

2

AD-A264 64E



Department
of
Defense

DTIC
ELECTE
MAY 17 1993
S c D

DoD
Electronic Data
Interchange (EDI)
Convention

ASC X12 Transaction Set 858
Freight Government
Bill of Lading
Shipment Information
(Version 003010)

PL205LN1

February 1993

DISTRIBUTION STATEMENT A
Approved for public release
Distribution Unlimited

93-10915



930210 **93 5 14 09 5**

REPORT DOCUMENTATION PAGE

Form Approved
OPM No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering, and maintaining the data needed, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

1. AGENCY USE ONLY (Leave Blank)		2. REPORT DATE Feb 93	3. REPORT TYPE AND DATES COVERED Final	
4. TITLE AND SUBTITLE DoD Electronic Data Interchange (EDI) Convention: ASC X12 Transaction Set 858 Freight Government Bill of Lading Shipment Information (Version 003010)			5. FUNDING NUMBERS C MDA903-90-C-0006 PE 0902198D	
6. AUTHOR(S) M. Auguatine Creedon				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Logistics Management Institute 6400 Goldsboro Road Bethesda, MD 20817-5886			8. PERFORMING ORGANIZATION REPORT NUMBER LMI-PL205LN1	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) Assistant Secretary of Defense (Production and Logistics) The Pentagon, Room 3E808 Washington, DC 20301			10. SPONSORING/MONITORING AGENCY REPORT NUMBER	
11. SUPPLEMENTARY NOTES Prepared in cooperation with Data Interchange Standards Association, the Secretariat and administrative arm of the Accredited Standards Committee X12.				
12a. DISTRIBUTION/AVAILABILITY STATEMENT A: Approved for public release; distribution unlimited			12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 words) This is an Electronic Data Interchange (EDI) systems design document that describes the standard or "convention" the Department of Defense (DoD) will use to send freight Government bill of lading (GBL) shipment information using the ASC X12.18 Transaction Set 858 Shipment Information (003010).				
14. SUBJECT TERMS Electronic Data Interchange; EDI; DoD EDI Convention; Electronic Commerce; ANSI X12; X12; electronic standards; electronic business standards; computer-to-computer exchange of data; electronic documents; electronic records; paperless environment; conventions; GBL; CBL; bill of lading; freight; shipment information; MTMC; data communications			15. NUMBER OF PAGES 350	
			16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	18. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT UL	



Department
of
Defense

DoD Electronic Data Interchange (EDI) Convention

ASC X12 Transaction Set 858
Freight Government
Bill of Lading
Shipment Information
(Version 003010)

This document was prepared by the Logistics Management Institute for the Office of the Assistant Secretary of Defense, Production and Logistics, under Task DL203-02. The task was performed under Contract MDA903-90-C-0006 with the Department of Defense. Permission to quote or reproduce any part of this document except for Government purposes must be obtained from the Department of Defense Executive Agent for Electronic Commerce/Electronic Data Interchange/Protection of Logistics Unclassified/Sensitive Systems.

Executive Agent for EC/EDI/PLUS
Defense Logistics Agency
Cameron Station
Alexandria, VA 22304-6100

10.0 DoD 858 CONVENTION

ASC X12 Transaction Set 858 Shipment Information (Version 003010)

Formatting Government Bill of Lading information using the
X12.18 transaction set 858 Shipment Information

UNCLASSIFIED//FOR OFFICIAL USE ONLY

Accession For	
NTIS CRA&I	☒
DTIC TAB	☐
Unannounced	☐
Justification	
By	
Distribution /	
Availability Codes	
Dist	Avail and/or Special
A-1	

(Blank Page)

Contents

Formatting Government Bill of Lading information using the X12.18 transaction set 858 Shipment Information (Version 003010).

- 10.i Introduction**
- 10.1 Reserved**
- 10.2 Control Segments**
- 10.3 Reserved**
- 10.4 Reserved**
- 10.5 Data Element Cross-Reference Matrix**
- 10.6 Reserved**
- 10.7 DoD Convention**
- 10.A Blank Government Bill of Lading**
- 10.B Example of a Hardcopy Government Bill of Lading**
- 10.C Examples - 858 Shipment Information for the GBL (Form 1103)**
- 10.D Tables - Looping Logic for Cross-Reference Data Groups**
- 10.F Additional Government Code Lists**
- 10.X Tables - Change Summary Report for Section 10.5**

(Blank Page)

10.2 Control Segments

Overview

This chapter describes the Electronic Data Interchange (EDI) control segments (interchange control segments and functional group segments). The control segment information was derived from the ASC X12 Standards Draft Version 3 Release 1 (003010).

Purpose

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

Contents

Two items are included in this chapter.

- Table 10.2-1, Interchange Control Segment Hierarchy describes the control segments in their order of occurrence in an EDI communications interchange.
- Table 10.2-2, DoD Convention ASC X12 Control Segments is a detailed description of the Department of Defense 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.

(Blank Page)

TABLE 10.2-1

Control Segment Hierarchy

(Blank Page)

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
			•		
			• Grouped Transactions		
			•		
USE	30	GE	Functional Group Trailer	M	1
USE	40	IEA	Interchange Control Trailer	M	1

(Blank Page)

TABLE 10.2-2

DoD Convention

ASC X12 Control Segments

(Blank Page)

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. The actual values of the data element separator and the segment terminator for this interchange are set by the interchange control header. For a particular interchange, the value at the fourth character position is the data element separator, and the value of the last character position is the value of the segment terminator.

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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>				
ISA01	I01	Authorization Information Qualifier Code to identify the type of information in the Authorization Information.	M ID 2/2				
<table><tr><th><u>Code</u></th><th><u>Definition</u></th></tr><tr><td>00</td><td>No Authorization Information Present</td></tr></table>				<u>Code</u>	<u>Definition</u>	00	No Authorization Information Present
<u>Code</u>	<u>Definition</u>						
00	No Authorization Information Present						
ISA02	I02	Authorization Information Information used for additional identification or authorization of the sender or the data in the interchange.	M AN10/10				
ISA03	I03	Security Information Qualifier Code to identify the type of information in the security information.	M ID 2/2				

Authorization Qualifier
[001]

Authorization Info
[002]

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

Receiver Id
[008]

DoD activities use Department of
Defense Activity Address Code
(DoDAAC) or other code coor-
dinated with the value-added net-
work (VAN). Non-DoD activities
use identification code qualified by
ISA05 and coordinated with the
VAN.

Date
[009]

Assigned by translation software.

Time
[010]

Assigned by translation software.

Standards Id
[011]

ISA08 107 Interchange Receiver's Id M ID 15/15
Identification code published by the receiver of the
data.

ISA09 108 Interchange Date M DT 6/6
Date of the interchange.

ISA10 109 Interchange Time M TM 4/4
Time of the interchange.

ISA11 110 Interchange Control Standard M ID 1/1
Identifier
Code to identify the agency responsible for the con-
trol standard used by the message that is enclosed by
the interchange header and trailer.

Code	Definition
U	U.S. EDI Community of ASC X12, TDCC, and UCS

ISA12 111 Interchange Control Version M ID 5/5
This version number covers the interchange control
segments and the functional group control segments.

Use ASCII character 58, colon ':':

03010 Draft Standard for Trial Use Approved for
Publication by ASC X12 Procedures Review
Board Through October 1990.

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.					

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.					

Segment: GS Functional Group Header

Usage: M

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

Comment: A. 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.

Syntax Notes: 01 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.

Code Definition

IA	110 - Air Freight Details and Invoice
IM	210 - Freight Details and Invoice (Motor)
MI	213 - Carrier Shipment Status Inquiry
QM	214 - Shipment Status Message
IR	410 - Freight Details and Invoice (Rail)
TS	602 - Transportation Services Tender
RA	820 - Payment Order/Remittance Advice
SI	858 - Shipment Information
FB	859 - Freight Invoice (Generic Mode)
CG	994 - Administrative Message
FA	997 - Functional Acknowledgement

Functional Id
{020}

Choose the code value appropriate to the information content of the functional group. See X12 Dictionary for source code list.

GS02	142	Application Sender's Code	M ID 2/12

Code identifying party sending transmission. Codes agreed to by trading partners.

Sender's Code
[021]

DoD activities use Department of Defense Activity Address 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.

Receiver's Code
[022]

DoD activities use Department of Defense Activity Address 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.

Date
[023]

Assigned by translation software.

Time
[024]

Assigned by translation software.

Group Control Number
[025]

Assigned by translation software.

GS03 124 Application Receiver's Code M ID 2/12
Code identifying party receiving transmission. Codes agreed to by trading partners.

GS04 29 Group Date M DT 6/6
Date sender generated a functional group of transaction sets.

GS05 30 Group Time M TM 4/4
Time (HHMM) when the sender generated a functional group of transaction sets (local time at sender's location).

GS06 28 Group Control Number M NO 1/9
Assigned number originated and maintained by the sender.

Agency Code
[026]

Indicates that an ANSI X12 standard is being transmitted.

Version/Release
[027]

Code value agreed to by trading partners. See X12 Dictionary for source code list.

GS07 455 Responsible Agency Code M ID 1/2

Code used in conjunction with Data Element 480 to identify the issuer of the standard.

Code Definition

X Accredited Standards Committee X12

GS08 480 Version/Release/Industry Id Code M ID 1/12

Code indicating the version, release, subrelease and industry identifier of the EDI standard being used. (See X12 Dictionary)

Code Definition

003030 Draft Standards Approved By ASC X12 Through June 1992

Segment: GE Functional Group Trailer

Usage: M

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

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

Syntax Notes: 01 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.	
GE02	28	Group Control Number	M N0 1/9
		Assigned number originated and maintained by the sender.	

Number of Segments
[028]

Assigned by the translation
software.

Group Control Number
[029]

Assigned by the translation
software. This control number
must match the control number of
the preceding GS06 control num-
ber.

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 A count of the number of functional groups included in a transmission.	M N0 1/5
IEA02	I12	Interchange Control Number This number uniquely identifies the interchange data to the sender.	M N0 9/9

Functional Group Count
[040]

Assigned by translation software.

Interchange Control Number
[041]

Assigned by translation software.
This number must match the number that occurs in ISA13.

(Blank Page)

10.5 DATA ELEMENT CROSS-REFERENCE MATRIX

Overview

This chapter describes the data element cross-reference between the data requirement for generating electronic GBLs for freight shipments and the X12.18 858 Shipment Information Transaction Set (Version 003010). We derived the cross-reference from the following:

- Review of the rules in the Defense Traffic Management regulations (DTMR)
- Analysis of sample paper GBLs
- Analysis of X12.18 858 Shipment Information Transaction Set (Version 003010)
- Comments submitted by transportation activities involved in the DoD electronic data interchange effort.

Purpose

To take advantage of EDI technology, data must be transferred between a user database and an EDI translator. The first step to designing that data transfer, or "interface," is called the data mapping. To map data, one must designate a specific 858 Transaction Set segment for each discrete data element in the user database. When the data mapping is complete, the database/translator interface may be programmed. The table in this section is a map between the freight GBL and the 858 Transaction Set.

Table 10.5-1 provides a list of all generic data elements used to generate an electronic GBL. This generic list reflects the data content of an automated GBL system. This table also maps each data element to a segment and data element in the 858 transaction set. This section is provided to help the user develop a custom data map between their data base and the 858 Transaction Set.

To ensure the integrity of the transaction set 858, all Department of Defense trading partners are urged to use this cross-reference as their data map or as a development tool for designing a data map. The final data map is then used to design and program the database/translator interface at the trading partner facility.

(Blank Page)

TABLE 10.5-1

DATA ELEMENT CROSS-REFERENCE

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

How To Read This Table

Table 10.5-1 cross-references discrete data elements of the freight GBL data requirement 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 knowledge of EDI standards and the GBL and other related shipment documentation.

Government References

The first three columns on the left in Table 10.5-1 identify the specific freight GBL data element.

- **DATA NAME:** Lists individual data elements required for electronic bills of lading. The user should identify these elements with a data name in their internal database system.
- **INDEX:** Three entries may appear in this column and represent various levels of indexing used to sort the data names in a DoD convention data base.
- **Data Grp:** This column contains a numeric value which is used to classify data elements to a functional area of a business transaction. See Special Instructions below for further explanation.

EDI References

The remaining seven columns identify the detailed mapping of the data name into the Transaction Set 858. These references also provide a direct map into the 858 Conventions in Chapter 10.7.

- **AREA:** The area of the transaction set where the data is mapped. A = header, B = detail, C = summary.
- **POS:** The position of a specific segment within the area of the transaction set.
- **REF DES:** The first two or three alphanumeric characters identify a transaction set segment; the last two numeric characters in the column identify a position in the segment.
- **DE #:** The EDI data element number that appears at that position in the segment.

- **VALUE:** The recommended code value(s) that should be used.
- **DoD CONVENTIONS:** Additional information about the data as they apply to Department of Defense 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 at a later date. 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 maps a data element to a specific data element in an X12 transaction set.

1. Select any data element from the DATA NAME list
2. Identify the AREA, POS, and REF DES for that DATA NAME
3. Go to Table 10.7-2 DoD Segment Hierarchy
4. Find the AREA (Table), and POS and REF DES segment id
5. Identify the page number of the segment id in the left hand column
6. Turn to that page number in Table 10.7-3
7. Find the REF DES of the cross-reference DATA NAME under the Ref. Des. column on the right hand side of the page

The data name from Table 10.5-1 appears in the left hand column along with its INDEX and the DoD CONVENTION. The X12 standard X12 definition of data element appears on the right hand side of the page.

Each data element from Table 10.5-1 can be mapped into the transaction set in this manner.

NOTE: The INDEX can be used to reference from Table 10.7-3 back to Table 10.5-1 by using the INDEX as a look up key.

Special Instructions

- The paper GBL is divided into blocks. In Table 10.5-1, each data element is identified by a unique index. That index is broken into three parts. The first part is the sequence number

in which the data element appears in the table. The second part identifies the hardcopy GBL block number where the data element normally appears. The third part is used by the conventions database to sort data elements that appear in the same block.

- Block 18 of the hardcopy GBL is used to carry unstructured as well as structured information. This documents attempts to separate, into logical groups, all the data that might appear in block 18. These groups will provide for a more structured and therefore more readable Transaction Set 858. The groups include:
 - > 100 Detail- Line Item Description Loop carries information about individual line items.
 - > 200 Detail - Weights Description Loop carries information about different weight factors including gross, net, and tare when they apply to the entire shipment.
 - > 300 Detail - Assessorial/Protective Service Description Loop carries information about assessorial and protective services if they apply to the shipment.
 - > 301 Detail - Surcharge Description Loop carries information about fuel and other surcharges that apply to the shipment.
 - > 400 Detail - Commodity Classification Summary Loop is used to summarize all the different commodities that are moved in the shipment.
 - > 500 Detail - ITO Quality Management Loop is used to describe carrier selection information.
- Data carried in the X12 format must be identified by "qualifier" codes. Usually, these codes must be generated by the software that interfaces the application database and the translator.
- The Data Group identifier groups functionally similar data. Those groups are described below:
 - > Data Group 10 - Header Information. Elements in this group occur in the header area of the transaction set and, with few exceptions, appear only once on a GBL.
 - > Data Group 60 - Equipment Information. Use of elements in this group depend on the GBL type, i.e. Load or Less than Load. Group 60 elements can repeat if needed. 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. This group repeats for each address.
 - > Data Group 80 - Stop-off Information. This group repeats for each piece of equipment furnished by the carrier. Additionally, equipment ordered and shipper owned equipment are classified under this group.
 - > Data Group 100 - Commodity Header Information. These elements, as a general rule, occur once for each line item.
 - > Data Group 120 - Commodity Detail Information. This group can repeat under group 100. This group will repeat for each type pack under a line item.
 - > Data Group 190 - HAZMAT Information. This group occurs once for each group 100.
 - > Data Group 200 - Shipment Weight Information. This group repeats for each weight classification, i.e. Net, Tare, Pallet, etc.
 - > Data Group 300 - Assessorial/Protective Service Information. This group repeats for each service furnished for the conveyance of a shipment.
 - > Data Group 400 - Commodity Summary Information. This group repeats for each commodity type in the shipment.
 - > Data Group 500 - Quality Control Information. This group occurs only once per GBL.
 - > Data Group 990 GBL Totals Information. This group occurs only once per GBL.
- **Changes since the last publication date (920428) are underlined. In addition, Appendix X contains a summary of all changes.**

(Blank Page)

FREIGHT GBL (Standard Form 1103)

DATA NAME

INDEX Data
Grp TBL POS REF DE # VALUE DoD CONVENTION

Transaction Set Id [001 000 A] 10 A 10 ST01 143 858 - X12.18 Shipment Information

Transaction Set Purpose Code [002 000 B] 10 A 30 BX01 353 00 - Original
01 - Cancellation
04 - Change
14 - Advance Notification
20 - Final

Transaction Set Control Number [003 000 C] 10 A 10 ST02 329

The application and structure of the control number must be agreed upon between the DoD and its trading partner. The first five digits will indicate the interchange control number. The last four digits represent the sequence of the transaction set within the functional group.

Transportation Method Code
(Mode Code)

[004 027 D] 10 A 30 BX02 91

See appendix 10.F for appropriate code values.

Method Of Payment

[005 000 E] 10 A 30 BX03 146 CC - Collect
CD - Collect On Deliver
PP - Prepaid (by Seller)

Bill Purpose/Application Type Code [006 000 F] 10 A 30 BX07 147 B - Bill of Lading for Individual Shipment

Defense Transportation Tracking
System Reporting Qualifier

[008 ITS AJ] 10 A 30 BX10 160 R - Automatic Status Report Requested

CHANGE NOTE: Requester: CFMS

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Shipment Weight Code	[007 000 G]	10	A	40	BNX01	460	S	- Shipper Certified Scale Weights T - Tariff Authorized Weight
Billing Code	[008 000 H]	10	A	40	BNX03	11	V	- Normal Bill of Lading
Transaction Content ID Qualifier	[009 000 I]	10	A	60	N901	128	FI	- File Identifier
Transaction Content ID	[010 000 J]	10	A	60	N902	127	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.

CHANGE NOTE: Add codes. Requester: CFMS

Transportation Company Tendered To Name (CA)	[011 001 A]	70	A	390	N102	93		Qualify in N101.
Transportation Company Tendered To (CA) Qualifier	[012 001 B]	70	A	390	N101	98	CA	- Carrier
Transportation Company Tendered To (SCAC)	[013 002 A]	70	A	30	BX05	140		Use the SCAC of the origin carrier.
Transportation Company Dispatcher Contact Qualifier	[013 ITS A]	70	A	440	PER01	366	EM	- Emergency Contact

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX Data Grp TBL POS REF DES DE # VALUE DoD CONVENTION

Transportation Company
Dispatcher Telephone Number
Qualifier

[013 IIS B] 70 A 440 PER03 365 TE - Telephone

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Transportation Company
Dispatcher Telephone Number

[013 IIS C] 70 A 440 PER04 364

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Date B/L Prepared Qualifier [014 003 A] 10 A 110 G6201 432 76 - Bill of Lading

Date B/L Prepared [015 003 B] 10 A 110 G6202 373

Use format YYMMDD. Qualify in G6201.

Route Order/Release
No/Emergency Routings Qualifier

[016 004 A] 10 A 60 N901 128 RG - Route Order Number-Domestic
RH - Route Order Number-Export
RJ - Route Order Number-Emergency

If route order/release number applies to the shipment, this
qualifier must appear.

Route Order/Release
No/Emergency Routings

[017 004 B] 10 A 60 N902 127

This data element is not always available but when used,
qualify in the N901.

Destination Name (ST) Qualifier

[018 005 A] 71 A 390 N101 98 ST - Ship To

This qualifier identifies name and address information of the
carrier's delivery location.

Destination Name (ST)

[019 005 B] 71 A 390 N102 93

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.

Destination DoDAAC/Cage Qualifier [019 005 BA] 71 A 390 N103 66 10 - DoDAAC
33 - Cage

Destination DoDAAC/Cage [019 005 BB] 71 A 390 N104 67

Qualify in N103.

