1				
260	79	Name of Issuing Officer Qualifier		M ID 2/2	1	440		3	12	1	N1	PER01	366	M ID 2/2	
		IO - Issuing Officer													
261	79	Name of Issuing Officer		O AN 1/35	1	440		3	12	1	N1	PER02	93	M AN 1/35	
		Qualify in PER01.													
262	79	N1 SEGMENT (FE)		C	1	390	C	1	12	1	N1				
		DATA GROUP 79 CONDITION: This DataGroup is conditional.													
263	79	FOB Point (FE) Qualifier		M ID 2/2	1	390		1	12	1	N1	N101	98	M ID 2/3	
		CHANGE NOTE: ASC X23 committee assigned code value 'KX' in lieu of requested 'FE', which was already assigned for another purpose. KX - Free on Board Point													
264	79	FOB Point (FE)		O AN 1/35	1	390		1	12	1	N1	N102	93	M AN 1/60	
		Carry actual FOB point name in this data element.													
265	79	N4 SEGMENT (FE)		C	1	420	C	1	12	1	N1				
266	79	FOB Point (City) Named In Contract		O AN 2/19	1	420		1	12	1	N1	N401	19	C AN 2/30	
267	79	FOB Point (State) Named In Contract		O ID 2/2	1	420		1	12	1	N1	N402	156	C ID 2/2	
268	79	FOB SPLC Qualifier		O ID 2/2	1	420		1	12	1	N1	N405	309	C ID 1/2	
		SL - U.S. SPLC													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
269	79	FOB SPLC		O AN 6/9	1	420		1	12	1	N1	N406	310	C AN 1/30	
270	80	S5 SEGMENT		C	1	450	C	1	50	1	S5				
<p>DATA GROUP 80 CONDITION: Include this data group if the shipment requires inside pickup, inside delivery, or stop-offs. The origin address is not included in this loop. The split pickup and split delivery addresses are included in this loop. The destination address is included in this loop. The destination address is assigned the highest (last) stop-off sequence number in the S501.</p>															
271	80	Stop-Off Sequence Number		M NO 1/2	1	450		1	50	1	S5	S501	165	M NO 1/2	
<p>If stop-offs apply to a DoD shipment, the S5 stop off loop must occur for each stop-off address. The stop off sequence number should appear in the 100 Detail - Line Item Header Information Loop with each commodity to be delivered at that stop-off.</p>															
272	80	Stop-Off Reason Code		M ID 2/2	1	450		1	50	1	S5	S502	163	M ID 2/2	
<p>LD - Load UL - Unload</p>															
273	80	Stop-Off SPLC Code		O ID 6/9	1	450		1	50	1	S5	S510	154	M ID 6/9	
<p>Nine-digit SPLCs are required for costing. CHANGE NOTE: Per shipper's instructions.</p>															
274	80	Stop-Off Accomplish Code		O ID 1/1	1	450		1	50	1	S5	S511	190	C ID 1/1	
<p>A - Accomplished P - Pending</p>															
275	80	G62 SEGMENT		C	1	460	C	6	50	1	S5				
276	80	Stop-Off Date(s) Qualifier		O ID 2/2	1	460		6	50	1	S5	G6201	432	M ID 2/2	
<p>69 - Scheduled Pick-Up Date 70 - Scheduled Delivery Date</p>															

DoD INFORMATION				DoD Recommended Attributes		X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION				
Index	DG	Data Name	Notes and Codes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
277	80	Stop-Off Date(s)		O	DT 6/6	1	460		6	50	1	S5	G6202	373	M DT 6/6	
		Use to satisfy claims and discrepancies. Scheduled date on which stop-off will occur. Qualify in G6201. Use format YYMMDD. CHANGE NOTE: Per shipper's instructions.														
278	80	Stop-Off Arrival/Departure Times Qualifier		O	ID 1/1	1	460		6	50	1	S5	G6203	176	C ID 1/2	
		8 - Actual Pickup Time 9 - Actual Delivery Time A - Actual Departure Time														
279	80	Stop-Off Arrival/Departure Times		O	TM 4/4	1	460		6	50	1	S5	G6204	337	C TM 4/8	
		Scheduled time at which stop-off will occur. Use time format HHMM.														
280	80	Century		O	NO 2/2	1	460		6	50	1	S5	G6206	624	C NO 2/2	
		Use the first two characters in the designation of the year (that is, 19 or 20). CHANGE NOTE: DE added per USTRANSCOM guidance.														
281	80	N1 SEGMENT		M		1	490	M	1	5	2	N1				
282	80	Stop-Off Name Of Party To Receive Shipment Qualifier		M	ID 2/2	1	490		1	5	2	N1	N101	98	M ID 2/3	
		LP - Loading Party UP - Unloading Party														
283	80	Stop-Off Name Of Party To Receive Shipmen		O	AN 1/35	1	490		1	5	2	N1	N102	93	C AN 1/60	
		Qualify in N101.														
284	80	Stop_Off DoDAAC/CAGE/MAPAC Qualifier		O	ID 2/2	1	490		1	5	2	N1	N103	66	M ID 1/2	
		CHANGE NOTE: Per DM #167. 10 - Department of Defense Activity Address Code (DODAAC) 33 - Commercial and Government Entity (CAGE) A2 - Military Assistance Program Address Code (MAPAC)														
285	80	Stop_Off DoDAAC/CAGE/MAPAC		O	AN 5/6	1	490		1	5	2	N1	N104	67	M AN 2/80	

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
298	80	Stop-Off Communication Numbers Contact		O AN 7/21	1	540		3	5	2	N1	PER04	364	M AN 1/80	
Qualify in PER01 and PER03.															
299	100	LX SEGMENT (100)		M	2	10	M	1	999	1	LX				
When booking breakbulk cargo segments in the LX loop, the loop will be repeated for each Transportation Control Number (TCN).\r\n\r\nWhen booking containerized cargo, segments in the LX loop will only be repeated once.															
300	100	100 Detail - Line Item Description Loop		M NO 3/3	2	10		1	999	1	LX	LX01	554	M NO 1/6	
When booking breakbulk cargo, assign numbers sequentially, ie. 1,2,3,4...999. This will be repeated for each TCN. Since containerized cargo is looped once, assign the number "1".															
301	100	N7 SEGMENT (100)		C	2	20	C	1	999	1	LX				
The N7 Segment is only used for non-ISO identified CONTAINERIZED CARGO. It is NOT used for breakbulk cargo.															
302	100	Primary Equipment Initials		O AN 1/4	2	20		1	999	1	LX	N701	206	C AN 1/4	
To identify the equipment.															
303	100	Primary Equipment Numbers		M AN 1/10	2	20		1	999	1	LX	N702	207	M AN 1/10	
Because this data element is mandatory and the container number is not normally known at the time of booking, use "0".															
304	100	NA SEGMENT (100)		C	2	30	C	1	999	1	LX				
305	100	Shipper Equipment Initials		M AN 4/4	2	30		1	999	1	LX	NA03	206	M AN 1/4	
Use the following values: 'DODV' for DoD Van and Container 'DROM' for Dromedary Equipment.															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
306	100	Shipper Equipment Numbers		M AN 1/10	2	30		1	999	1	LX	NA04	207	M AN 1/10	
<p>Shipper equipment is that equipment/vehicle which is supplied/owned by the shipper. This includes DROMs and containers and vans. Shipper owned vehicles, like trucks, jeeps, and tanks are identified using a different mapping of the NA segment in the LX 100 Loop. See next occurrence of NA segment (Loop 100) for mapping fo vehicles information. CHANGE NOTE: Note added for clarity.</p>															
307	100	NA SEGMENT (100)		C	2	30	C	1	999	1	LX				
308	100	Vehicle Identification Number Qualifier		O ID 2/2	2	30		1	999	1	LX	NA01	128	C ID 2/2	
<p>Shipper owned vehicles include cars, jeeps, tanks, and trucks. (Loop 100) VT - Motor Vehicle ID Number</p>															
309	100	Vehicle Identification Number		O AN 1/30	2	30		1	999	1	LX	NA02	127	C AN 1/30	
<p>Use VIN to describe the vehicles being moved. See Section 9.0 for detailed description of how primary, secondary, and shipper owned equipment is mapped to the 858. Qualify in the NA01. (Loop 100)</p>															
310	100	Vehicle Initials (Filler)		M AN 4/4	2	30		1	999	1	LX	NA03	206	M AN 1/4	
<p>Enter 'NONX' to indicate Vehicle. (Loop 100)</p>															
311	100	Vehicle Bumper Number		M AN 1/10	2	30		1	999	1	LX	NA04	207	M AN 1/10	
<p>Use 'NONE' if bumper number is unavailable. (Loop 100)</p>															
312	100	M7 SEGMENT (100)		C	2	40	C	5	999	1	LX				
313	100	Seals On Shipper Owned Equipment		M AN 2/15	2	40		5	999	1	LX	M701	225	M AN 2/15	
<p>Used to describe seal applied to equipment (Containers, DROMs) owned by the shipper.</p>															
314	100	N9 SEGMENT (100)		C	2	100	C	10	999	1	LX				
<p>Include this segment if DTTS tracking is required.</p>															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
315	100	Requisition Number Qualifier		M ID 2/2	2	100		10	999	1	LX	N901	128	M ID 2/3	
		(Loop 100) RQ - Purchase Requisition Number													
316	100	Requisition Number		O AN 14/17	2	100		10	999	1	LX	N902	127	M AN 1/30	
		This requisition number which corresponds to the line item is carried in this data element.													
317	100	N9 SEGMENT (100)		M	2	100	M	10	999	1	LX				
318	100	TCN Qualifier		M ID 2/2	2	100		10	999	1	LX	N901	128	M ID 2/3	
		This qualifier must appear if TCN is used. TG - Transportation Control Number (TCN)													
319	100	TCN - Transportation Control Number		O AN 17/17	2	100		10	999	1	LX	N902	127	M AN 1/30	
		Every line item (LX 100 Loop) should identify the TCN it is associated with. Qualify in N901.													
320	100	N9 SEGMENT (100)		C	2	100	C	10	999	1	LX				
		Include this segment if DTTS tracking is required.													
321	100	National Stock No./Manufacturer's Part No. Qualifier		M ID 2/2	2	100		10	999	1	LX	N901	128	M ID 2/3	
		This qualifier must appear if NSN is used. Use Manufacturer's Part Number if NSN is not available. (Loop 100) MF - Manufacturers Part Number NS - National Stock Number													
322	100	National Stock No./Manufacturer's Part No.		O AN 1/30	2	100		10	999	1	LX	N902	127	M AN 1/30	
		Qualify in N901.													
323	100	N9 SEGMENT (100)		C	2	100	C	10	999	1	LX				

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
324	100	Project Code Qualifier		M ID 2/2	2	100		10	999	1	LX	N901	128	M ID 2/3	
			This qualifier must appear if project code is used. (Loop 100) P4 - Project Code												
325	100	Project Code		O AN 1/3	2	100		10	999	1	LX	N902	127	M AN 1/30	
			Qualify in N901. (Loop 100)												
326	100	N9 SEGMENT (100)		C	2	100	C	10	999	1	LX				
327	100	Transportation Account Code (TAC) Qualifier		M ID 2/2	2	100		10	999	1	LX	N901	128	M ID 2/3	
			This qualifier must appear if TAC is used. (Loop 100) TH - Transportation Account Code (TAC)												
328	100	Transportation Account Code (TAC)		O AN 4/4	2	100		10	999	1	LX	N902	127	M AN 1/30	
			Qualify in N901. (Loop 100)												
329	100	N9 SEGMENT (100)		C	2	100	C	10	999	1	LX				
330	100	Stop-Off Sequence Number Cross-Reference Qualifier		M ID 2/2	2	100		10	999	1	LX	N901	128	M ID 2/3	
			(Loop 100) QN - Stop Sequence Number												
331	100	Stop-Off Sequence Number Cross-Reference		O AN 1/2	2	100		10	999	1	LX	N902	127	M AN 1/30	
			If stop-offs apply to a shipment, a line item is identified with a stop-off by carrying the sequence number of the stop-off address in this data element. That sequence number appears in the S5 segment in the header area of the transaction set. Qualify in N901. (Loop 100)												
332	100	N9 SEGMENT (100)		C	2	100	C	10	999	1	LX				
			Include this segment if DTTS tracking is required.												

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
333	100	Security Risk Code Qualifier		M ID 2/2	2	100		10	999	1	LX	N901	128	M ID 2/3	
		(Loop 100)													
		M6 - Military Ordnance Security Risk Number													
334	100	Security Risk Code		O AN 1/1	2	100		10	999	1	LX	N902	127	M AN 1/30	
		Use the following codes: 1 - SRC-1 Highest Sensitivity (Category I, Physical Security Unclassified) 2 - SRC-2 High Sensitivity (Category II, Physical Security Unclassified) 3 - SRC-3 Moderate Sensitivity (Category III, Physical Security Unclassified) 4 - SRC-4 Low Sensitivity (Category IV, Physical Security Unclassified) 5 - SRC-5 Highest Sensitivity (Category I, Physical Security Secret) 6 - SRC-6 Highest Sensitivity (Category I, Physical Security Confidential) 7 - SRC-7 Moderate Sensitivity (Uncategorized, demilitarization prior to disposal) 8 - SRC-8 High Sensitivity (Category II, Physical Security Confidential) C - Confidential P - Pilferable S - Secret U - Uncontrolled/Unclassified (Uncategorized) Code source: Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives (DoD 5100.76-M Change 3-Reprint November 1989). Available from Table 2-5 in NAVSEA document SW020-AC-SAF-010. (Loop 100)													
335	100	L5 SEGMENT (100)		M	2	130	M	10	999	1	LX				
336	100	Description Of Articles		O AN 1/50	2	130		10	999	1	LX	L502	79	C AN 1/50	
		Free form. RECOMMENDED FOR DoD DELETION (classification item number provides description). (Loop 100)													
337	100	Classification Item No. (Commodity Code)		O AN 6/8	2	130		10	999	1	LX	L503	22	M AN 1/30	
		When the sub-item number is available, provide it in the last two positions of this element. Qualify in L504. (Loop 100) CHANGE NOTE: Per shipper's instructions.													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
338	100	Classification Item No. (Commodity Code) Qualifier		O ID 1/1	2	130		10	999	1	LX	L504	23	M ID 1/1	
<p>(Loop 100) CHANGE NOTE: Code added to comply with 49 CFR 172.203(e) pertaining to empty containers with hazardous residue content.</p> <ul style="list-style-type: none"> C - Canadian Freight Classification D - Department of Defense Unique Codes E - Coordinated Motor Freight Classification I - Milstamp AITC or Water Commodity Code J - Harmonized System-Based Schedule B K - Federal Supply Classification L - Last Contained Contents STCC N - National Motor Freight Classification (NMFC) T - Standard Transportation Commodity Code (STCC) U - Uniform Freight Classification (UFC) 															
339	100	Number On Packages		O AN 1/45	2	130		10	999	1	LX	L506	87	C AN 1/45	
<p>Use to show descriptive marks and numbers on freight. (Loop 100)</p>															
340	190	LH6 SEGMENT (190)		C	2	134	C	5	999	1	LX				
341	190	Hazmat - Certifying Person (49CFR Compliance)		O AN 1/35	2	134		5	999	1	LX	LH601	93	M AN 1/35	
<p>Free form. Mandatory for all hazardous material shipments. Reference 49 CFR 172.204. (Loop 100) CHANGE NOTE: Changed per X12 syntax.</p>															
342	190	Hazmat - Certification Code (49 CFR Compliance)		O ID 1/1	2	134		5	999	1	LX	LH602	272	M ID 1/1	
<p>CHANGE NOTE: Changed per X12 syntax.</p> <ul style="list-style-type: none"> 1 - Abbreviated Hazardous Certification 2 - Long Form of Hazardous Certification 															
343	190	Hazmat - Certification Declaration (49 CFR Compliance)		O AN 1/25	2	134		5	999	1	LX	LH603	273	M AN 1/25	
<p>Certification verbiage in accordance with 49 CFR 172.204. Mandatory for all hazardous materials shipments. Verbiage that certifies the entire shipment should appear once in the first occurrence of the HL 100 loop. (Loop 100) CHANGE NOTE: Changed per X12 syntax.</p>															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
344	190	Hazmat - Certification Declaration (49 CFR Compliance)		O AN 1/25	2	134		5	999	1	LX	LH604	273	C AN 1/25	
		Use for any remainder of certification verbiage exceeding 25 characters in LH603. CHANGE NOTE: Changed per X12 syntax.													
345	120	L0 SEGMENT (120)		M	2	140	M	1	10	2	L0				
		DATA GROUP 120 CONDITION: This data group is mandatory.													
346	120	Billed/Rated Quantity		O R 1/1	2	140		1	10	2	L0	L002	220	M R 1/11	
		A commodity is a single type of product or material. Transportation of a commodity is usually billed/rated by units of freight weight. A line item on a transportation bill describes a single commodity. The quantity of a line item commodity is described here in the L0 segment in the LX 100 Detail - Line Item Description Loop. One L0 segment occurs for each type pack under the line item. There may be many line items, i.e., LX 100 loops, of the same commodity. Two rules must be followed when constructing an L0 segment: 1) If the billed/rated quantity is expressed as freight weight, it appears here. Freight weight is the weight that line haul rate is based upon and may include skid, pallet, and dunnage weights, carried in separate MEA segments. The L004, L005, and L011 elements are not used. 2) If the billed/rated quantity is other than weight, such as barrels or gallons in the case of a pipeline shipment, it also appears here. In addition, the L004, L005, and L011 elements are used to carry the weight information, if required. See Appendix 10.D for looping logic of data group 120. DoD recommends attributes: Min/Max = 1/1. (Loop 100) CHANGE NOTE: Per DM #212.													
347	120	Billed/Rated Quantity Qualifier		O ID 2/2	2	140		1	10	2	L0	L003	221	M ID 2/2	
		See Section 6.0 for additional code list. (Loop 100)													
348	120	Freight Weight		O R 1/10	2	140		1	10	2	L0	L004	81	C R 1/10	
		Freight weight of line item described in pounds only. Freight weight is the weight that line haul rate is based on and may include skid, pallet, and dunnage weights, depending on the applicable tender. Skid, pallet, and dunnage weights are carried in separate MEA segments. See the next occurrence of the MEA segment for the weight breakdown for packing materials. (Loop 100) CHANGE NOTE: Per DM #212.													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
357	120	Packaging Material Qualifier		O ID 2/2	2	160		10	10	2	L0	MEA01	737	C ID 2/2	
<p>Weight breakout per type pack per commodity per shipment unit is carried in the MEA segment. For each type of packing material weight breakout, use and individual MEA segment. (Loop 100) CHANGE NOTE: Per DM #224. PA - Pallet Dimensions SK - Skid Dimensions</p>															
358	120	Packaging Material Weight Qualifier		O ID 1/1	2	160		10	10	2	L0	MEA02	738	M ID 1/3	
<p>(Loop 100) B - Billed Weight</p>															
359	120	Packaging Material Weight		O R 1/20	2	160		10	10	2	L0	MEA03	739	M R 1/20	
<p>The weight for any component of the packaging material (e.g., skid, pallet, dunnage weights). Qualify in MEA01 and MEA02. (Loop 100) CHANGE NOTE: New note and mapping per X12 syntax change adding composite to MEA04.</p>															
360	120	Packaging Material Weight Units		M ID 2/2	2	160		10	10	2	L0	MEA04	C001	M	
<p>By placing code value 'PN' to indicate Pounds Net (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element. (Loop 100) CHANGE NOTE: New note and mapping per X12 syntax change adding composite to MEA04.</p>												C001	355	M ID 2/2	
361	120	MEA SEGMENT (120)		C	2	160	C	10	10	2	L0				
<p>Include this segment if DTTS tracking is required.</p>															
362	120	Shipped Dimensions Information Qualifier		O ID 2/2	2	160		10	10	2	L0	MEA01	737	M ID 2/2	
<p>(Loop 100) SD - Shipped Dimensions</p>															
363	120	Shipped Dimensions Qualifier		O ID 2/2	2	160		10	10	2	L0	MEA02	738	C ID 1/3	
<p>CFMS will calculate oversize dimensions from shipper provided information. (Loop 100) HT - Height LN - Length WD - Width</p>															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
372	120	Round Count		O R 1/8	2	160		10	10	2	L0	MEA03	739	O R 1/20	
Qualify in MEA01. (Loop 100)															
373	120	Round Count Unit of Measure		N ID 2/2	2	160		10	10	2	L0	MEA04 C001	C001 355	C	M ID 2/2
By placing code value 'RO' to indicate Round (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element. Qualify in MEA01 and MEA03. (Loop 100) CHANGE NOTE: New note and mapping per X12 syntax change adding composite to MEA04.															
374	190	LH1 SEGMENT (190)			2	170		1	100	2	LH1				
DATA GROUP 190 CONDITION: Include this data group if the shipment contains hazardous material and/or DTTS tracking is required.															
375	190	Hazmat - Unit Of Measure Code		M ID 2/2	2	170		1	100	2	LH1	LH101	355	M ID 2/2	
Contains the code identifying the unit of measure (type of packaging) for which the data in LH102 is reported. Examples of unit of measure include cylinders (CL), drums (DR), and crates (CR). CHANGE NOTE: Note added for clarity.															
376	190	Hazmat - Lading Quantity		M N0 1/7	2	170		1	100	2	LH1	LH102	80	M N0 1/7	
Qualify in LH101. Contains the number of units (pieces) of the lading commodity. Reference 49 CFR 172.202(c). (Loop 100)															
377	190	Hazmat - UN/NA Id Code		O ID 6/6	2	170		1	100	2	LH1	LH103	277	O ID 6/6	
Contains the United Nations/North America (UN/NA) code. (Loop 100) CHANGE NOTE: Note added for clarity.															
378	190	Hazmat - Unit or Basis for Measurement Code		O ID 2/2	2	170		1	100	2	LH1	LH106	355	O ID 2/2	
Use the unit of measure codes for quantity or volume of non bulk shipments, described in the existing X12 standard. This will typically be pounds, cubic feet, or a unit of measure other than pieces. CHANGE NOTE: Element not used in previous convention. DM needed for cleanup of the user note for this element.															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
379	190	Hazmat - Quantity		O R 1/15	2	170		1	100	2	LH1	LH107	380	O R 1/15	
<p>Qualify in LH106. Quantity refers to the amount (i.e., weight in pounds, volume in cubic feet, or other such measurement) of the hazardous material commodity that is to be transported. CHANGE NOTE: Element not used in previous convention. DM needed for cleanup of the user note for this element.</p>															
380	190	Hazmat - Residue Indicator Code		O ID 1/1	2	170		1	100	2	LH1	LH109	665	O ID 1/1	
<p>Use code value 'R' to indicate that the unit being shipped is empty and contains a residue from a prior movemenet, reference 40 CFR 172.203(e). In this situation, L504 should use code value 'L' to indicate 'Last Contained Contents'. CHANGE NOTE: Element and code added to comply with 49 CFR 172.203(e) pertaining to empty containers with hazardous residue content. R - Residue Last Contained Description (Tank Car)</p>															
381	190	Hazmat - Packing Group Code		O ID 1/3	2	170		1	100	2	LH1	LH110	254	O ID 1/3	
<p>Indicate the required packing group using Roman Numeral I, II, or III to indicate the degree of danger as shown in column 5 of 49 CFR, Table 172.101. CHANGE NOTE: New note and mapping per X12 syntax change.</p>															
382	190	LH2 SEGMENT (190)			2	180		4	100	2	LH1				
383	190	Hazmat - Hazardous Class/Division		O ID 1/30	2	180		4	100	2	LH1	LH201	215	O ID 1/30	
<p>Identify the hazard class or division prescribed for the material as shown in column 3 of 49 CFR Table 172.101. If there is no hazard class or division, use the code in that column, such as ORM-D (Other Regulated Material), reference 49 CFR 173.2. If there is a subsidiary hazard but no hazard class or division, use code value 'NA'. A material for which the entry in this column is 'Forbidden' may not be offered for transportation nor be transported. This loop needs to be repeated for each subsidiary hazard. (Loop 100) CHANGE NOTE: Note added for clarity.</p>															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
384	190	Hazmat - Hazard Class Qualifier		O ID 1/1	2	180		4	100	2	LH1	LH202	983	O ID 1/1	
<p>Repeat the LH2 loop as necessary to identify the primary and each subsidiary (secondary) hazard of the material being shipped. (Loop 100). CHANGE NOTE: New LH202 segment added to comply with 49 CFR requirement; requirement was overlooked in previous IC release. Element LH203 removed since Placard Noatation is no longer a 49 CFR requirement. P - Primary S - Secondary</p>															
385	190	Hazmat - Reportable Quantity		O ID 2/2	2	180		4	100	2	LH1	LH205	759	O ID 2/2	
<p>Indicates a reportable quantity is present in the shipment. For empty packagings or units containing the residue of a hazardous material, reference 49 CFR 172.203(e). (Loop 100) CHANGE NOTE: Note added for clarity. RQ - Reportable Quantity</p>															
386	190	LH3 SEGMENT (190)			2	190		12	100	2	LH1				
387	190	Hazmat - Proper Shipping Name		O AN 1/25	2	190		12	100	2	LH1	LH301	224	O AN 1/25	
<p>From table at 49 CFR 172.101, column 2. Mandatory for all hazardous material shipments including ammunition and explosives. See 49 CFR 172.202 for additional details. Place remainder of Proper Shipping Name exceeding 25 characters in LFH02 qualified by LFH01 = ADI. (Loop 100) CHANGE NOTE: New mapping per X12 syntax change. PGC (packing group code) now appears in LH110.</p>															
388	190	Hazmat - Proper Shipping Name Qualifier		O ID 1/1	2	190		12	100	2	LH1	LH302	984	O ID 1/1	
<p>CHANGE NOTE: Note changed per X12 syntax. Data previously contained in LH302 is now found in LFH01. C - Canadian Shipping Name D - Domestic (United States) Shipping Name I - International Shipping Name</p>															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
389	190	Hazmat - N.O.S. Indicator Code		O ID 3/3	2	190		12	100	2	LH1	LH303	985	O ID 3/3	
<p>If this field is used, an LFH segment must follow using code value 'TEC' in LFH01. CHANGE NOTE: Element not used in previous convention. NOS - N.O.S. Regulatory Requirements Apply</p>															
390	190	LFH SEGMENT (190)			2	191		20	100	2	LH1				
391	190	Hazmat - Additional Basic Description Information Qualifier		M ID 3/3	2	191		20	100	2	LH1	LFH01	808	M ID 3/3	
<p>Contains the hazardous material shipment information qualifier indicating the type of information being passed. Place in LFH02 the appropriate note that is in quotations accompanying the code list from LFH01. If the N.O.S. indicator is specified in LH303, use code value 'TEC' in this data element. Use code value 'ADI' for Proper Shipping Name overflow (LH301) or other information not accounted for in the code list. Enter additional information that must appear in association with the shipment's basic description according to 49 CFR. Use additional occurrences of LFH segment as necessary for each code value that applies to shipment. Mandatory for all explosives unless otherwise noted in 49 CFR 172.320. Use interim EX-number for explosives waiting for final classification. (Loop 100) CHANGE NOTE: New mapping per X12 syntax change. PGC (packing group code) now appears in LH110. New code value 'TEC' added to comply with 49 CDR.</p> <p>ADI - Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement DWW - "Dangerous When Wet" Declaration HOT - Identifies Products in a Heated Molten State LQY - "Limited Quantity" Declaration PIH - "Poison - Inhalation Hazard" Declaration POI - "Poison" Declaration RAM - Radioactive Material Data TEC - Technical or Chemical Group Name</p>															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
392	190	Hazmat - Additional Basic Description Information		M AN 1/25	2	191		20	100	2	LH1	LFH02	809	M AN 1/25	
<p>Contains specific information about the hazardous material shipment. Qualify in LFH01. When applicable, use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any remainder of the Proper Shipping Name in LH301 that exceeds 25 characters or for any other overflow information in LFH01 or from 490 CFR. Use LFH03 for additional overflow. If LFH01 = 'PIH', enter 'Poisonous - Inhalation Hazard, Zone X', where X is the code designated in LFH04. For N.O.S. code (LFH01 = 'TEC'), enter the technical or chemical group name in parentheses. Place overflow in LFH03. Do not close parentheses until end of description is reached. CHANGE NOTE: New note and mapping per X12 syntax change.</p>															
393	190	Hazmat - Additional Information		O AN 1/25	2	191		20	100	2	LH1	LFH03	809	O AN 1/25	
<p>Use for description overflow from LFH02. Use LFH01, 02, and 03 as a set and repeat loop as necessary to convey all additional basic description information. CHANGE NOTE: New note and mapping per X12 syntax change.</p>															
394	190	Hazmat - Hazard Zone Code		O ID 1/1	2	191		20	100	2	LH1	LFH04	1023	O ID 1/1	
<p>Use applicable Hazard Zone Code when LFH01 = PIH. Contains the code specifying the Department of Transportation assigned zone designating the Inhalation Toxicity Hazard Zone. CHANGE NOTE: New note and mapping per X12 syntax change. A - Hazard Zone A B - Hazard Zone B C - Hazard Zone C D - Hazard Zone D</p>															
395	190	LHR SEGMENT (190)			2	210		10	100	2	LH1				
396	190	Hazmat - DOT Explosive Approval Number Qualifier		M ID 2/2	2	210		10	100	2	LH1	LHR01	128	M ID 2/2	
<p>Use code value 'HD' to indicate Hazard Classification Approval Number (EX-number) (Loop 100) CHANGE NOTE: Code values 'HN' and 'UN' deleted and replaced with 'HD' for compliance with 49 CFR requirements. HD - Department of Transportation Hazardous Number</p>															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
397	190	Hazmat - DOT Explosive Approval Number (EX-number)		M AN 1/30	2	210		10	100	2	LH1	LHR02	127	M AN 1/30	
		Qualify in LHR01. Product codes and national stock numbers must be traceable to the specific EX-number (also referred to as hazard classification approval number) assigned by the Associate Administrator for Hazardous Materials Safety. Reference 49 CFR 172.320 and 173.56(b). (Loop 100) CHANGE NOTE: Note added to comply with 49 CFR 172 and 173.													
398	190	LHR SEGMENT (190)			2	210		10	100	2	LH1				
		Required for DTTS if the hazardous shipment contains ammunition.													
399	190	Hazmat - DoD Identification Code (DoDIC) Qualifier		M ID 2/2	2	210		10	100	2	LH1	LHR01	128	M ID 2/2	
		Required for DTTS if the hazardous shipment contains ammunition. Code value should be read as "one eye." (Loop 100) 11 - Department of Defense Identification Code (DoDIC)													
400	190	Hazmat - DoD Identification Code (DoDIC)		M AN 1/30	2	210		10	100	2	LH1	LHR02	127	M AN 1/30	
		Qualify in LHR01. Mandatory for all ammunition and explosives. Also called Navy Ammunition Logistics Code (NALC). (Loop 100)													
401	190	LHR SEGMENT (190)			2	210		10	100	2	LH1				
402	190	Competent Authority Approval Number Qualifier		M ID 2/2	2	210		10	100	2	LH1	LHR01	128	M ID 2/2	
		(Loop 100) HN - Hazardous Certification Number													
403	190	Competent Authority Approval Number		M AN 1/30	2	210		10	100	2	LH1	LHR02	127	M AN 1/30	
		Issued by Department of Transportation, approval number is CA-YYNNNNA, where Y = year, N = approval number within that year, and A is an optional alphanumeric designator. Only applicable when DoD requires an exception to the International performance oriented packaging rules. Qualify in LHR02. (Loop 100) CHANGE NOTE: Noted added to explain Hazardous Certification Number for compliance with 49 CFR requirements.													
404	190	LHR SEGMENT (190)			2	210		10	100	2	LH1				

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
405	190	DOT Exemption (DOT-E) Number Qualifier		M ID 2/2	2	210		10	100	2	LH1	LHR01	128	M ID 2/2	
		(Loop 100)													
		HE - Hazardous Exemption Number													
406	190	DOT Exemption (DOT-E) Number		M AN 1/30	2	210		10	100	2	LH1	LHR02	127	M AN 1/30	
		Identifies the DOT Exemption to any of the 49 CFR Regulations for hazardous materials. Normally used only for domestic shipments. Can be used for International shipments but is not guaranteed to be accepted by International customs. Reference 49 CFR 172.203(a). (Loop 100)													
407	190	LHR SEGMENT (190)			2	210		10	100	2	LH1				
		Use this segment if the hazardous shipment requires international regulation.													
408	190	Hazmat - Int'n Maritime Dangerous Goods Code (IMDG) Qual.		M ID 2/2	2	210		10	100	2	LH1	LHR01	128	M ID 2/2	
		(Loop 100)													
		IM - Intergovernmental Maritime Organization (IMO) Number													
409	190	Hazmat - Int'n Maritime Dangerous Goods Code (IMDG)		M AN 1/30	2	210		10	100	2	LH1	LHR02	127	M AN 1/30	
		Qualify in LHR01. (Loop 100)													
410	190	LHE SEGMENT (190)			2	220		1	100	2	LH1				
		CHANGE NOTE: MARK SEGMENT FOR DELETION: DM should be developed to eliminate the use of the LHE segment. These data appear elsewhere in the transaction, as noted below for each element in the LHE segment.													
411	190	Hazmat - Last Contents Ship Name		M AN 1/25	2	220		1	100	2	LH1	LHE01	224	M AN 1/25	
		CHANGE NOTE: Standard change reduces field size from 50 to 25 characters. Use LH301.													
412	190	Hazmat - Last ContentsPlacard Notation		M ID 14/40	2	220		1	100	2	LH1	LHE02	218	M ID 14/40	
		CHANGE NOTE: Placard notation no longer required per 49 CFR.													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
413	190	Hazmat - Last Contents Reference Number Qualifier		M ID 2/2	2	220		1	100	2	LH1	LHE03	128	M ID 2/2	
CHANGE NOTE: Use LHR01.															
414	190	Hazmat - Last Contents Reference Number		M AN 1/30	2	220		1	100	2	LH1	LHE04	127	M AN 1/30	
CHANGE NOTE: Use LHR02.															
415	190	Hazmat - Last Contents Reportable Quantity		O ID 2/2	2	220		1	100	2	LH1	LHE05	759	O ID 2/2	
CHANGE NOTE: Use LH205.															
416	200	LX SEGMENT (200)			2	10		1	999	1	LX				
DATA GROUP 200 CONDITION: This LX 200 Loop is conditional.															
417	200	200 Detail - Gross Weights Description Loop		M NO 3/3	2	10		1	999	1	LX	LX01	554	M NO 1/6	
When booking breakbulk cargo, assign numbers sequentially, ie. 1,2,3,4...999. This will be repeated for each TCN. Since containerized cargo is looped once, assign the number "1".															
418	200	L0 SEGMENT (200)			2	140		1	10	2	L0				
419	200	Shipment Gross Weight		O R 1/10	2	140		1	10	2	L0	L004	81	O R 1/10	
Qualify in L005 and L011. The total weight for the shipment. This weight includes the shipment net weight plus the tare weight. (Loop 200)															
420	200	Shipment Gross Weight Qualifier		O ID 1/1	2	140		1	10	2	L0	L005	187	O ID 1/2	
Qualify in L005 and L011. (Loop 200) G - Gross Weight															
421	200	Shipment Gross Weight Unit Qualifier		O ID 1/1	2	140		1	10	2	L0	L011	188	O ID 1/1	
(Loop 200) L - Pounds S - Short Ton T - Long Ton															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
422	200	LX SEGMENT (200)			2	10		1	999	1	LX				
			DATA GROUP 200 CONDITION: This LX 200 Loop is conditional.												
423	200	200 Detail - Tare Weights Description Loop		M N0 3/3	2	10		1	999	1	LX	LX01	554	M N0 1/6	
			Use value '200' to indicate the beginning of a 200 loop. This segment begins the loop used to describe weights that apply to the entire shipment. (Loop 200) CHANGE NOTE: New DE added to improve readability.												
424	200	L0 SEGMENT (200)			2	140		1	10	2	L0				
425	200	Shipment Tare Weight		O R 1/8	2	140		1	10	2	L0	L004	81	O R 1/10	
			Qualify in L005 and L011. The actual tare weight of the shipment. Tare weight is the weight of the truck or container. (Loop 200)												
426	200	Shipment Tare Weight Qualifier		O ID 1/1	2	140		1	10	2	L0	L005	187	O ID 1/2	
			(Loop 200) T - Tare Weight												
427	200	Shipment Tare Weight Unit Qualifier		O ID 1/1	2	140		1	10	2	L0	L011	188	O ID 1/1	
			(Loop 200) L - Pounds S - Short Ton T - Long Ton												
428	200	LX SEGMENT (200)			2	10		1	999	1	LX				
			DATA GROUP 200 CONDITION: The LX 200 Loop must occur for the shipment net weight.												
429	200	200 Detail - Net Weights Description Loop		M N0 3/3	2	10		1	999	1	LX	LX01	554	M N0 1/6	
			Use value '200' to indicate the beginning of a 200 loop. This segment begins the loop used to describe weights that apply to the entire shipment. (Loop 200) CHANGE NOTE: New DE added to improve readability.												
430	200	L0 SEGMENT (200)			2	140		1	10	2	L0				

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
431	200	Shipment Net Weight		O R 1/8	2	140		1	10	2	L0	L004	81	O R 1/10	
		Qualify in L005 and L011. The net weight of the shipment. Net weight = freight weight + skid weight + pallet weight + dunnage weight. (Loop 200)													
432	200	Shipment Net Weight Qualifier		O ID 1/1	2	140		1	10	2	L0	L005	187	O ID 1/2	
		(Loop 200) N - Actual Net Weight													
433	200	Shipment Net Weight Unit Qualifier		O ID 1/1	2	140		1	10	2	L0	L011	188	O ID 1/1	
		(Loop 200) L - Pounds S - Short Ton T - Long Ton													
434	200	LX SEGMENT (200)			2	10		1	999	1	LX				
		DATA GROUP 200 CONDITION: This LX 200 Loop is conditional.													
435	200	200 Detail - NEW Weights Description Loop		M N0 3/3	2	10		1	999	1	LX	LX01	554	M N0 1/6	
		Use value '200' to indicate the beginning of a 200 loop. This segment begins the loop used to describe weights that apply to the entire shipment. (Loop 200) CHANGE NOTE: New DE added to improve readability.													
436	200	L0 SEGMENT (200)			2	140		1	10	2	L0				
437	200	Net Explosive Weight		O R 1/8	2	140		1	10	2	L0	L004	81	O R 1/10	
		Qualify in L005 and L011. (Loop 200)													
438	200	Net Explosive Weight Qualifier		O ID 2/2	2	140		1	10	2	L0	L005	187	O ID 1/2	
		Use migration code value 'NX' to indicate Net Explosive Weight. (Loop 200) CHANGE NOTE: Per DM #255.													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
439	200	Net Explosive Weight Unit Qualifier		O ID 1/1	2	140		1	10	2	L0	L011	188	O ID 1/1	
		(Loop 200) L - Pounds S - Short Ton T - Long Ton													
440	200	LX SEGMENT (200)			2	10		1	999	1	LX				
		DATA GROUP 200 CONDITION: This LX 200 Loop is conditional.													
441	200	200 Detail - Dunnage Weights Description Loop		M NO 3/3	2	10		1	999	1	LX	LX01	554	M NO 1/6	
		Use value '200' to indicate the beginning of a 200 loop. This segment begins the loop used to describe weights that apply to the entire shipment. (Loop 200) CHANGE NOTE: New DE added to improve readability.													
442	200	L0 SEGMENT (200)			2	140		1	10	2	L0				
443	200	Shipment Dunnage Weight		O R 1/8	2	140		1	10	2	L0	L004	81	O R 1/10	
		Qualify in L005 and L011. (Loop 200)													
444	200	Shipment Dunnage Weight Qualifier		O ID 1/1	2	140		1	10	2	L0	L005	187	O ID 1/2	
		(Loop 200) R - Per Unit Dunnage													
445	200	Shipment Dunnage Weight Unit Qualifier		O ID 1/1	2	140		1	10	2	L0	L011	188	O ID 1/1	
		(Loop 200) L - Pounds S - Short Ton T - Long Ton													
446	200	LX SEGMENT (200)			2	10		1	999	1	LX				