Additional Name (ST)

[020 005 C] 71 A 400 N201 93

Street (ST)

[021 005 D] 71 A 410 N301 166

City (ST)

[022 005 E] 71 A 420 N401 19

Zip Code (ST)

[023 005 F] 71 A 420 N403 116

State Code (ST)

[024 005 H] 71 A 420 N402 156

CHANGE NOTE: Changed data name from country code to
state code. Changed mapping to correct data element.
Requester: LMIC

Destination Railroad Station

[025 005 I] 71 A 150 D902 300

Name of railroad station where shipment will terminate.

State Of Destination Railroad
Station

[026 005 J] 71 A 150 D903 156

SPLC Of Destination Railroad
Station

[027 005 K] 71 A 150 D908 154

Destination (ST) Contact Qualifier

[027 ITS A] 71 A 440 PER01 366 EM - Emergency Contact

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

FREIGHT GBL (Standard Form 1103)
DATA NAMEINDEX Data
Gp TBL POS REF DE # VALUE DoD CONVENTIONDestination (ST) Phone Number
Qualifier[027 ITIS BJ] 71 A 440 PER03 365 AU - Autovon
TE - Telephone

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Destination (ST) Contact Phone
Number

[027 ITIS CJ] 71 A 440 PER04 364

Both commercial and AUTOVON numbers are required for
ammunition shipments.

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Destination SPLC (ST) Qualifier

[028 006 A] 71 A 420 N405 309 SL - U.S. SPLC +

Destination SPLC (ST)

[029 006 B] 71 A 420 N406 310

Qualify in N405.

Shipping Point SPLC (SF) Qualifier

[030 007 A] 72 A 420 N405 309 SL - U.S. SPLC

Shipping Point SPLC (SF)

[031 007 B] 72 A 420 N406 310

Qualify in N405.

Origin Name (SF) Qualifier

[032 008 A] 72 A 390 N101 98 SF - Ship From

This qualifier identifies the name and address information of
the carrier's pickup location.

Origin Name (SF)

[033 008 B] 72 A 390 N102 93

Qualify in N101.

Origin DoDAAC/Cage Qualifier

[033 008 BA] 72 A 390 N103 66 10 - DoDAAC
33 - Cage

Origin DoDAAC/Cage	[033 008 BB]	72	A	390	N104	67
Additional Name (SF)	[034 008 C]	72	A	400	N201	93
Street (SF)	[035 008 D]	72	A	410	N301	166
City (SF)	[036 008 E]	72	A	420	N401	19
State (SF)	[037 008 F]	72	A	420	N402	156

Also used for province if shipment is Canadian.

Zip Code (SF)	[038 008 G]	72	A	420	N403	116
Country Code (SF)	[039 008 H]	72	A	420	N404	26
Origin (SF) Contact Qualifier	[039 IIS A]	72	A	440	PER01	366 EM - Emergency Contact

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Origin (SF) Phone Number Qualifier	[039 IIS B]	72	A	440	PER03	365 AU - Autovon TE - Telephone

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Origin (SF) Contact Phone Number	[039 IIS C]	72	A	440	PER04	364

Both commercial and AUTOVON phone numbers are needed for ammunition shipments.

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Originating Railroad Station	[040 008 I]	72	A	140	F902	101
State Of Originating Railroad Station	[041 008 J]	72	A	140	F903	156
SPLC Of Originating Railroad Station	[042 008 K]	72	A	140	F908	154

Name of railroad station where shipment originated.

FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX	Data Grp	TBL	POS	REF DES	DE #	VALUE	DoD CONVENTION
Consignee (CN) Name Qualifier	[043 009 A]	73	A	390	N101	98	CN - Consignee UC - Ultimate Consignee (RAIL)
This qualifier identifies the installation transportation office responsible for the shipment at the final destination.							
Consignee Name (CN)	[044 009 B]	73	A	390	N102	93	Quality in N101.
Consignee DoDAAC Qualifier (CN)	[045 009 BA]	73	A	390	N103	66	10 - DoD Activity Address Code (DoDAAC)
Consignee DoDAAC (CN)	[046 009 BC]	73	A	390	N104	67	Quality in N103.
Additional Name (CN)	[047 009 C]	73	A	400	N201	93	
Street (CN)	[048 009 D]	73	A	410	N301	166	
City (CN)	[049 009 E]	73	A	420	N401	19	
State (CN)	[050 009 F]	73	A	420	N402	156	Also used for province if shipment is Canadian.
Zip Code (CN)	[051 009 G]	73	A	420	N403	116	
Country Code (CN)	[052 009 H]	73	A	420	N404	26	
Consignee (CN) GBLOC Qualifier	[053 010 A]	73	A	420	N405	309	BL - Government Bill of Lading Office Code (GBLOC)

If consignee GBLOC is used, this qualifier must appear.
Request new X12 code.

CHANGE NOTE: Code value change from 27 to BL.
Requester: LMIC

Consignee (CN) GBLOC	[054 010 B]	73	A	420	N406	310	Qualify in N405.
Shipper (SH) Name Qualifier	[055 011 A]	74	A	390	N101	98	SH - Shipper
This qualifier identifies the installation transportation office responsible for the shipment at origin.							Qualify in N101.
Shipper Name (SH)	[056 011 B]	74	A	390	N102	93	Qualify in N101.
Shipper DoDAAC/Cage Qualifier (SH)	[057 011 BA]	74	A	390	N103	66	10 - DoD Activity Address Code (DoDAAC) 33 - Cage Code
Shipper DoDAAC (SH)	[058 011 BB]	74	A	390	N104	67	Qualify in N103.
Additional Name (SH)	[059 011 C]	74	A	400	N201	93	
Street (SH)	[060 011 D]	74	A	410	N301	166	
City (SH)	[061 011 E]	74	A	420	N401	19	
State (SH)	[062 011 F]	74	A	420	N402	156	Used for province if shipment is Canadian.
Zip Code (SH)	[063 011 G]	74	A	420	N403	116	
Country Code (SH)	[064 011 H]	74	A	420	N404	26	
Diversion/Reconsignment (TT) To Qualifier	[065 011 SA]	74	A	390	N101	98	TT - Transfer To
Location that shipment is diverted/reconsigned to.							
Diversion/Reconsignment (TT) To	[066 011 SB]	74	A	390	N102	93	Carry the city name that pertains to the SPLC. Qualify in N101.
Diversion/Reconsignment (TT) To Qualifier	[067 011 SC]	74	A	420	N405	309	SL - U.S. SPLC

FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX	Data Grp	TBL	POS	REF DES	DE #	VALUE	DoD CONVENTION
Diversion/Reconsignment (TT) To							
[068 011 SD]	74	A	420	N406	310		Qualify in N405.
Diversion/Reconsignment (TP) From Qualifier							
[069 011 TAI]	76	A	390	N101	98	TP - Transfer Point	Location that shipment is diverted/reconsigned from.
Diversion/Reconsignment (TP) From							
[070 011 TBI]	76	A	390	N102	93		Carry the city name that pertains to the SPLC. Qualify in N101.
Diversion/Reconsignment (TP) From SPLC Qualifier							
[071 011 TC]	76	A	420	N405	309	SL - U.S. SPLC	
Diversion/Reconsignment (TP) From SPLC							
[072 011 TD]	76	A	420	N406	310		Qualify in N405
Appropriation Number Qualifier							
[073 012 A]	10	A	280	NTE01	363	APS - Appropriation Specifications *	This qualifier must appear. Each appropriation number uses one NTE segment.

Appropriation Type, Weight, And
Number

[074 012 B] 10 A 280 NTE02 3 1 - Full appropriation number with no subelement distinction
2 - Full appropriation number divided into accounting classification components
3 - Movement designator code (MDC)
4 - Airforce transportation account code (ATAC)
5 - Transportation account code (TAC)
6 - Navy appropriation (NMF)

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 D.F for a complete description of appropriation type 2.

CHANGE NOTE: Change convention note. Requester: CFMS

Appropriation Dollars Qualifier [075 012 C] 10 A 280 NTE01 363 PAY - Payables

Appropriation Dollars [076 012 D] 10 A 280 NTE02 3

Enter the dollar amount to be billed to the appropriation number listed in the NTE segment above.

Change Notice Qualifier [076 015 G1] 10 A 280 NTE01 363 CHG - Change

CHANGE NOTE: NEW DATA ELEMENT. Requester: GSA

Change Notice [076 015 G2] 10 A 280 NTE02 3

CHANGE NOTE: NEW DATA ELEMENT. Requester: GSA

Bill Charges To (PO) Name Qualifier [077 013 A] 77 A 390 N101 98 PO - Party to Receive Invoice For Goods or Services

Bill Charges To Name (PO) [078 013 B] 77 A 390 N102 93
Qualify in N101.

FREIGHT GBL (Standard Form 1103) DATA NAME	INDEX	Data Grp	TBL	POS	REF DES	DE #	VALUE	DoD CONVENTION
Bill Charges To (PO) Identification Code Qualifier	[079 013 C]	77	A	390	N103	66	10 - DoDAAC ZZ - Disbursing Station Symbol Code	Request new X12 code to identify 'Disbursement Station Symbol Number'.
Bill Charges To (PO) Identification Code	[080 013 D]	77	A	390	N104	67		Quality in N103.
Additional Name (PO)	[081 013 E]	77	A	400	N201	93		
Street (PO)	[082 013 F]	77	A	410	N301	166		
City (PO)	[083 013 G]	77	A	420	N401	19		
State (PO)	[084 013 H]	77	A	420	N402	156		
Zip Code (PO)	[085 013 I]	77	A	420	N403	116		
Via (Routing) SCAC Qualifier	[086 014 A]	10	A	170	R202	133	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	If via (routing) SCAC is used, this qualifier must appear. Use existing codes for sequencing of interline carriers after the origin carrier.
Via (Routing) SCAC	[087 014 B]	10	A	170	R201	140		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.

DELETED 920428

[088 014 C]

See index [088 014 D] for the replacing data requirement.

Via (Routing) SPLC

[088 014 D] 10 A 170 R204 154

Accessorial/Protective Service
Ordered Identifier

[089 015] 10 A 200 H301 152

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.

Actual Surveillance
Service/Requesting Party

[089 015 A] 10 A 200 H302 153
MMS - Motor Surveillance (12 hour calls)
MVS - Motor Surveillance (8 hour calls)
SMS - Satellite Motor Surveillance

Use the X12 code from appendix F to indicate the actual surveillance service provided. The surveillance service ordered appears in H301. 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.

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Transportation Priority Code

[089 015 B] 10 A 80 Y701 467
1 - Level 1
2 - Level 2
3 - Level 3

CHANGE NOTE: Change mapping from Y702 to Y701 to align with TCMD convention. Restrict priority codes from 1 to 3. Requester: CFMS

Desired/Required Delivery Date
Qualifier

[090 015 B] 10 A 110 G6201 432 54
68 - Deliver No Later Than Date
- Requested Delivery Date

If desired/required delivery date is used, this qualifier must appear. Code '54' should be used to qualify required delivery date.

DEPARTMENT OF DEFENSE
EDI CONVENTION

GOVERNMENT BILL OF LADING
858.003010

FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX Data Grp TBL POS REF DES DE # VALUE DoD CONVENTION

Desired/Required Delivery Date [091 015 C] 10 A 110 G6202 373

Use format YYMMDD. Qualify in G6201.

Shipment Contact Qualifier [092 015 D] 10 A 120 PER01 366 IC - Information Contact

CHANGE NOTE: Recommended for DELETE. Requester: CFMS

Shipment Contact Qualifier [093 015 E] 10 A 120 PER03 365 AU - AUTOVON
FT - Federal Telecommunications System (FTS)
TE - Telephone

CHANGE NOTE: Recommended for DELETE. Requester: CFMS

Shipment Contact Telephone No. [094 015 F] 10 A 120 PER04 364

Telephone number of shipment POC. Qualify in PER01 and 03.

CHANGE NOTE: Recommended for DELETE. Requester: CFMS

Emergency Response Telephone No. Functional Code [095 015 G] 10 A 120 PER01 366 EF - Emergency Contact-Military Traffic Management Command (MTMC)

Emergency Response Telephone No. Qualifier [096 015 H] 10 A 120 PER03 365 AU - AUTOVON
IT - International Telephone
TE - Telephone

Emergency Response Telephone No. [097 015 I] 10 A 120 PER04 364

Initiated as a requirement on 1 January 1991. Qualify in PER01 and 03.

CBL Number Qualifier [098 015 J] 10 A 60 N901 128 BM - Commercial Bill of Lading

CBL Number [099 015 K] 10 A 60 N902 127

Routing Instruction Note Code

[100 015 NA] 10 A 280 NTE02 3

The codes are listed in the Defense Traffic Management Regulations (DTMR) available from the Military Traffic Management Command, Falls Church, VA.

Routing Instruction Note Code
Qualifier

[101 015 NB] 10 A 280 NTE01 363 INT - General Order Instructions

Load Use Qualifier

[101 ITS AJ] 190 A 280 NTE01 363 LOI - Load Use Description

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Load Use Instructions

[101 ITS BJ] 190 A 280 NTE02 3

Use character strings "EXCLUSIVE" or "NONEXCLUSIVE" to indicate load use instruction.

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

DoD Classification Instructions
Qualifier

[101 ITS CJ] 190 A 280 NTE01 363 CLR - Security Clearance Instructions

This data element needs to be remapped to the line item level upon the next ASC X12 858 version release update.

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

DoD Classification Instructions

[101 ITS DJ] 190 A 280 NTE02 3 C - Classified
S - Secret
U - Unclassified

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

400 Detail - Commodity
Classification Summary Loop

[102 015 RJ] 400 B 10 LX01 554 400 - Commodity Classification Summary 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)

DEPARTMENT OF DEFENSE
EDI CONVENTION

GOVERNMENT BILL OF LADING
858.003010

FREIGHT GBL (Standard Form 1103)

DATA NAME

INDEX

Data
Gp

TBL POS

REF
DES

DE #

VALUE

DoD CONVENTION

Tariff/Tender Rate Authority
(SCAC)

[103 015 RA] 400 B 90 L702 168

The Standard Carrier Alpha Code that prefixes the tender
number. (Loop 400)

Tariff/Tender Number

[104 015 RB] 400 B 90 L703 171

(Loop 400)

Tariff/Tender Supplement Number

[104 015 RD] 400 B 90 L708 173

Tariff/Tender Effective Date

[105 015 RC] 400 B 90 L710 37

(Loop 400)

Commodity Code Qualifier

[106 015 SB] 400 B 130 L504 23

- 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
- National Motor Freight Classification (NMFC)
- Standard Transportation Commodity Code (STCC)
- Uniform Freight Classification (UFC)

(Loop 400)

Commodity Code

[107 015 SC] 400 B 130 L503 22

If the shipment goes FAK, enter the DoD unique FAK code
instead of the NMFC/UFC. Quality in L504. (Loop 400)

Commodity Description

[108 015 SD] 400 B 130 L502 79

(Loop 400)

Commodity Billed/Rated Quantity
Qualifier

[109 015 SE] 400 B 140 L003 221

See appendix 10.F for code list. (Loop 400)

CHANGE NOTE: Qualify all accumulated quantities in this data element. Requester: CFMS

Commodity Billed/Rated Quantity

[110 015 SF] 400 B 140 L002 220

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. 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. As with line item quantities, to describe accumulated quantities, two rules must be followed when constructing an LO segment. 1) If the accumulated billed/rated quantity is expressed as freight weight, it appears here. Freight wt = net wt - skid wt - pallet wt - dunnage wt. 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. (Loop 400)

CHANGE NOTE: Change data name and convention note. Requester: CFMS

Freight Rate Qualifier

[111 015 SG] 400 B 150 L103 122

Code conversion table for Tender Form 364R rate codes is in Appendix 10.F. (Loop 400)

Freight Rate

[112 015 SH] 400 B 150 L102 60

Enter freight rate applied to the shipment of the commodity. (Loop 400)

CHANGE NOTE: New convention note. Requester: LMIB

FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX REF DES DE # VALUE DoD CONVENTION

Freight Charge [113 015 SI] 400 B 150 L104 58
The total line haul charge for the specific commodity described in L503. (Loop 400)

Type Of Rate Qualifier [113 030 AJ] 400 B 150 L109 121
A - All other types of rates
C - Commodity or volumn tariff rate
L - Class tariff rate
QUO - Section 10721 tender quotation rate
Y - Exception rating
Z* - Not identifiable
(Loop 400)

CHANGE NOTE: New index to group this data element with other LX 400 loop information. Requester: LMIC

Declared Value Rate Qualifier [114 018 AQ] 400 B 150 L115 122
LA - Per Pound Per Article *
LB - Per Pound
LV - Per Pound Per Vehicle *
PV - Per Vehicle
(Loop 400)

Declared Value [115 018 AR] 400 B 150 L114 74
Required for proper application of rates for certain commodities. (Loop 400)

Commodity Weight Qualifier [116 015 SJ] 400 B 140 L005 187 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: Carry accumulated quantities, including weight, in L002 and L003. Use this data element for bulk fuel, pipeline, and barge weight only. Change data name and convention note. Requester: CFMS

Commodity Weight Quantity [117 015 SK] 400 B 140 L004 81

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)

CHANGE NOTE: Change data name and note. Requester: CFMS

Commodity Weight Unit Qualifier [118 015 SL] 400 B 140 L011 188 L - Pounds

(Loop 400)

CHANGE NOTE: Change data name and code list. Requester: CFMS

Hazmat - Unit Of Measure Code [118 015 Z1] 400 B 170 LH101 355

If a commodity requires a HAZMAT indicator ONLY, use 'ZZ' in this data element and '0' in LH102. (Loop 400)

Hazmat - Lading Quantity [118 015 Z2] 400 B 170 LH102 80

Qualify in LH101. (Loop 400)

FREIGHT GBL (Standard Form 1103)
DATA NAME

DoD CONVENTION

100 Detail - Line Item
Description Loop

[119 016] 100 B 10 LX01 554 100 - Line Item Description Loop

A shipment unit is identified by a single Transportation Control Number (TCN). Each commodity description cites the TCN it is grouped under. A shipment unit may cite multiple commodities. Data group 100, commodity header information, describes one commodity INMEC, UFGC, DoD unique). An LX 100 loop is generated for each 100 data group. The commodity detail information, data group 120, describes the type pack information in the 10 loop. There can be multiple type packs per line item. (Loop 100)

CHANGE NOTE: Clarify convention note. Requester: CFMS

CHANGE NOTE: Add looping logic tables to appendix and describe the new data grouping technique in introduction of chapter 10.5. Requester: LMIC

See appendix 10.F for code list. (Loop 100)

This code is used to identify specific MSCVAN, CONEX, MILVAN, and SEAVAN configurations. See appendix 10.F for code list.

Qualify in L009. (Loop 100)

See appendix 10.F for code list. (Loop 100)

Packages (Number - Lading
Quantity) Qualifier

[120 016 A] 120 B 140 L009 211

Packages Sub Qualifier

[120 016 AA] 120 B 140 L010 458

Packages (Number Of - Lading
Quantity)

[121 016 B] 120 B 140 L008 80

Billed/Rated Quantity Qualifier

[122 016 C] 120 B 140 L003 221

Billed/Rated Quantity

[123 016 D] 120 B 140 L002 220

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 wt = net wt - skid wt - pallet wt - dunnage wt. The L004, L005, and L011 elements are not used. 2) If the 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 weight information if required. See appendix 10.D for looping logic of data group 120. (Loop 100)

CHANGE NOTE: Change DoD convention to describe use of L0 for multiple type pack per commodity. Requester: CFMS

If a line item requires a HAZMAT indicator ONLY, use 'ZZ' in this data element and '0' in LH102. If HAZMAT information is required in addition to the indicator, use the unit of measure codes described in the existing X12 standards and carry the additional information in the appropriate LH segment below. (Loop 100)

Hazmat - Unit Of Measure Code [124 017 A1] 190 B 170 LH101 355

Hazmat - Lading Quantity [125 017 A2] 190 B 170 LH102 80

Quality in LH101. (Loop 100)

Net Explosive Weight Qualifier [126 017 AA] 190 B 160 MEA01 737 NX - Net Explosive Weight (Loop 100)

Net Explosive Weight [127 017 AB] 190 B 160 MEA03 739

If NEW is available for a individual line item, carry that weight in this data element. Quality in MEA01. (Loop 100)

FREIGHT GBL (Standard Form 1103)

DATA NAME INDEX Data Grp TBL POS REF DES DE # VALUE DoD CONVENTION

Net Explosive Weight Unit Of Measure

[128 017 AC] 190 B 160 MEA04 355 PN - Pounds Net
Qualify in MEA01 and 03. (Loop 100)

Round Count Qualifier

[129 017 AD] 190 B 160 MEA01 737 CT - Counts
(Loop 100)

Round Count

[130 017 AE] 190 B 160 MEA03 739
Qualify in MEA01. (Loop 100)

Round Count Unit Of Measure

[131 017 AF] 190 B 160 MEA04 355 RO - Round
Qualify in MEA01 and 03. (Loop 100)

Hazmat - UN/NA Id Code

[132 017 AI] 190 B 170 LH103 277
(Loop 100)

Hazmat - UN Hazardous Materials Page Number

[133 017 AJ] 190 B 170 LH104 200
(Loop 100)

Hazmat - DOT Hazard Class

[134 017 AK] 190 B 180 LH201 215
From table at 49 CFR 172.101, column 3. (Loop 100)

Hazmat - Placard Notation

[135 017 AL] 190 B 180 LH203 218
Miscellaneous placard notation for marking hazardous shipments. (Loop 100)

Hazmat - Endorsement Code

[136 017 AM] 190 B 180 LH204 222
Describe endorsement code if applicable. (Loop 100)

Hazmat - Reportable Quantity	[136 017 AMS] 190 B	180	LH205	759	RQ	- Reportable Quantity	Indicates a reportable quantity is present in the shipment.
							CHANGE NOTE: NEW DATA ELEMENT. Requester: OTTS
Hazmat - DOT Label	[137 017 AMA] 190 B	180	LH201	215			Use a second occurrence of the LH02 segment to carry this information. (Loop 100)
Hazmat - Proper Shipping Name	[138 017 AN] 190 B	190	LH301	224			From table at 49 CFR 172.101, column 2. (Loop 100)
Hazmat - Additional Proper Shipping Name	[139 017 ANA] 190 B	190	LH302	228			(Loop 100)
Hazmat - DOT Explosive Approval Number Qualifier	[140 017 AO] 190 B	210	LHR01	128	HN UN	- Hazardous Certification Number - United Nations Hazardous Classification Number	Request new X12 code if necessary. (Loop 100)
Hazmat - DOT Explosive Approval Number	[141 017 AP] 190 B	210	LHR02	127			Qualify in LHR01. (Loop 100)
Hazmat - DoD Identification Code (DoDIC) Qualifier	[142 017 AQ] 190 B	210	LHR01	128	JJ	- Department of Defense Identification Code (DoDIC)	Code value should be read as "one eye". (Loop 100)
							CHANGE NOTE: Update code value. Requester: LMIC
Hazmat - DoD Identification Code (DoDIC)	[143 017 AR] 190 B	210	LHR02	127			Qualify in LHR01. (Loop 100)

FREIGHT GBL (Standard Form 1103)
DATA NAMEINDEX Data
 Grp TBL POS REF DE # VALUE DoD CONVENTIONHazmat - Int'l Maritime
Dangerous Goods Code (IMDG)[144 017 AS] 190 B 210 LHR01 128 IM - Intergovernmental Maritime Organization (IMO) Number
(Loop 100)Hazmat - Int'l Maritime
Dangerous Goods Co's (IMDG)[145 017 AT] 190 B 210 LHR02 127
Quality in LHR01. (Loop 100)Hazmat - Last Contents Ship
Name[146 017 AU] 190 B 220 LHE01 224
Use proper 49 CFR shipping name. If used, LHE02, 03,
and 04 must appear. (Loop 100)Hazmat - Last Contents Placard
Notation[147 017 AV] 190 B 220 LHE02 218
Describe placard notation. If used, LH01, 03, and 04 must
appear. (Loop 100)Hazmat - Last Contents
Reference Number Qualifier[148 017 AW] 190 B 220 LHE03 128 NA - North American Hazardous Classification Number
UN - United Nations Hazardous Classification Number
If used, LHE01, 02, and 04 must appear. (Loop 100)Hazmat - Last Contents
Reference Number[149 017 AX] 190 B 220 LHE04 127
UN, NA, or other reference number. If used, LHE01, 02,
and 03 must appear. (Loop 100)Hazmat - Last Contents
Reportable Quantity[150 017 AY] 190 B 220 LHE05 759 RQ - Reportable Quantity
(Loop 100)

Hazmat - Certifying Person (49
CFR Compliance)

[151 017 AZ] 190 B 240 LH601 93

Free form. (Loop 100)

Hazmat - Certification Code (49
CFR Compliance)[152 017 BA] 190 B 240 LH602 272 1 - Abbreviated Hazardous Certification
2 - Long form of Hazardous Certification

(Loop 100)

Hazmat - Certification
Declaration (49 CFR Compliance)

[153 017 BB] 190 B 240 LH603 273

Certification verbage in accordance with 49 CFR. (Loop 100)

Requisition Number Qualifier

[154 015 A] 100 B 10 N901 128 RQ - Purchase Requisition Number

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Requisition Number

[154 015 B] 100 B 10 N902 127

The requisition number which corresponds to the line item
is carried in this data element.

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

TCN Qualifier

[154 018 AA] 100 B 100 N901 128 TG - Transportation Control Number (TCN)

If TCN is used, this qualifier must appear. (Loop 100)

TCN - Transportation Control
Number

[155 018 AB] 100 B 100 N902 127

Every line item (LX 100 loop) should identify the TCN it is
associated with. Qualify in N901. (Loop 100)Vehicle Identification Number
Qualifier

[156 018 A] 100 B 30 NA01 128 VT - Motor Vehicle ID Number

Shipper owned vehicle include cars, jeeps, tanks, and trucks.

CHANGE NOTE: NEW DATA ELEMENT. Requester: CFMS

FREIGHT GBL (Standard Form 1103)
DATA NAME

DoD CONVENTION

Data
Grp TBL POS DE # VALUEREF
DES

INDEX

Vehicle Identification Number

[156 018 B] 100 B 30 NA02 127

Use VIN and DoD vehicle bumper number to describe the vehicles being moved. See appendix D for detailed description of how primary, secondary, and shipper owned equipment is mapped to the 858. (Loop 100)

CHANGE NOTE: Changed convention note. Changed mapping. Requester: CFMS

Vehicle Initials (Filler)

[156 018 C] 100 B 30 NA03 206 NONX- Vehicle

CHANGE NOTE: NEW DATA ELEMENT. Requester: CFMS

Vehicle Bumper Number

[156 018 D] 100 B 30 NA04 207

CHANGE NOTE: NEW DATA ELEMENT. Requester: CFMS

National Stock Number (NSN)
Qualifier

[157 018 AAB] 100 B 100 N901 128 NS - National Stock Number

If NSN is used, this qualifier must appear. (Loop 100)

National Stock Number (NSN)

[158 018 AAC] 100 B 100 N902 127

Qualifier in N901. (Loop 100)

Project Code Qualifier

[159 018 AC] 100 B 100 N901 128 P4 - Project Code

If project code is used, this qualifier must appear. (Loop 100)

Project Code

[160 018 AD] 100 B 100 N902 127

Qualifier in N901. (Loop 100)

Transportation Account Code
(TAC) Qualifier

[161 018 AE] 100 B 100 N901 128 TH - Transportation Account Code (TAC)

If TAC is used, this qualifier must appear. (Loop 100)

Transportation Account Code
(TAC)

[162 018 AF] 100 B 100 N902 127

Qualify in N901. (Loop 100)

Stop Off Sequence Number
Cross-Reference Qualifier

[163 018 AG] 100 B 100 N901 128 QN - Stop Sequence Number

Stop Off Sequence Number
Cross-Reference

[164 018 AH] 100 B 100 N902 127

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)

Security Risk Number Qualifier

[164 018 AHJ] 190 B 100 N901 128 M6 - Military Ordnance Security Risk Number *

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Security Risk Number

[164 018 AHJ] 190 B 100 N902 127

1	- SRC-1 Highest Sensitivity
2	- SRC-2 High Sensitivity
3	- SRC-3 Moderate Sensitivity
4	- SRC-4 Low Sensitivity
5	- SRC-5 Highest Sensitivity
6	- SRC-6 Highest Sensitivity
7	- SRC-7 Moderate Sensitivity
8	- SRC-8 High Sensitivity
C	- Confidential
S	- Secret
U	- Uncontrolled/Unclassified

Code source: Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives (DoD 5100.76-M Change 3-Reprint November 1987). Available from: see X12 CODE SOURCE No. 260.

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

FREIGHT GBL (Standard Form 1103)
DATA NAME

DoD CONVENTION

VALUE

DE #

REF
DES

TBL POS

Data
Grp

INDEX

Description Of Articles

[165 018 AJ] 190 B 130 L502 79

Free form. RECOMMENDED FOR DOD DELETION
(classification item number provides description). (Loop 100)

Classification Item No.
(Commodity Code) Qualifier

[166 018 AJ] 190 B 130 L504 23

- Canadian Freight Classification
- Department of Defense Unique Codes
- Coordinated Motor Freight Classification
- Mistamp AITC or Water Commodity Code
- Harmonized Code System (United States)
- Federal Supply Classification
- National Motor Freight Classification (NMFC)
- Standard Transportation Commodity Code (STCC)
- Uniform Freight Classification (UFC)

(Loop 100)

Classification Item No.
(Commodity Code)

[167 018 AK] 190 B 130 L503 22

Qualify in L504. (Loop 100)

Number On Packages

[168 018 AL] 190 B 130 L506 87

Use to show descriptive marks and numbers on freight.
(Loop 100)

Freight Rate

[169 018 ALA] 120 B 150 L102 60

(Loop 100)

Freight Rate Qualifier

[170 018 ALB] 120 B 150 L103 122

Code conversion table for Tender Form 364R rate codes is
in appendix 10.F. (Loop 100)

CHANGE NOTE: Change data name. Requester: CFMS

Freight Weight Qualifier	[171 018 AM]	120 B	140	L005	187	EB	- Freight Weight	(Loop 100)	CHANGE NOTE: Delete old codes for net weight and add new code for freight weight. Requester: CFMS
Freight Weight Unit Qualifier	[172 018 AN]	120 B	140	L011	188	L	- Pounds	(Loop 100)	CHANGE NOTE: Change data name to reflect freight weight. Requester: CFMS
Freight Weight	[172 018 ANN]	120 B	140	L004	81				Freight weight of line item described in pounds only. Freight Wt = Net Wt - Skid Wt - Pallet Wt - Dunnage Wt. Pallet, skid, and dunnage weights are carried in separate MEA segments. See index [174 018 PM] for the weight breakdown for packing materials. (Loop 100)
Cube Qualifier	[173 018 AO]	120 B	140	L007	184	E G H S V X	- Cubic Feet - Gallons - Hundreds of Measurement Tons - Measurement Ton - Liter - Cubic Meters	(Loop 100)	CHANGE NOTE: Change index from [172 018 AN] to [172 018 AO]. Change data name. Change convention note. Requester: CFMS
Cube	[174 018 AP]	120 B	140	L006	183				Qualify in L007. Cube of line item. (Loop 100)

FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX Data Grp TBL POS REF DES DE # VALUE DoD CONVENTION

Packaging Material Qualifier

[174 018 PM] 120 B 160 MEA01 737 DN - Dunnage Dimensions *
PA - Pallet Dimensions
SK - Skid Dimensions

Weight breakout per type pack per commodity per shipment unit is carried in the MEA segment. For each type of packaging material weight breakout, use an individual MEA segment. Request new X12 code for dunnage dimensions. (Loop 100)

CHANGE NOTE: The MEA segment must repeat for weight other than the freight weight. This includes dunnage, net, pallet, skid, and sawdust weights. Requester: CFMS

Packaging Material Weight Qualifier

[174 018 PM] 120 B 160 MEA02 738 E - Billed Weight
(Loop 100)

Packaging Material Weight

[174 018 PO] 120 B 160 MEA03 739

The weight for any component of the packaging material (e.g. Skid, Pallet, Dunnage weights). Qualify in MEA01 and MEA02. (Loop 100)

Packaging Material Weight Units

[174 018 PP] 120 B 160 MEA04 355 PN - Pounds
(Loop 100)

Shipped Dimensions Information Qualifier

[175 018 AB] 120 B 160 MEA01 737 SD - Shipped Dimensions

CHANGE NOTE: NEW DATA ELEMENT. Requester: CFMS

Shipped Dimensions Qualifier

[175 018 AS] 120 B 160 MEA02 738
HT - Height
LN - Length
WD - Width

CFMS will calculate oversize dimensions from shipper
provided information. (Loop 100)

CHANGE NOTE: Changed data element name. Requester:
CFMS

Shipped Dimensions Units

[176 018 AT] 120 B 160 MEA03 739

Use for values of oversize dimensions. Qualify in MEA02.
(Loop 100)

CHANGE NOTE: Changed data element name. Requester:
CFMS

Shipped Dimensions Units
Qualifier

[177 018 AU] 120 B 160 MEA04 355 FT - Foot
IN - Inch

If oversize dimensions is used, this qualifier must appear.
Qualify in MEA02 and 03. (Loop 100)

CHANGE NOTE: Changed data element name. Requester:
CFMS

300 Detail -
Accessorial/Protective Services
Loop

[178 018 CA] 300 B 10 LX01 554 300 - Accessorial/Protective Service Description Loop

This segment begins the Accessorial and Protective service
loop. See appendix 10.C for looping logic and examples.
See appendix 10.F for code lists. (Loop 300)

Service Loop Identifier

[179 018 CA] 320 B 140 L001 213 300 - Accessorial/Protective Services Loop
(Loop 300)

FREIGHT GBL (Standard Form 1103) DATA NAME	INDEX	Data Grp	TBL	POS	REF DES	DE #	VALUE	DoD CONVENTION
Service Units	[180 018 CB]	320	B	140	L002	220		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.
Service Units Qualifier	[181 018 CC]	320	B	140	L003	221		See appendix 10.F for code list. (Loop 300)
CHANGE NOTE: Change convention note. Requester: CFMS								
Service Rate	[182 018 CD]	320	B	150	L102	60		A decimal is required in this data. (Loop 300)
Service Rate Qualifier	[183 018 CE]	320	B	150	L103	122		See appendix 10.F for application of X12 codes for Accessorial Services Loop. (Loop 300)
Service Charge	[184 018 CF]	320	B	150	L104	58		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)
Service Identifier Code	[185 018 CG]	320	B	150	L108	150		Codes from ASC X12 data element 152 for services not covered by data element 150 are being migrated to 150. Reference the code list in Appendix 10.F for the appropriate codes. (Loop 300)

Service Description

[186 018 CH] 320 B 150 L112 276

Some accessoril services like split-pickup and delivery require a Standard Point Location Code to describe where the service was performed. This information is required to determine the charge for the service. See appendix 10.F for the application of this data element. (Loop 300)

CHANGE NOTE: Change convention note. Requester: CFMS

Service Performed Date Qualifier [187 018 CH] 300 B 100 N901 128 A5 - Accessorial Status Code *
(Loop 300)

Service Performed Identifier [188 018 CJ] 300 B 100 N902 127 DP - Date Service Was Performed
Qualify in N901. (Loop 300)

Service Performed Date [189 018 CJ] 300 B 100 N904 373

The date the additional service was performed. Use YYMMDD format. Qualify in N901 and N902. (Loop 300)

Pickup Service Furnished Time [190 018 CK] 300

CHANGE NOTE: DELETED. Not required for costing a shipment. Requester: CFMS

301 Detail - Fuel Surcharge Loop [191 018 FA] 390 B 10 LX01 554 301 - Fuel Surcharge 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)

Fuel Surcharge Loop Identifier [192 018 FB] 390 B 140 L001 213 301 - Fuel Surcharge Loop

If loop 301 Detail is used, this qualifier must appear. (Loop 301)

Fuel Surcharge [193 018 FC] 390 B 150 L104 58

The charge allowed for fuel surcharge. (Loop 301)

FREIGHT GBL (Standard Form 1103)
DATA NAMEINDEX Data
 Grp TBL POS REF DE # VALUE DoD CONVENTION

Fuel Surcharge Service Identifier

[194 018 FD] 390 B 150 L108 150 405 - Fuel Surcharge
BSC - Bunker Surcharge
(Loop 301)200 Detail - Weights Description
Loop

[195 018 L] 200 B 10 LX01 554 200 - Weight Description Loop

This segment begins the loop used to describe weights that
apply to the entire shipment. (Loop 200)

Shipment Gross Weight

[196 018 LA] 200 B 140 L004 81

Qualify in L005 and L011. The total weight for the
shipment. This weight includes the shipment net weight
plus the tare weight. (Loop 200)

Shipment Gross Weight Qualifier

[197 018 LB] 200 B 140 L005 187 G - Gross Weight

Qualify in L005 and L011. (Loop 200)

Shipment Gross Weight Unit
Qualifier[198 018 LC] 200 B 140 L011 188 L - Pounds
S - Short Ton
T - Ton
(Loop 200)

Shipment Tare Weight

[199 018 LD] 200 B 140 L004 81

Qualify in L005 and L011. The actual tare weight of the
shipment. Tare weight is the weight of the truck or
container. (Loop 200)

Shipment Tare Weight Qualifier

[200 018 LE] 200 B 140 L005 187 T - Tare
(Loop 200)

Shipment Tare Weight Unit
Qualifier

[201 018 LF] 200 B 140 L011 188 L - Pounds
S - Short Ton
T - Ton
(Loop 200)

Shipment Net Weight

[202 018 LG] 200 B 140 L004 81

Qualify in L005 and L011. The net weight of the shipment. Net weight = freight weight + skid weight + pallet weight + dunnage weight. (Loop 200)

CHANGE NOTE: Clarify net weight formula in convention note. Requester: CFMS

Shipment Net Weight Qualifier

[203 018 LH] 200 B 140 L005 187 N - Net Weight
(Loop 200)

Shipment Net Weight Unit
Qualifier

[204 018 LJ] 200 B 140 L011 188 L - Pounds
S - Short Ton
T - Ton
(Loop 200)

Shipment Net Explosive Weight

[205 018 LS] 200 B 140 L004 81
Qualify in L005 and L011. (Loop 200)

Shipment Net Explosive Weight
Qualifier

[206 018 LT] 200 B 140 L005 187 NX - Net Explosive Weight (NEW) *
Request new X12 code. (Loop 200)

Shipment Net Explosive Weight
Unit Qualifier

[207 018 LU] 200 B 140 L011 188 L - Pounds
S - Short Ton
T - Ton
(Loop 200)

Shipment Dunnage Weight

[208 018 LV] 200 B 140 L004 81
Qualify in L005 and L011. (Loop 200)

FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX	Data Grp	TBL	POS	REF DES	DE #	VALUE	DoD CONVENTION
Shipment Dunnage Weight Qualifier	[209 018 LW]	200	B	140	L005	187 R	- Per Unit Dunnage (Loop 200)
Shipment Dunnage Weight Unit Qualifier	[210 018 LX]	200	B	140	L011	188 L S T	- Pounds - Short Ton - Ton (Loop 200)
Shipment Pallet Weight	[211 018 LY]	200	B	140	L004	81	Qualify in L005 and L011. (Loop 200)
Shipment Pallet Weight Qualifier	[212 018 LZ]	200	B	140	L005	187 PL	- Pallet Weight * Request new X12 code. (Loop 200)
Shipment Pallet Weight Unit Qualifier	[213 018 LZA]	200	B	140	L011	188 L S T	- Pounds - Short Ton - Ton (Loop 200)
Shipment Skid Weight	[213 018 SA]	200	B	140	L004	81	Qualify in L005 and L011. (Loop 200)
Shipment Skid Weight Qualifier	[213 018 SB]	200	B	140	L005	187 SK	- Skid Weight Request new X12 code. (Loop 200)

Shipment Skid Weight Unit
Qualifier

[213 018 SC] 200 B 140 L011 188 L - Pounds
S - Short Ton
T - Ton

(Loop 200)

Shipment Freight Weight

[213 018 TA] 200 B 140 L004 81

Qualify in L005 and L011. The freight weight of a shipment is defined as: Freight Wt = Net Wt - Skid Wt - Pallet Wt - Dunnage Wt. The freight weight for all commodities should be accumulated and carried in the data element. (Loop 200)

CHANGE NOTE: Corrected Freight Wt. formula in convention note. Requester: LMIC

Shipment Freight Weight Qualifier

[213 018 TB] 200 B 140 L005 187 FR - Freight Weight *
Request a new X12 code. (Loop 200)

Shipment Freight Weight Unit
Qualifier

[213 018 TC] 200 B 140 L011 188 L - Pounds
S - Short Ton
T - Ton

(Loop 200)

Total Cube Of Shipment Qualifier

[214 018 WA] 990 C 10 L310 184 E - Cubic Feet
G - Gallons
H - Hundreds of Measurement Tons
S - Measurement Ton
V - Liter
X - Cubic Meters

If total cube of shipment is used, this qualifier must appear.