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
447	200	200 Detail - Pallet Weights Description Loop		M N0 3/3	2	10		1	999	1	LX	LX01	554	M N0 1/6	
<p>This segment begins the loop used to describe weights that apply to the entire shipment. (Loop 200) CHANGE NOTE: New DE added to improve readability.</p>															
448	200	L0 SEGMENT (200)			2	140		1	10	2	L0				
449	200	Shipment Pallet Weight		O R 1/8	2	140		1	10	2	L0	L004	81	O R 1/10	
<p>Qualify in L005 and L011. (Loop 200)</p>															
450	200	Shipment Pallet Weight Qualifier		O ID 2/2	2	140		1	10	2	L0	L005	187	O ID 1/2	
<p>(Loop 200) PA - Pallet Weight</p>															
451	200	Shipment Pallet Weight Unit Qualifier		O ID 1/1	2	140		1	10	2	L0	L011	188	O ID 1/1	
<p>(Loop 200) L - Pounds S - Short Ton T - Long Ton</p>															
452	200	LX SEGMENT (200)			2	10		1	999	1	LX				
<p>DATA GROUP 200 CONDITION: This LX 200 Loop is conditional.</p>															
453	200	200 Detail - Skid Weights Description Loop		M N0 3/3	2	10		1	999	1	LX	LX01	554	M N0 1/6	
<p>Use value '200' to indicate the beginning of a 200 loop. This segment begins the loop used to describe weights that apply to the entire shipment. (Loop 200) CHANGE NOTE: New DE added to improve readability.</p>															
454	200	L0 SEGMENT (200)			2	140		1	10	2	L0				
455	200	Shipment Skid Weight		O R 1/8	2	140		1	10	2	L0	L004	81	O R 1/10	
<p>Qualify in L005 and L011. (Loop 200)</p>															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
456	200	Shipment Skid Weight Qualifier		O ID 2/2	2	140		1	10	2	L0	L005	187	O ID 1/2	
		(Loop 200) SK - Skid Weight													
457	200	Shipment Skid Weight Unit Qualifier		O ID 1/1	2	140		1	10	2	L0	L011	188	O ID 1/1	
		(Loop 200) L - Pounds S - Short Ton T - Long Ton													
458	200	LX SEGMENT (200)			2	10		1	999	1	LX				
		DATA GROUP 200 CONDITION: The LX 200 Loop must occur for the shipment freight weight.													
459	200	200 Detail - Freight Weights Description Loop		M NO 3/3	2	10		1	999	1	LX	LX01	554	M NO 1/6	
		Use value '200' to indicate the beginning of a 200 loop. This segment begins the loop used to describe weights that apply to the entire shipment. (Loop 200) CHANGE NOTE: New DE added to improve readability.													
460	200	L0 SEGMENT (200)			2	140		1	10	2	L0				
461	200	Shipment Freight Weight		O R 1/8	2	140		1	10	2	L0	L004	81	O R 1/10	
		Qualify in L005 and L011. Freight weight is the weight that line haul rate is based upon and may include skid, pallet, and dunnage weights, carried in separate MEA segments. The freight weight for all commodities should be accumulated and carried in the data element.). CHANGE NOTE: Per DM #212.													
462	200	Shipment Freight Weight Qualifier		O ID 2/2	2	140		1	10	2	L0	L005	187	O ID 1/2	
		Use migration code value 'FR' to indicate Freight Weight. (Loop 200) CHANGE NOTE: Per DM #223.													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
463	200	Shipment Freight Weight Unit Qualifier		O ID 1/1	2	140		1	10	2	L0	L011	188	O ID 1/1	
		(Loop 200) L - Pounds S - Short Ton T - Long Ton													
464	300	LX SEGMENT (300)			2	10		1	999	1	LX				
		DATA GROUP 300 CONDITION: If the shipment calls for accessorial or protective service, on LX loop must occur for each service ordered.													
465	300	300 Detail - Accessorial/Protective Services Loop		M NO 3/3	2	10		1	999	1	LX	LX01	554	M NO 1/6	
		Use value '300' to indicate the beginning of a 300 loop. This segment begins the Accessorial and Protective service loop. See Section 4.0 for looping logic and examples. See Section 6.0 for additional code list. (Loop 300)													
466	300	N9 SEGMENT (300)			2	100		10	999	1	LX				
467	300	Service Performed Identifier		M ID 2/2	2	100		10	999	1	LX	N901	128	M ID 2/3	
		(Loop 100) CHANGE NOTE: Code change per DTEDI DM 141. 1P - Accessorial Status Code													
468	300	Service Performed Date Qualifier		O AN 2/2	2	100		10	999	1	LX	N902	127	O AN 1/30	
		Qualify in N901. (Loop 300)													
469	300	Service Performed Date		O DT 6/6	2	100		10	999	1	LX	N904	373	O DT 6/6	
		The date the additional service was performed. Qualify in N901 and N902. Use date format YYMMDD.													
470	300	L0 SEGMENT (300)			2	140		1	10	2	L0				
471	300	Service Loop Identifier		O NO 3/3	2	140		1	10	2	L0	L001	213	O NO 1/3	
		Use value '300 - Accessorial/Protective Services Loop'. (Loop 300)													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes	
472	300	Service Units		O R 1/4	2	140		1	10	2	L0	L002	220	O R 1/11		
		The number of units (i.e. hours, 100 weight, etc.) for a specific additional service performed by the carrier. If this number is fractional, carry the decimal. If this number is an integer, a decimal is not required. If service units do not apply, leave L002 and L003 blank. (Loop 300)														
473	300	Service Units Qualifier		O ID 2/2	2	140		1	10	2	L0	L003	221	O ID 2/2		
		See Section 6.0 for additional code list. (Loop 300)														
474	300	L1 SEGMENT (300)			2	150		20	10	2	L0					
475	300	Service Rate		O R 1/7	2	150		20	10	2	L0	L102	60	O R 1/9		
		A decimal is required in this data. (Loop 300)														
476	300	Service Rate Qualifier		O ID 2/2	2	150		20	10	2	L0	L103	122	O ID 2/2		
		See Section 6.0 for application of X12 codes for Accessorial Services Loop. (Loop 300)														
477	300	Service Charge		O N2 1/8	2	150		20	10	2	L0	L104	58	O N2 1/9		
		The charge for an accessorial or protective service. If the shipper does not know the charge, carry '00' in this data element. A decimal is implied in this data. (Loop 300)														
478	300	Service Identifier Code		O ID 3/3	2	150		20	10	2	L0	L108	150	O ID 3/3		
		Reference the code list in Section 6.0 for the appropriate codes. (Loop 300)														
479	300	Service Description		O AN 2/25	2	150		20	10	2	L0	L112	276	O AN 2/25		
		Some accessorial services like empty movements require a Standard Point Location Code (SPLC) or other information to describe where the service was performed. This information is required to determine the charge for the service. See Section 6.0 for the application of this data element. (Loop 300)														
480	301	LX SEGMENT (301)			2	10		1	999	1	LX					
		DATA GROUP 301 CONDITION: This LX 301 Loop is conditional.														

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
481	301	301 Detail - Fuel Surcharge Loop		M N0 3/3	2	10		1	999	1	LX	LX01	554	M N0 1/6	
		Use value '301' to indicate the beginning of the 301 loop. This segment begins the loop used to describe a fuel surcharge. If a surcharge applies to the shipment, this segment must be used. (Loop 301)													
482	301	L0 SEGMENT (301)			2	140		1	10	2	L0				
483	301	Fuel Surcharge Loop Identifier		O N0 3/3	2	140		1	10	2	L0	L001	213	O N0 1/3	
		Use value '301' to indicate Fuel Surcharge Loop. (Loop 301)													
484	301	L1 SEGMENT (301)			2	150		20	10	2	L0				
485	301	Fuel Surcharge		O N2 1/8	2	150		20	10	2	L0	L104	58	O N2 1/9	
		The charge allowed for fuel surcharge. (Loop 301)													
486	301	Fuel Surcharge Service Identifier		O ID 3/3	2	150		20	10	2	L0	L108	150	O ID 3/3	
		(Loop 301) 405 - Fuel Surcharge BSC - Bunker Surcharge													
487	400	LX SEGMENT (400)			2	10		1	999	1	LX				
		DATA GROUP 400 CONDITION: This 400 LX Loop is mandatory.													
488	400	400 Detail - Commodity Classification Summary Loop		M N0 3/3	2	10		1	999	1	LX	LX01	554	M N0 1/6	
		Use value '400' to indicate the beginning of the 400 loop. This segment begins a loop used to describe each different type of commodity being moved under the bill. Description of each individual commodity type requires an LX segment. (Loop 400)													
489	400	L7 SEGMENT (400)			2	90		10	999	1	LX				
490	400	Tariff/Tender Rate Authority (SCAC)		O ID 2/4	2	90		10	999	1	LX	L702	168	O ID 1/4	
		The Standard Carrier Alpha Code that prefixes the tender number. (Loop 400)													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
491	400	Tariff/Tender Number		O AN 6/6	2	90		10	999	1	LX	L703	171	O AN 1/7	
		(Loop 400)													
492	400	Tariff/Tender Supplement Identifier		O AN 2/4	2	90		10	999	1	LX	L708	173	O AN 1/4	
		(Loop 400)													
493	400	Tariff/Tender Effective Date		O DT 6/6	2	90		10	999	1	LX	L710	373	O DT 6/6	
		Include for Guaranteed Traffic shipments. (Loop 400) CHANGE NOTE: Per shipper's instructions.													
494	400	L5 SEGMENT (400)			2	130		10	999	1	LX				
495	400	Commodity Description		O AN 1/50	2	130		10	999	1	LX	L502	79	O AN 1/50	
		Include if valid commodity code is unavailable. (Loop 400) CHANGE NOTE: Per shipper's instructions.													
496	400	Commodity Code		O AN 6/8	2	130		10	999	1	LX	L503	22	O AN 1/30	
		If the shipment goes FAK, enter DoD unique FAK code instead of the NMFC/UFC. Qualify in L504. (Loop 400)													
497	400	Commodity Code Qualifier		O ID 1/1	2	130		10	999	1	LX	L504	23	O ID 1/1	
		CFMS can cost with 'N', 'U', and 'D' only.; (Loop 400) CHANGE NOTE: Per shipper's instructions. C - Canadian Freight Classification D - Department of Defense Unique Codes E - Coordinated Motor Freight Classification I - Milstamp AITC or Water Commodity Code J - Harmonized System-Based Schedule B K - Federal Supply Classification N - National Motor Freight Classification (NMFC) T - Standard Transportation Commodity Code (STCC) U - Uniform Freight Classification (UFC)													
498	400	L0 SEGMENT (400)			2	140		1	10	2	LO				

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
499	400	Commodity Billed/Rated Quantity		O R 1/7	2	140		1	10	2	L0	L002	220	O R 1/11	
<p>All quantities that appear in LX 100 loops must be accumulated by commodity and carried here within the LX 400 Detail - Commodity Classification Summary Loop. A commodity is a single type of product or material. Transportation of a commodity is usually billed/rated by units of freight weight. A line item on a transportation bill describes a single commodity. The quantity of a line item commodity is described in the LX 100 Detail - Line Item Description loop. There may be many line items (i.e., LX 100 loops) of the same commodity. As with line item quantities, to describe accumulated quantities, two rules must be followed when constructing an L0 segment: 1) If the accumulated billed/rated quantity is expressed as freight weight, it appears here. Freight weight is the weight that line haul rate is based upon and may include skid, pallet, and dunnage weights, carried in separate MEA segments. The L004, L005, and L011 elements are not used. 2) If the accumulated billed/rated quantity is other than weight, such as barrels in the case of a pipeline shipment, it also appears here. In addition, the L004, L005, and L011 elements are used to carry the accumulated weight information, if required. See Section 6.0 for code list. (Loop 400) CHANGE NOTE: Per DM #212.</p>															
500	400	Commodity Billed/Rated Quantity Qualifier		O ID 2/2	2	140		1	10	2	L0	L003	221	O ID 2/2	
<p>See Section 6.0 for additional code list. (Loop 400) GL - Gallon LB - Pound</p>															
501	400	Weight		O R 1/8	2	140		1	10	2	L0	L004	81	O R 1/10	
<p>If the commodity freight weight has not been expressed as commodity billed/rated quantity in L002, then it can be expressed here. Freight wt = net wt - skid wt - pallet wt - dunnage wt. (Loop 400)</p>															
502	400	Weight Qualifier		O ID 2/2	2	140		1	10	2	L0	L005	187	O ID 1/2	
<p>Use migration code value 'FR' to indicate Freight Weight. If the commodity is bulk fuel or another commodity that requires weight in addition to units shipped, carry the commodity's freight weight here and carry the units shipped in L002 and L003. Otherwise, carry all commodity weights in the L002 and L003. (Loop400) CHANGE NOTE: Per DM #223.</p>															

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
503	400	Weight Unit Code		O ID 1/1	2	140		1	10	2	L0	L011	188	O ID 1/1	
		(Loop 400) L - Pounds													
504	400	L1 SEGMENT (400)			2	150		20	10	2	L0				
505	400	Freight Rate		O R 1/9	2	150		20	10	2	L0	L102	60	O R 1/9	
		Enter freight rate applied to the shipment of the commodity. (Loop 400)													
506	400	Freight Rate Qualifier		O ID 2/2	2	150		20	10	2	L0	L103	122	O ID 2/2	
		Code conversion table for Tender Form 364R rate codes is in Section 6.0. (Loop 400)													
507	400	Freight Charge		O N2 1/9	2	150		20	10	2	L0	L104	58	O N2 1/9	
		The total line haul charge for the specific commodity described in L503. (Loop 400)													
508	400	Type of Rate Qualifier		O ID 1/3	2	150		20	10	2	L0	L109	121	O ID 1/3	
		Qualifies the authority (tender/tariff) number identified in loop 400, L7 segment. (Loop 400) CHANGE NOTE: Code addition per DTEDI DM 140. Per shipper's instructions. A - Alternate Rating C - Specific Commodity Rate I - Class Not Identifiable L - Class Rate QUO - Quoted Rate Y - Exception Rating													
509	400	Declared Value		O N2 2/10	2	150		20	10	2	L0	L114	74	O N2 2/10	
		Required for proper application of rates for certain commodities. (Loop 400)													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
510	400	Declared Value Rate Qualifier		O ID 2/2	2	150		20	10	2	L0	L115	122	O ID 2/2	
		(Loop 400) LB - Per Pound PV - Per Vehicle													
511	400	LH1 SEGMENT (400)			2	170		1	100	2	LH1				
		Use this segment if the commodity is hazardous material.													
512	400	Hazmat - Unit Of Measure Code		M ID 2/2	2	170		1	100	2	LH1	LH101	355	M ID 2/2	
		If a commodity requires a HAZMAT indicator ONLY, use 'ZZ' in this data element and '0' in LH102. (Loop 400)													
513	400	Hazmat - Lading Quantity		M NO 1/0	2	170		1	100	2	LH1	LH102	80	M NO 1/7	
		Qualify in LH101. Use '0'. (Loop 400)													
514	500	LX SEGMENT (500)			2	10		1	999	1	LX				
		DATA GROUP 500 CONDITION: This DataGroup is conditional. If the shipper needs to report quality control information, DataGroup 500 must appear.													
515	500	500 Detail - ITO Quality Management Info Loop Qualifier		M NO 3/3	2	10		1	999	1	LX	LX01	554	M NO 1/6	
		Use value '500' to indicate the beginning of the 500 loop. This segment begins the loop used to carry transportation office quality management information. (Loop 500)													
516	500	N9 SEGMENT (500)			2	100		10	999	1	LX				
517	500	Reason (Not Lowest Cost) Qualifier		M ID 2/2	2	100		10	999	1	LX	N901	128	M ID 2/3	
		This qualifier must appear if not lowest cost is used. (Loop 500) CHANGE NOTE: Code change per DTEDI DM 142. 25 - Reason Not Lowest Cost Code													
518	500	Reason (Not Lowest Cost		O AN 1/2	2	100		10	999	1	LX	N902	127	O AN 1/30	
		Qualify in N901. See section 6.0 for list of valid codes. (Loop 500)													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
519	500	L0 SEGMENT (500)			2	140		1	10	2	L0				
520	500	Item Qualifier		O N0 3/3	2	140		1	10	2	L0	L001	213	O N0 1/3	
Use value '500' to indicate ITO Quality Management Info Loop. If loop 500 Detail is used, this qualifier must appear. (Loop 500)															
521	500	L1 SEGMENT (500)			2	150		20	10	2	L0				
522	500	Not Lowest Cost Charge Difference		O N2 1/8	2	150		20	10	2	L0	L104	58	O N2 1/9	
Use '0' (zero) if no charge difference is available. (Loop 500) CHANGE NOTE: Per shipper's instructions.															
523	990	L3 SEGMENT			3	10		1							
524	990	Total Charge for Shipment		O N2 1/9	3	10		1				L305	58	O N2 1/9	
Estimated or calculated charge for entire shipment.															
525	990	Total Cube of Shipment		O R 1/8	3	10		1				L309	183	O R 1/8	
Qualify in L310.															
526	990	Total Cube of Shipment Qualifier		O ID 1/1	3	10		1				L310	184	O ID 1/1	
This qualifier must appear if total cube of shipment is used. E - Cubic Feet G - Gallons H - Hundreds of Measurement Tons S - Measurement Ton V - Liter X - Cubic Meters															
527	990	Number of Carloads/Truckloads Used		O N0 1/7	3	10		1				L311	80	O N0 1/7	
The total number of pieces of equipment used for the shipment. This 'quantity' may be used to rate the cost of a shipment.															
528	10	SE SEGMENT			3	20		1							

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 Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
529	10	Number of Included Segments		M	N0 1/10	3	20		1				SE01	96	M N0 1/10	
			Total segments in this transaction set including the ST and SE segments.													
530	10	Transaction Set Control Number		M	AN 9/9	3	20		1				SE02	329	M AN 4/9	
			This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.													

858 FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX

DATA
GRP TBL POS

REF
DES

DE #

DoD
REQ

VALUE

DoD CONVENTION
NOTES

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10.7 DoD CONVENTIONS

Overview

This chapter presents the DoD's convention for interpreting the Government Bill of Lading (GBL) using the ASC X12.18 Transaction Set 858 Shipment Information (Version 003050). It was derived from:

- Table 10.5-1, Application Mapping Matrix, that describes the discrete DoD data requirements for generating electronic GBLs for freight shipments.
- ASC X12.18 Transaction Set 858 Shipment Information.

A database management system was used to merge the Application Mapping Matrix and a Transaction Set 858 database into the subset of 858 segments described in Table 10.7-2 of this chapter.

Purpose

This chapter contains all necessary information for a DoD trading partner to map and translate a Transaction Set 858. All trading partners who plan to exchange the Transaction Set 858 can use this document as a reference for the development of their EDI database/translator interface program.

Contents

Two tables are included in this chapter.

- Table 10.7-1, ASC X12.101 Transaction Set 858 Segment Hierarchy, describes the 858 segments as they appear in the ASC X12 Standards Dictionary.
- Table 10.7-2, DoD 858 Convention, is a detailed description of the DoD's convention for use of Transaction Set 858. All segments identified in Table 10.7-1 are detailed in Table 10.7-2 by segment, position, and code value.

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TABLE 10.7-1

ASC X12.18 TRANSACTION SET 858 SEG- MENT HIERARCHY (Version 003050)

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TABLE 10.7-2

DoD 858 CONVENTION

How To Read This Table

This table contains two sets of references: ASC X12 references are presented in normal font, while Government references are presented in an italicized font.

Government References

Instructions in italicized font describe the DoD convention. They contain three general references.

- **INDEX:** It is enclosed in brackets and corresponds to a specific INDEX from Table 10.5-1 Application Matrix.
- **DATA NAME:** Appears after the INDEX and corresponds to a specific DATA NAME from Table 10.5-1 Application Matrix.
- **CODE VALUES:** Each value corresponds to a specific INDEX and includes the DoD variation on the code definition. This information helps the user trace data elements back to Table 10.5-1 Application Matrix.

How To Use This Table

This table can be used to identify the data contained in populated Transaction Set 858.

1. Identify a segment from a populated transaction set (See Appendix 10.C for examples of the 858).
2. Look up the segment in Table 10.7-1.
3. Identify a Reference Designator (Ref. Des.).
4. Read the information under that Reference Designator to find the DATA NAME, INDEX, and CODE that can be traced to Table 10.5-1.

Electronic Publication

File 858D3050.PDF contains the DoD X12 Transaction Set 858 Shipment Information (Version 003050) implementation convention. For the DoD implementation convention including DTEDI developer notes, see file 858A3050.PDF

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**10.A Blank Government Bill of Lading
(Standard Form 1103)**

An electronic copy of DoD Standard Form 1103 is not available, to obtain a paper copy, contact the:

Defense Logistics Management Standards Office
Attn: DLMSO (Room 1655), HQ DLA
8725 John J Kingman Rd., Suite 2533
Ft. Belvoir, VA 22060-6221

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10.C Examples - X12.18

Transaction Set 858

Shipment Information

This appendix contains examples of the Government Bill of Lading in the ASC X12 Transaction Set 858 format. The examples include:

Example 1 - Rail Shipment of Shipper Owned Containers on a Railcar

Example 2.1 - Accessorial Service from ITO to MTMC

Example 2.2 - Accessorial Service from MTMC to DFAS-IN

Example 2.3 - Accessorial Service from ITO to MTMC

Example 2.4 - Accessorial Service from MTMC to DFAS-IN

Example 3 - GBL Correction Indicator String

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EXAMPLE 1 - Rail Shipment of Shipper Owned Containers on a Railcar

TABLE A - HEADER AREA

ST*858*43124001 n/l	Transaction set header
BX*00*R*CC*C1421643*CSXT**G**F n/l	GBL number (BX07 identifies a Guaranteed Traffic bill)
BNX*S**V n/l	
N9*FI*SI n/l	Transaction content
N9*RG*1SXX09995N n/l	Route order number
N9*CN*{carrier freight bill no.}**{date} n/l	
N9*CT*{contract number}**{date} n/l	
Y7*{transportation priority code} n/l	
G62*76*880523 n/l	Date bill was prepared
G62*86*880525 n/l	Pickup date
PER*IC**TE*3013207272 n/l	Shipment contact telephone no.
PER*EF**TE*7037560000 n/l	Emergency contact telephone no.
F9**Jacksonville*NC***** {splc} n/l	Originating rail station
D9**Charleston*SC***** {splc} n/l	Destination rail station
R2*CSXT*1*Jacksonville n/l	
H3*HHB n/l	Accessorial service request
NTE*APS*4,6120,AH96 n/l	Appropriation (ATAC)
NTE*PAY*71656 n/l	Appropriation dollars
N7*TTWX*993476*1490*N*****08904	
*****KF2x n/l	1st railcar
N5*08904*1490**KF2x n/l	Equipment ordered
N1*CA*CSXT n/l	Carrier
N1*ST*Marine Corp Maint. Cmd*10*M92502 n/l	Destination
N3*5880 Gateco Blvd, Blount Isle n/l	
N4*Jacksonville*FL*32218**SL*491200000 n/l	