Total Cube Of Shipment

[215 018 WB] 990 C 10 L309 183

Qualify in L310.

Tariff Distance (Mileage)

[216 019 A] 10 A 270 L713 294

Qualify in L714. Mileage used for rating shipment.

FREIGHT GBL (Standard Form 1103)

DATA NAME INDEX Data Grp TBL POS REF DES DE # VALUE DoD CONVENTION

Tariff Distance (Mileage) Qualifier [217 019 B] 10 A 270 L714 295 T - Tariff Miles

Vehicle Fully Loaded (Capacity Load Status) [218 021 A] 10 A 30 BX09 195 F - Full Capacity

Pickup, Service Furnished [219 021 B] 300

Use 300 Detail - Accessorial/Protective Service Description Loop described at [018 CA *]. Appendix 10.F contains the appropriate code values used in loop 300 to identify this specific service.

Carrier Way/Freight Bill Number Qualifier [220 022 A] 10 A 60 N901 128 CN - Carrier Reference Number (PRO/Invoice)

If freight bill number is used, this qualifier must appear.

Carrier Way/Freight Bill Number [221 022 B] 10 A 60 N902 127
Qualify in N901.

Internal DoD use only.

Carrier Way/Freight Bill Date [222 022 C] 10 A 60 N904 373

Stop Off Reason Code [223 023 A] 80 A 450 S502 163 LD - Load
UL - Unload

CHANGE NOTE: Delete codes. Requester: CFMS

Stop Off Sequence Number [224 023 B] 80 A 450 S501 165

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.

Stop Off Accomplish Code	[225 023 BA]	80	A	450	S511	190	A	- Accomplished P - Pending
Stop Off SPLC Code	[226 023 C]	80	A	450	S510	154		
Stop Off Name Of Party To Receive Shipment Qualifier	[227 023 D]	80	A	490	N101	98	LP UP	- Loading Party - Unloading Party
CHANGE NOTE: Delete codes. Requester: CFMS								
Stop Off DoDAAC Qualifier	[228 023 D]	80	A	490	N103	66	10	- DoD Activity Address Code (DoDAAC)
CHANGE NOTE: NEW DATA ELEMENT required for costing a shipment. Requester: CFMS								
Stop Off DoDAAC	[228 023 D2]	80	A	490	N104	67		
CHANGE NOTE: NEW DATA ELEMENT required for costing a shipment. Requester: CFMS								
Stop Off Name Of Party To Receive Shipment	[228 023 E]	80	A	490	N102	93		Qualify in N101.
Additional Name (IC)	[229 023 F]	80	A	500	N201	93		
Street (IC)	[230 023 G]	80	A	510	N301	166		
City (IC)	[231 023 H]	80	A	520	N401	19		
State (IC)	[232 023 I]	80	A	520	N402	156		Also use for province if shipment is Canadian.
Zip Code (IC)	[233 023 J]	80	A	520	N403	116		
Country Code	[234 023 K]	80	A	520	N404	26		
Stop Off Date(s)	[235 023 M]	80	A	460	G62	2	373	Scheduled date on which stop off will occur. Qualify in G6201.

FREIGHT GBL (Standard Form 1103) DATA NAME		INDEX	Data Grp	TBL	POS	REF DES	DE #	VALUE	DoD CONVENTION
Stop Off Date(s) Qualifier		[236 023 N]	80	A	460	G6201	432	69 - Scheduled Pickup Date 70 - Scheduled Delivery Date	
Stop Off Arrival/Departure Times		[237 023 O]	80	A	460	G6204	337		Scheduled time at which stop off will occur. Qualify in G6203.
Stop Off Arrival/Departure Times Qualifier		[238 023 P]	80	A	460	G6203	176	8 - Actual Pickup Time 9 - Actual Delivery Time A - Actual Departure Time	
Stop Off Communications Contact		[239 023 Q]	80	A	540	PER04	364		Qualify in PER01 and 03.
Stop Off Communications Contact Qualifier		[240 023 R]	80	A	540	PER03	365	IT - International Telephone TE - Telephone	If stop off communications contact is used, this qualifier must appear.
Stop Off Communications Qualifier		[241 023 S]	80	A	540	PER01	366	IC - Information Contact	If stop off communications contact is used, this qualifier must appear.

Primary Equipment Initials

[242 024 A] 60 A 330 N701 206

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)

CHANGE NOTE: Define 'primary equipment'. Specify that this segment is for primary equipment. Change data element name and convention notes. Requester: CFMS

Primary Equipment Numbers

[243 024 B] 60 A 330 N702 207

Use to describe railcars and trailers. If specific equipment is not ordered, carry the word 'NONE' in this data element.

CHANGE NOTE: Define 'primary equipment'. Specify that this segment is for primary equipment. Changed dod data name and convention note. Requester: CFMS

Primary Equipment Initials (line item)

[244 024 C] 60 B 20 N701 206

This data element satisfies intrastate visibility requirements for multi-equipment shipments. It describes initials of the furnished primary equipment in/on which the commodity is conveyed.

CHANGE NOTE: This used to be called conveyed equipment. For multi-equipment shipment, carry primary equipment in this data element. Change dod data name and convention note. Requester: CFMS

FREIGHT GBL (Standard Form 1103)
DATA NAME

DoD CONVENTION

DE # VALUE

REF DES

Data Grp TBL POS

INDEX

Primary Equipment Numbers (line item)

[245 024 D] 50 B 20 N702 207

This data element satisfies intrasit visibility requirements for multi-equipment shipments. It describes numbers on the furnished primary equipment in/on which the commodity is conveyed.

CHANGE NOTE: This used to be called conveyed equipment. For multi-equipment shipment, carry primary equipment in the segment. Changed dod data name and convention note. Requester: CFMS

Secondary Equipment Initials

[246 024 E] 50 A 335 NA04 207

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: Define 'secondary' equipment. Change dod data name; and convention note. Requester: CFMS

Secondary Equipment Numbers

[247 024 F] 50 A 335 NA03 206

CHANGE NOTE: Define 'secondary' equipment. Change dod data name. Requester: CFMS

Shipper Equipment Numbers

[247 TTS A] 60 B 30 NA03 206

Shipper equipment is that equipment/vehicle which is supplied/owned by the shipper. This includes DROMs and containers. Shipper owned vehicles like trucks, jeeps, and tanks, are identified using the VC segment. See index 1156 018 AAAI for mapping of vehicles information.

CHANGE NOTE: Define 'shipper owned' equipment. Changed dod data name and convention note. Requester: CFMS

Shipper Equipment Initials

[247 TTS B] 60 B 30 NA04 207

Use "DDV" for any DoD van and container. Use "DROM" for dromedary equipment.

CHANGE NOTE: Define 'shipper owned' equipment. Changed dod data name. Requester: CFMS

Seals On Shipper Owned Equipment

[247 ITS C] 60 B 40 M701 225

Used to describe seal applied to equipment (Containers, DROMs) owned by the shipper.

CHANGE NOTE: NEW DATA ELEMENT. Need to carry seals on shipper owned equipment. Requester: DTTs

Temperature Control

[248 024 H] 60 A 330 N713 319

Use to specify temperature setting for reefer shipments.

Tractor Number Qualifier

[248 ITS A] 60 A 360 REF01 128 EQ - Equipment Number

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 ammunition shipments.

CHANGE NOTE: NEW DATA ELEMENT. Need tractor number for ammunition shipments. Requester: DTTs

GOVERNMENT BILL OF LADING
858.003010

Tractor Number

REF02 127

127

The identifying marks assigned to a power unit (tractor).

CHANGE NOTE: NEW DATA ELEMENT. Need tractor number for ammunition shipments. Requester: DTTS

Seal Numbers

(249 024 I] 60 A 340 M701 225

225

Additional seal numbers should be carried in M702, 03, and 04.

Seal Numbers Applied By Qualifier

{250 024 J}

60 A

340

86

CA - Carrier
SH - Shipper

If seal numbers are applied to the shipment, this qualifier must appear.

**Length Capacity Primary
Equipment Ordered**

[251 024 K]

69 A

350

567

Implied decimal. Format is FFFI where 8000 is 80 ft.

CHANGE NOTE: Note the new definition of primary equipment. Changed dod data name. Requester: CFMS

**Cube Capacity Primary
Equipment Ordered**

[252 024 L]

60 A

350

203

In cubic feet.

CHANGE NOTE: New primary equipment definition. Changed
dod data name. Requester: CFMS

Length Capacity Primary
Equipment Furnished

[253 024 M] 60 A 330 N715 567

Equipment length in FFFll format.

CHANGE NOTE: New primary equipment definition. Changed
dod data name. Requester: CFMS

Cube Capacity Primary
Equipment Furnished

[254 024 N] 60 A 330 N708 183

Quality in N709.

CHANGE NOTE: New primary equipment definition. Changed
dod data name. Requester: CFMS

Cube Capacity Primary
Equipment Furnished Qualifier

[255 024 O] 60 A 330 N709 184 E - Cubic Feet

If cube capacity carrier equipment furnished is used, this
qualifier must appear.

CHANGE NOTE: New primary equipment definition. Change
dod data name. Requester: CFMS

Weight Capacity Primary
Equipment Ordered

[256 024 P] 60 A 350 N502 233

Express in 1000 lb units.

CHANGE NOTE: New primary equipment definition. Change
dod data name. Requester: CFMS

Weight Capacity Primary
Equipment Furnished

[257 024 Q] 60 A 330 N703 81

Express in 100 lb units. Quality in N704.

CHANGE NOTE: New primary equipment definition. Change
dod data name. Requester: CFMS

FREIGHT GBL (Standard Form 1103)
DATA NAME INDEX Data Gp TBL POS REF DES DE # VALUE DoD CONVENTIONWeight Capacity Primary
Equipment Furnished Qualifier

1258 024 RJ 60 A 330 N704 187 N - Actual Net Weight

If weight capacity carrier equipment furnished is used, this
qualifier must appear.CHANGE NOTE: New primary equipment definition. Change
dod data name. Requester: CFMSDate Primary Equipment Furnished 1259 024 SJ 10 A 110 G6202 373

Use format YYMMDD. Quality in G6201.

CHANGE NOTE: New primary equipment definition. Change
dod data name. Requester: CFMSDate Primary Equipment
Furnished Qualifier

1260 024 TJ 10 A 110 G6201 432 83 - Equipment Furnished Date

CHANGE NOTE: New primary equipment definition. Change
dod data name. Requester: CFMSName Of Receiving Party For
Empty Railcar

1261 024 UJ 10 A 220 E101 459

From the GBL continuation page.

City For Receiving Empty Railcar

1262 024 VJ 10 A 230 E401 19

From the GBL continuation page.

State For Receiving Empty Railcar

1263 024 WJ 10 A 230 E402 156

From the GBL continuation page.

Routing SCAC For Empty Railcar	[264 024 X]	10	A	240	E501	140	From the GBL continuation page.
Routing SCAC Sequence Number	[265 024 Y]	10	A	240	E502	133	Use distinguishing X12 codes to describe the sequence of intermodal carriers. From the GBL continuation page.
Cross Reference Type Code	[266 024 Z]	60	A	335	NA05	231	A - Additional Equipment for Manifest Billing L - Lead Car
Type of Equipment Furnished	[267 024 ZA]	60	A	330	N722	24	Use codes in appendix 10.F. Request new data element for N7 and N5 segment.
Carrier's Pickup Date	[268 025 A]	10	A	110	G6202	373	Use format YYMMDD. Qualify in G6201.
Carrier's Pickup Date Qualifier	[269 025 B]	10	A	110	G6201	432	10 - Requested Ship Date/Pick-up Date 77 - Pickup Appointment Scheduled Date 86 - Actual Pick-up Date
Carrier's Pickup Time	[269 025 C]	10	A	110	G6204	337	8 - Actual Pickup Time
Carrier's Pickup Time Qualifier	[269 025 CC]	10	A	110	G6203	176	
GBL Number	[270 026 A]	10	A	30	BX04	145	Should always be included in DoD shipment information. First position is type alpha followed by seven positions of numeric. Note: Do not use any punctuation or special characters.

FREIGHT GBL (Standard Form 1103)
DATA NAME

DoD CONVENTION

Type Of Equipment Ordered

[271 027 A] 60 A 350 N504 301

Valid equipment code lists can be found in Appendix 10.E. Left justify the MIMC type equipment code and fill to the right with the lowercase 'x' until a length of four characters is reached. This mapping is temporary until the DoD can agree with industry on a solution to equipment type identification which will meet Government requirements.

CHANGE NOTE: Need a temporary mapping that will accommodate a 2 to 3 position equipment code. Mapping was changed from N509. Convention note was changed. Requester: CFMS

Total Charge for Shipment

[272 028 A] 990 C 10 L305 58

Estimated or calculated charge for entire shipment.

Number Of Carloads/Truckloads
Used

[273 029 A] 990 C 10 L311 80

The total number of pieces of equipment used for the shipment. This 'quantity' may be used to rate the cost of a shipment.

Protective Service

[275 031 A] 300

See 300 Detail - Accessorial/Protective Services Description Loop.

500 Detail - ITO Quality
Management Info Loop Qualifier

[276 032 A] 500 B 10 LX01 554 500 - ITO Quality Management Info Loop

This segment begins the loop used to carry Installation Transportation Office quality management information. (Loop 500)

Reason (Not Lowest Cost)	[277 032 A]	500 B	100	N902	127	Qualify in N901. See Appendix 10.F for list of valid codes. (Loop 500)
Reason (Not Lowest Cost) Qualifier	[278 032 B]	500 B	100	N901	128	ZZ - Mutually Defined New X12 code will be requested. Use 'ZZ' while code request is pending. If not lowest cost is used, this qualifier must appear. (Loop 500)
Item Qualifier	[279 032 C]	500 B	140	L001	213	500 - ITO Quality Management Info Loop If loop 500 Detail is used, this qualifier must appear. (Loop 500)
Not Lowest Cost Charge Difference	[280 032 D]	500 B	150	L104	58	(Loop 500)
Issuing Office Name (IU)	[281 033 A]	78 A	390	N102	03	Qualify in N101.
Issuing Office (IU) Name Qualifier	[282 033 B]	78 A	390	N101	98	IU - Issuer +
Additional Name (IU)	[283 033 C]	78 A	400	N201	93	
Street (IU)	[284 033 D]	78 A	410	N301	166	
City (IU)	[285 033 E]	78 A	420	N401	19	
State (IU)	[286 033 F]	78 A	420	N402	156	
Zip Code (IU)	[287 033 G]	78 A	420	N403	116	
Issuing Office (IU) GBLOC	[288 033 H]	78 A	420	N406	310	Qualify in N403.

FREIGHT GBL (Standard Form 1103)
DATA NAME

INDEX Date Grp TBL POS REF DES DE # VALUE DoD CONVENTION

Issuing Office (IU) GBLOC
Qualifier

[289 033 I] 78 A 420 N405 309 BL - Government Bill of Lading Office Code (GBLOC)

Request new X12 code.

CHANGE NOTE: Code value correction. Requester: CFMS

FOB Point Qualifier

[290 033 A] 79 A 390 N101 98

CHANGE NOTE: NEW DATA ELEMENT. Requester: CFMS

FOB Point

[290 033 B] 79 A 390 N102 93

Carry string "FOB Point" in this data element.

CHANGE NOTE: NEW DATA ELEMENT. Requester: CFMS

FOB Point (City) Named In
Contract

[290 033 J] 79 A 420 N401 19

FOB Point (State) Named In
Contract

[291 033 K] 79 A 420 N402 156

FOB SPLC Qualifier

[291 033 L] 79 A 420 N405 309 SL - Standard Point Location Code (SPLC)

FOB SPLC

[291 033 M] 79 A 420 N406 310

CHANGE NOTE: NEW DATA ELEMENT. Requester: CFMS

Name Of Issuing Officer

[292 033 M] 78 A 440 PER02 93

Qualify in PER01.

Name Of Issuing Officer Qualifier

[293 033 N] 78 A 440 PER01 366 IO - Issuing Officer

Authority Number (Contract/Po)	[294 033 Q]	10	A	60	N902	127	Qualify in N901.
Authority Number (Contract/Po) Qualifier	[295 033 P]	10	A	60	N901	128	CT - Contract Number PO - Purchase Order Number If authority number applies to shipment, this qualifier must appear.
Authority (Contract/Po) Dated	[296 033 Q]	10	A	60	N904	373	
Date Of Delivery Qualifier	[297 034 A]	10	A	110	G6201	432	66 - Delivered On This Date
Date Of Delivery	[298 034 B]	10	A	110	G6202	373	Use format YYMMDD. Qualify in G6201
Number Of Included Segments	[299 900 A]	10	C	20	SE01	96	Total segments in this transaction set including the ST and SE segments.
Transaction Set Control Number	[300 900 B]	10	C	20	SE02	329	This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.

(Blank Page)

10.7 DoD CONVENTIONS

Overview

This chapter is the convention for the X12.18 Transaction Set 858 Shipment Information (Version 003010) as used by the Department of Defense for generating electronic Government Bills of Lading (GBL). It was derived from:

- Table 10.5-1, Data Element Cross-Reference Matrix that describes the data requirement for generating electronic GBL for freight shipments
- ASC X12 Database 003010, copyright 1991 Data Interchange Standards Association (DISA).

A relational database management system was used to merge the Data Element Cross-Reference Matrix and the X12 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 read and understand a Transaction Set 858 that carries a freight GBL data set. All trading partners who plan to exchange this Transaction Set with the Department of Defense can use this document as a reference for the development of their X12 translator/database interface program.

Contents

Three tables are included in this chapter.

- Table 10.7-1, X12.18 Shipment Information Transaction Set 858 Segment Hierarchy describes the 858 segments as they appear in the ASC X12 Standards Dictionary and cites the table 10.7-2 page number where the segment is described.
- Table 10.7-2, Conventions is a detailed description of the Department of Defense conventions for generating an 858 transaction set for a GBL. All segments identified with a page number in Table 10.7-1 are detailed in Table 10.7-2 by segment, position, and code value.