N1*SF*Traffic Management Office*10

*DoDAAC n/l

Origin

N3*Naval Weapons Station n/l

N4*Charleston*SC*294087000**SL*447178000 n/l

N1*CN*Marine Corp Maint. Cmd n/l

Consignee

N3*5880 Gateco Blvd, Blount Isle n/l

N4*Jacksonville*FL*32218*BL*ICOI n/l

N1*SH*Traffic Management Office*10*N00612 n/l

Shipper

N3*Naval Weapons Station n/l

N4*Charleston*SC*294087000 n/l

N1*PO*Commanding General n/l

Bill charges to

N3*Marine Corp Logistics Base n/l

N4*Albany*GA*317045000 n/l

N1*IU*Traffic Management Office n/l

Issuing office

N3*Naval Weapons Station n/l

N4*Charleston*SC*294087000 n/l

PER*IO*D.L. Allen n/l

TABLE B - DETAIL AREA

LX*100 n/l	100 Detail - Line Item Description Loop, LINE ITEM 1
N7*TTWX*993476 n/l	Cross reference to primary equipment
NA***USSC*0331011 n/l	Shipper-owned equipment
M7*0286446 n/l	
N9*TG**1410011352092 n/l	TCN
N9*M6*2 n/l	
L5***{UFC no.}*D n/l	Line description
LH6*M. B. MEIERDIERKS*2*THIS IS TO CERTIFY	
THAT THE HEREIN NAMED n/l	Additional Hazmat Info
LH6***MATERIALS ARE PROPERLY CLASSIFIED,	
DESCRIBED, PACKAGED n/l	
LH6***MARKED, AND LABELED AND ARE IN	
PROPER CONDITION n/l	
LH6***FOR TRANSPORTATION ACCORDING	
TO THE APPLICABLE n/l	
LH6***REGULATIONS OF THE DEPARTMENT OF	
TRANSPORTATION n/l	
L0**1800*LB***104.7*E*18*BOX n/l	Weights and quantity
MEA*NX**206.46*PN n/l	Net explosive weight
LH1*ZZ*00*UN0191 n/l	Hazmat information
LH2*1.1E**EXPLOSIVE A n/l	
LH3*Rocket Ammunition with n/l	
LFH*Explosive Projectile n/l	
LHR*II*{DoDIC} n/l	DoDIC

LX*100 n/l 100 Detail - Line Item Description Loop, LINE ITEM 2

N7*TTWX*993476 n/l Cross reference to primary equipment

NA***USSC*0331011 n/l Shipper-owned equipment

M7*0286446 n/l

N9*TG*1425010249982 n/l

N9*M6*2 n/l

L5***{UFC no.}*D n/l

L0**2514.7*LB***223.6*E*24*BOX n/l

MEA*NX**20.64*PN n/l

LH1*ZZ*00*UN0191 n/l

LH2*1.1E**EXPLOSIVE A n/l

LH3*Rocket Ammunition with n/l

LFH*Explosive Projectile n/l

LHR*1I*{DoDIC} n/l

LX*100 100 Detail - Line Item Description Loop, LINE ITEM 3

N7*TTWX*993476 n/l Cross reference to primary equipment

NA***USSC*0331011 n/l Shipper-owned equipment

M7*0286446 n/l

N9*TG*1427012271722 n/l

N9*M6*2 n/l

L5***{UFC no.}*D n/l

L0**2016*LB***197.0*E*28*BOX n/l

MEA*NX**168.00*PN n/l

LH1*ZZ*00*UN0191 n/l

LH2*1.1E**EXPLOSIVE A n/l

LH3*Rocket Ammunition with n/l

LFH*Explosive Projectile n/l

LHR*1I*{DoDIC} n/l

DoDIC

LX*100 n/l

100 Detail - Line Item Description Loop, LINE ITEM 4

N7*TTWX*993476 n/l

Cross reference to primary equipment

NA***USSC*0350602 n/l

Shipper-owned equipment

M7*0286491 n/l

N9*TG*1325010150359 n/l

N9*M6*4 n/l

L5***{UFC no.}*D n/l

L0**19800*LB***720.4*E*24*BOX n/l

MEA*NX**2400.00*PN n/l

LH1*LB*24*UN0048 n/l

LH2*1.1D**EXPLOSIVE A n/l

LH3*Charges, Demolition n/l

LHR*1I*ML05 n/l

DoDIC

LX*100 n/l

100 Detail - Line Item Description Loop, LINE ITEM 5

N7*TTWX*993476 n/l

Cross reference to primary equipment

NA***USSC*0331011 n/l

Shipper-owned equipment

M7*0286491 n/l

N9*TG*8115 n/l

L5***{UFC no.}*D n/l

L0**5200*LB***0.0*E*1*CNT n/l

MEA*SK*B*200.5*PN n/l

Weight of the skid used for this type pack

MEA*DN*B*20.5*PN n/l

Weight of the dunnage for this type pack

LX*200 n/l	200 Detail - Weights Description Loop
L0****3155170*N*****L n/l	Original shipment net weight
LX*200 n/l	
L0****279510*NX*****L n/l	Original shipment net explosive weight
LX*200	Original shipment skid weight
L0****200.5*SK n/l	
LX*200	Original shipment dunnage weight
L0****20.5*R n/l	
LX*200 n/l	Original shipment freight weight
L0****21330.7*FR n/l	
LX*300 n/l	Accessorial Loop
N9*A5*DP**880525 n/l	Date service performed
L0*300*50*NC n/l	Rate qualifier/minimum per shipment
L1**50.00*FC*50.00****HHB n/l	Charge and type of service
LX*400 n/l	Commodity summary loop
L7**CSXT*600583 n/l	Effective tender for this commodity
L5***{UFC No.}*U n/l	Commodity code
L0**{Total UFC qty}*LB*{Total UFC qty}*FR *****L n/l	Total quantity and weight
L1** .0035*HM*****1.68*LB n/l	Rate and declared value

LX*500 n/l	ITO quality management loop
N9*ZZ*A n/l	Not lowest cost reason code
L0*500 n/l	
L1****10000 n/l	Difference between actual cost and lowest cost (\$100.00)

TABLE C - SUMMARY AREA

L3*****7165600 n/l	Estimated charges
SE*{total segments in transaction set}*43124001 n/l	Transaction set trailer

EXAMPLE 2.1 - Accessorial Service From ITO to MTMC

TABLE B - DETAIL AREA

This example shows how an Installation Transportation Office (ITO) will send accessorial service information to the Conus Freight Management System (CFMS). The service presented in this example is Escort Service (DoD code ES). Escort service information must be identified for each day the service is ordered. Each day's information is represented by a separate LX loop. Each day's information will consist of three types of units of service: number of escort miles, number of escort vehicles, and number of escort persons. Each of these variable units is represented by a separate L0 loop. The first L0 loop will also include an L1 segment identifying the service.

LX*300 n/1	300 Detail - Accessorial and Protective Service Loop. This LX loop describes FIRST DAY service.
N9*A5*DP**920317	Date service performed.
L0*300*250*DM n/1	250 miles.
L1****00****MES n/1	DoD service code. Must be in first L0 loop.
L0*300*2*NV n/1	2 vehicles.
L0*300*4*PR n/1	4 persons.
LX*300 n/1	300 Detail - Accessorial and Protective Service Loop. This LX loop describes SECOND DAY service.
N9*A5*DP**920318	Date service performed. Must be in first L0 loop.
L0*300*125*DM n/1	125 miles.
L1****00****MES n/1	DoD service code. Must be in first L0 loop.
L0*300*1*NV n/1	1 vehicle.
L0*300*2*PR n/1	2 persons.

EXAMPLE 2.2 - Accessorial Service From MTMC to DFAS-IN

TABLE B - DETAIL AREA

This example shows how MTMC will send accessorial service information to the Defense Transportation Payment System (DTRS). The service presented in this example is Escort Service (DoD code ES). Escort service information must be identified for each day the service is ordered. Each day's information is represented by a separate LX loop. Each day's information will consist of three types of units of service: number of escort miles, number of escort vehicles, and number of escort persons. Each of these variable units is represented by a separate L0 loop. The first L0 loop will also include an L1 segment identifying the service.

LX*300 n/l	300 Detail - Accessorial and Protective Service Loop. This LX loop describes FIRST DAY service.
N9*A5*DP**920317	Date service performed. Must be in first L0 loop.
L0*300*250*DM n/l	250 miles.
L1**1.00*VH*25000****MES n/l	DoD service code, rate and charge. Must be in first L0 loop.
L0*300*2*NV n/l	2 vehicles.
L0*300*4*PR n/l	4 persons.
LX*300 n/l	300 Detail - Accessorial and Protective Service Loop. This LX loop describes SECOND DAY service.
N9*A5*DP**920318	Date service performed. Must be in first L0 loop.
L0*300*125*DM n/l	125 miles.
L1**200.00*NV*20000****MES n/l	DoD service code. Must be in first L0 loop.
L0*300*1*NV n/l	1 vehicle.
L0*300*2*PR n/l	2 persons.

EXAMPLE 2.3 - Accessorial Service From ITO to MTMC

TABLE B - DETAIL AREA

This example shows how an ITO will send accessorial service information to CFMS when billable units (L003) are not required. The service presented in this example is Overweight Permit (DoD code OW).

LX*300 n/1	300 Detail - Accessorial and Protective Service Loop. This LX loop describes FIRST DAY service.
N9*A5*DP**920318	Date service performed.
L0*300 n/1	This segment required by X12 syntax rules.
L1****00****PER n/1	DoD service code.

EXAMPLE 2.4 - Accessorial Service From MTMC to DFAS-IN.

TABLE B - DETAIL AREA

This example shows how MTMC will send accessorial service information to the DTRS when billable units are not required but a rate, charge, and L112 value are required. The service presented in this example is Overweight Permit (DoD code OW).

LX*300 n/1	300 Detail - Accessorial and Protective Service Loop. This LX loop describes FIRST DAY service.
N9*A5*DP**920318	Date service performed.
L0*300 n/1	This segment required by X12 syntax rules.
L1**35.00*FC*3500****PER****ADJ4 n/1	DoD service code, charge, and adjustment indicator.

EXAMPLE 3 - GBL Correction Indicator String.

NTE Segment

The GBL correction indicator string is 8 character positions long. Each character position corresponds to specific data elements or groups of data elements in the GBL. For example, the 6th character position indicates if there is a change to GBL equipment data. Building the string using 'Y' and 'N' characters, the finance center indicates which data elements are affected by the GBL correction. A 'Y' indicates a change and an 'N' indicates no change.

TABLE B-1
GBL CORRECTION INDICATORS

Indicator Position	Description
1	Accounting Classification - Indicates a change to one or more accounting classifications.
2	Authorized Services - Indicates a change to one or more authorized services (accessorials), including service quantities, service quantity qualifiers, and service codes.
3	Basic GBL Data - Indicates a change to any of the basic GBL information (such as weights, shipping origin/destination, commodity information, diversion information, linehaul rates, tariff information, pick-up/delivery dates, etc.).
4	Not used.
5	Cost Data - Indicates a change to costed amounts and accessorial rate/rate qualifier information.
6	Equipment Data - Indicates a change in equipment codes, lengths, and capacities.
7	Not used.
8	Routing and Stop-Off Data - Indicates a change of routing standard carrier alpha codes as well as stop-off standard point locations.

Example:

NTE*CHG*YYNNNYNN n/l

This string indicates a change to the GBLs accounting classification, its authorized services, and its equipment data.

Appendix D Tables - Looping Logic for Cross-Reference Data Groups

This appendix contains added explanation of data groups 60, 80, 100, 120, and 190. Some examples have been included for clarification.

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Data Group 60 - Equipment Information

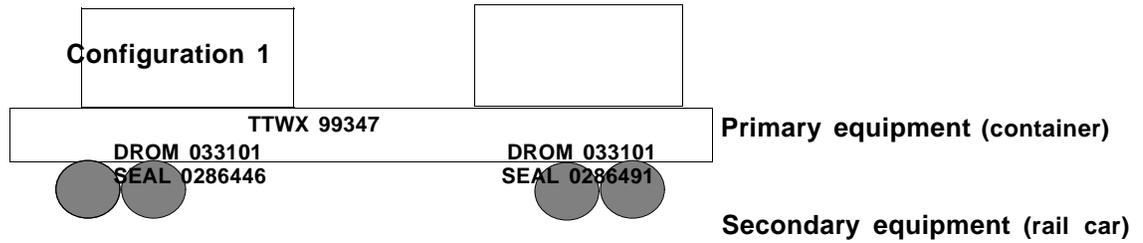
Terms:

Shipper Equipment/Vehicles - Equipment/vehicle(s) supplied/owned by the shipper to include DROMs, containers, and vehicles. This equipment is usually conveyed using primary equipment.

Primary Equipment - Equipment ordered by the shipper from the carrier. This equipment or its equivalent is furnished by the carrier and used in the transportation of the shipment. The shipper pays only for the primary equipment ordered.

Secondary Equipment - Equipment furnished by the carrier in addition to primary equipment. Generally, this equipment is used to convey the primary equipment. The shipper incurs no cost for the use of secondary equipment. (Example: a rail car used to convey shipper ordered containers)

Configuration 1 - Primary Equipment (DROM) on Secondary Equipment (Railcar)



Data Name	Mapping	Prime Eq.	Prime Eq.	Prime Eq.
		1	2	3

Primary Furnished (Header & LX*100)

Initials	N701	DROM	DROM	
Numbers	N702	033101	033205	
Cube	N708	155	155	
Cube Qual.	N709	E	E	
Length	N715			
Equip. Type	N722	AD2x	AD2x	

Secondary Furnished (Header)

Initials	NA03	TTWX	TTWX	
Numbers	NA04	993476	993476	

Seals (Header)

Number	M701-04	0286446	0286491	
Applied By	M705	SH	SH	

Primary Ordered (Header)

Length	N501			
Weight Cap.	N502			
Cube Cap.	N503	132	132	
Equip. Type	N504	AD1x	AD1x	

Government Owned Equip. (LX*100)

Vehicle Identifier	NA01-04			
--------------------	---------	--	--	--

Container/DROM

Initials	NA03			
Numbers	NA04			
Seal No.	M701-04			
Seal Applied	M705			

Configuration 1 Example

HEADER AREA

N7*DROM*033101*****155*E*****

AD2x n/l **Primary 1 furnished**

NA***TTWX*993476 n/l **Secondary**

M7*0286446****SH n/l **Primary seals**

N5***132*AD1x n/l **Primary ordered**

N7*DROM*033205*****155*E*****

AD2x n/l **Primary 2 furnished**

NA***TTWX*993476 n/l **Secondary**

M7*0286491****SH n/l **Primary seals**

N5***132*AD1x n/l **Primary ordered**

DETAIL AREA

LX*100 n/l

N7*DROM*033101 n/l **Primary 1 visibility**

L5* ... n/l

LX*100 n/l

N7*DROM*033205 n/l **Primary 2 visibility**

L5* ... n/l

Configuration 2 - Government Owned Vehicles on Primary Equipment (Railcar)

Data Name	Mapping	Prime	Prime	Prime
		1	2	3
Primary Furnished (Header & LX*100)				
Initials	N701	TTWX		
Numbers	N702	993476		
Cube	N708			
Cube Qual.	N709			
Length	N715	08904		
Equip. Type	N722	KF2x		
Secondary Furnished (Header)				
Initials	NA03			
Numbers	NA04			
Seals on Primary (Header)				
Number	M701-04			
Applied By	M705			
Primary Ordered (Header)				
Length	N501	08904		
Weight Cap.	N502	149000		
Cube Cap.	N503			
Equip. Type	N504	KF2x		
Government Owned Equip. (LX*100)				
Vehicle Id Qualifier	NA01	VIN	VIN	
Vehicle VIN or filler	NA02	0	0	
Vehicle Type Qualifier	NA03	DODA	DODA	
Vehicle Bumper No.	NA04	B-301	B-301	
Container/DROM				
Initials	NA03			

Numbers	NA04
Seal No.	M701-04
Seal Applied	M705

Configuration 2 Example

HEADER AREA

N7*TTWX*993476*****08904*****

KF2x n/l **Primary 1 furnished**

N5*08904*149000**KF2x n/l **Primary ordered**

DETAIL AREA

LX*100 n/l

N7*TTWX*993476 n/l **Primary 1 visibility**

NA*VIN*0*DODA*M1A1666 n/l **Gov't owned vehicle**

L5* ... n/l

LX*100 n/l

N7*TTWX*993476 n/l **Primary 1 visibility**

NA*VIN*0*DODA*M1A17777 **Gov't owned vehicle**

L5* ... n/l

Configuration 3 - Primary Equipment (Motor van)

Data Name	Mapping	Prime	Prime	Prime
	1	2	3	
Primary Furnished (Header & LX*100)				
Initials	N701	SCAC		
Numbers	N702	055999		
Cube	N708			
Cube Qual.	N709			
Length	N715	04500		
Equip. Type	N722	AV3x		
Secondary Furnished (Header)				
Initials	NA03			
Numbers	NA04			
Seals on Primary (Header)				
Number	M701-04			
Applied By	M705			
Primary Ordered (Header)				
Length	N501	04000		
Weight Cap.	N502	40000		
Cube Cap.	N503			
Equip. Type	N504	AV2		
Government Owned Equip. (LX*100)				
Vehicle Info	NA01-04			
Container/DROM				
Initials	NA03			
Numbers	NA04			
Seal No.	M701-04			
Seal Applied	M705			

Configuration 3 Example

HEADER AREA

N7*SCAC*055999*****04500*****

AV3x n/l

Primary Equipment Furnished

NA***TTWX*993476 n/l

Secondary Equipment Furnished

N5*04000*40000**AV2x n/l

Primary Equipment Ordered

DETAIL AREA

LX*100 n/l

No visibility needed for this configuration

N7*SCAC*05599 n/l

L5* ... n/l

**Configuration 4 - Primary (Motor van) and Primary (DROM) on
Secondary (Flatbed)**

Data Name	Mapping	Prime 1	Prime 2	Prime 3
Primary Furnished (Header & LX*100)				
Initials	N701	SCAC	DROM	DROM
Numbers	N702	099431	999111	999444
Cube	N708		132	132
Cube Qual.	N709		E	E
Length	N715	04000		
Equip. Type	N722	AV2x	AD1x	AD1x
Secondary Furnished (Header)				
Initials	NA03		SCAC	SCAC
Numbers	NA04		111333	111333
Seals on Primary (Header)				
Number	M701-04		222222	333333
Applied By	M705		SH	SH
Primary Ordered (Header)				
Length	N501	04000		
Weight Cap.	N502	40000		
Cube Cap.	N503		132	132
Equip. Type	N504	AV2x	AD1x	AD1x
Government Owned Equip. (LX*100)				
Vehicle Info	NA01-04			
Container/DROM				
Initials	NA03			
Numbers	NA04			
Seal No.	M701-04			
Seal Applied	M705			

HEADER AREA

N7*SCAC*099431*****04000*****AV2x n/l

Primary 1 furnished

N5*04000*40000**AV2x n/l

Primary ordered

N7*DROM*999111*****132*E*****

AD1x n/l

Primary 2 furnished

NA***SCAC*111333 n/l

Secondary

M7*222222***SH n/l

Primary seals

N5***132*AD1x n/l

Primary ordered

N7*DROM*999444*****132*E*****

AD1x n/l

Primary 3 furnished

NA***SCAC*111333 n/l

Secondary

M7*333333***SH n/l

Primary seals

N5***132*AD1x n/l

Primary ordered

DETAIL AREA

LX*100 n/l

N7*SCAC*099431 n/l

Primary 1 visibility

L5* ... n/l

LX*100 n/l

N7*DROM*999111 n/l

Primary 2 visibility

L5* ... n/l

LX*100 n/l

N7*DROM*999444 n/l

Primary 3 visibility

L5* ... n/l

Data Group 80 - Stop-off Information

The S5 stop-off loop of the 858 is used for any pickup or delivery performed between the origin and destination points. This includes split pickup and delivery points that share the same Standard Point Location Code as the origin and/or destination point. Origin and destination addresses do not occur in the S5 stop-off loop. The stop-off sequence number that appears in the S5 segment must also appear with corresponding line items in the N9 segment within the LX 100 loop.

HEADER AREA

N1*SF*Ship from name n/	Origin
N4*Charleston*SC*294087000**SL*447178 n/	Origin SPLC
N1*ST*Ship to name n/	Destination
N4*Jacksonville*FL*32218**SL*491200 n/	Destination SPLC
S5*1*LD*****447178 n/	Stop sequence number and SPLC for split pickup at origin
N1*LP>Loading party name n/	
S5*2*LD*****447100 n/	Stop sequence number and SPLC for stop-off to load
N1*LP>Loading party name n/	
S5*3*UL*****447220 n/	Stop sequence number and SPLC for stop-off to unload
N1*UP*Unloading party name n/	
S5*4*UL*****491200 n/	Stop sequence number and SPLC for split delivery at destination
N1*UP*Unloading party name n/	

DETAIL AREA

LX*100 n/	
N9*QN*1 n/	Cross reference of line item to stop-off sequence number 1
L5*... n/	Commodity description
L0*... n/	Commodity quantity
LX*100 n/	
N9*QN*2 n/	Cross reference of line item to stop-off sequence number 2
L5*... n/	Commodity description
L0*... n/	Commodity quantity

LX*100 n/l	
N9*QN*3 n/l	Cross reference of line item to stop-off sequence number 3
L5*... n/l	Commodity description
L0*... n/l	Commodity quantity
LX*100 n/l	
N9*QN*4 n/l	Cross reference of line item to stop-off sequence number 4
L5*... n/l	Commodity description
L0*... n/l	Commodity quantity
LX*100 n/l	Delivered at destination
L5*... n/l	Commodity description
L0*... n/l	Commodity quantity
LX*100 n/l	Delivered at destination
L5*... n/l	Commodity description
L0*... n/l	Commodity quantity
LX*100 n/l	Delivered at destination
L5*... n/l	Commodity description
L0*... n/l	Commodity quantity

Data Group 100 - Commodity Header Information

Data Group 120 - Commodity Detail Information

A commodity is a single type of product or material. A line item on a transportation bill can describe a single commodity. There may be multiple subpacks of the commodity within the line item. There may be many line items of the same commodity.

The data group 100 - Commodity Header Information is described within the LX 100 Detail - Line Item Description Loop. When constructing this loop, one rule must be followed: A line item (LX 100 loop) can describe a single commodity only, however, that commodity can occur across multiple line items (LX 100 loops).

The data group 120 - Commodity Detail Information is described in the L0 loop of the LX 100 loop. An L0 segment should occur for every subpack of the line item. If a pallet and a box move under the same line item, they are described in separate L0 loops. Two rules must be followed when constructing an L0 segment.