(Blank Page)

TABLE 10.7-1

SEGMENT HIERARCHY

**X12.18 TRANSACTION SET 858 SHIP-
MENT INFORMATION (Version 003010)**

(Blank Page)

ASC X12.18 Transaction Set 858
Shipment Information (Version 003010)
Segment Hierarchy

Table 1 - Header Area

Page No. (If used)	Pos No.	Seg ID	Name	Req Des	Use	Loop
11	10	ST	Transaction Set Header	M	1	
	20	ZC1	Beginning Segment For Data Correction Or Change	O	1	
12	30	BX	General Shipment Information	M	1	
15	40	BNX	Rail Shipment Information	O	1	
	50	M3	Release	O	1	
16	60	N9	Reference Number	O	30	
	65	CM	Cargo Manifest	O	3	
	70	Y6	Authentication	O	4	
19	80	Y7	Priority	O	1	
	90	C3	Currency	O	1	
	100	ITD	Terms of Sale/Deferred Terms of Sale	O	1	
20	110	G62	Date/Time	O	10	
23	120	PER	Administrative Communications Contact	O	3	
	130	NA	Cross-Reference Equipment	O	999	
25	140	F9	Origin Station	O	1	
27	150	D9	Destination Station	O	1	
	160	R1	Route Information (Air)	O	1	
29	170	R2	Route Information	O	13	
	175	R3	Route Information - Motor	O	13	
	180	R4	Port	O	5	
	190	MEA	Measurements	O	1	
31	200	H3	Special Handling Instructions	O	20	
	201	PS	Protective Service Instructions	O	5	
	210	H6	Special Services	O	6	
33	220	E1	Empty Car Disposition - Pended Destination Consignee	O	1	
34	230	E4	Empty Car Disposition - Pended Destination City	O	1	
35	240	E5	Empty Car Disposition - Pended Destination Route	O	13	
	250	M1	Insurance	O	1	
	260	M2	Sales/Delivery Terms	O	1	
36	270	L7	Tariff Reference	O	30	
38	280	NTE	Note/Special Instruction	O	30	

	290 XH	Pro Forma - B13 Information	O	1	
	300 GA	Canadian Grain Information	O	1	
41	330 N7	Equipment Details	O	1	N7\600
45	335 NA	Cross-Reference Equipment	O	30	
47	340 M7	Seal Numbers	O	5	
48	350 N5	Equipment Ordered	O	1	
50	360 REF	Reference Numbers	O	5	
	370 IC	Intermodal Chassis Equipment	O	1	
	380 VC	Motor Vehicle Control	O	21	
51	390 N1	Name	O	1	N1\10
56	400 N2	Additional Name Information	O	2	
57	410 N3	Address Information	O	2	
58	420 N4	Geographic Location	O	1	
	430 REF	Reference Numbers	O	12	
63	440 PER	Administrative Communications Contact	O	3	
66	450 S5	Stop Off Details	O	1	S5\5
68	460 G62	Date/Time	O	6	
	470 N9	Reference Number	O	10	
	480 H6	Special Services	O	6	
70	490 N1	Name	O	1	N1\5
72	500 N2	Additional Name Information	O	2	
73	510 N3	Address Information	O	2	
74	520 N4	Geographic Location	O	1	
	530 REF	Reference Numbers	O	12	
76	540 PER	Administrative Communications Contact	O	3	

Page No. (If used)	Table 2 - Detail Area				
	Pos No.	Seg ID	Name	Req Des	Use Loop
78	10	LX	Assigned Number	M	1 LX\999
80	20	N7	Equipment Details	O	1
83	30	NA	Cross-Reference Equipment	O	1
85	40	M7	Seal Numbers	O	5
	50	N5	Equipment Ordered	O	1
	60	REF	Reference Numbers	O	5
	70	IC	Intermodal Chassis Equipment	O	1
	80	VC	Motor Vehicle Control	O	24
86	90	L7	Tariff Reference	O	10
88	100	N9	Reference Number	O	10
	110	X1	Export License	O	6
	120	X2	Import License	O	1
93	130	L5	Description, Marks and Numbers	O	10
96	140	L0	Line Item - Quantity and Weight	O	1 L0\10
107	150	L1	Rate and Charges	O	20
111	160	MEA	Measurements	O	10
115	170	LH1	Hazardous Identification Information	O	1 LH1\100
118	180	LH2	Hazardous Classification Information	O	2
120	190	LH3	Hazardous Material Shipping Name	O	10
	200	LH4	Canadian Dangerous Requirements	O	1
121	210	LHR	Hazardous Material Identifying Reference Numbers	O	10
123	220	LHE	Empty Equipment Hazardous Material Information	O	1
	230	LH5	Hazardous Material Shipment Contacts	O	2
125	240	LH6	Hazardous Certification	O	5
Page No. (If used)	Table 3 - Summary Area				
	Pos No.	Seg ID	Name	Req Des	Use Loop
126	10	L3	Total Weights and Charges	O	1
128	20	SE	Transaction Set Trailer	M	1

(Blank Page)

TABLE 10.7-2

DoD 858 CONVENTIONS

How To Read This Table

This table contains two sets of references. ASC X12 references are contained in the right-hand column along with prescribed Government code lists. Government data requirement references are contained in the left-hand column.

Government References

The left-hand in Table 10.7-2 describe Department of Defense conventions.

- Left-hand column: Contains three general references. Mandatory (or Optional): Appears for a segment and also for positions in a segment. These indicate the Department of Defense conventions.
 - > Data name: Corresponds to a specific FREIGHT GBL DATA NAME from Table 10.5-1.
 - > GBL index: Corresponds to a specific INDEX from Table 10.5-1.

The Government references should be used to trace data elements back to Chapter 10.5 to help the user determine the source of data.

ASC X12 References

The right-hand column describes the ASC X12 conventions. The paragraph included at the beginning of a segment description is standard ASC X12 information. The subheadings listed under Data Element Summary describe conventions for each data element in the segment.

- > Ref Des, Data Element, Attributes: Three subheadings describe the format of the segment as prescribed by ASC X12.
- > Name: Describes the X12 data element and list the ASC X12 Dictionary definition. It also lists the specific code values the Government prescribes and may provide other information.

How To Use This Table

This table can be used to identify the data contained in populated (filled in) transaction set.

1. Identify a segment from a populated X12 transaction set (See Appendix 10.C for examples).

2. Look up the segment in table 10.7-1 and find the page number where the segment is described.

3. Look up the segment in table 10.7-2.

4. Read the right-hand column to identify a Reference Designator (Ref.Des.). The Reference Designator combines the segment id and the position of a data element within the segment to form a single identifier.

5. Read the left-hand column immediately adjacent to the Reference Designator to find the DATA NAME, INDEX, and DoD CONVENTION that are mapped to that Reference Designator. When multiple DoD DATA NAMES appear for a single Reference Designator, there is usually an X12 code qualifier somewhere in the same segment that identifies the data.

NOTE: The INDEX from the left-hand column can be used to identify the DATA NAME in Table 10.5-1.

Segment: ST Transaction Set Header
Level: A
Sequence: 10
Usage: M
Max Use: 1
Loop:
Purpose: To indicate the start of a transaction set and to assign a control number
Comment: A. The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
ST01	143	Transaction Set Identifier Code	M ID 3/3

Code uniquely identifying a Transaction Set.

Code	Definition
858	X12.18 Shipment Information

ST02	329	Transaction Set Control Number	M AN 4/9

Identifying control number assigned by the originator for a transaction set.

Transaction Set Id
[001 000 A

Transaction Set Control
Number
[003 000 C

The application and structure of the control number must be agreed upon between the DoD and its trading partner. The first five digits will indicate the interchange control number. The last four digits represent the sequence of the transaction set within the functional group.

Segment: BX General Shipment Information
Level: A
Sequence: 30
Usage: M
Max Use: 1
Loop:
Purpose: To transmit identification numbers and other basic shipment data
Comment: A. BX05 contains the SCAC of the original carrier receiving the shipment

Data Element Summary

Ref. Des.	Data Element	Name	Attributes

BX01	353	Transaction Set Purpose Code	M ID 2/2

Code identifying purpose of transaction set.

Transaction Set Purpose
Code
[002 000 B

Code Definition

00	Original
01	Cancellation
04	Change
14	Advance Notification
20	Final

BX02	91	Transportation Method/Type Code	M ID 1/2

Code specifying the method or type of transportation for the shipment.

Transportation Method Code
(Mode Code)
[004 027 D

See appendix 10.F for appropriate code values.

BX03	146	Shipment Method of Payment	M ID 2/2

Code identifying payment terms for transportation charges.

Method Of Payment
[005 000 E

Code Definition

CC	Collect
CD	Collect On Deliver
PP	Prepaid (by Seller)

GBL Number
[270 026 A

Should always be included in DoD shipment information. First position is type alpha followed by seven positions of numeric. Note: Do not use any punctuation or special characters.

Transportation Company
Tendered To (SCAC)
[013 002 A

Use the SCAC on the origin carrier.

Bill Purpose/Application Type
Code
[006 000 F

Vehicle Fully Loaded
(Capacity Load Status)
[218 021 A

BX04 145 Shipment Identification Number O AN 1/30

Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification. (Does not contain blanks or special characters.)

BX05 140 Standard Carrier Alpha Code O ID 2/4
Standard Carrier Alpha Code

BX06 188 Weight Unit Qualifier O ID 1/1

BX07 147 Shipment Qualifier O ID 1/1
Code defining relationship of this shipment with respect to other shipments given to the carrier at the same time.

Code	Definition
B	Bill of Lading for Individual Shipment

BX08 226 Section Seven Code O ID 1/1

BX09 195 Capacity Load Code O ID 1/1
Code specifying type of capacity load.

Code	Definition
F	Full Capacity

Defense Transportation
Tracking System Reporting
Qualifier
(006 TTS A

BX10 160 Status Report Request Code O ID 1/1

Code used by the shipper to specify that an automatic status report is requested when the shipment is delivered.

<u>Code</u>	<u>Definition</u>

R	Automatic Status Report Requested

BX11 501 Customs Documentation Handling Code O ID 2/2

BX12 199 Confidential Billing Request Code O ID 1/1

Segment: **BNX** Rail Shipment Information

Level: A

Sequence: 40

Usage: O

Max Use: 1

Loop:

Purpose: To transmit rail-specific shipment data

Syntax Notes: 04 If either BNX02 or BNX04 is present,
then the other cannot be present.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes

BNX01	460	Shipment Weight Code	O ID 1/1

Code indicating the way by which weights are obtained for a particular shipment.

Code Definition

S	Shipper Certified Scale Weights
T	Tariff Authorized Weight

BNX02	129	Referenced Pattern Identifier	C AN 1/13

BNX03	11	Billing Code	O ID 1/1

Code indicating type of Bill.

Code Definition

V	Normal Bill of Lading

BNX04	223	Repetitive Pattern Number	C NO 5/5

Shipment Weight Code
I007 000 G

Billing Code
I008 000 H

Segment: N9 Reference Number

Level: A

Sequence: 60

Usage: O

Max Use: 30

Loop:

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Syntax Notes: 01 At least one of N902 or N903 must be present. At least one of N1001 or N1002 must be present.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N901	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	

Transaction Content ID
Qualifier
[009 000 I

Route Order/Release
No/Emergency Routings
Qualifier
[016 004 A

If route order/release number applies to the shipment, this qualifier must appear.

CBL Number Qualifier
[098 015 J

Code Definition

FI File Identifier

Code Definition

RG Route Order Number-Domestic

RH Route Order Number-Export

RJ Route Order Number-Emergency

Code Definition

BM Commercial Bill of Lading

Carrier Way/Freight Bill
Number Qualifier
[220 022 A]

If freight bill number is used, this
qualifier must appear.

Authority Number
(Contract/Po) Qualifier
[295 033 P]

If authority number applies to ship-
ment, this qualifier must appear.

Transaction Content ID
[010 000 J]

This data element identifies the ap-
plication contents of the 858.
These are unique codes to DoD
and should be used by all trading
partners to identify the data con-
tent in the transaction set. Qualify
in N901.

Route Order/Release
No/Emergency Routings
[017 004 B]

This data element is not always
available but when used, qualify in
the N901.

Code	Definition
CN	Carrier Reference Number (PRO/Invoice)

Code	Definition
CT	Contract Number
PO	Purchase Order Number

N902 127 Reference Number C AN 1/30
Reference number or identification number as
defined for a particular Transaction Set, or as
specified by the Reference Number Qualifier.

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

CBL Number
[099 015 K

Carrier Way/Freight Bill
Number
[221 022 B

Qualify in N901.

Authority Number
(Contract/Po)
[294 033 O

Qualify in N901.

N903 369 Free-form Description

C AN 1/45

N904 373 Date
Date (YYMMDD).

O DT 6/6

Carrier Way/Freight Bill Date
[222 022 C

Internal DoD use only.

Authority (Contract/Po)
Dated
[296 033 Q

N905 337 Time

O TM 4/4

Segment: Y7 Priority
Level: A
Sequence: 80
Usage: O
Max Use: 1
Loop:

Purpose: To assign a priority to a booking which
would increase the possibility that this cargo
would be booked on said voyage and not be
shut out

Transportation Priority Code
[089 015 B

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>										
Y701	467	Priority Number indicating importance.	C	N0	1/1								
		<table><tr><th><u>Code</u></th><th><u>Definition</u></th></tr><tr><td>1</td><td>Level 1</td></tr><tr><td>2</td><td>Level 2</td></tr><tr><td>3</td><td>Level 3</td></tr></table>	<u>Code</u>	<u>Definition</u>	1	Level 1	2	Level 2	3	Level 3			
<u>Code</u>	<u>Definition</u>												
1	Level 1												
2	Level 2												
3	Level 3												
Y702	470	Priority Code	C	N0	1/1								
Y703	471	Priority Code Qualifier	C	AN	1/1								
Y704	468	Port Call File Number	C	N0	4/4								
Y705	469	Required Delivery Date	O	DT	6/6								

Segment: G62 Date/Time

Level: A

Sequence: 110

Usage: O

Max Use: 10

Loop:

Purpose: To specify pertinent dates and times

Syntax Notes: 01 At least one of G6201 or G6203 must be present.

02 If either G6201 or G6202 is present, then the other is required.

04 If either G6203 or G6204 is present, then the other is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
G6201	432	Date Qualifier	C ID 2/2

Code specifying type of date.

Date B/L Prepared Qualifier
[014 003 A

Code	Definition
76	Bill of Lading

Desired/Required Delivery
Date Qualifier
[090 015 B

If desired/required delivery date is used, this qualifier must appear.
Code '54' should be used to qualify required delivery date.

Code	Definition
54	Deliver No Later Than Date
68	Requested Delivery Date

Date Primary Equipment
Furnished Qualifier
[260 024 T

Code	Definition
83	Equipment Furnished Date

Carrier's Pickup Date
Qualifier
[269 025 B

Code	Definition
10	Requested Ship Date/Pick-up Date
77	Pickup Appointment Scheduled Date
86	Actual Pick-up Date

Date Of Delivery Qualifier
[297 034 A

Code	Definition
66	Delivered On This Date

G6202 373 Date C DT 6/6
Date (YYMMDD).

Date B/L Prepared
[015 003 B

Use format YYMMDD. Qualify in
G6201.

Desired/Required Delivery
Date
[091 015 C

Use format YYMMDD. Qualify in
G6201.

Date Primary Equipment
Furnished
[259 024 S

Use format YYMMDD. Qualify in
G6201.

Carrier's Pickup Date
[268 025 A

Use format YYMMDD. Qualify in
G6201.

Date Of Delivery
[298 034 B

Use format YYMMDD. Qualify in
G6201

G6203 176 Time Qualifier C ID 1/1
Code specifying the reported time.

Carrier's Pickup Time
Qualifier
[269 025 CC

G6204 337 Time C TM 4/4

Time expressed in 24-hour clock time (HHMM,
time range: 0000 though 2359).

Carrier's Pickup Time
[269 025 C

<u>Code</u>	<u>Definition</u>

8	Actual Pickup Time

G6205 623 Time Code O ID 2/2

Segment: PER Administrative Communications
Contact

Level: A

Sequence: 120

Usage: O

Max Use: 3

Loop:

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes: 01 If PER03 is present, then PER04 is required. When PID01 is 'F', PID04 is not used.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PER01	366	Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named.	

Code	Definition
IC	Information Contact

Code	Definition
EF	Emergency Contact-Military Traffic Management Command (MTMC)

PER02	93	Name	O AN 1/35

PER03	365	Communication Number Qualifier	O ID 2/2
		Code identifying the type of communication number.	

Code	Definition
AU	AUTOVON
FT	Federal Telecommunications System (FTS)
TE	Telephone

Shipment Contact Qualifier
[092 015 D

Emergency Response
Telephone No. Functional
Code
[095 015 G

Shipment Contact Qualifier
[093 015 E

Emergency Response
Telephone No. Qualifier
[096 015 H

<u>Code</u>	<u>Definition</u>
AU	AUTOVON
IT	International Telephone
TE	Telephone

Shipment Contact Telephone
No.
[094 015 F

Telephone number of shipment
POC. Qualify in PER01 and 03.

Emergency Response
Telephone No.
[097 015 I

Initiated as a requirement on 1
January 1991. Qualify in PER01
and 03.

PER04 364 Communication Number C AN 7/21
Complete communications number including country
or area code when applicable.

Segment: F9 Origin Station
Level: A
Sequence: 140
Usage: O
Max Use: 1
Loop:
Purpose: To identify the rail origin of this shipment.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
F901	573	Freight Station Accounting Code	C ID 1/5
F902	101	Origin Station Railroad station at which the movement of goods originated.	M AN 2/19
F903	156	State or Province Code Code (Standard State/Province) defined by appropriate governmental agencies.	M ID 2/2
F904	26	Country Code	O ID 2/2
F905	194	Billed At Station Code	O ID 1/6
F906	19	City Name	O AN 2/19
F907	156	State or Province Code	O ID 2/2
F908	154	Standard Point Location Code Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city.	O ID 6/9

Originating Railroad Station
[040 008 I

Name of railroad station where
shipment originated.

State Of Originating Railroad
Station
[041 008 J

SPLC Of Originating Railroad
Station
[042 008 K

F909 116 Postal Code

O ID 4/9

Segment: **D9** Destination Station
Level: **A**
Sequence: **150**
Usage: **O**
Max Use: **1**
Loop:
Purpose: To identify the rail destination of this shipment.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
D901	573	Freight Station Accounting Code	C ID 1/5
D902	300	Destination Station Railroad station at which the movement of goods is to terminate.	M AN 2/19
D903	156	State or Province Code Code (Standard State/Province) defined by appropriate governmental agencies.	M ID 2/2
D904	26	Country Code	O ID 2/2
D905	194	Billed At Station Code	O ID 1/6
D906	19	City Name	O AN 2/19
D907	156	State or Province Code	O ID 2/2
D908	154	Standard Point Location Code Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city.	O ID 6/9

Destination Railroad Station
[025 005 I

Name of railroad station where
shipment will terminate.

State Of Destination Railroad
Station
[026 005 J

SPLC Of Destination
Railroad Station
1027 005 K

D909 116 Postal Code

O ID 4/9

Segment: R2 Route Information
Level: A
Sequence: 170
Usage: O
Max Use: 13
Loop:
Purpose: To specify carrier and routing sequences and details
Comment: A. R203 is the station or city name at which carriers interchange shipments.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
R201	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	M ID 2/4

Via (Routing) SCAC
[087 014 B

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.

R202	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement.	M ID 1/2

Via (Routing) SCAC Qualifier
[086 014 A

If via (routing) SCAC is used, this qualifier must appear. Use existing codes for sequencing of interline carriers after the origin carrier.

Code	Definition
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

R203	19	City Name	C AN 2/19

Via (Routing) SPLC
[088 014 D

R204	154	Standard Point Location Code	C	ID	6/9
		Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city.			
R205	177	TOFC/Intermodal Code Qualifier	C	ID	1/2
R206	91	Transportation Method/Type Code	O	ID	1/2
R207	296	Intermediate Switch Carrier	O	ID	2/4
R208	296	Intermediate Switch Carrier	O	ID	2/4
R209	76	Invoice Number	C	AN	1/22
R210	12	Billing Date	C	DT	6/6
R211	369	Free-form Description	O	AN	1/45
R212	56	Type of Service Code	O	ID	2/2
R213	742	Route Description	O	AN	1/35

Segment: H3 Special Handling Instructions

Level: A

Sequence: 200

Usage: O

Max Use: 20

Loop:

Purpose: To specify special handling instructions in coded or free-form format

Syntax Notes: 01 Only one of H301 or H302 may be present.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
H301	152	Special Handling Code	C ID 2/3
		Code specifying special transportation handling instructions.	

Accessorial/Protective Service Ordered Identifier [089 015

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.

H302	153	Special Handling Description	C AN 2/30
		Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate.	

**Actual Surveillance
Service/Requesting Party
[089 015 A**

Use the X12 code from appendix F to indicate the actual surveillance service provided. The surveillance service ordered appears in H301. 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.

Code Definition

MMS	Motor Surveillance (12 hour calls)
MVS	Motor Surveillance (8 hour calls)
SMS	Satellite Motor Surveillance

H303	241	Protective Service Code	C	ID	1/8
H304	242	Vent Instruction Code	C	ID	1/7
H305	257	Tariff Application Code	C	ID	1/1

Segment: E1 Empty Car Disposition - Pended
Destination Consignee

Level: A

Sequence: 220

Usage: O

Max Use: 1

Loop:

Purpose: To identify the party receiving the empty car

Syntax Notes: 01 If either E102 or E103 is present, then
the other is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
E101	459	Name (30 Character Format)	M AN 2/30
		Free-form organization name or official title as it should appear for mailing address.	
E102	66	Identification Code Qualifier	C ID 1/2
E103	67	Identification Code	C ID 2/17

Name Of Receiving Party For
Empty Railcar
[261 024 U

From the GBL continuation page.

Segment: E4 Empty Car Disposition - Pended
Destination City

Level: A

Sequence: 230

Usage: O

Max Use: 1

Loop:

Purpose: To specify the geographic place of named
party receiving the empty car

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
E401	19	City Name Free-form text for city name.	M AN 2/19
E402	156	State or Province Code Code (Standard State/Province) defined by appropriate governmental agencies.	M ID 2/2
E403	116	Postal Code	O ID 4/9
E404	26	Country Code	O ID 2/2

City For Receiving Empty
Railcar
[262 024 V
From the GBL continuation page.

State For Receiving Empty
Railcar
[263 024 W
From the GBL continuation page.

Segment: E5 Empty Car Disposition - Pended
Destination Route

Level: A

Sequence: 240

Usage: O

Max Use: 13

Loop:

Purpose: To specify the routing of the empty car

Comment: A. E503 Accounting Rule 260 will use
AAR Accounting Rule 460 for junction
names (railroad interchange location).

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
E501	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	M ID 2/4
E502	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement.	M ID 1/2
E503	19	City Name	O AN 2/19
E504	154	Standard Point Location Code	O ID 6/9

Routing SCAC For Empty
Railcar
(264 024 X

From the GBL continuation page.

Routing SCAC Sequence
Number
(265 024 Y

Use existing X12 codes to
describe the sequence of interline
carriers. From the GBL continua-
tion page.

Segment: L7 Tariff Reference
Level: A
Sequence: 270
Usage: O
Max Use: 30
Loop:
Purpose: To reference details of the tariff used to arrive at applicable rates or charge
Comment: A. "City" and "State" in L715 and L716 are used for rate combination city and state.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
L701	213	Lading Line Item Number	O NO 1/3
L702	168	Tariff Agency Code	O ID 1/4
L703	171	Tariff Number	O AN 1/7
L704	172	Tariff Section	O AN 1/2
L705	169	Tariff Item Number	O AN 1/16
L706	170	Tariff Item Part	O NO 1/2
L707	59	Freight Class Code	O ID 2/5
L708	173	Tariff Supplement Identifier	O AN 1/4
L709	46	Ex Parte	O AN 4/4
L710	37	Effective Date	O DT 6/6
L711	119	Rate Basis Number	O AN 1/6
L712	227	Tariff Column	O AN 1/2

Tariff Distance (Mileage) [216 019 A Qualify in L714. Mileage used for rating shipment.	L713294Tariff DistanceO NO 1/5 Distance on which the rate for a shipment is based.				
Tariff Distance (Mileage) Qualifier [217 019 B	L714295Distance QualifierO ID 1/1 Code identifying the distance unit. <table><tr><th>Code</th><th>Definition</th></tr><tr><td>T</td><td>Tariff Miles</td></tr></table>	Code	Definition	T	Tariff Miles
Code	Definition				
T	Tariff Miles				
	L71519City NameO AN 2/19				
	L716156State or Province CodeO ID 2/2				

Segment: NTE Note/Special Instruction
Level: A
Sequence: 280
Usage: O
Max Use: 30
Loop:
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction
Comment: A. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the "NTE" segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
NTE01	363	Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies.	

Appropriation Number
Qualifier
[073 012 A]

This qualifier must appear. Each appropriation number uses one NTE segment.

Code	Definition
APS	Appropriation Specifications *

Appropriation Dollars
Qualifier
[075 012 C]

Code	Definition
PAY	Payables

Change Notice Qualifier
[076 015 G1]

Code	Definition
CHG	Change

Routing Instruction Note
Code Qualifier
[101 015 NB

Load Use Qualifier
[101 TTS A

DoD Classification
Instructions Qualifier
[101 TTS C

This data element needs to be
remapped to the line item level
upon the next ASC X12 858 ver-
sion release update.

Appropriation Type, Weight,
And Number
[074 012 B

Enter appropriation number type
code, net weight, and full account-
ing classification code or an ab-
breviated code that identifies the
funding appropriation for the ship-
ment. These three data elements
are separated by a comma (,) as
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 ap-
propriation appears second. The ap-
propriation number is entered
third. See Appendix 10.F for a com-
plete description of appropriation
type 2.

Code	Definition
INT	General Order Instructions

Code	Definition
LOI	Load Use Description

Code	Definition
CLR	Security Clearance Instructions

NTE02 3 Free Form Message M AN 1/60
Free-form text.

Code	Definition
1	Full appropriation number with no subelement distinction
2	Full appropriation number divided into accounting classification components
3	Movement designator code (MDC)
4	Airforce transportation account code (ATAC)
5	Transportation account code (TAC)
6	Navy appropriation (NMF)

Appropriation Dollars
[076 012 D

Enter the dollar amount to be
billed to the appropriation number
listed in the NTE segment above.

Change Notice
[076 015 G2

Routing Instruction Note
Code
[100 015 NA

The codes are listed in the
Defense Traffic Management
Regulations (DTMR) available from
the Military Traffic Management
Command, Falls Church, VA.

Load Use Instructions
[101 TTS B

Use character strings "EX-
CLUSIVE" or "NONEXCLUSIVE" to
indicate load use instruction.

DoD Classification
Instructions
[101 TTS D

<u>Code</u>	<u>Definition</u>
C	Classified
S	Secret
U	Unclassified

Segment: N7 Equipment Details
Level: A
Sequence: 330
Usage: O
Max Use: 1
Loop:

Purpose: To identify the equipment.

Comment: A. N701 is mandatory for rail transactions.

B. N720 and N721 are expressed in inches.

Syntax Notes: 01 If N703 is present, then N704 is required.

02 If either N705 or N716 is present, then the other is required.

03 If either N708 or N709 is present, then the other is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N701	206	Equipment Initial	C AN 1/4
		Prefix or alphabetic part of an equipment unit's identifying number.	
N702	207	Equipment Number	M AN 1/10
		Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred).	

Primary Equipment initials [242 024 A

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)

Primary Equipment Numbers
[243 024 B

Use to describe railcars and
trailers. If specific equipment is
not ordered, carry the word
'NONE' in this data element.

Weight Capacity Primary
Equipment Furnished
[257 024 Q

Express in 100 lb units. Qualify in
N704.

Weight Capacity Primary
Equipment Furnished
Qualifier
[258 024 R

If weight capacity carrier equip-
ment furnished is used, this
qualifier must appear.

Cube Capacity Primary
Equipment Furnished
[254 024 N

Qualify in N709.

N703 81 Weight C R 1/8
Numeric value of weight.

N704 187 Weight Qualifier C ID 1/2
Code defining the type of weight.

Code	Definition
N	Actual Net Weight

N705 167 Tare Weight C N0 3/8

N706 232 Weight Allowance C N0 2/5

N707 205 Dunnage C N0 1/6

N708 183 Volume O R 1/8
Value of volumetric measure.

N709 184 Volume Unit Qualifier C ID 1/1
Code identifying the volume unit.

Cube Capacity Primary
Equipment Furnished
Qualifier
[255 024 O

If cube capacity carrier equipment
furnished is used, this qualifier
must appear.

Code Definition

E Cubic Feet

N710 102 Ownership Code O ID 1/1

N711 40 Equipment Description Code C ID 2/2

N712 307 Equipment Owner Code C ID 1/4

N713 319 Temperature Control O AN 3/6
Free-form abbreviation of temperature range or flash-
point temperature.

Temperature Control
[248 024 H

Use to specify temperature setting
for reefer shipments.

N714 219 Position O AN 1/3

N715 567 Equipment Length O NO 4/5
Length (in feet and inches) of equipment ordered or
used to transport shipment. (The format is FFFII
where FFF is feet and II is inches. The range for II
is 00 through 11.)

Length Capacity Primary
Equipment Furnished
[253 024 M

Equipment length in FFFII format.

N716 571 Tare Qualifier Code C ID 1/1

N717 188 Weight Unit Qualifier C ID 1/1

N718 761 Equipment Number Check Digit O NO 1/1

Type of Equipment Furnished
[267 024 ZA

Use codes in appendix 10.F. Re-
quest new data element for N7
and N5 segment.

N719	56	Type of Service Code	O ID	2/2
N720	65	Height	O R	1/8
N721	189	Width	O R	1/8
N722	24	Equipment Type	O ID	4/4
		Code identifying equipment type		

Segment: NA Cross-Reference Equipment

Level: A

Sequence: 335

Usage: O

Max Use: 30

Loop:

Purpose: To cross-reference additional equipment to a primary piece of equipment.

Comment: A. NA03 will contain the equipment initial of an associated shipment and is required by Rail. If unknown, use NONZ for van or NONU for container.

B. NA04 will contain the equipment number of an associated shipment

Syntax Notes: 01 If NA01 is present, then NA02 is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
NA01	128	Reference Number Qualifier	O ID 2/2
NA02	127	Reference Number	C AN 1/30
NA03	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number.	M AN 1/4
NA04	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred).	M AN 1/10

Secondary Equipment
Numbers
[247 024 F

Secondary Equipment Initials
[246 024 E

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.

Cross Reference Type Code
[266 024 Z

NA05 231 Cross Reference Type Code O ID 1/1
Code defining relationship of equipment to equipment cross-referenced.

Code Definition

A Additional Equipment for Manifest Billing
L Lead Car

NA06 219 Position O AN 1/3

NA07 307 Equipment Owner Code O ID 1/4

NA08 567 Equipment Length O NO 4/5

Segment: M7 Seal Numbers
Level: A
Sequence: 340
Usage: O
Max Use: 5
Loop:
Purpose: To record seal numbers used and the organization that applied the seals.
Comment: A. M705 indicates the name of the organization who applied the seal(s)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M701	225	Seal Number Unique number on seal used to close a shipment.	M AN 2/15
M702	225	Seal Number	O AN 2/15
M703	225	Seal Number	O AN 2/15
M704	225	Seal Number	O AN 2/15
M705	98	Entity Identifier Code Code identifying an organizational entity or a physical location.	O ID 2/2

Seal Numbers [249 024 I

Additional seal numbers should be carried in M702, 03, and 04.

Seal Numbers Applied By Qualifier [250 024 J

If seal numbers are applied to the shipment, this qualifier must appear.

Code	Definition
CA	Carrier
SH	Shipper

Segment: N5 Equipment Ordered

Level: A

Sequence: 350

Usage: O

Max Use: 1

Loop:

Purpose: To specify carrier equipment.

Comment: A. N506 is expressed in inches.

Syntax Notes: 01 If either N507 or N508 is present, then
the other is required. N701 is mandatory
for rail transactions.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N501	567	Equipment Length Length (in feet and inches) of equipment ordered or used to transport shipment. (The format is FFFII where FFF is feet and II is inches. The range for II is 00 through 11.)	O N0 4/5
N502	233	Weight Capacity Capacity of car ordered (stated in 1000 pound units or 1000 kilogram units).	O N0 2/3
N503	203	Cubic Capacity Capacity of car ordered (cubic feet unless otherwise specified).	O N0 2/4

Length Capacity Primary
Equipment Ordered
[251 024 K

Implied decimal. Format is FFFII
where 8000 is 80 ft.

Weight Capacity Primary
Equipment Ordered
[256 024 P

Express in 1000 lb units.

Cube Capacity Primary
Equipment Ordered
[252 024 L

In cubic feet.

Type Of Equipment Ordered
[271 027 A

Valid equipment code lists can be found in Appendix 10.F. Left justify the MTMC type equipment code and fill to the right with the lowercase 'x' until a length of four characters is reached. This mapping is temporary until the DoD can agree with industry on a solution to equipment type identification which will meet Government requirements.

N504	301	Car Type Code	O ID 4/4
		Code maintained by AAR to identify a type of rail car and its general physical characteristics.	
N505	216	Metric Qualifier	O ID 1/1
N506	65	Height	O R 1/8
N507	643	Lading Percentage	C N2 2/4
N508	644	Lading Percent Qualifier	C ID 1/1
N509	40	Equipment Description Code	O ID 2/2

Segment: REF Reference Numbers

Level: A

Sequence: 360

Usage: 0

Max Use: 5

Loop:

Purpose: To specify identifying numbers.

Syntax Notes: 02 Either REF02 or REF03 is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
REF01	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	

Tractor Number Qualifier [248 TTS A

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 ammunition shipments.

Code Definition

EQ Equipment Number

REF02	127	Reference Number	C AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	

Tractor Number [248 TTS B

The identifying marks assigned to a power unit (tractor).

REF03	352	Description	C AN 1/80

Segment: **N1** Name

Level: **A**

Sequence: **390**

Usage: **O**

Max Use: **1**

Loop:

Purpose: To identify a party by type of organization, name and code

Comment: A. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Syntax Notes: 01 At least one of N102 or N103 must be present.
02 If either N103 or N104 is present, then the other is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N101	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity or a physical location.	

Code Definition

CA	Carrier

Code Definition

ST	Ship To

Transportation Company
Tendered To (CA) Qualifier
[012 001 B

Destination Name (ST)
Qualifier
[018 005 A

This qualifier identifies name and address information of the carrier's delivery location.

Origin Name (SF) Qualifier
[032 008 A

This qualifier identifies the name
and address information of the
carrier's pickup location.

<u>Code</u>	<u>Definition</u>
SF	Ship From

Consignee (CN) Name
Qualifier
[043 009 A

This qualifier identifies the installa-
tion transportation office respon-
sible for the shipment at the final
destination.

<u>Code</u>	<u>Definition</u>
CN	Consignee
UC	Ultimate Consignee (RAIL)

Shipper (SH) Name Qualifier
[055 011 A

This qualifier identifies the installa-
tion transportation office respon-
sible for the shipment at origin.

<u>Code</u>	<u>Definition</u>
SH	Shipper

Diversion/Reconsignment
(TT) To Qualifier
[065 011 SA

Location that shipment is
diverted/reconsigned to.

<u>Code</u>	<u>Definition</u>
TT	Transfer To

Diversion/Reconsignment
(TP) From Qualifier
[069 011 TA

Location that shipment is
diverted/reconsigned from.

<u>Code</u>	<u>Definition</u>
TP	Transfer Point

Bill Charges To (PO) Name
Qualifier
[077 013 A

Code	Definition
PO	Party to Receive Invoice For Goods or Services

Issuing Office (IU) Name
Qualifier
[282 033 B

Code	Definition
IU	Issuer +

FOB Point Qualifier
[290 033 A

N102 93 Name C AN 1/35
Free-form name.

Transportation Company
Tendered To Name (CA)
[011 001 A
Qualify in N101.

Destination Name (ST)
[019 005 B

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.

Origin Name (SF)
[033 008 B
Qualify in N101.

Consignee Name (CN)
[044 009 B
Qualify in N101.

Shipper Name (SH)
[056 011 B
Qualify in N101.

Diversion/Reconsignment
(TT) To
[066 011 SB

Carry the city name that pertains
to the SPLC. Qualify in N101.

Diversion/Reconsignment
(TP) From
[070 011 TB

Carry the city name that pertains
to the SPLC. Qualify in N101.

Bill Charges To Name (PU)
[078 013 B

Qualify in N101.

Issuing Office Name (IU)
[281 033 A

Qualify in N101.

FOB Point
[290 033 B

Carry string "FOB Point" in this
data element.

Destination DoDAAC/Cage
Qualifier
[019 005 BA

Origin DoDAAC/Cage
Qualifier
[033 008 BA

N103 66 Identification Code Qualifier C ID 1/2
Code designating the system/method of code struc-
ture used for Identification Code (67).

Code Definition

10 DoDAAC
33 Cage

Code Definition

10 DoDAAC
33 Cage

Consignee DoDAAC
Qualifier (CN)
[045 009 BA

Code	Definition
10	DoD Activity Address Code (DoDAAC)

Shipper DoDAAC/Cage
Qualifier (SH)
[057 011 BA

Code	Definition
10	DoD Activity Address Code (DoDAAC)
33	Cage Code

Bill Charges To (PO)
Identification Code Qualifier
[079 013 C

Request new X12 code to identify
'Disbursement Station Symbol
Number'.

Code	Definition
10	DoDAAC
ZZ	Disbursing Station Symbol Code

N104 67 Identification Code C ID 2/17
Code identifying a party.

Destination DoDAAC/Cage
[019 005 BB
Qualify in N103.

Origin DoDAAC/Cage
[033 008 BB

Consignee DoDAAC (CN)
[046 009 BC
Qualify in N103.

Shipper DoDAAC (SH)
[058 011 BB
Qualify in N103.

Bill Charges To (PO)
Identification Code
[080 013 D
Qualify in N103.

Segment: N2 Additional Name Information
Level: A
Sequence: 400
Usage: O
Max Use: 2
Loop:

Purpose: To specify additional names or those longer
than 35 characters in length

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N201	93	Name Free-form name.	M AN 1/35
N202	93	Name	O AN 1/35

Additional Name (ST)
[020 005 C

Additional Name (SF)
[034 008 C

Additional Name (CN)
[047 009 C

Additional Name (SH)
[059 011 C

Additional Name (PO)
[081 013 E

Additional Name (IU)
[283 033 C

Segment: N3 Address Information
Level: A
Sequence: 410
Usage: O
Max Use: 2
Loop:
Purpose: To specify the location of the named party

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
N301	166	Address Information Address information	M AN 1/35
N302	166	Address Information	O AN 1/35

Street (ST)
[021 005 D

Street (SF)
[035 008 D

Street (CN)
[048 009 D

Street (SH)
[060 011 D

Street (PO)
[082 013 F

Street (IU)
[284 033 D

Segment: N4 Geographic Location

Level: A

Sequence: 420

Usage: O

Max Use: 1

Loop:

Purpose: To specify the geographic place of the named party

Comment: A. A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.
B. N402 is required only if city name (N401) is in the USA or Canada.

Syntax Notes: 01 At least one of N401 or N405 must be present.
02 If N401 is present, then N402 is required.
03 If either N405 or N406 is present, then the other is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	City Name Free-form text for city name.	C AN 2/19

City (ST)
[022 005 E

City (SF)
[036 008 E

City (CN)
[049 009 E

City (SH)
[061 011 E

City (PO)
[083 013 G

City (IU)
[285 033 E

FOB Point (City) Named In
Contract
[290 033 J

N402 156 State or Province Code C ID 2/2

State Code (ST)
[024 005 H

State (SF)
[037 008 F

Also used for province if shipment
is Canadian.

State (CN)
[050 009 F

Also used for province if shipment
is Canadian.

State (SH)
[062 011 F

Used for province if shipment is
Canadian.