- 1) If the commodity quantity is expressed as weight, it appears in the L002 and L003 elements. The L004, L005, and L011 elements should not be used.
- 2) If the commodity quantity is expressed in units other than weight, those units also appear in the L002 and L003 elements. The L004, L005, and L011 elements are used to carry the weight information if required in addition to the quantity units.

Data Group 190 - HAZMAT Information

The data group 190 - HAZMAT Information, if applicable, appears once for each LX 100 loop in the LH1 loop. Sometimes special instructions appear on the GBL cover page. Those instructions should be grouped in the LH1 loop under the first occurrence of the LX 100 loop. The line item specific instructions should be grouped in the LH1 loop with their corresponding commodity. If a line item requires a HAZMAT indicator only, it is carried in the LH1 segment and no other LH segments are used.

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10.F Additional Government Code Lists

This appendix contains additional code lists for formatting GBL data for freight shipments.

Code lists include:

- [126] - Type of Equipment Furnished
- [141] - Type of Equipment Ordered
- [006] - Transportation Method Code (Mode)
- [506] - Freight Rate Qualifier
- [476] - Service Rate Qualifier
- [518] - Reason (Not Lowest Cost)
- [478] - Service Identifier Code
- [085] - Accessorial/Protective Service Ordered Identifier
- [353] - Type Pack Qualifier
- [500] - Commodity Billed/Rated Quantity Qualifier
- [347] - Billed/Rated Quantity Qualifier
- [473] - Service Units Qualifier
- [101] - Appropriation Type, Weight, and Number Mapping

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[126] - Type of Equipment Furnished

Mapping: 1 330 N722 24

[141] - Type of Equipment Ordered

Mapping: 1 350 N504 301

Motor and TOFC (Dimensions are Outside Dimensions)

DoD Code	DoD Definition
A5	Tractor, air ride
A6	Tractor, other than air ride
A7	Flat bed, 30 feet and less, hooked in tandem as one unit
A8	Van, air ride, w/temperature and humidity control
A9	Van, closed, padded, w/ air ride suspension 2nd & 3rd proviso only
A10	410 Dromedary, 102" L x 75 1/2" H x 92" W, 410 cubic feet
A11	Van, air ride, 45 ft or 48 ft, padded, equipped with electric hydraulic powered crane loading unloading system or hydraulic powered
A16	Special Dromedary with MRO
A20	Motor vehicle transport trailer
A30	Removeable gooseneck
A40	Flat bed trailer, hot shot, 40 ft and over
A50	Van, closed, padded/logistics type, freight only, w/air ride suspension, 40 ft and over
AA1	Van, closed air ride, 30 ft and less
AA2	Van, closed air ride, 31-40 ft
AA3	Van, closed air ride, over 40 ft
AB0	Lowboy, level deck, 10 axles and over
AB2	Lowboy, level deck, 2 axles
AB3	Lowboy, level deck, 3 axles
AB4	Lowboy, level deck, 4 axles
AB5	Lowboy, level deck, 5 axles
AB6	Lowboy, double drop, air ride, w/outriggers, 3 axles
AB7	Lowboy, level deck, 7 axles

DoD Code	DoD Definition
AB9	Lowboy, level deck, 9 axles
AC2	Expandable low bed trailer, 2 axles
AC3	Expandable low bed trailer, 3 axles
AC4	Expandable low bed trailer, 4 axles
AD	Regular Dromedary
AD6	Dromedary with Mechanical Restraining Device (MRD)
AE0	Lowboy, double drop, 10 axles and over
AE2	Lowboy, double drop, 2 axles
AE3	Lowboy, double drop, 3 axles
AE4	Lowboy, double drop, 4 axles
AE5	Lowboy, double drop, 5 axles
AE6	Lowboy, double drop, w/outriggers, 3 axles
AE7	Lowboy, double drop, 7 axles
AE9	Lowboy, double drop, 9 axles
AF1	Flat bed, 30 ft and less
AF2	Flat bed, 31-40 ft
AF3	Flat bed, over 40 ft
AG1	Van, open, 30 ft and less
AG2	Van, open, 31-40 ft
AG3	Van, open, over 40 ft
AH2	Drop frame trailer, drop/step deck, 2 axles
AH3	Drop frame trailer, drop/step deck, 3 axles
AI2	Drop frame trailer, drop/step deck, air ride, 2 axles
AI3	Drop frame trailer, drop/step deck, air ride, 3 axles

DoD Code	DoD Definition
AJ0	Lowboy, level deck, air ride, 10 axles and over
AJ2	Lowboy, level deck, air ride, 2 axles
AJ3	Lowboy, level deck, air ride, 3 axles
AJ4	Lowboy, level deck, air ride, 4 axles
AJ5	Lowboy, level deck, air ride, 5 axles
AJ6	Lowboy, level deck, air ride, w/outriggers, 3 axles
AJ7	Lowboy, level deck, air ride, 7 axles
AJ9	Lowboy, level deck, air ride, 9 axles
AK	Van, refrigerated, perishable food
AL2	Extendable flat bed trailer, 2 axles
AL3	Extendable flat bed trailer, 3 axles
AL4	Extendable flat bed trailer, 4 axles
-	
AM0	Lowboy, double drop, air ride, 10 axles and over
AM2	Lowboy, double drop, air ride, 2 axles
AM3	Lowboy, double drop, air ride, 3 axles
AM4	Lowboy, double drop, air ride, 4 axles
AM5	Lowboy, double drop, air ride, 5 axles
AM6	Lowboy, double drop, air ride, w/outriggers, 3 axles
AM7	Lowboy, double drop, air ride, 7 axles
AM9	Lowboy, double drop, air ride, 9 axles
AN	Adjustable tilt bed trailer
AO	Driveaway/Truckaway
AO1	Straight truck, enclosed van, 12 ft, 5,000 lb,maximum cargo capacity
AO2	Straight truck, enclosed van, air ride, 20 ft, 13,000 lb, maximum cargo capacity
AO3	Straight truck, enclosed van, air ride, 12 ft, 5,000 lb, maximum cargo capacity
AO4	Straight truck, enclosed van, air ride, 20 ft, 13,000 lb, maximum cargo capacity

DoD Code	DoD Definition
AO5	Straight truck, enclosed van, 20 ft, 13,000 lb, maximum cargo capacity, padded/logistics type, w/ air ride suspension
AO6	Pickup truck, with cap, 18 ft. long, 500 lbs maximum cargo capacity
AO7	Econo van, 17 ft long, 2,000 lbs maximum cargo capacity
AO8	Dump trailer, 28 ft long, 2 axle, hydraulic powered lift
AP	Aft steering unit
AR	Van, refrigerated, other
AS	Livestock transporter
AT1	Tank, 5001-8000 gallons
AT2	Tank, over 8000 gallons
AU	Container, shipper owned, environmental, temperature and humidity controlled
AV1	Van, closed, 30 ft and less
AV2	Van, closed, 31-40 ft
AV3	Van, closed, over 40 ft
AV4	Van, closed, Rollerbed, 40 ft, fixed rollers
AV5	Van, closed, Rollerbed, 40 ft, retractable rollers
AV6	Van, closed, Rollerbed, 45 ft and over, fixed rollers
AV7	Van, closed, Rollerbed, 45 ft, and over, retractable rollers
AV8	Van, closed, 45 to 48 ft, 12' 4" high
AW	Special Dromedary (See item 326, MFTRP No. 1A)
AX	Flat bed, all lengths (twist lock)
AY1	Van, closed, 30 ft and less, double type single unit
AY2	Van, closed, 30 ft and less, hooked in tandem as one unit
AZ1	Flat bed, air ride, 30 ft and less
AZ2	Flat bed, air ride, 31-40 ft
AZ3	Flat bed, air ride, over 40 ft

Rail

DoD Code	DoD Definition
KA	Box, automobile
KB1	Flat, bilevel, not enclosed
KB2	Flat, bilevel, enclosed
KC	Box, nuclear waste, DODX w/racks permanently affixed
KD	Gondola, drop ends
KE	Box, end door
KF1	Flat, any other type, not over 70'
KF2	Flat, any other type, over 70' but not over 90'
KG1	Gondola, any other type, 52' hi capacity
KG2	Gondola, any other type, 65' hi capacity
KH1	Hopper open-top, 80 tons and less
KH2	Hopper open-top, 100 tons, 2000 cubic feet
KH3	Hopper, closed-top, 70 tons, 2000 cubic feet
KH4	Hopper, closed top, 100 tons, 2929 cubic feet
KH5	Hopper, closed-top, 100 tons, 4000 cubic feet
KH6	Hopper, closed-top, 100 tons, 4600 cubic feet
KK1	Refrigerator, perishable foods, not over 53' mechanical
KK2	Refrigerator, perishable foods, over 53', but not over 61 mechanical
KL1	Flat, trilevel, not enclosed
KL2	Flat, trilevel, enclosed
KO1	Box, any other type, not over 52' 6"
KO2	Box, any other type, over 52' 6", but not over 60' 9"
KO3	Box, any other type, over 60' 9"

DoD Code	DoD Definition
KP	Box, damage prevention type
KR1	Refrigerator, any other type, not over 53' mechanical
KR2	Refrigerator, any other type, over 53', but no over 65' mechanical
KS	Stock
KT1	Tank, 10,000 gallons
KT2	Tank, 20,000 gallons
KT3	Tank, 30,000 gallons
KU	Caboose, DODX armed guard
KW1	TOFC car
KW2	COFC car
KX	Box, missile, DODX w/refrigeration
KY	Flat, heavy duty
KZ1	Flat, DODX, not over 60'
KZ2	Flat, DODX, over 60'

Air

DoD Code	DoD Definition
<u>SS</u>	<u>Charter</u>
<u>QQ</u>	<u>Freight (Other than Freight Forwarder)</u>
<u>TT</u>	<u>Freight Forwarder</u>
<u>OU</u>	<u>Taxi</u>

Other Methods

DoD Code		DoD Definition			
<u>EE</u>	-	<u>Bus</u>	-	-	-
<u>MF</u>	-	<u>Freight Forwarder (Surface)</u>	-	-	-
<u>8X</u>	-	<u>Pipeline</u>			

Containers

DoD Code	DoD Definition
QA1	Non milvan, 20 feet and less
QA2	Non milvan, 24 feet
QA3	Non milvan, 27 feet
QA4	Non milvan, 35 feet
QA5	Non milvan, 40 feet
QA6	Non milvan, 45 feet and over
QM	Milvan

Water

DoD Code	DoD Definition
WA	Steamship
WE	Covered barge
WG	Cylinder tank barge
WI	Fush deck oil barge
WK	Liquid covered barge
WM	Open barge
WP	Special auto barge

[006] - Transportation Method Code (Mode Code)

Mapping: 1 30 BX02 91

DoD Code	X12 Code	DoD Definition
K	AF	Air freight
M	AH	Air taxi
	AX**	Air Freight Forwarder (Expired code)
A	BU	Bus
S	DA	Driveaway
U	DT**	Driveaway/towaway service (Expired code)
U	DW	Driveaway/towaway service
L	FA	Air freight forwarder
B	J	Motor
D	PL	Pipeline
E	R	Rail
<u>D</u>	<u>D</u>	<u>Parcel Post</u>
F	RA*	Rail TOFC/COFC door to door
G	RB*	Rail TOFC/COFC, Plan 3
H	RC	Rail TOFC/COFC, Plan 4
	SA**	Shipper Association (Expired code)
Q	SB	Shipper agent
P	SD	Shipper association
N	SF*	Surface freight forwarder
T	TA	Towaway
U	U	Private parcel service
O	W	Inland water way
V	WP	Water/pipeline intermodal movements

* Use pending X12 approval, submission in process

** Denotes that code is no longer supported in DE# 91 (3050)

[506] - Freight Rate Qualifier

Mapping: 2 150 L103 122

[476] - Service Rate Qualifier

Mapping: 2 150 L103 122

DoD Code	X12 Code	DoD Definition
PQ	AV	Ad valorem (percent of value)
BB	BR	Per barrel (pipeline/barge only)
PH	CW	Per hundredweight
DL	DR	Per dromedary service shipment
DZ	DS	Per hundredweight per mile per dromedary service shipment
	DV	Per day per vehicle (rail car)
	ER	Per each request
	FC	Flat charge
	FT	Per foot
DH	HD	Per hundredweight per dromedary service shipment
PZ	HM	Rate per hundredweight per mile
	HV*	Per hour per vehicle (rail car)
	HX	Hundredweight per day
	IN	Per inch
	LA	Per Pound Per Article
	LV	Per Pound Per Vehicle
	MA	Minimum per service
	MB	Per mile per service
	MC	Minimum per car
	MH	Per man per hour
	MN	Minimum
	MP	Maximum per shipment
	MS	Minimum per shipment
PJ	MV	Per mile per vehicle (railcar) moved
	MW	Minimum per vehicle
	ND	Minimum per driver

DoD Code	X12 Code	DoD Definition
	NM	Per mile per person
	NP	Minimum per day per person
	NV	Minimum per day per vehicle
	<u>PA</u>	<u>Per advancement</u>
	PC	Per car
	PD	Per day
PG	PG	Per gallon
	PM	Per mile
	PN	Per night per person
	PR	Per hour
	PS	Per shipment
	PV	Per vehicle
PY	PY	Per gallon per mile
	RL	Per Relocation
	SP	Per stop
ST	ST	Per short ton
PV	VA	Per vehicle moved
PL	VH	Per vehicle used
PC	VR	Per rail car used
	VT	Per mile per vehicle
PM	VU	Per mile per vehicle (railcar) used
	VV	Per vehicle per state
	XP	Maximum per person

[518] - Reason (Not Lowest Cost)

Mapping: 2 100 N902 127

DoD Code	DoD Definition
1	Traffic distribution
2	Excusable refusal
3	Disability cost at origin offsets lower rail cost
4	Disability cost at destination offsets lower rail cost
5	Origin and destination disability costs offset rail costs
6	Shipping/receiving facility unable to accomodate rail service
7	Shipping/receiving facility unable to accomodate motor service
8	Lower cost rail service unavailable due to strike
9	Lower cost motor service unavailable due to strike
10	Contract requires specific requested mode
11	FOB contractor plant not on a private siding
12	Low cost carrier not used to prevent double handling
13	Low cost carrier not used in order to use carrier on site
14	Disability cost at origin offsets lower air taxi cost
15	Disability cost at destination offsets lower air taxi cost
16	Low cost carrier unable to meet service requirements
17	Low cost carrier in nonuse status
18	Low cost carrier unable to meet DDD/RDD
A	Failure to pick up at origin as scheduled
AA	Carrier qualification noncompliance
AB	Drug/alcohol/firearm abuse
B	Improper or inadequate equipment
C	Shipment refusal
D	Didn't pick up shipment, inadequate equipment, shipment refusal
E	Failure to provide protective service
F	Failure to provide signature and tally record
G	Time-in-transit
H	Mishandling freight
I	Loss or damage

DoD Code	DoD Definition
J	Improper routing
K	Use of bad language, offensive conduct
L	Equipment, facility, personnel failure to meet Gov't safety standards
M	Nonpayment of just debts; delay, seizure, or detention of Gov't shipment
N	Expired carrier exemption, permits, or authorization (F/S/L)
O	Failure to meet required insurance coverage and/or provide required administrative documents
P	Failure to settle claims promptly
Q	Insufficient financial responsibility
R	Violations of federal statutes and executive orders
S	Failure to comply with DOT, ICC, FAA, DoD regulations (F/S)
T	An indictment/conviction for commission of a criminal offense
U	Indictment/conviction under organized crime act 1970
V	Inclusion of comptroller genera, part 5 sect 56B dol
W	A finding by Dir, Office of Federal Contracts
X	Bankruptcy
Y	Ceased operations or out of business
Z	No longer interested in DoD traffic

[478] - Service Identifier Code

Mapping: 2 150 L108 150 Note: Code used in LX 300 loop to identify accessorial services for billing and payment purposes. Use of the L003, L103, and L112 depend on the L108 code value. See conventions below for mode specific LX looping logic.

[085] - Accessorial/Protective Service Ordered Identifier

Mapping: 1 200 H301 152 Note: Code used to request accessorial services from the carrier. Disregard the additional values identified for L003, L103, and L112.

Accessorial Services for Motor Shipments

DoD Code	X12 Code	DoD Definition	(DE 221) L003 Value	(DE 122) L103 Value	(DE 276) L112 Value
AC	045	Advancing charges	EA	PA	
OD	520	Overdimension permit		VT,IN,MW	
ST	675	Signature tally	FR	PS	
	<u>ALT*</u>	<u>Use of Alternate Terminal</u>			
CB	CHN	Chains and binders	EA	ER	
CS	CIS#	Constant Surveillance		VT,MW	
	CLN#	Cleaning			
	CTR*#	Circuitous Routing Charge			
DN	DDN	Dual driver with national agency check		VT,MW	
DD	DDP	Dual driver		VT,MW	
	<u>DDS</u>	<u>Direct Delivery</u>			
	<u>DEL</u>	<u>Delivery Charge</u>			
	DEM#	Demurrage			
DP	DEP#	Detention of Conveying Equipment and the Power Unit		PR	
DW	DET#	Detention of Conveying Equipment Excluding the Power Unit		PD	
DF	DFS	410 Dromedary			
DG	DFM*	410 Dromedary with Mechanical Restraining Devices Charge			
DA	DNA	Dunnage allowance			
DH	DSM*	Dromedary with Mechanical Restraining Devices Charge			
DS	DSR	Regular dromedary			
EU	EED*#	Exclusive use (Expired code)		VT	
	ECS*	Empty Railcar Ordered but Not Used Charge			

DoD Code	X12 Code	DoD Definition	L003 Value	L103 Value	L112 Value
EL	ELS	Extra Lights	NV, ST	VV	
EM	EMT	Empty Movement	NV	VT	(Dispatch SPLC)
ER	ERS	Empty return	NV	VT	
EU	EXC	Exclusive use		VT	
	EXD**	Extra Driver			
	EXM#	Excess Mileage Charge			
EX	EXP	Expedited service		VT	
	<u>FAS*</u>	<u>Firearms</u>			
HF	HHB	Handling freight	LC	CW, MS, MP	
PD	HOL#	Sunday or Holiday Pickup or Delivery	TH,DR	MH,MN	
	HOS#	Hose (Extra o/t Chem Solv., etc.)			
	HOX#	Special Hose (All footage of Chem Solv., etc.)			
	IDC#*	Idler Car Charge			
IM	IMP	Impactographs	EA	MA,MB	
	IMS#*	Intermodal Shipment Service Charge			
	LIE#*	Liability of Carrier Charge			
EF	MEN	Escort (overnight subsistance)	NG,PR	PN	
EF	MES	Escort (standard)	DM,NV,PR	VT,NV	
EF	MET	Escort (telephones)	NV	PV	
MS	MNS#	Motor surveillance (12-hour calls)		PM,MS	
MS	MVS	Special motor surveillance charge		PM,MS	
	PAJ#	Pumping Equipment			
OW	PER	Overweight permit	EA	PM,PV,HM,CW	(2 char state code)
PP	PLT	Pallets, skids, platforms			
PR	PRL	Prelodging	NV	PV	
PS	PSS	Protective security (without armed drivers)		VT,MW	
PT	PTS	Protective tarping	NV	PV	
PD	PUD	Pickup/delivery	TH,DR	MH,ND	
RC	RCC	Reconsignment/diversion	<u>ER</u>	PS	
RD	RCL	Redelivery		CW,MS,MP	
RV	RLS	Relocation of vehicle	EA	RL	
	RMC*	Return of Empty Conatiner Charge			
	RMP*	Return Movement of Pallet Charge			

DoD Code	X12 Code	DoD Definition	L003 Value	L103 Value	L112 Value
RU	RSS	Restricted speeds		VT	(Max speed)
RP	RSV	Reservation	CF		
	SAS#*	Shipment Holdover on Weekends Charge			
PD	SAT#	Saturday Pickup or Delivery	TH,DR	MH,MN	
SD	SDS	Special dromedary			
SE	SEV	Security escort service	NV	VT,MW	
	SHH#*	Shipment Holdover on Holidays Charge			
	SHW#*	Shipment Holdover on Weekends Charge			
SM	SNS#*	Satellite motor surveillance		PM,MW	
SO	SOC	Stop-Off		SP	
SP	SPU	Split pickup/delivery	SP	SP	
SG	SRG	Storage		PD,MS	
SR	SRS	Surveying routes	DM,PR,NV	VT,MW,NM,ND	
	STO#*	Stowage Charge			
LU	URC	Loading/unloading	LC	CW,MS	
VF	VFN	Vehicle furnished but not used	NV	VT,PV	(Dispatch SPLC)
VI	VIS	Vehicles inoperable	NV	PV	
VT	VTS	Vehicles in truckaway	NV	VT	
WV	WTV	Weight verification		PC	

** Denotes code is no longer supported in DE# 150/152 (3050)

* Use pending X12 approval, submission for inclusion in DE# 150 in process

Use pending X12 approval, submission for inclusion in DE# 152 in process

Motor Accessorial Convention Specifications

1. Use one LX segment loop (accessorial services loop) for each unique L108 (service identifier code).
2. Service units (L002) and service rates (L102) for some accessorial services vary by stop, day, vehicle, or standard point location code (SPLC). Each stop, day, vehicle, or SPLC that applies must be considered a unique accessorial service (L108) and therefore must be described by separate LX loops.