State (PO)
[084 013 H

State (IU)
[286 033 F

FOB Point (State) Named In
Contract
[291 033 K

Zip Code (ST)
[023 005 F

Zip Code (SF)
[038 008 G

Zip Code (CN)
[051 009 G

Zip Code (SH)
[063 011 G

Zip Code (PO)
[085 013 I

Code (Standard State/Province) defined by appropriate governmental agencies.

N403 116 Postal Code O ID 4/9
Code defining international postal zone code excluding punctuation and blanks (zip code for United States).

Zip Code (IU)
[287 033 G

Country Code (SF)
[039 008 H

Country Code (CN)
[052 009 H

Country Code (SH)
[064 011 H

Destination SPLC (ST)
Qualifier
[028 006 A

Shipping Point SPLC (SF)
Qualifier
[030 007 A

Consignee (CN) GBLOC
Qualifier
[053 010 A

If consignee GBLOC is used, this
qualifier must appear. Request
new X12 code.

Diversion/Reconsignment
(TT) To SPLC Qualifier
[067 011 SC

Diversion/Reconsignment
(TP) From SPLC Qualifier
[071 011 TC

N404 26 Country Code O ID 2/2
Code identifying the country.

N405 309 Location Qualifier O ID 1/2
Code identifying type of location.

<u>Code</u>	<u>Definition</u>
SL	U.S. SPLC +

<u>Code</u>	<u>Definition</u>
SL	U.S. SPLC

<u>Code</u>	<u>Definition</u>
BL	Government Bill of Lading Office Code (GBLOC)

<u>Code</u>	<u>Definition</u>
SL	U.S. SPLC

<u>Code</u>	<u>Definition</u>
SL	U.S. SPLC

Issuing Office (IU) GBLOC
Qualifier
[289 033 I

Request new X12 code.

FOB SPLC Qualifier
[291 033 L

Destination SPLC (ST)
[029 006 B

Qualify in N405.

Shipping Point SPLC (SF)
[031 007 B

Qualify in N405.

Consignee (CN) GBLOC
[054 010 B

Qualify in N405.

Diversion/Reconsignment
(TT) To SPLC
[068 011 SD

Qualify in N405.

Diversion/Reconsignment
(TP) From SPLC
[072 011 TD

Qualify in N405

Issuing Office (IU) GBLOC
[288 033 H

Qualify in N403.

Code Definition

BL Government Bill of Lading Office Code (GBLOC)

Code Definition

SL Standard Point Location Code (SPLC)

N406 310 Location Identifier C AN 1/25
Code which identifies a specific location.

FOB SPLC
[291 033 M

Segment: PER Administrative Communications
Contact

Level: A

Sequence: 440

Usage: O

Max Use: 3

Loop:

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes: 01 If PER03 is present, then PER04 is required. When PID01 is "F", PID04 is not used.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes

PER01	366	Contact Function Code	M ID 2/2

Code identifying the major duty or responsibility of the person or group named.

Transportation Company
Dispatcher Contact Qualifier
[013 TTS A

Code Definition

EM	Emergency Contact

Destination (ST) Contact
Qualifier
[027 TTS A

Code Definition

EM	Emergency Contact

Origin (SF) Contact Qualifier
[039 TTS A

Code Definition

EM	Emergency Contact

Name Of Issuing Officer
Qualifier
[293 033 N

Code Definition

IO	Issuing Officer

PER02	93	Name	O AN 1/35

Name Of Issuing Officer
[292 033 M

Qualify in PER01.

Transportation Company
Dispatcher Telephone
Number Qualifier
[013 TTS B

Destination (ST) Phone
Number Qualifier
[027 TTS B

Origin (SF) Phone Number
Qualifier
[039 TTS B

Transportation Company
Dispatcher Telephone
Number
[013 TTS C

Destination (ST) Contact
Phone Number
[027 TTS C

Both commercial and AUTOVON
numbers are required for ammuni-
tion shipments.

Free-form name.

PER03 365 Communication Number Qualifier O ID 2/2
Code identifying the type of communication number.

Code	Definition
TE	Telephone

Code	Definition
AU	Autovon
TE	Telephone

Code	Definition
AU	Autovon
TE	Telephone

PER04 364 Communication Number C AN 7/21
Complete communications number including country
or area code when applicable.

Origin (SF) Contact Phone
Number
I039 TTS C

Both commercial and AUTOVON
phone numbers are needed for am-
munition shipments.

Segment: S5 Stop Off Details**Level:** A**Sequence:** 450**Usage:** O**Max Use:** 1**Loop:****Purpose:** To specify stop-off details in terms of weight, quantity and volume.**Comment:** A. S509 = stop reason description.**Syntax Notes:** 01 If either S503 or S504 is present, then the other is required.
02 If either S505 or S506 is present, then the other is required.
03 If either S507 or S508 is present, then the other is required.**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
S501	165	Stop Sequence Number	M N0 1/2
		Identifying number for the specific stop and the sequence in which the stop is to be performed.	
S502	163	Stop Reason Code	M ID 2/2
		Code specifying the reason for the stop.	
		<u>Code</u>	<u>Definition</u>
		LD	Load
		UL	Unload
S503	81	Weight	O R 1/8

Stop Off Sequence Number
[224 023 B]

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.

Stop Off Reason Code
[223 023 A]

Stop Off SPLC Code
[226 023 C

Stop Off Accomplish Code
[225 023 BA

S504	188	Weight Unit Qualifier	C	ID	1/1
S505	382	Number of Units Shipped	O	R	1/10
S506	355	Unit of Measurement Code	C	ID	2/2
S507	183	Volume	O	R	1/8
S508	184	Volume Unit Qualifier	C	ID	1/1
S509	352	Description	O	AN	1/80
S510	154	Standard Point Location Code	O	ID	6/9
		Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city.			
S511	190	Accomplish Code	O	ID	1/1
		Code indicating the status of a specified stop.			

<u>Code</u>	<u>Definition</u>

A	Accomplished
P	Pending

Segment: **G62** Date/Time

Level: A

Sequence: 460

Usage: O

Max Use: 6

Loop:

Purpose: To specify pertinent dates and times

Syntax Notes: 01 At least one of G6201 or G6203 must be present.

02 If either G6201 or G6202 is present, then the other is required.

04 If either G6203 or G6204 is present, then the other is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes

G6201	432	Date Qualifier	C ID 2/2

Code specifying type of date.

Code Definition

69	Scheduled Pickup Date
70	Scheduled Delivery Date

G6202	373	Date	C DT 6/6

Date (YYMMDD).

G6203	176	Time Qualifier	C ID 1/1

Code specifying the reported time.

Code Definition

8	Actual Pickup Time
9	Actual Delivery Time
A	Actual Departure Time

G6204	337	Time	C TM 4/4

Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).

Stop Off Date(s) Qualifier
[236 023 N

Stop Off Date(s)
[235 023 M

Scheduled date on which stop off
will occur. Qualify in G6201.

Stop Off Arrival/Departure
Times Qualifier
[238 023 P

Stop Off Arrival/Departure
Times
[237 023 O

Scheduled time at which stop off
will occur. Qualify in G6203.

G6205 623 Time Code

O ID 2/2

Segment: N1 Name
Level: A
Sequence: 490
Usage: O
Max Use: 1
Loop:

Purpose: To identify a party by type of organization, name and code

Comment: A. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Syntax Notes: 01 At least one of N102 or N103 must be present.
02 If either N103 or N104 is present, then the other is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N101	98	Entity Identifier Code Code identifying an organizational entity or a physical location.	M ID 2/2
		<u>Code</u> <u>Definition</u>	
		LP Loading Party	
		UP Unloading Party	
N102	93	Name Free-form name.	C AN 1/35
N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67).	C ID 1/2

Stop Off Name Of Party To
Receive Shipment Qualifier
[227 023 D

Stop Off Name Of Party To
Receive Shipment
[228 023 E
Qualify in N101.

Stop Off DoDAAC Qualifier
[228 023 D1

<u>Code</u>	<u>Definition</u>

10	DoD Activity Address Code (DoDAAC)

N104	67	Identification Code	C	ID	2/17
Code identifying a party.					

Stop Off DoDAAC
[228 023 D2

Segment: N2 Additional Name Information

Level: A

Sequence: 500

Usage: O

Max Use: 2

Loop:

Purpose: To specify additional names or those longer
than 35 characters in length

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N201	93	Name Free-form name.	M AN 1/35
N202	93	Name	O AN 1/35

Additional Name (IC)
[229 023 F

Segment: N3 Address Information
Level: A
Sequence: 510
Usage: O
Max Use: 2
Loop:
Purpose: To specify the location of the named party

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N301	166	Address Information Address information	M AN 1/35
N302	166	Address Information	O AN 1/35

Street (IC)
[230 023 G

Segment: N4 Geographic Location

Level: A

Sequence: 520

Usage: O

Max Use: 1

Loop:

Purpose: To specify the geographic place of the named party

Comment: A. A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.
B. N402 is required only if city name (N401) is in the USA or Canada.

Syntax Notes: 01 At least one of N401 or N405 must be present.
02 If N401 is present, then N402 is required.
03 If either N405 or N406 is present, then the other is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	City Name Free-form text for city name.	C AN 2/19
N402	156	State or Province Code Code (Standard State/Province) defined by appropriate governmental agencies.	C ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	O ID 4/9
N404	26	Country Code Code identifying the country.	O ID 2/2

City (IC)
[231 023 H

State (IC)
[232 023 I

Also use for province if shipment is Canadian.

Zip Code (IC)
[233 023 J

Country Code
[234 023 K

N405 309 Location Qualifier

O ID 1/2

N406 310 Location Identifier

C AN 1/25

Segment: PER Administrative Communications
Contact

Level: A
Sequence: 540
Usage: O
Max Use: 3
Loop:

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes: 01 If PER03 is present, then PER04 is required. When PID01 is "F", PID04 is not used.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PER01	366	Contact Function Code	M ID 2/2
Code identifying the major duty or responsibility of the person or group named.			

Stop Off Communications
Qualifier
[241 023 S

If stop off communications contact is used, this qualifier must appear.

Code	Definition
IC	Information Contact

PER02	93	Name	O AN 1/35

PER03	365	Communication Number Qualifier	O ID 2/2
Code identifying the type of communication number.			

Stop Off Communications
Contact Qualifier
[240 023 R

If stop off communications contact is used, this qualifier must appear.

Code	Definition
IT	International Telephone
TE	Telephone

PER04	364	Communication Number	C AN 7/21

Stop Off Communications
Contact
(239 023 Q

Qualify in PER01 and 03.

Complete communications number including country
or area code when applicable.

Segment: LX Assigned Number
Level: B
Sequence: 10
Usage: M
Max Use: 1
Loop:
Purpose: To reference a line number in a transaction set.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LX01	554	Assigned Number	M NO 1/6

Number assigned for differentiation within a transaction set.

400 Detail - Commodity Classification Summary Loop [102 015 R

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)

Code	Definition
400	Commodity Classification Summary Loop

100 Detail - Line Item Description Loop [119 016

A shipment unit is identified by a single Transportation Control Number (TCN). Each commodity description cites the TCN it is grouped under. A shipment unit may cite multiple commodities.

Data group 100, commodity header information, describes one commodity (NMFC, UFC, DoD unique). An LX 100 loop is generated for each 100 data group. The commodity detail information, data group 120, describes the type pack information in the L0 loop. There can be multiple type packs per line item. (Loop 100)

Code	Definition
100	Line Item Description Loop

300 Detail -
Accessorial/Protective
Services Loop
[178 018 CA]

This segment begins the Accessorial and Protective service loop. See appendix 10.C for looping logic and examples. See appendix 10.F for code lists. (Loop 300)

<u>Code</u>	<u>Definition</u>
300	Accessorial/Protective Service Description Loop

301 Detail - Fuel Surcharge
Loop
[191 018 FA]

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)

<u>Code</u>	<u>Definition</u>
301	Fuel Surcharge Loop

200 Detail - Weights
Description Loop
[195 018 L]

This segment begins the loop used to describe weights that apply to the entire shipment. (Loop 200)

<u>Code</u>	<u>Definition</u>
200	Weight Description Loop

500 Detail - ITO Quality
Management Info Loop
Qualifier
[276 032 A]

This segment begins the loop used to carry Installation Transportation Office quality management information. (Loop 500)

<u>Code</u>	<u>Definition</u>
500	ITO Quality Management Info Loop

Segment: N7 Equipment Details

Level: B

Sequence: 20

Usage: O

Max Use: 1

Loop:

Purpose: To identify the equipment.

Comment: A. N701 is mandatory for rail transactions.

B. N720 and N721 are expressed in inches.

Syntax Notes: 01 If N703 is present, then N704 is required.

02 If either N705 or N716 is present, then the other is required.

03 If either N708 or N709 is present, then the other is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N701	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number.	C AN 1/4
N702	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred).	M AN 1/10

Primary Equipment Initials
(line item)
[244 024 C

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.

Primary Equipment Numbers
(line item)
[245 024 D

This data element satisfies intransit visibility requirements for multi-equipment shipments. It describes numbers on the furnished primary equipment in/on which the commodity is conveyed.

N703	81	Weight	C	R	1/8
N704	187	Weight Qualifier	C	ID	1/2
N705	167	Tare Weight	C	N0	3/8
N706	232	Weight Allowance	C	N0	2/6
N707	205	Dunnage	C	N0	1/6
N708	183	Volume	O	R	1/8
N709	184	Volume Unit Qualifier	C	ID	1/1
N710	102	Ownership Code	O	ID	1/1
N711	40	Equipment Description Code	C	ID	2/2
N712	307	Equipment Owner Code	C	ID	1/4
N713	319	Temperature Control	O	AN	3/6
N714	219	Position	O	AN	1/3
N715	567	Equipment Length	O	N0	4/5
N716	571	Tare Qualifier Code	C	ID	1/1
N717	188	Weight Unit Qualifier	C	ID	1/1
N718	761	Equipment Number Check Digit	O	N0	1/1
N719	56	Type of Service Code	O	ID	2/2
N720	65	Height	O	R	1/8
N721	189	Width	O	R	1/8

N722 24 Equipment Type

O ID 4/4

Segment: NA Cross-Reference Equipment

Level: B

Sequence: 30

Usage: O

Max Use: 1

Loop:

Purpose: To cross-reference additional equipment to a primary piece of equipment.

Comment: A. NA03 will contain the equipment initial of an associated shipment and is required by Rail. If unknown, use NONZ for van or NONU for container.

B. NA04 will contain the equipment number of an associated shipment

Syntax Notes: 01 If NA01 is present, then NA02 is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
NA01	128	Reference Number Qualifier	O ID 2/2
Code qualifying the Reference Number.			

Vehicle Identification
Number Qualifier
[156 018 A

Shipper owned vehicle include
cars, jeeps, tanks, and trucks.

Code Definition

VT Motor Vehicle ID Number

NA02	127	Reference Number	C AN 1/30
Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.			

Vehicle Identification Number
[156 018 B

Use VIN and DoD vehicle bumper
number to describe the vehicles
being moved. See appendix D for
detailed description of how
primary, secondary, and shipper
owned equipment is mapped to
the 858. (Loop 100)

NA03	206	Equipment Initial	M AN 1/4

Vehicle Initials (Filler)
[156 018 C

Shipper Equipment Numbers
[247 TTS A

Shipper equipment is that equipment/vehicle which is supplied/owned by the shipper. This includes DROMs and containers. Shipper owned vehicles, like trucks, jeeps, and tanks, are identified using the VC segment. See index [156 018 AAA] for mapping of vehicles information.

Vehicle Bumper Number
[156 018 D

Shipper Equipment Initials
[247 TTS B

Use "DODV" for any DoD van and container. Use "DROM" for dromedary equipment.

Prefix or alphabetic part of an equipment unit's identifying number.

Code	Definition

NONX	Vehicle

NA04	207	Equipment Number	M	AN	1/10
Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred).					

NA05	231	Cross Reference Type Code	O	ID	1/1

NA06	219	Position	O	AN	1/3

NA07	307	Equipment Owner Code	O	ID	1/4

NA08	567	Equipment Length	O	N0	4/5

Segment: M7 Seal Numbers
Level: B
Sequence: 40
Usage: O
Max Use: 5
Loop:
Purpose: To record seal numbers used and the organization that applied the seals.
Comment: A. M705 indicates the name of the organization who applied the seal(s)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M701	225	Seal Number	M AN 2/15
		Unique number on seal used to close a shipment.	
M702	225	Seal Number	O AN 2/15
M703	225	Seal Number	O AN 2/15
M704	225	Seal Number	O AN 2/15
M705	98	Entity Identifier Code	O ID 2/2

Seals On Shipper Owned Equipment [247 TTS C

Used to describe seal applied to equipment (Containers, DROMs) owned by the shipper.

Segment: L7 Tariff Reference
Level: B
Sequence: 90
Usage: O
Max Use: 10
Loop:
Purpose: To reference details of the tariff used to arrive at applicable rates or charge
Comment: A. "City" and "State" in L715 and L716 are used for rate combination city and state.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
L701	213	Lading Line Item Number	O N0 1/3
L702	168	Tariff Agency Code Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment.	O ID 1/4
L703	171	Tariff Number Standard tariff number for the tariff which governs the rates applied to the commodity item(s).	O AN 1/7
L704	172	Tariff Section	O AN 1/2
L705	169	Tariff Item Number	O AN 1/16
L706	170	Tariff Item Part	O N0 1/2
L707	59	Freight Class Code	O ID 2/5

Tariff/Tender Rate Authority
(SCAC)
[103 015 RA

The Standard Carrier Alpha Code
that prefixes the tender number.
(Loop 400)

Tariff/Tender Number
[104 015 RB
(Loop 400)

Tariff/Tender Supplement
Number
(104 015 RD)

Tariff/Tender Effective Date
(105 015 RC
(Loop 400)

L708	173	Tariff Supplement Identifier	O AN 1/4
		Identifier for the tariff supplement which contains the rate used.	
L709	46	Ex Parte	O AN 4/4
L710	37	Effective Date	O DT 6/6
		Date that the rates or data applied to a shipment or pattern are in effect.	
L711	119	Rate Basis Number	O AN 1/6
L712	227	Tariff Column	O AN 1/2
L713	294	Tariff Distance	O N0 1/5
L714	295	Distance Qualifier	O ID 1/1
L715	19	City Name	O AN 2/19
L716	156	State or Province Code	O ID 2/2

Segment: N9 Reference Number
Level: B
Sequence: 100
Usage: O
Max Use: 10
Loop:

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Syntax Notes: 01 At least one of N902 or N903 must be present. At least one of N1001 or N1002 must be present.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N901	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	

Requisition Number Qualifier
[154 015 A

Code	Definition
RQ	Purchase Requisition Number

TCN Qualifier
[154 018 AA

If TCN is used, this qualifier must appear. (Loop 100)

Code	Definition
TG	Transportation Control Number (TCN)

National Stock Number
(NSN) Qualifier
[157 018 AAB

If NSN is used, this qualifier must appear. (Loop 100)

Code	Definition
NS	National Stock Number

Project Code Qualifier
[159 018 AC

If project code is used, this
qualifier must appear. (Loop 100)

Transportation Account
Code (TAC) Qualifier
[161 018 AE

If TAC is used, this qualifier must
appear. (Loop 100)

Stop Off Sequence Number
Cross-Reference Qualifier
[163 018 AG

Security Risk Number
Qualifier
[164 018 AHA

Service Performed Date
Qualifier
[187 018 CH
(Loop 300)

Code Definition

P4 Project Code

Code Definition

TH Transportation Account Code (TAC)

Code Definition

QN Stop Sequence Number

Code Definition

M6 Military Ordnance Security Risk Number *

Code Definition

A5 Accessorial Status Code *

Reason (Not Lowest Cost)
Qualifier
[278 032 B

New X12 code will be requested.
Use 'ZZ' while code request is
pending. If not lowest cost is
used, this qualifier must appear.
(Loop 500)

Code	Definition
ZZ	Mutually Defined

Requisition Number
[154 015 B

The requisition number which cor-
responds to the line item is carried
in this data element.