The following accessorial services vary by stop:

HF (HHB) Handling Freight

PD (PUD) Pickup/Delivery

The following accessorial services vary by day:

SR (SRS) Surveying Routes

EF (MES) Escort (Standard)

The following accessorial services vary by vehicle:

DP (DEP) Detention With Power Unit

DW (DET) Detention Without Power Unit

The following accessorial services vary by SPLC:

VF (VFN) Vehicles Furnished But Not Used

EM (EMT) Empty Movement

3. Use one L0 segment loop (quantity loop) for each L003 (type of service units qualifier). If more than one L003 (service unit qualifier) is shown above for a single L108 (service identifier code), the L0 segment loop will loop inside the LX loop with the L108 code remaining constant.

Accessorial Services for Rail Shipments

DoD Code	X12 Code	DoD Definition	(DE 221) L003 Value	(DE 122) L103 Value	Note
AC	045	Advancing charges	EA	PA	
AA	AAS	Attendants accompanying	PR	NM,XP	
RG	ARG	Rail armed guard		PM,FC	
CG	CCS	Carrier caboose charge	NC	VT	
CG	CGC	Carrier guard cars	NC	VT	
CG	CGR	Government caboose/guard cars returned	NC	VT	(Return SPLC)
CG	CSP	Government caboose charge	NC	VT	
DM	DEM	Demurrage	TD	DV	
DV	DTB	Detention	TH,TD	DV,HV*	
EC	ECS	Empty cars ordered but not used	NC	PC	
SO	EXM	Stop-Off (excess mileage charge)		SP	
FC	FCS	Furnishing chassis		PS	
CG	GSP	Government guard car charge	NC	VT	
GS	GSS	Greater security		PC	
HF	HHB	Handling freight	LC	CW,MS,MP	
PD	HOL	Sunday/holiday	TH,DR	MH,MN	
HR	HRS	Heater/refrigeration	NC	PM,MC	
PR	PRL	Prelodging	NV	PV	
PD	PUD	Pickup/delivery	TH,DR	MH,ND	
RC	RCC	Reconsignment/diversion	FR	PC	
RD	RCL	Redelivery	NV	PV	
RV	RLS	Relocation of vehicle	NV	PV	
RE	RMC	Return of empty containers (3070)			
RP	RMP	Return movement of pallets (3070)			
RS	RMS	Rail surveillance (3070)	DM,NC	MV,PC	
PD	SAT	Saturday pickup	TH,DR	MH,MN	
SS	SFT	Special train service		PM,MP,MS	
SO	SOC	Stop-Off		SP	
SP	SPU	Split pickup/delivery	SP	SP	
SG	SRG	Storage	TD,LC	HX	
SV	SVS	Storage of vehicles	TD	DV	

DoD Code	X12 Code	DoD Definition	(DE 221) L003 Value	(DE 122) L103 Value	Note
TS	TMS	Tank surveillance (two tanks per car)	NC	PC	
TM	TMV	Tendering of multiple vehicles	TH	PD	
TS	TSS	Tank surveillance (one tank per car)	NC	PC	
LU	URC	Loading/unloading	LC	CW,MN	
VF	VFN	Vehicle furnished but not used	NV	MV,PV	(Dispatch SPLC)
WV	WTV	Weight verification		PC	

Rail Accessorial Convention Specifications

1. Use one LX segment loop (accessorial services loop) for each unique

L108 (service identifier code).

2. Service units (L002) and service rates (L102) for some accessorial services vary by stop, vehicle, or standard point location code (SPLC). Each stop or SPLC that applies must be considered a unique accessorial service (L108) and therefore must be described by separate LX loops.

The following accessorial services vary by stop:

HF (HHB) Handling Freight

PD (PUD) Pickup/Delivery

The following accessorial services vary by SPLC:

VF (VFN) Vehicles Furnished But Not Used

CG (CGR) Government Caboose/Guard Cars Returned

The following accessorial services vary by vehicle, conveyance, or rail car:

DM (DEM) - Demurrage

DV (DTB) - Retention

3. Use one L0 segment loop (quantity loop) for each L003 (type of service units qualifier). If more than one L003 (service unit qualifier) is shown above for a single L108 (service identifier code), the L0 segment loop will loop inside the LX loop with the L108 code remaining constant.

Bulk Fuel Shipments

DoD Code	X12 Code	DoD Definition	(DE 221) L003 Value	(DE 122) L103 Value	Note
AC	045	Advancing charges	EA	PA	
LS	ADL	Advance loading charge	TD	VT,DV	(Holding SPLC)
CL	CLN	Cleaning	NV	PV	
DP	DEP	Detention with power unit	TH	HV*	
DW	DET	Detention without power unit	TH	DV	
EH	EDD	Equipment hose at destination charge		PM,MA	(Dispatch SPLC)
EH	EDO	Equipment hose at origin charge		PM,MA	(Dispatch SPLC)
SO	EXM	Stop-Off in transit (excess mileage charge)		PM	
EX	EXP	Expedited service		VT	
PD	HOL	Sunday/holiday	TH,DR	MH,MN	
EH	HOS	Equipment hose (over 36')	FT	FT,MA	
EH	HOX	Equipment hose (special type)	FT	FT,MA	
PE	PAJ	Pumping equipment	GL	PG,MN	
PD	PUD	Pickup/delivery	TH,DR	MH,ND	
RC	RCC	Reconsignment/diversion	FR	PS	
RD	RCL	Redelivery		PM,MN	(Dispatch SPLC)
PD	SAT	Saturday pickup	TH,DR	MH,MN	
SO	SOC	Stop-Off		PM,SP	
SP	SPU	Split pickup/delivery	SP	SP	
SG	SRG	Storage	TD,NV	DV	
VF	VFN	Vehicle furnished but not used	NV	VT,PV	(Dispatch SPLC)
WD	WDS	Waterfront delivery charge	TH	PR	

Bulk Fuel Accessorial Convention Specifications

1. Use one LX segment loop (accessorial services loop) for each unique L108 (service identifier code).
2. Service units (L002) and service rates (L102) for some accessorial services vary by stop or standard point location code (SPLC). Each stop or SPLC that applies must be considered a unique accessorial service (L108) and therefore must be described by separate LX loops.

The following accessorial services vary by stop:

PD (PUD) Pickup/Delivery

The following accessorial services vary by SPLC:

VF (VFN) Vehicles Furnished But Not Used

EH (EDO) Equipment Hose Dispatched AT Origin

EH (EDD) Equipment Hose Dispatched At Destination

LS (ADL) Advance Loading

RD (RCL) Redelivery

3. Use one L0 segment loop (quantity loop) for each L003 (type of service units qualifier). If more than one L003 (service unit qualifier) is shown above for a single L108 (service identifier code), the L0 segment loop will loop inside the LX loop with the L108 code remaining constant.

Pipeline Shipments

DoD Code	X12 Code	DoD Definition	(DE 221) L003 Value	(DE 122) L103 Value	Note
AJ	AIB	Additional injection/blending service charge	BA	BR	
DE	DEL	Delivery service	BA	BR	
FL	<u>FTR</u>	Filtration service charge	BA	BR	

Miscellaneous Services

DoD Code	X12 Code	DoD Definition	(DE 221) L003 Value	(DE 122) L103 Value	Note
	MSG	Miscellaneous charge	(X12 code)	(X12 code)	(Description)
	TPS	Third party	(X12 Code)	(X12 Code)	(Description)

Miscellaneous Accessorial Convention Specifications

1. Use one LX segment loop (accessorial services loop) for each unique L108 (service identifier code).
2. Use one L0 segment loop (quantity loop) for each L003 (type of service units qualifier). If more than one L003 (service unit qualifier) is shown above for a single L108 (service identifier code), the L0 segment loop will loop inside the LX loop with the L108 code remaining constant.
3. Only one L103 (service rate qualifier) and one L104 (service charge) will apply for each LX segment loop.

[353] - Type Pack Qualifier

Qualifier

Mapping: 2 140 L009 211

X12 codes from DE 103 as referenced from DE 211.

DoD Code	X12 Code	DoD Definition	L010
BG	BAG	Bag, burlap or cloth	
BE	BAL	Bale	
BL	BBL	Barrel	
BD	BDL	Bundle	
BX	BOX	Box	
BS	BSK	Basket	
CA	CAB	Cabinet	
CN	CAN	Can	
CS	CAS	Case	
CB	CBY	Carboy	
CC	CNA*	HHG Container, wood	
CM	CNB*	Container, MAC-ISO, lt. wgt. 8x8x20 foot air	
CU	CNC*	Container, Navy cargo transporter	
CR	CND*	Container, commercial highway lift	
EC	CNE*	Engine container	
MW	CNF*	Multiwall container secured to warehouse pallet	
CO	CNT	Container, other than CC, CM, CU, CW, MW, MX	
X1	CNX*	<u>CONEX - Container Express (Gov't owned container)</u>	<u>X0-X9</u>
CL	COL	Coil	
ED	CRD	Engine cradle or dolly	
CW	CRT	Crate	
CT	CTN	Carton	
CY	CYL	Cylinder	
DR	DRM	Drum	
DB	DUF*	Duffel Bag	
EN	ENV	Envelope	
HA	HPR*	Hamper	

DoD Code	X12 Code	DoD Definition	L010
KE	KEG	Keg	
LS	LSE	Loose, not packed	
Y3	MLV*	<u>MILVAN</u> - Military Van	<u>Y3, Y4, Y5, YA, YB, YC, YD, YE, YF, YL, YM, YN, YP, YT, YU, YV, YW, YZ</u>
A3	MSV*	<u>MSCVAN</u> - Military Sealift Command Van	<u>A3, A4, A5, AA, AB, AC, AD, AE, AF, AL, AM, AN, AP, AT, AU, AW, AZ</u>
ZB	SVN*	<u>SEAVAN</u> - Sea Van	<u>Z3, Z4, Z5, ZA, ZB, ZC, ZD, ZE, ZF, ZL, ZM, ZN, ZP, ZT, ZU, ZV, ZW, ZZ</u>
TU	TBE	Tube	
VS	TBN	SEAVAN - TOTE	
FK	TRK	Footlocker (Trunk)	
TK	TRU*	Truck	
TB	TUB	Tub	
UX	UNT	Unitized (use RT for unitized cargo on RORO)	
VE	VEH	Vehicle	
VO	VOC*	Vehicle in operating condition	
VC	VPK	Van chassis	
RT	WHE	RORO (roll-off, roll-on)	
WR	WRP	Wrapped	

* Denotes that code is not yet or no longer supported in DE# 211 (3050)

[500] - Commodity Billed/Rated Quantity Qualifier

Mapping: 2 140 L003 221

[347] - Billed/Rated Quantity Qualifier

Mapping: 2 140 L003 221

[473] - Service Units Qualifier

Mapping: 2 140 L003 221

X12 Code	X12 Definition
BA	Barrels
CF	Cubic Feet
DM	Miles
DR	Drivers
EA	Each
FR	Flat Rate
FT	Foot
GL	Gallons
LB	Pounds
LC	100 Pounds
NC	Car
NG	Nights
NV	Vehicles
PR	Persons
SP	Stops
ST	Number of States
TD	Days
TH	Hours
TN	Ton

[101] - Appropriation Type, Weight, and Number

Mapping: 1 280 NTE02 3

Position	Name	Len	Type	Fomat	Description
1-2	Department	2	N	2 digits	Dept or agency responsible for account administration
3	(unused)	1	AN	Space fill	
4	Fiscal year	1	AN	Digit or alpha	Fiscal year of availability for obligation
5-8	Basic symbol	4	N	4 digits	Treasury account authorized for expenditure
9-12	Limitation	4	AN	Leading zeros if LT 4 chars	A breakdown of a receipt, appropriation,account, or fund subdivision rescticting amount for a purpose
13	Program year	1	AN	Zero fill if blank	Year activity received program approval
14-15	Operating agency	2	AN	Leading zeros if LT 2 chars	Agency allocated funds and responsible for issuing and administering the funds
16	Reimbursement designator	1	N	Replace C with 7, other with 0	Source of an appropriation fund or reimbursement
17-20	Allotment serial number	4	N	Leading zeros if LT 4 digits	Identifies multiple fund subdivisions within fund
21-24	Project	4	N	Skip P, blanks, and decimals; trailing zeros if LT 4 digits	Identifies function, mission, or activity
25-28	Sub-Project	4	AN	Left justify, fill	Breakdown within a project
29-32	Element of	4	N	Left justify, zero	Type of service or goods classed by usage nature
33-38	Fiscal station number	6	N	Leading zeros if LT 6 digits	Installation/service that maintains funds charged or credited
39-40	Country code	2	AN	Space fill	Identifies geographical area
41-46	Fiscal stations APC	6	AN	Left justify and space fill	Local code for processing accounting data

Note: Listed above are the segments of the current appropriation including format structure and the definition for each segment.

Accessorial Services for Guaranteed Traffic Shipments

DoD Code	X12 Code	DoD Definition	L003 Value	L103 Value	L112 Value
205	045	Advancing Charges	EA	PA	
385	520	Overdimensional Freight Service		VT,MW,FT	
140	675	Signature and Tally Record Service	FR	PS	
220	AAS	Attendants for Rail Shipments	PR	NM	
700	ADL	Advanced Loading Service	NV,DM	PD,PM	
231	BLK*	Blocking & Bracing (Veh & Army Tractor Tanks)			(No Costing Required)
255	CHN	Chains and Binders	EA	ER	
105	CIS*	DoD Constant Surveillance Service		VT,MW	
705	CLN*	Cleaning	NV	PV	
260	CTR	Circuitous Routing	DM	PM	
110	DDN	Dual Driver Protective Service with NAC		VT,MW	
110	DDP	Dual Driver Protective Service		VT,MW	
280	DEM*	Demurrage		DV	
285	DEP*	Detention: Vehicles with Power Units	TH	PR	
725	DEP*	Detention with Power-Unit (Bulk)	TH	PR	
290	DET*	Detention: Vehicles without Power Units		PD	
376	DIS	Objective Service Supply Deliveries	EA	SP,FC	
300	ECS	Empty Railcars Ordered but not Used	NC	PC	
730	EDD	Hose (Dispatch to Destination)	DM	PM,MN	Dispatch SPLC
730	EDO	Hose (Dispatch to Origin)	DM	PM,MN	Dispatch SPLC
325	ELS	Extra Lights on Overdimensional Cargo	NV	PV	
470	ERS	Return of Empty Trailers	NV	VT	
30	ERT	Carrier Performance	TH	PR	
310	EXC	Exclusive User of Vehicle		VT	
320	EXD*	Extra Driver	DR	PM,MW	
495	EXM*	Stop-Off (Excess Mileage)	DM	PM	
315	EXP	Expeded Service		VT	
330	HHB	Handling Freight Not Adjacent to Vehicle	LC	CW,MS,MP	
410	HOL*	Pickup/Delivery on Sundays/Holidays	TH,DR	MH,ND	
730	HOS*	Hose (Extra o/t Chem Solv, etc.)	FT	FT,MN	
730	HOX*	Hose (All footage of Chem Solv, etc.)	FT	FT,MN	

DoD Code	X12 Code	DoD Definition	L003 Value	L103 Value	L112 Value
338	IDC*	Idler Car	NC	PC	
346	IMS*	Intermodal Shipments	EA	ER	
350	LIE*	Cargo Liability of Carrier		PC	
305	MEN	Escort Flagman Subsistence	NG,PR	PN	
305	MES	Escort Flagman	NV,PR	VT,MW,ND	
305	MET	Escort Flagman Telephone Service	NV	PV	
120	MNS*	Motor Surveillance Service (12-hour)		PM,MS	
120	MVS	Motor Surveillance Service (8-hour)		PM,MS	
750	PAJ*	Pumping Service	GL	PG,MN	
390	PER	Overweight Shipment		PM	(2-char State Code)
420	PRL	Prelodging		PS	
125	PSS	Protective Security Service		VT,MW	
430	PTS	Protective Tarping for Security Purposes	NV	PV	
410	PUD	Pickup/Delivery o/t Normal Bus hours	TH,DR	MH	
395	PUK	Packing and Unpacking	EA	ER	
440	RCC	Reconsignment/Diversion	FR	PS	
445	RCL	Redelivery		CW,MS,MP	
450	RLS	Relocation of Vehicle	EA	RL	
460	RSS	Restricted Speeds		VT	(maxspeed)
635	SAS	Shipment Holdover (Weekends)	TD	VH,VR,MP	
410	SAT*	Pickup/Delivery on Saturday	TH,DR	MH,ND	
485	RCL	Split Delivery	SP	SP	
136	SEV	Security Escort Vehicle Service	NV	VT,MW	
635	SHH	Shipment Holdover (Holidays)	TD	VH,VR	
635	SHW	Shipment Holdover (Weekdays)	NG	DV	
130	SNS*	Satellite Motor Surveillance Service		PM,MW	
495	SOC	Stop-Off	SP	SP	
400	SPC	Permits and Special Tolls		FC	
490	SPU	Split Pickup	SP	SP	
500	SRG	Storage	TD	PD,MS	
505	SRS	Surveying Routes	DM,PR,NV	VT,MW,NM,ND,MV	
935	STO	Stowage		ER	
355	URC	Loading/Unloading by Motor Carriers	LC	CW,MS	

DoD Code	X12 Code	DoD Definition	L003 Value	L103 Value	L112 Value
530	VFN*	Vehicles Furnished but not Used	NV	VT,PV	Dispatch SPLC
340	VIS*	Inoperable Vehicles	NV	PV	
770	WDS	Waterfront Delivery	TH	PR,MN	
	*	Use pending X12 approval, submission in process			

10.X Change Summary Report for Section 10.5

This chapter contains two tables:

The first appears on the next page and is a summary of all changes to Table 10.5-1 since the last publication of this convention document. These changes, excluding editorial changes made to user notes for clarification, result from modification to code values, data maintenance, and differences in syntax between ASC X12 versions (003010 vs. 003050). This table is sorted by index number, as is Table 10.5-1.

The second table relates index values from Table 10.5-1 (ASC X12 version 003050) to the corresponding index numbers used in the last publication of this document. The table sort order is by new index values.

858 FREIGHT GBL (Standard Form 1103)
DATA NAME

DATA NAME	INDEX	DATA GRP TBL POS	REF DES	DE #	DoD REQ	VALUE	DoD CONVENTION NOTES
Transportation Company Tendered To (SCAC)	[009]	10 1 30	BX05	140	M		<p><u>Use SCAC of the origin carrier. SCAC should be validated against the National Motor Freight Transportation Association (NMFTA) SCAC reference file. DoD recommends attributes: Min/Max = 2/4.</u></p> <p>CHANGE NOTE: Per shipper's instructions. Requester: MTMC</p>
Bill Purpose/Application Type Code	[010]	10 1 30	BX07	147	M	<p>B - Bill of Lading for Individual Shipment F - <u>Negotiated Rates for Foreign Military Sales GBLs</u> G - <u>Negotiated Rates for Guaranteed Traffic GBLs</u> M - <u>Commercial Rates for Foreign Military Sales GBLs</u></p> <p>CHANGE NOTE: Per DM #245 as modified. Also deletes use of BX14 from this IC. Requester: DFAS-IN</p>	
<u>Vehicle Fully Loaded (Capacity Load Status)</u>	[011]	<u>10 1 30</u>	<u>BX09</u>	<u>195</u>	C	<p>F - Full Capacity</p> <p><u>Include if shipment is tendered as truckload.</u></p> <p>CHANGE NOTE: Per shipper's instructions. Requester: MTMC</p>	

Transaction Content ID [018] 10 1 60 N902 127 M

- CI - Cost Information
- CR - Cost Request
- DC - Doubtful Claim
- SC - Shipment and Cost Information
- SI - Shipment Information
- SM - Supplemental Claim
- SP - Supplemental Bill

This data element identifies the application contents of the 858. These are unique codes to DoD and should be used by all trading partners to identify the data content in the transaction set. Qualify in N901. DoD recommends attributes: Min/Max = 2/2.

CHANGE NOTE: Code value "SP" added per DM #246. Requester: DFAS-IN

N9 SEGMENT [036] 10 1 60 N9 C

CHANGE NOTE: Segment added per DM #221. Requester: GSA

Arrival Code Qualifier [037] 10 1 60 N901 128 M

AR - Arrival Code

CHANGE NOTE: Element added per DM #221. Requester: GSA

Arrival Code [038] 10 1 60 N902 127 M

Enter "E" if original GBL is an EDI Transaction. Enter "P" if original GBL is paper.

CHANGE NOTE: Element added per DM #221. Requester: GSA

Century [044] 10 1 110 G6206 624 C

Use the first two characters in the designation of the year (that is, 19 or 20).

CHANGE NOTE: DE added per USTRANSCOM guidance. Requester: USTRANSCOM

858 FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX

DATA
GRP TBL POS

REF
DES

DE #

DoD
REQ

VALUE

DoD CONVENTION
NOTES

Century [048] 10 1 110 G6206 624 C

Use the first two characters in the designation of the year (that is, 19 or 20).

CHANGE NOTE: DE added per USTRANSCOM guidance.
Requester: USTRANSCOM

Century [052] 10 1 110 G6206 624 C

Use the first two characters in the designation of the year (that is, 19 or 20).

CHANGE NOTE: DE added per USTRANSCOM guidance.
Requester: USTRANSCOM

Time Zone Indicator [058] 10 1 110 G6205 623 C

GM - Greenwich Mean Time
LT - Local Time

If DTTS shipment, this segment occurs twice; once with 'LT' for local time and once with 'GM' for Greenwich time. If shipment is other than DTTS, use 'LT' local time only. Repeat G6201 and G6202 for both occurrences of the segment.

CHANGE NOTE: Note added for clarity. Requester: Ed.

Century [059] 10 1 110 G6206 624 C

Use the first two characters in the designation of the year (that is, 19 or 20).

CHANGE NOTE: DE added per USTRANSCOM guidance.
Requester: USTRANSCOM

Century [063] 10 1 110 G6206 624 C

Use the first two characters in the designation of the year (that is, 19 or 20).

CHANGE NOTE: DE added per USTRANSCOM guidance.
Requester: USTRANSCOM

Accessorial/Protective Service
Ordered Identifier [085] 10 1 200 H301 152 M

Order accessorial services with this data element. See Appendix 10.F for the valid code list. To order accessorial services, the carrier industry requires the use of the H3 segment. This code also appears in the LX 300 loop which is used to cost accessorial services. Do not use this element to order surveillance services; use H302. DoD recommends attributes: Min/Max = 3/3.

CHANGE NOTE: Note added for clarity. Requester: Ed.

Actual Surveillance
Service/Requesting Party [087] 10 1 200 H302 153 M

MNS - Motor Surveillance (12-hour calls)
MVS - Motor Surveillance (8-hour calls)
SNS - Satellite Motor Surveillance

Use this data element for requesting Surveillance Services only. Use the X12 code from Appendix F to indicate the actual surveillance service provided. Do not use this data element to order accessorial services. Rather, use the H301 data element in a separate occurrence of the H3 segment for non-surveillance services. Additionally, provide the military service code to indicate the requesting party. Military service codes are: A=Army, N=Navy, F=Air Force, M=Marine Corp, P=Coast Guard, and S=Defense Logistics Agency. Use a comma for the subelement delimiter between the actual service code and the requesting party. Example: H3**SNS, N n/l.

CHANGE NOTE: Note added for clarity. Requester: Ed.

858 FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX	DATA GRP TBL POS	REF DES	DE #	DoD REQ	VALUE	DoD CONVENTION NOTES
Appropriation Type, Weight, And Number	[101]	10 1 280	NTE02	352	M	<p>1 - Full appropriation number with no subelement distinction</p> <p>2 - Full appropriation number divided into accounting classification components</p> <p>3 - Movement designator code (MDC)</p> <p>4 - Air Force transportation account code (ATAC)</p> <p>5 - Transportation account code (TAC)</p> <p>Enter appropriation number type code, net weight, and full accounting classification code or an abbreviated code that identifies the funding appropriation for the shipment. These three data elements are separated by a comma (,) delimiter. The appropriation type code appears first and qualifies the type of appropriation number that appears (see code list). The net weight for the specific appropriation appears second. The appropriation number is entered third. See Appendix 10.F for a complete description of appropriation type 2. DoD recommends attributes: Min/Max = 1/60.</p> <p>CHANGE NOTE: Per DM #181, code 6 is not included since use of the Navy Management Fund (NMF) will discontinue after 30 September 1996. Requester: DFAS-IN</p>
Primary Equipment Initials	[118]	60 1 330	N701	206	C	<p><u>If the value in N702 is other than NONE, or the equipment initials are not available, use the SCAC. Primary equipment is that equipment ordered by the shipper from the carrier. That equipment type ordered, or its equivalent, is furnished by the carrier and used in the transportation of the shipment. The shipper pays only for the primary equipment ordered. This data element carries the equipment prefix used to describe railcars and trailers. See Appendix 10.D for further clarification of equipment information. (This element is mandatory for rail shipments) DoD recommends attributes: Min/Max = 1/4. (Loop 100)</u></p> <p>CHANGE NOTE: Per shipper's instructions. Requester: MTMC</p>

Weight Capacity Primary Equipment Furnished	[120]	60	1	330	N703	81	C
--	--------	----	---	-----	------	----	---

Express in 1000 lb units. Do not use a decimal. Qualify in N704. DoD recommends attributes: Min/Max = 3/3.

CHANGE NOTE: Note added for clarity. Requester: Ed.

Cube Capacity Primary Equipment Furnished	[122]	60	1	330	N708	183	C
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Include if the carrier provides equipment different than that which was ordered. Qualify in N709. DoD recommends attributes: Min/Max = 1/8.

CHANGE NOTE: Per shipper's instructions. Requester: MTMC

Length Capacity Primary Equipment Furnished	[125]	60	1	330	N715	567	C
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Include if the carrier provides equipment different than that which was ordered. Equipment length in FFFII format. DoD recommends attributes: Min/Max = 4/5.

CHANGE NOTE: Per shipper's instructions. Requester: MTMC

Secondary Equipment Initials	[128]	60	1	335	NA03	206	M
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If the equipment initials are unavailable, use the carrier's SCAC. Secondary equipment is that equipment furnished by the carrier in addition to primary equipment. Generally, this equipment is used to convey the primary equipment (equipment ordered by the shipper). When the shipper orders dromedary, the carrier may supply a trailer to convey the dromedary equipment. The trailer is considered secondary equipment. The shipper incurs no cost for the use of secondary equipment. DoD recommends attributes: Min/Max = 1/4.

CHANGE NOTE: Per shipper's instructions. Requester: MTMC

858 FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX

DATA
GRP TBL POS

REF
DES

DE #

DoD
REQ

VALUE

DoD CONVENTION
NOTES

Secondary Equipment Numbers [129] 60 1 335 NA04 207 M

If a number is not available, send four x's.

CHANGE NOTE: Per shipper's instructions. Requester: MTMC

Cross Reference Type Code [130] 60 1 335 NA05 231 C

A - Additional Equipment for Manifest Billing
L - Lead Car

Use to further identify secondary equipment when shipment is by rail.

CHANGE NOTE: Note added for clarity. Requester: Ed.

Additional Seal Number [133] 60 1 340 M702 225 C

CHANGE NOTE: Element added to clarify note in N701. Requester: Ed.

Additional Seal Number [134] 60 1 340 M703 225 C

CHANGE NOTE: Element added to clarify note in N701. Requester: Ed.

Additional Seal Number [135] 60 1 340 M704 225 C

CHANGE NOTE: Element added to clarify note in N701. Requester: Ed.

Tractor Number Qualifier [143] 60 1 360 REF01 128 M EQ - Equipment Number
DoD recommends attributes: Min/Max = 2/2.

CHANGE NOTE: Note moved to 'Tractor Number' in REF02.
Requester: LMI

Tractor Number [144] 60 1 360 REF02 127 M

Qualify in REF01. The tractor number carried in this data element is the power unit for the trailer described in the N7 segment of the same equipment loop. This data element is required only for tracking shipments monitored by the Defense Transportation Tracking System (DTTS). DoD recommends attributes: Min/Max = 2/2.

CHANGE NOTE: Note from 'Tractor Number Qualifier' in REF01. Requester: LMI

Destination DoDAAC/CAGE/MAPAC Qualifier [155] 71 1 390 N103 66 M 10 - Department of Defense Activity Address Code (DoDAAC)
33 - Commercial and Government Entity (CAGE)
A2 - Military Assistance Program Address Code (MAPAC)
DoD recommends attributes: Min/Max = 2/2.

CHANGE NOTE: Per DM #167. Requester: TRAMS

Destination DoDAAC/CAGE/MAPAC [156] 71 1 390 N104 67 M

If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XXXXXX' and the complete clear text name and address of the destination is required. DoD recommends attributes: Min/Max = 5/6.

CHANGE NOTE: Per DM #167. Requester: TRAMS

858 FREIGHT GBL (Standard Form 1103) DATA NAME	INDEX	DATA GRP TBL POS	REF DES	DE #	DoD REQ	VALUE	DoD CONVENTION NOTES
Destination SPLC (ST)	[166]	71 1 420	N406	310	M		<p><u>Nine-digit SPLCs are required for costing. Qualify in N405. DoD recommends attributes: Min/Max = 6/9.</u></p> <p>CHANGE NOTE: Per shipper's instructions. Requester: MTMC</p>
<u>Origin DoDAAC/CAGE/MAPAC Qualifier</u>	[174]	<u>72</u> 1 390	N103	66	M	10 33 <u>A2</u>	<p>- Department of Defense Activity Address Code (DoDAAC) - Commercial and Government Entity (CAGE) - <u>Military Assistance Program Address Code (MAPAC)</u></p> <p><u>DoD recommends attributes: Min/Max = 2/2.</u></p> <p>CHANGE NOTE: Per DM #167. Requester: TRAMS</p>
<u>Origin DoDAAC/CAGE/MAPAC</u>	[175]	<u>72</u> 1 390	N104	67	M		<p><u>If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XXXXXX' and the complete clear text name and address of the destination is required. DoD recommends attributes: Min/Max = 5/6.</u></p> <p>CHANGE NOTE: Per DM #167. Requester: TRAMS</p>
Shipping Point SPLC (SF)	[186]	72 1 420	N406	310	M		<p><u>Nine-digit SPLCs are required for costing. Qualify in N405. DoD recommends attributes: Min/Max = 6/9.</u></p> <p>CHANGE NOTE: Per shipper's instructions. Requester: MTMC</p>

Consignee Name (CN) [193] 73 1 390 N102 93 C

If GBLOC is unavailable (N406='IOOI'), then the clear text name of the consignee is required. Qualify in N101. DoD recommends attributes: Min/Max = 1/35.

CHANGE NOTE: Per shipper's instructions. Requester: MTMC

Consignee DoDAAC/CAGE/MAPAC Qualifier (CN) [194] 73 1 390 N103 66 M

10 - DoD Activity Address Code (DoDAAC)
 33 - Commercial and Government Entity (CAGE)
A2 - Military Assistance Program Address Code (MAPAC)

DoD recommends attributes: Min/Max = 2/2.

CHANGE NOTE: Per DM #167. Requester: TRAMS

Consignee DoDAAC/CAGE/MAPAC (CN) [195] 73 1 390 N104 67 M

If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XXXXXX' and the complete clear text name and address of the destination is required. DoD recommends attributes: Min/Max = 5/6.

CHANGE NOTE: Per DM #167. Requester: TRAMS

Consignee (CN) GBLOC [206] 73 1 420 N406 310 M

If GBLOC is unavailable (N406='IOOI'), then the clear text name of the consignee is required. Qualify in N405. DoD recommends attributes: Min/Max = 4/4.

CHANGE NOTE: Per shipper's instructions. Requester: MTMC

858 FREIGHT GBL (Standard Form 1103) DATA NAME	INDEX	DATA GRP TBL POS	REF DES	DE #	DoD REQ	VALUE	DoD CONVENTION NOTES
<u>Shipper DoDAAC/CAGE/MAPAC Qualifier (SH)</u>	[210]	<u>74</u> 1 390	N103	66	M	10 33 <u>A2</u>	- DoD Activity Address Code (DoDAAC) - Commercial and Government Entity (CAGE) - <u>Military Assistance Program Address Code (MAPAC)</u> <u>DoD recommends attributes: Min/Max = 2/2.</u> CHANGE NOTE: Per DM #167. Requester: TRAMS
<u>Shipper DoDAAC/CAGE/MAPAC (SH)</u>	[211]	<u>74</u> 1 390	N104	67	M		<u>If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XXXXXX' and the complete clear text name and address of the destination is required. DoD recommends attributes: Min/Max = 5/6.</u> CHANGE NOTE: Per DM #167. Requester: TRAMS
<u>Bill Charges To (PO) DoDAAC/MAPAC Qualifier</u>	[236]	<u>77</u> 1 390	N103	66	M	10 <u>A2</u>	- Department of Defense Activity Address Code (DoDAAC) - <u>Military Assistance Program Address Code (MAPAC)</u> CHANGE NOTE: Per DM #167. Requester: TRAMS
<u>Bill Charges To (PO) DoDAAC/MAPAC</u>	[237]	<u>77</u> 1 390	N104	67	M		<u>Use the payment center DoDAAC. Qualify in N103. DoD recommends attributes: Min/Max = 6/6.</u> CHANGE NOTE: Per DM #167. Requester: TRAMS

Issuing Office Name (IU) [248] 78 1 390 N102 93 M

Qualify in N101. This element is required when describing a DTTS shipment. DoD recommends attributes: Min/Max = 1/35.

CHANGE NOTE: Per shipper's instructions. Requester: MTMC

Issuing Office (IU) GBLOC [258] 78 1 420 N406 310 M

This element must contain a valid GBLOC. Do not use 'IOOI'. Qualify in N405. DoD recommends attributes: Min/Max = 4/4.

CHANGE NOTE: Per shipper's instructions. Requester: MTMC

FOB Point Qualifier (KX) [263] 79 1 390 N101 98 M

KX - Free On Board Point

CHANGE NOTE: ASC X12 committee assigned code value "KX" in lieu of requested "FE", which was already assigned for another purpose. Requester: LMI

Stop-Off SPLC Code [273] 80 1 450 S510 154 M

Nine-digit SPLCs are required for costing. DoD recommends attributes: Min/Max = 6/9.

CHANGE NOTE: Per shipper's instructions. Requester: MTMC

Stop-Off Date(s) [277] 80 1 460 G6202 373 M

Use to satisfy claims and discrepancies. Scheduled date on which stop-off will occur. Qualify in G6201. DoD recommends attributes: Min/Max = 6/6.

CHANGE NOTE: Per shipper's instructions. Requester: MTMC

858 FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX	DATA GRP	TBL	POS	REF DES	DE #	DoD REQ	VALUE	DoD CONVENTION NOTES
[280]	80	1	460	G6206	624	C	Century	<p>Use the first two characters in the designation of the year (that is, 19 or 20).</p> <p>CHANGE NOTE: DE added per USTRANSCOM guidance. Requester: USTRANSCOM</p>
[284]	80	1	490	N103	66	M	<p>Stop-Off DoDAAC/CAGE/MAPAC Qualifier</p> <p>10 - DoD Activity Address Code (DoDAAC) 33 - Commercial and Government Entity (CAGE) A2 - Military Assistance Program Address Code (MAPAC)</p> <p>DoD recommends attributes: Min/Max = 2/2.</p> <p>CHANGE NOTE: Per DM #167. Requester: TRAMS</p>	
[285]	80	1	490	N104	67	M	<p>Stop-Off DoDAAC/CAGE/MAPAC</p> <p>If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XXXXXX' and the complete clear text name and address of the destination is required. DoD recommends attributes: Min/Max = 5/6.</p> <p>CHANGE NOTE: Per DM #167. Requester: TRAMS</p>	
[302]	100	2	20	N701	206	C	<p>Primary Equipment Initials</p> <p>If the value in N702 is other than NONE, or the equipment initials are not available, use the SCAC. This data element satisfies intransit visibility requirements for multi-equipment shipments. It describes initials of the furnished primary equipment in/on which the commodity is conveyed. DoD recommends attributes: Min/Max = 1/4. (Loop 100)</p> <p>CHANGE NOTE: Per shipper's instructions. Requester: MTMC</p>	

Shipper Equipment Initials [305] 100 2 30 NA03 206 M

DODV - DoD Van and Container
DROM - Dromedary Equipment

DoD recommends attributes: Min/Max = 4/4.

CHANGE NOTE: "DODV" and "DROM" removed from user note and shown as code values. Requester: LMI

Shipper Equipment Numbers [306] 100 2 30 NA04 207 M

Shipper equipment is that equipment/vehicle which is supplied/owned by the shipper. This includes DROMs and containers and vans. Shipper owned vehicles, like trucks, jeeps, and tanks, are identified using a different mapping of the NA segment in the LX 100 Loop. See next occurrence of NA segment (Loop 100) for mapping of vehicles information. DoD recommends attributes: 1/10.

CHANGE NOTE: Note added for clarity. Requester: Ed.

Classification Item No. (Commodity Code) [337] 100 2 130 L503 22 M

When the sub-item number is available, provide it in the last two positions of this element. Qualify in L504. DoD recommends attributes: Min/Max = 6/8. (Loop 100)

CHANGE NOTE: Per shipper's instructions. Requester: MTMC

858 FREIGHT GBL (Standard Form 1103) DATA NAME	INDEX	DATA GRP TBL POS	REF DES	DE #	DoD REQ	VALUE	DoD CONVENTION NOTES
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Classification Item No. (Commodity Code) Qualifier	[338]	100 2 130	L504	23	M	C D E I J K L N T U	- Canadian Freight Classification - Department of Defense Unique Codes - Coordinated Motor Freight Classification - Milstamp AITC or Water Commodity Code - Harmonized Code System (United States) - Federal Supply Classification - <u>Last Contained Contents</u> - National Motor Freight Classification (NMFC) - Standard Transportation Commodity Code (STCC) - Uniform Freight Classification (UFC)
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(Loop 100)

CHANGE NOTE: Code added to comply with 49 CFR 172.203(e) pertaining to empty containers with hazardous residue content. Requester: LMI

<u>Hazmat - Certifying Person (49 CFR Compliance)</u>	[341]	<u>190 2 134</u>	<u>LH601</u>	<u>93</u>	M		
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Free form. Mandatory for all hazardous material shipments. Reference 49 CFR 172.204. (Loop 100)

CHANGE NOTE: Changed per X12 syntax. Requester: LMI

<u>Hazmat - Certification Code (49 CFR Compliance)</u>	[342]	<u>190 2 134</u>	<u>LH602</u>	<u>272</u>	M	<u>1</u> <u>2</u>	- <u>Abbreviated Hazardous Certification</u> - <u>Long form of Hazardous Certification</u>
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DoD recommends attributes: Min/Max = 1/1. (Loop 100)

CHANGE NOTE: Changed per X12 syntax. Requester: LMI

Hazmat - Certification Declaration
(49 CFR Compliance) [343] 190 2 134 LH603 273 M

Certification verbiage in accordance with 49 CFR 172.204. Mandatory for all hazardous materials shipments. Verbiage that certifies the entire shipment should appear once in the first occurrence of the LX *100 loop. (Loop 100)

CHANGE NOTE: Changed per X12 syntax. Requester: LMI

Hazmat - Certification Declaration
(49 CFR Compliance) [344] 190 2 134 LH604 273 C

Use for any remainder of certification verbiage exceeding 25 characters in LH603.

CHANGE NOTE: Changed per X12 syntax. Requester: LMI

Billed/Rated Quantity [346] 120 2 140 L002 220 M

A commodity is a single type of product or material. Transportation of a commodity is usually billed/rated by units of freight weight. A line item on a transportation bill describes a single commodity. The quantity of a line item commodity is described here in the L0 segment in the LX 100 Detail - Line Item Description Loop. One L0 segment occurs for each type pack under the line item. There may be many line items, i.e. LX 100 loops, of the same commodity. Two rules must be followed when constructing an L0 segment: 1) If the billed/rated quantity is expressed as freight weight, it appears here. Freight weight is the weight that line haul rate is based upon and may include skid, pallet, and dunnage weights, carried in separate MEA segments. The L004, L005, and L011 elements are not used. 2) If the billed/rated quantity is other than weight, such as barrels or gallons in the case of a pipeline shipment, it also appears here. In addition, the L004, L005, and L011 elements are used to carry the weight information, if required. See Appendix 10.D for looping logic of data group 120. DoD recommends attributes: Min/Max = 1/1. (Loop 100)

CHANGE NOTE: Per DM #212. Requester: DFAS-IN

858 FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX	DATA GRP TBL POS	REF DES	DE #	DoD REQ	VALUE	DoD CONVENTION NOTES
[348]	120 2 140	L004	81	C		<p><u>Freight weight of line item described in pounds only. Freight weight is the weight that line haul rate is based on and may include skid, pallet, and dunnage weights, depending on the applicable tender. Skid, pallet, and dunnage weights are carried in separate MEA segments. See the next occurrence of the MEA segment for the weight breakdown for packing materials. (Loop 100)</u></p> <p>CHANGE NOTE: Per DM #212. Requester: DFAS-IN</p>
[349]	120 2 140	L005	187	C	FR - Freight Weight*	<p>DoD Recommends attributes: Min/Max = 2/2. (Loop 100)</p> <p>CHANGE NOTE: Per DM #223. Requester: LMI</p>
[357]	120 2 160	MEA01	737	C	<p>DN - <u>Dunnage Dimensions</u> PA - Pallet Dimensions SK - Skid Dimensions</p> <p>Weight breakout per type pack per commodity per shipment unit is carried in the MEA segment. For each type of packing material weight breakout, use an individual MEA segment. (Loop 100)</p> <p>CHANGE NOTE: Per DM #224. Requester: LMI</p>	

Packaging Material Weight Units	[360]	120	<u>2</u>	<u>160</u>	<u>MEA04</u>	<u>C00101</u>	M	PN - Pounds Net
<p><u>By placing code value 'PN' (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element. (Loop 100)</u></p> <p>CHANGE NOTE: New note and mapping per X12 syntax change adding composite to MEA04. Requester: LMI</p>								
Shipped Dimensions Units Qualifier	[365]	120	<u>2</u>	<u>160</u>	<u>MEA04</u>	<u>C00101</u>	M	FT - Foot IN - Inch
<p><u>By placing code value 'FT' or 'IN' (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element. If oversize dimensions is used, this qualifier must appear. Qualify in MEA01 and MEA02. DoD recommends attributes: Min/Max = 2/2. (Loop 100)</u></p> <p>CHANGE NOTE: New note and mapping per X12 syntax change adding composite to MEA04. Requester: LMI</p>								
Net Explosive Weight Unit Of Measure	[369]	120	<u>2</u>	<u>160</u>	<u>MEA04</u>	<u>C00101</u>	M	PN - Pounds Net
<p><u>By placing code value 'PN' (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element. Qualify in MEA01 and MEA03. DoD recommends attributes: Min/Max = 2/2. (Loop 100)</u></p> <p>CHANGE NOTE: New note and mapping per X12 syntax change adding composite to MEA04. Requester: LMI</p>								
Round Count Unit of Measure	[373]	120	<u>2</u>	<u>160</u>	<u>MEA04</u>	<u>C00101</u>	M	RO - Round
<p><u>By placing code value 'RO' (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element. Qualify in MEA01 and MEA03. DoD recommends attributes: Min/Max = 2/2. (Loop 100)</u></p> <p>CHANGE NOTE: New note and mapping per X12 syntax change adding composite to MEA04. Requester: LMI</p>								

858 FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX	DATA GRP TBL POS	REF DES	DE #	DoD REQ	VALUE	DoD CONVENTION NOTES
Hazmat - Unit Of Measure Code	[375]	190 2 170	LH101	355	M	<p><u>Contains the code identifying the unit of measure (type of packaging) for which the data in LH102 is reported. Examples of unit of measure include cylinders (CL), drums (DR), and crates (CR). DoD recommends attributes: Min/Max = 2/2. (Loop 100)</u></p> <p>CHANGE NOTE: Note added for clarity. Requester: Ed.</p>
Hazmat - Lading Quantity	[376]	190 2 170	LH102	80	M	<p><u>Qualify in LH101. Contains the number of units (pieces) of the lading commodity. Reference 49 CFR 172.202(c). (Loop 100)</u></p> <p>CHANGE NOTE: Note added for clarity. Requester: Ed.</p>
Hazmat - UN/NA Id Code	[377]	190 2 170	LH103	277	M	<p><u>Contains the United Nations/North America (UN/NA) code. DoD recommends attributes: Min/Max = 6/6. (Loop 100)</u></p> <p>CHANGE NOTE: Note added for clarity. Requester: Ed.</p>
<u>Hazmat - Unit or Basis for Measurement Code</u>	[378]	<u>190 2 170</u>	<u>LH106</u>	<u>355</u>	C	<p><u>Use the unit of measure codes for quantity or volume of non bulk shipments, described in the existing X12 standard. This will typically be pounds, cubic feet, or a unit of measure other than pieces.</u></p> <p>CHANGE NOTE: Element not used in previous convention. DM needed for cleanup of the user note for this element. Requester: LMI</p>

Hazmat - Quantity [379] 190 2 170 LH107 380 C

Qualify in LH106. Quantity refers to the amount (i.e., weight in pounds, volume in cubic feet, or other such measurement) of the hazardous material commodity that is to be transported.

CHANGE NOTE: Element not used in previous convention. DM needed for cleanup of the user note for this element. Requester: LMI

Residue Indicator Code [380] 190 2 170 LH109 665 C

R - Residue Last Contained Description

Use code value "R" to indicate that the unit being shipped is empty and contains a residue from a prior movement, reference 49 CFR 172.203(e). In this situation, L504 should use code value "L" to indicate "Last Contained Contents."

CHANGE NOTE: Element and code added to comply with 49 CFR 172.203(e) pertaining to empty containers with hazardous residue content. Requester: LMI

Packing Group Code [381] 190 2 170 LH110 254 C

Indicate the required packing group using Roman Numeral I, II, or III to indicate the degree of danger as shown in column 5 of 49 CFR, Table 172.101.

CHANGE NOTE: New note and mapping per X12 syntax change. Requester: LMI

Hazmat - Hazard Class/Division [383] 190 2 180 LH201 215 M

Identify the hazard class or division prescribed for the material as shown in column 3 of 49 CFR Table 172.101. If there is no hazard class or division, use the code in that column, such as ORM-D (Other Regulated Material), reference 49 CFR 173.2. If there is a subsidiary hazard but no hazard class or division, use "NA". A material for which the entry in this column is "Forbidden" may not be offered for transportation nor be transported. This loop needs to be repeated for each subsidiary hazard. (Loop 100).

CHANGE NOTE: Note added for clarity. Requester: Ed.

858 FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX	DATA GRP TBL POS	REF DES	DE #	DoD REQ	VALUE	DoD CONVENTION NOTES
[384]	190 2 180	LH202	983	M	P S	- Primary - Secondary <u>Repeat the LH2 loop as necessary to identify the primary and each subsidiary (secondary) hazard of the material being shipped. (Loop 100).</u> CHANGE NOTE: New LH202 segment added to comply with 49 CFR requirement; requirement was overlooked in previous IC release. Element LH203 removed since Placard Notation is no longer a 49 CFR requirement. Requester: LMI
[385]	190 2 180	LH205	759	C	RQ	- Reportable Quantity <u>Indicates a reportable quantity is present in the shipment. For empty packagings or units containing the residue of a hazardous material, reference 49 CFR 172.203(e). DoD recommends attributes: Min/Max = 2/2. (Loop 100)</u> CHANGE NOTE: Note added for clarity. Requester: Ed.
[387]	190 2 190	LH301	224	M		<u>From table at 49 CFR 172.101, column 2. Mandatory for all hazardous material shipments including ammunition and explosives. See 49 CFR 172.202 for additional details. Place remainder of Proper Shipping Name exceeding 25 characters in LFH02 qualified by LFH01 = ADI. DoD recommends attributes: Min/Max = 1/25. (Loop 100)</u> CHANGE NOTE: New mapping per X12 syntax change. PGC (packing group code) now appears in LH110. Requester: LMI

Hazmat - Proper Shipping Name
Qualifier

[388]

190 2 190 LH302 984

M

C
D
I

- Canadian Shipping Name
- Domestic (United States) Shipping Name
- International Shipping Name

CHANGE NOTE: Note changed per X12 syntax. Data previously contained in LH302 is now found in LFH01. Requester: LMI

Hazmat - N.O.S. Indicator Code

[389]

190 2 190 LH303 985

C

NOS

- N.O.S. (Not Otherwise Specified) Regulatory Requirements Apply

If this field is used, an LFH segment must follow using code value "TEC" in LFH01.

CHANGE NOTE: Element not used in previous convention. Requester: LMI

858 FREIGHT GBL (Standard Form 1103)
DATA NAME

Hazmat - Additional Basic
Description Information Qualifier

INDEX

[391]

DATA
GRP TBL POS

190 2 191

REF
DES

LFH01

DE #

808

DoD
REQ

M

VALUE

ADI

DWW

HOT

LQY

PIH

POI

RAM

TEC

DoD CONVENTION
NOTES

- Proper Shipping Name overflow (LH301) or additional descriptive data not otherwise accounted for.
- "Dangerous when wet." Reference 49 CFR 173.124(c).
- "HOT." Reference 49 CFR 171.8
- "Ltd Qty". See column 8A in Table 172.101 of 49 CFR.
- "Poisonous - Inhalation Hazard, Zone X", where X is code from LFH04. Reference 49 CFR 172.203(m).
- "Poison." Reference 49 CFR 173.124(c).
- "RADIOACTIVE MATERIAL."Additional verbiage should follow the information in quotes. See 49 CFR 172.2
- Technical or Chemical Group Name

Contains the hazardous material shipment information qualifier indicating the type of information being passed. Place in LFH02 the appropriate note that is in quotations accompanying the code list from LFH01. If the N.O.S. indicator is specified in LH303, use "TEC" in this data element. Use "ADI" for Proper Shipping Name overflow (LH301) or other information not accounted for in the code list. Enter additional information that must appear in association with the shipment's basic description according to 49 CFR. Use additional occurrences of LFH segment as necessary for each code that applies to shipment. Mandatory for all explosives unless otherwise noted in 49 CFR 172.320. Use interim EX-number for explosives waiting for final classification. (Loop 100).

CHANGE NOTE: New mapping per X12 syntax change. PCG (packing group code) now appears in LH110. New code value "TEC" added to comply with 49 CFR. Requester: LMI

Hazmat - Additional Basic Description Information [392] 190 2 191 LFH02 809 M

Contains specific information about the hazardous material shipment. Qualify in LFH01. When applicable, use the descriptive narrative from LFH01. If LFH01 = "ADI," use this element for any remainder of the Proper Shipping Name in LH301 that exceeds 25 characters or for any other overflow information in LFH01 or from 49 CFR. Use LFH03 for additional overflow. If LFH01 = "PIH," enter "Poisonous - Inhalation Hazard, Zone X", where X is the code designated in LFH04. For N.O.S. code (LFH01 = "TEC"), enter the technical or chemical group name in parentheses. Place overflow in LFH03. Do not close parentheses until end of description is reached.

CHANGE NOTE: New note and mapping per X12 syntax change. Requester: LMI

Hazmat - Additional Information [393] 190 2 191 LFH03 809 C

Use for description overflow from LFH02. Use LFH01, 02, and 03 as a set and repeat loop as necessary to convey all additional basic description information.

CHANGE NOTE: New note and mapping per X12 syntax change. Requester: LMI

Hazmat - Hazard Zone Code [394] 190 2 191 LFH04 1023 C

- A - Hazard Zone A
- B - Hazard Zone B
- C - Hazard Zone C
- D - Hazard Zone D

Use applicable Hazard Zone Code when LFH01 = PIH. Contains the code specifying the Department of Transportation assigned zone designating the Inhalation Toxicity Hazard Zone.

CHANGE NOTE: New note and mapping per X12 syntax change. Requester: LMI

858 FREIGHT GBL (Standard Form 1103) DATA NAME	INDEX	DATA GRP TBL POS	REF DES	DE #	DoD REQ	VALUE	DoD CONVENTION NOTES
Hazmat - DOT Explosive Approval Number Qualifier	[396]	190 2 210	LHR01	128	M	HD	- <u>Hazard Classification Approval Number (EX-number)</u> DoD recommends attributes: Min/Max = 2/2. (Loop 100) CHANGE NOTE: Codes values "HN" and "UN" deleted and replaced with "HD" for compliance with 49 CFR requirements. Requester: LMI
<u>Hazmat - DOT Explosive Approval Number (EX-number)</u>	[397]	<u>190</u> 2 210	LHR02	127	M		<u>Qualify in LHR01. Product codes and national stock numbers must be traceable to the specific EX-number (also referred to as hazard classification approval number) assigned by the Associate Administrator for Hazardous Materials Safety. Reference 49 CFR 172.320 and 173.56(b). DoD recommends attributes: Min/Max = 1/30. (Loop 100)</u> CHANGE NOTE: Note added to comply with 49 CFR 172 and 173. Requester: LMI
Hazmat - DoD Identification Code (DoDIC) Qualifier	[399]	190 2 210	LHR01	128	M	1I	- Department of Defense Identification Code (DoDIC) <u>Required for DTTS if the hazardous shipment contains ammunition. Code value should be read as "one eye". DoD recommends attributes: Min/Max = 2/2. (Loop 100)</u> CHANGE NOTE: Per shipper's instructions. Requester: MTMC

Competent Authority Approval
Number [403] 190 2 210 LHR02 127 M

Issued by Department of Transportation, approval number is CA-YYNNNNA, where Y = year, N = approval number within that year, and A is an optional alphanumeric designator. Only applicable when DoD requires an exception to the international performance oriented packaging rules. Qualify in LHR01. DoD recommends attributes: Min/Max = 1/30. (Loop 100)

CHANGE NOTE: Note added to explain Hazardous Certification Number for compliance with 49 CFR requirements. Requester: LMI

LHE SEGMENT (190) [410] 190 2 220 LHE C

CHANGE NOTE: MARK SEGMENT FOR DELETION: DM should be developed to eliminate the use of the LHE segment. These data appear elsewhere in the transaction, as noted below for each element in the LHE segment. Requester: LMI

Hazmat - Last Contents Ship Name [411] 190 2 220 LHE01 224 M

CHANGE NOTE: Standard change reduces field size from 50 to 25 characters. Use LH301. Requester: LMI

Hazmat - Last Contents Placard
Notation [412] 190 2 220 LHE02 218 M

CHANGE NOTE: Placard notation no longer required per 49 CFR. Requester: LMI

Hazmat - Last Contents Reference
Number Qualifier [413] 190 2 220 LHE03 128 M

CHANGE NOTE: Use LHR01. Requester: LMI

Hazmat - Last Contents Reference
Number [414] 190 2 220 LHE04 127 M

CHANGE NOTE: Use LHR02. Requester: LMI

858 FREIGHT GBL (Standard Form 1103) DATA NAME	INDEX	DATA GRP TBL POS	REF DES	DE #	DoD REQ	VALUE	DoD CONVENTION NOTES
Hazmat - Last Contents Reportable Quantity	[415]	190 2 220	LHE05	759	C		CHANGE NOTE: Use LH205. Requester: LMI
<u>200 Detail - Gross Weights Description Loop</u>	[417]	<u>200</u> 2 10	LX01	554	M	200 - Weight Description Loop	<p>This segment begins the loop used to describe weights that apply to the entire shipment. DoD recommends attributes: Min/Max = 3/3. (Loop 200)</p> <p>CHANGE NOTE: New DE added to improve readability. Requester: Ed.</p>
<u>200 Detail - Tare Weights Description Loop</u>	[423]	<u>200</u> 2 10	LX01	554	M	<u>200</u> - <u>Weight Description Loop</u>	<p><u>This segment begins the loop used to describe weights that apply to the entire shipment. DoD recommends attributes: Min/Max = 3/3. (Loop 200)</u></p> <p>CHANGE NOTE: New DE added to improve readability. Requester: Ed.</p>
<u>200 Detail - Net Weights Description Loop</u>	[429]	<u>200</u> 2 10	LX01	554	M	200 - Weight Description Loop	<p><u>This segment begins the loop used to describe weights that apply to the entire shipment. DoD recommends attributes: Min/Max = 3/3. (Loop 200)</u></p> <p>CHANGE NOTE: New DE added to improve readability. Requester: Ed.</p>

200 Detail - New Weights
Description Loop

[435]

200 2 10 LX01 554 M

200 - Weight Description Loop

This segment begins the loop used to describe weights that apply to the entire shipment. DoD recommends attributes: Min/Max = 3/3. (Loop 200)

CHANGE NOTE: New DE added to improve readability.
Requester: Ed.

Shipment Net Explosive Weight
Qualifier

[438]

200 2 140 L005 187 M

NX - Net Explosive Weight*

DoD recommends attributes: Min/Max = 2/2. (Loop 200)

CHANGE NOTE: Per DM #225. Requester: LMI

200 Detail - Dunnage Weights
Description Loop

[441]

200 2 10 LX01 554 M

200 - Weight Description Loop

This segment begins the loop used to describe weights that apply to the entire shipment. DoD recommends attributes: Min/Max = 3/3. (Loop 200)

CHANGE NOTE: New DE added to improve readability.
Requester: Ed.

200 Detail - Pallet Weights
Description Loop

[447]

200 2 10 LX01 554 M

200 - Weight Description Loop

This segment begins the loop used to describe weights that apply to the entire shipment. DoD recommends attributes: Min/Max = 3/3. (Loop 200)

CHANGE NOTE: New DE added to improve readability.
Requester: Ed.

858 FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX	DATA GRP TBL POS	REF DES	DE #	DoD REQ	VALUE	DoD CONVENTION NOTES
<u>200 Detail - Skid Weights Description Loop</u> [453]	<u>200</u> 2 10	LX01	554	C	200	- Weight Description Loop <u>This segment begins the loop used to describe weights that apply to the entire shipment. DoD recommends attributes: Min/Max = 3/3. (Loop 200)</u> CHANGE NOTE: New DE added to improve readability. Requester: Ed.
<u>200 Detail - Freight Weight Description Loop</u> [459]	<u>200</u> 2 10	LX01	554	M	200	- Weight Description Loop <u>This segment begins the loop used to describe weights that apply to the entire shipment. DoD recommends attributes: Min/Max = 3/3. (Loop 200)</u> CHANGE NOTE: New DE added to improve readability. Requester: Ed.
Shipment Freight Weight [461]	200 2 140	L004	81	M		<u>Qualify in L005 and L011. Freight weight is the weight that line haul rate is based upon and may include skid, pallet, and dunnage weights, carried in separate MEA segments. The freight weight for all commodities should be accumulated and carried in the data element. DoD recommends attributes: Min/Max = 1/8. (Loop 200)</u> CHANGE NOTE: Per DM #212. Requester: DFAS-IN
Shipment Freight Weight Qualifier [462]	200 2 140	L005	187	M	FR	- Freight Weight* DoD Recommends attributes: Min/Max = 2/2. (Loop 200) CHANGE NOTE: Per DM #223. Requester: LMI

Service Performed Date Qualifier **[467]** 300 2 100 N901 128 M 1P - Accessorial Status Code
(Loop 300)

CHANGE NOTE: Code change per DTEDI DM 141. Requester: DFAS-IN

Tariff/Tender Effective Date **[493]** 400 2 90 L710 373 C

Include for Guaranteed Traffic shipments. Use format YYMMDD. DoD recommends attributes: Min/Max = 6/6. (Loop 400)

CHANGE NOTE: Per shipper's instructions. Requester: MTMC

Commodity Description **[495]** 400 2 130 L502 79 C

Include if valid commodity code is unavailable. DoD recommends attributes: Min/Max = 1/50. (Loop 400)

CHANGE NOTE: Per shipper's instructions. Requester: MTMC

Commodity Code Qualifier **[497]** 400 2 130 L504 23 M C

- D - Department of Defense Unique Codes
- E - Coordinated Motor Freight Classification
- I - Milstamp AITC or Water Commodity Code
- J - Harmonized Code System (United States)
- K - Federal Supply Classification
- N - National Motor Freight Classification (NMFC)
- T - Standard Transportation Commodity Code (STCC)
- U - Uniform Freight Classification (UFC)

CFMS can cost with 'N', 'U', and 'D' only. DoD recommends attributes: Min/Max = 1/1. (Loop 400)

CHANGE NOTE: Per shipper's instructions. Requester: MTMC

858 FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX	DATA GRP	TBL	POS	REF DES	DE #	DoD REQ	VALUE	DoD CONVENTION NOTES
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Commodity Billed/Rated Quantity	[499]	400	2	140	L002	220	M	
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All quantities that appear in LX 100 loops must be accumulated by commodity and carried here within the LX 400 Detail - Commodity Classification Summary Loop. A commodity is a single type of product or material. Transportation of a commodity is usually billed/rated by units of freight weight. A line item on a transportation bill describes a single commodity. The quantity of a line item commodity is described in the LX 100 Detail - Line Item Description Loop. There may be many line items, i.e. LX 100 loops, of the same commodity. As with line item quantities, to describe accumulated quantities two rules must be followed when constructing an L0 segment: 1) If the accumulated billed/rated quantity is expressed as freight weight, it appears in here. Freight weight is the weight that line haul rate is based upon and may include skid, pallet, and dunnage weights, carried in separate MEA segments. The L004, L005, and L011 elements are not used. 2) If the accumulated billed/rated quantity is other than weight, such as barrels in the case of a pipeline shipment, it also appears here. In addition, the L004, L005, and L011 elements are used to carry the accumulated weight information if required. See Appendix 10.F for code list. DoD recommends attributes: Min/Max = 1/7. (Loop 400)

CHANGE NOTE: Per DM #212. Requester: DFAS-IN

Weight Qualifier	[502]	400	2	140	L005	187	C	
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FR - Freight Weight*

If the commodity is bulk fuel or another commodity that requires weight in addition to units shipped, carry the commodity's freight weight here and carry the units shipped in L002 and L003. Otherwise, carry all commodity weights in the L002 and L003. (Loop 400)

CHANGE NOTE: Per DM #223. Requester: LMI

Type of Rate Qualifier	[508]	400	2	150	L109	121	M	<p>A - All other types of rates C - Commodity or volume tariff rate I - <u>Not identifiable</u> L - Class tariff rate QUO - Section 10721 tender quotation rate Y - Exception rating</p> <p><u>Qualifies the authority (tender/tariff) number identified in loop 400, L7 segment. DoD recommends attributes: Min/Max = 1/3. (Loop 400)</u></p> <p>CHANGE NOTE: Code addition per DTEDI DM 140. Requester: DFAS-IN</p> <p>CHANGE NOTE: Per shipper's instructions. Requester: MTMC</p>
Declared Value Rate Qualifier	[510]	400	2	150	L115	122	C	<p>LA - Per Pound Per Article* LB - Per Pound LV - Per Pound Per Vehicle* PV - Per Vehicle</p> <p>(Loop 400)</p> <p>CHANGE NOTE: Per DM #226. Requester: LMI</p>
Reason (Not Lowest Cost) Qualifier	[517]	500	2	100	N901	128	M	<p>25 - <u>Reason Not Lowest Cost Code</u></p> <p>This qualifier must appear if not lowest cost is used. DoD recommends attributes: Min/Max = 2/2. (Loop 500)</p> <p>CHANGE NOTE: Code change per DTEDI DM 142. Requester: DFAS-IN</p>
Not Lowest Cost Charge Difference	[522]	500	2	150	L104	58	M	<p><u>Use '0' (zero) if no charge difference is available. DoD recommends attributes: Min/Max = 1/8. (Loop 500)</u></p> <p>CHANGE NOTE: Per shipper's instructions. Requester: MTMC</p>

858 FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX

DATA
GRP TBL POS

REF
DES

DE #

DoD
REQ

VALUE

DoD CONVENTION
NOTES

(Blank Page)

New Index to Previous Index Cross-Reference

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Transaction Set Purpose Code	005	002	000	B
Transportation Method Code (Mode Code)	006	004	027	D
Method of Payment	007	005	000	E
GBL Number	008	270	026	A
Transportation Company Tendered To (SCAC)	009	013	002	A
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Qualifier	012	006	TTS	A
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Transaction Content ID Qualifier	017	009	000	I
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Routings Qualifier	023	016	004	A
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DATA NAME	NEW INDEX	PREVIOUS INDEX (Levels 1-3)		
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NOT INCLUDED IN PREVIOUS RELEASE	038			
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Date B/L Prepared	043	015	003	B
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