TCN - Transportation Control
Number
[155 018 AB

Every line item (LX 100 loop)
should identify the TCN it is as-
sociated with. Qualify in N901.
(Loop 100)

National Stock Number (NSN)
[158 018 AAC

Qualify in N901. (Loop 100)

Project Code
[160 018 AD

Qualify in N901. (Loop 100)

Transportation Account
Code (TAC)
[162 018 AF

Qualify in N901. (Loop 100)

N902 127 Reference Number C AN 1/30
Reference number or identification number as
defined for a particular Transaction Set, or as
specified by the Reference Number Qualifier.

**Stop Off Sequence Number
Cross-Reference
[164 018 AH]**

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)

**Security Risk Number
[164 018 AHB]**

Code source: Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives (DoD 5100.76-M Change 3-Reprint November 1987). Available from: see X12 CODE SOURCE No. 260.

Code	Definition
1	SRC-1 Highest Sensitivity
2	SRC-2 High Sensitivity
3	SRC-3 Moderate Sensitivity
4	SRC-4 Low Sensitivity
5	SRC-5 Highest Sensitivity
6	SRC-6 Highest Sensitivity
7	SRC-7 Moderate Sensitivity
8	SRC-8 High Sensitivity
C	Confidential
S	Secret
U	Uncontrolled/Unclassified

**Service Performed Identifier
[188 018 CI]**

Qualify in N901. (Loop 300)

Code	Definition
DP	Date Service Was Performed

**Reason (Not Lowest Cost)
[277 032 A]**

Qualify in N901. See Appendix 10.F for list of valid codes. (Loop 500)

N903	369	Free-form Description	C	AN	1/45
N904	373	Date	O	DT	6/6

Service Performed Date
[189 018 CJ

The date the additional service
was performed. Use YYMMDD for-
mat. Qualify in N901 and N902.
(Loop 300)

Date (YYMMDD).

N905 337 Time

O TM 4/4

Segment: L5 Description, Marks and Numbers
Level: B
Sequence: 130
Usage: O
Max Use: 10
Loop:

Purpose: To specify the line item in terms of description, quantity, packaging, and marks and numbers.

Comment: A. L503 and L504 are "Paired" data elements. If one is used, both must be used except for rail transaction sets where STCC is understood.

Syntax Notes: 01 If either L503 or L504 is present, then the other is required.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
L501	213	Lading Line Item Number	O N0 1/3
L502	79	Lading Description Description of an item as required for rating and billing purposes.	C AN 1/50
L503	22	Commodity Code Code describing a commodity or group of commodities.	C ID 1/16

Commodity Description
[108 015 SD
(Loop 400)

Description Of Articles
[165 018 AI

Free form. RECOMMENDED FOR
DOD DELETION (classification item
number provides description).
(Loop 100)

Commodity Code
[107 015 SC

If the shipment goes FAK, enter
the DoD unique FAK code instead
of the NMFC/UFC. Qualify in
L504. (Loop 400)

Classification Item No.
(Commodity Code)
[167 018 AK

Qualify in L504. (Loop 100)

Commodity Code Qualifier
[106 015 SB
(Loop 400)

Classification Item No.
(Commodity Code) Qualifier
[166 018 AJ
(Loop 100)

L504 23 Commodity Code Qualifier C ID 1/1
Code identifying the commodity coding system used
for Commodity Code.

Code	Definition
C	Canadian Freight Classification
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)

Code	Definition
C	Canadian Freight Classification
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)

L505 103 Packaging Code O ID 5/5

Number On Packages
[16, 018 AL
Use to show descriptive marks
and numbers on freight. (Loop 100)

L506 87 Marks and Numbers O AN 1/45
Marks and numbers used to identify a shipment or
parts of a shipment.

L507 88 Marks and Numbers Qualifier O ID 1/2

Segment: L0 Line Item - Quantity and Weight
Level: B
Sequence: 140
Usage: O
Max Use: 1
Loop:

Purpose: To specify quantity, weight, volume and type of service for a line item including applicable "quantity/rate-as" data.

Syntax Notes: 02 If either L002 or L003 is present, then the other is required.
04 If either L004, L005 or L011 is present, the others are required.
06 If either L006 or L007 is present, then the other is required.
08 If either L008 or L009 is present, the other is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
L001	213	Lading Line Item Number	O N0 1/3
Sequential line number for a lading item.			

Service Loop Identifier
[179 018 CA
(Loop 300)

Code	Definition
300	Accessorial/Protective Services Loop

Fuel Surcharge Loop
Identifier
[192 018 FB

If loop 301 Detail is used, this
qualifier must appear. (Loop 301)

Code	Definition
301	Fuel Surcharge Loop

Item Qualifier
[279 032 C]

If loop 500 Detail is used, this
qualifier must appear. (Loop 500)

Code Definition

500 ITC Quality Management Info Loop

Commodity Billed/Rated
Quantity
[110 015 SF]

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. 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. 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 wt = net wt - skid wt - pallet wt - dunnage wt. 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. (Loop 400)

L002 220 Billed/Rated-as Quantity C R 1/11

Basis for rating (miles, value, volume, etc.). Note:
Weight may be defined by either data element 220
or 81.

Billed/Rated Quantity
[123 016 D

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 wt = net wt - skid wt - pallet wt - dunnage wt. The L004, L005, and L011 elements are not used. 2) If the 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 weight information if required. See appendix 10.D for looping logic of data group 120. (Loop 100)

Service Units
[180 018 CB

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.

Commodity Billed/Rated
Quantity Qualifier
[109 015 SE

See appendix 10.F for code list.
(Loop 400)

L003 221 Billed/Rated-as Qualifier C ID 2/2
Code identifying the type of quantity or value on which the rate or item pricing is based.

Billed/Rated Quantity
Qualifier
[122 016 C

See appendix 10.F for code list.
(Loop 100)

Service Units Qualifier
[181 018 CC

See appendix 10.F for code list.
(Loop 300)

Commodity Weight Quantity
[117 015 SK

If the commodity freight weight
has not been expressed as com-
modity billed/rated quantity in
L002, then it can be expressed
here. Freight wt = net wt - skid
wt - pallet wt - dunnage wt.
(Loop 400)

Freight Weight
[172 018 ANN

Freight weight of line item
described in pounds only. Freight
Wt = Net Wt - Skid Wt - Pallet
Wt - Dunnage Wt. Pallet, skid,
and dunnage weights are carried
in separate MEA segments. See
index [174 018 PM] for the
weight breakdown for packing
materials. (Loop 100)

Shipment Gross Weight
[196 018 LA

Qualify in L005 and L011. The
total weight for the shipment.
This weight includes the shipment
net weight plus the tare weight.
(Loop 200)

L004 81 Weight C R 1/8
Numeric value of weight.

Shipment Tare Weight
[199 018 LD

Qualify in L005 and L011. The actual tare weight of the shipment. Tare weight is the weight of the truck or container. (Loop 200)

Shipment Net Weight
[202 018 LG

Qualify in L005 and L011. The net weight of the shipment. Net weight = freight weight + skid weight + pallet weight + dunnage weight. (Loop 200)

Shipment Net Explosive
Weight
[205 018 LS

Qualify in L005 and L011. (Loop 200)

Shipment Dunnage Weight
[208 018 LV

Qualify in L005 and L011. (Loop 200)

Shipment Pallet Weight
[211 018 LY

Qualify in L005 and L011. (Loop 200)

Shipment Skid Weight
[213 018 SA

Qualify in L005 and L011. (Loop 200)

Shipment Freight Weight
[213 018 TA

Qualify in L005 and L011. The freight weight of a shipment is defined as: Freight Wt = Net Wt - Skid Wt - Pallet Wt - Dunnage Wt. The freight weight for all commodities should be accumulated and carried in the data element.
(Loop 200)

Commodity Weight Qualifier
[116 015 SJ

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)

Freight Weight Qualifier
[171 018 AM
(Loop 100)

Shipment Gross Weight
Qualifier
[197 018 LB

Qualify in L005 and L011. (Loop 200)

L005 187 Weight Qualifier C ID 1/2
Code defining the type of weight.

Code	Definition
FR	Freight Weight *

Code	Definition
FR	Freight Weight

Code	Definition
G	Gross Weight

Shipment Tare Weight
Qualifier
[200 018 LE

(Loop 200)

Code Definition

T Tare

Shipment Net Weight
Qualifier
[203 018 LH

(Loop 200)

Code Definition

N Net Weight

Shipment Net Explosive
Weight Qualifier
[206 018 LT

Request new X12 code. (Loop
200)

Code Definition

NX Net Explosive Weight (NEW) *

Shipment Dunnage Weight
Qualifier
[209 018 LW

(Loop 200)

Code Definition

R Per Unit Dunnage

Shipment Pallet Weight
Qualifier
[212 018 LZ

Request new X12 code. (Loop
200)

Code Definition

PL Pallet Weight *

Shipment Skid Weight
Qualifier
[213 018 SB

Request new X12 code. (Loop
200)

Code Definition

SK Skid Weight

Shipment Freight Weight
Qualifier
[213 018 TB

Request a new X12 code. (Loop
200)

Code Definition

FR Freight Weight *

L006 183 Volume C R 1/8
Value of volumetric measure.

Cube
[174 018 AP

Qualify in L007. Cube of line
item. (Loop 100)

L007 184 Volume Unit Qualifier C ID 1/1
Code identifying the volume unit.

Cube Qualifier
[173 018 AO
(Loop 100)

Code Definition

E Cubic Feet
G Gallons
H Hundreds of Measurement Tons
S Measurement Ton
V Liter
X Cubic Meters

L008 80 Lading Quantity C NO 1/7
Number of units (pieces) of the lading commodity.

Packages (Number Of -
Lading Quantity)
[121 016 B

Qualify in L009. (Loop 100)

L009 211 Lading Quantity Qualifier C ID 3/3

Packages (Number - Lading
Quantity) Qualifier
[120 016 A

See appendix 10.F for code list.
(Loop 100)

Packages Sub Qualifier
[120 016 AA

This code is used to identify
specific MSCVAN, CONEX, MIL-
VAN, and SEAVAN configurations.
See appendix 10.F for code list.

Commodity Weight Unit
Qualifier
[118 015 SL

(Loop 400)

Freight Weight Unit Qualifier
[172 018 AN

(Loop 100)

Shipment Gross Weight Unit
Qualifier
[198 018 LC

(Loop 200)

Code for the packaging form of the lading quantity.
Use codes from part 1 of Data Element 103.

L010 458 Dunnage Description O AN 2/25
Material used to protect lading.

L011 188 Weight Unit Qualifier C ID 1/1
Code specifying the weight unit.

Code	Definition
L	Pounds

Code	Definition
L	Pounds

Code	Definition
L	Pounds
S	Short Ton
T	Ton

Shipment Tare Weight Unit
Qualifier
[201 018 LF
(Loop 200)

Code Definition

L Pounds
S Short Ton
T Ton

Shipment Net Weight Unit
Qualifier
[204 018 LI
(Loop 200)

Code Definition

L Pounds
S Short Ton
T Ton

Shipment Net Explosive
Weight Unit Qualifier
[207 018 LU
(Loop 200)

Code Definition

L Pounds
S Short Ton
T Ton

Shipment Dunnage Weight
Unit Qualifier
[210 018 LX
(Loop 200)

Code Definition

L Pounds
S Short Ton
T Ton

Shipment Pallet Weight Unit
Qualifier
[213 018 LZA
(Loop 200)

Code Definition

L Pounds
S Short Ton
T Ton

Shipment Skid Weight Unit
Qualifier
[213 018 SC
(Loop 200)

<u>Code</u>	<u>Definition</u>
L	Pounds
S	Short Ton
T	Ton

Shipment Freight Weight
Unit Qualifier
[213 018 TC
(Loop 200)

<u>Code</u>	<u>Definition</u>
L	Pounds
S	Short Ton
T	Ton

L012 56 Type of Service Code O ID 2/2

Segment: L1 Rate and Charges

Level: B

Sequence: 150

Usage: O

Max Use: 20

Loop:

Purpose: To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements

Syntax Notes: 04 At least one of L104, L105, or L106 must be present.

14 If either L114 or L115 is present, the other is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
L101	213	Lading Line Item Number	O N0 1/3

L102	60	Freight Rate	O R 1/9

Rate that applies to the specific commodity.

Freight Rate
[112 015 SH

Enter freight rate applied to the shipment of the commodity. (Loop 400)

Freight Rate
[169 018 ALA

(Loop 100)

Service Rate
[182 018 CD

A decimal is required in this data.
(Loop 300)

L103	122	Rate/Value Qualifier	O ID 2/2

Code qualifying how to extend charges or interpret value.

Freight Rate Qualifier
[111 015 SG

Code conversion table for Tender
Form 364R rate codes is in Appen-
dix 10.F. (Loop 400)

Freight Rate Qualifier
[170 018 ALB

Code conversion table for Tender
Form 364R rate codes is in appen-
dix 10.F. (Loop 100)

Service Rate Qualifier
[183 018 CE

See appendix 10.F for application
of X12 codes for Accessorial Ser-
vices Loop. (Loop 300)

Freight Charge
[113 015 SI

The total line haul charge for the
specific commodity described in
L503. (Loop 400)

Service Charge
[184 018 CF

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)

Fuel Surcharge
[193 018 FC

The charge allowed for fuel sur-
charge. (Loop 301)

L104 58 Charge C N2 1/9

For a line item: freight or special charge; for the
total invoice: the total charges -- expressed in the
standard monetary denomination for the currency
specified.

Not Lowest Cost Charge
Difference
[280 032 D
(Loop 500)

L105	191	Advances	C	N2	1/9
L106	117	Prepaid Amount	C	N2	1/9
L107	120	Rate Combination Point Code	O	ID	3/9
L108	150	Special Charge Code	O	ID	3/3

Code identifying type of special charge.

Service Identifier Code
[185 018 CG

Codes from ASC X12 data element 152 for services not covered by data element 150 are being migrated to 150. Reference the code list in Appendix 10.F for the appropriate codes. (Loop 300)

Fuel Surcharge Service
Identifier
[194 018 FD
(Loop 301)

Code	Definition
405	Fuel Surcharge
BSC	Bunker Surcharge

L109	121	Rate Class Code	O	ID	1/3

Code identifying specifically designated class of goods. Note: For international air shipments, see IATA Resolution 600k.

Type Of Rate Qualifier
[113 030 A
(Loop 400)

Code	Definition
A	All other types of rates
C	Commodity or volume tariff rate
L	Class tariff rate
QUO	Section 10721 tender quotation rate
Y	Exception rating
Z	Not identifiable

Service Description
[186 018 CH]

Some accessorial services like split-pickup and delivery require a Standard Point Location Code to describe where the service was performed. This information is required to determine the charge for the service. See appendix 10.F for the application of this data element. (Loop 300)

Declared Value
[115 018 AR]

Required for proper application of rates for certain commodities. (Loop 400)

Declared Value Rate Qualifier
[114 018 AQ]

(Loop 400)

L110	39	Entitlement Code	O	ID	1/1										
L111	16	Charge Method of Payment	O	ID	1/1										
L112	276	Special Charge Description	O	AN	2/25										
Identification of special charge. This data element is used whenever an applicable code cannot be found in data element 150.															
L113	257	Tariff Application Code	O	ID	1/1										
L114	74	Declared Value	C	N2	2/10										
Monetary assigned value expressed in the standard monetary denomination for the currency specified.															
L115	122	Rate/Value Qualifier	C	ID	2/2										
Code qualifying how to extend charges or interpret value.															
<table><tr><th>Code</th><th>Definition</th></tr><tr><td>LA</td><td>Per Pound Per Article *</td></tr><tr><td>LB</td><td>Per Pound</td></tr><tr><td>LV</td><td>Per Pound Per Vehicle *</td></tr><tr><td>PV</td><td>Per Vehicle</td></tr></table>						Code	Definition	LA	Per Pound Per Article *	LB	Per Pound	LV	Per Pound Per Vehicle *	PV	Per Vehicle
Code	Definition														
LA	Per Pound Per Article *														
LB	Per Pound														
LV	Per Pound Per Vehicle *														
PV	Per Vehicle														
L116	372	Lading Liability Code	O	ID	1/1										

Segment: MEA Measurements

Level: B

Sequence: 160

Usage: O

Max Use: 10

Loop:

Purpose: To specify physical measurements, including dimensions, tolerances, weights and counts.

Comment: A. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Syntax Notes: 03 Either MEA03 or MEA05 or MEA06 or MEA08 is required. If either MEA03, MEA05 or MEA06 is used, MEA04 is required.
03 If either MEA03, MEA05 or MEA06 is used, MEA04 is required.
07 If MEA07 is used MEA03 is required.
08 Either MEA08 or MEA03 may be used, but not both.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code	O ID 2/2
		Code specifying the application of physical measurement cited.	

Net Explosive Weight
Qualifier
[126 017 AA
(Loop 100)

<u>Code</u>	<u>Definition</u>
NX	Net Explosive Weight

Round Count Qualifier
[129 017 AD
(Loop 100)

<u>Code</u>	<u>Definition</u>
CT	Counts

Packaging Material Qualifier
[174 018 PM]

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. Request new X12 code for dunnage dimensions. (Loop 100)

Shipped Dimensions Information Qualifier
[175 018 AR]

Packaging Material Weight Qualifier
[174 018 PN]
(Loop 100)

Shipped Dimensions Qualifier
[175 018 AS]

CFMS will calculate oversize dimensions from shipper provided information. (Loop 100)

Code Definition

DN	Dunnage Dimensions *
PA	Pallet Dimensions
SK	Skid Dimensions

Code Definition

SD	Shipped Dimensions

MEA02 738 Measurement Qualifier O ID 1/3
Code identifying the type of measurement.

Code Definition

B	Billed Weight

Code Definition

HT	Height
LN	Length
WD	Width

MEA03 739 Measurement Value C R 1/10
The value of the measurement.

Net Explosive Weight
[127 017 AB]

If NEW is available for a individual
line item, carry that weight in this
data element. Qualify in MEA01.
(Loop 100)

Round Count
[130 017 AE]

Qualify in MEA01. (Loop 100)

Packaging Material Weight
[174 018 PO]

The weight for any component of
the packaging material (e.g. Skid,
Pallet, Dunnage weights). Qualify
in MEA01 and MEA02. (Loop 100)

Shipped Dimensions Units
[176 018 AT]

Use for values of oversize dimen-
sions. Qualify in MEA02. (Loop
100)

Net Explosive Weight Unit
Of Measure
[128 017 AC]

Qualify in MEA01 and 03. (Loop
100)

Round Count Unit Of
Measure
[131 017 AF]

Qualify in MEA01 and 03. (Loop
100)

MEA04 355 Unit of Measurement Code C ID 2/2
Code identifying the basic unit of measurement.

<u>Code</u>	<u>Definition</u>
PN	Pounds Net

<u>Code</u>	<u>Definition</u>
RO	Round

Packaging Material Weight
Units
[174 018 PP
(Loop 100)

<u>Code</u>	<u>Definition</u>
PN	Pounds

Shipped Dimensions Units
Qualifier
[177 018 AU

If oversize dimensions is used,
this qualifier must appear. Qualify
in MEA02 and 03. (Loop 100)

<u>Code</u>	<u>Definition</u>
FT	Foot
IN	Inch

MEA05	740	Range Minimum	C	R	1/10
MEA06	741	Range Maximum	C	R	1/10
MEA07	935	Measurement Significance Code	O	ID	2/2
MEA08	936	Measurement Attribute Code	C	ID	2/2
MEA09	752	Surface/Layer/Position Code	O	ID	2/2

Segment: LH1 Hazardous Identification Information

Level: B

Sequence: 170

Usage: O

Max Use: 1

Loop:

Purpose: To specify the hazardous commodity identification reference number and quantity.

Comment: A. LH101 and LH102 are used to convey the number and type of packages for bulk and non-bulk movements.
B. LH106 and LH107 are used to convey the quantity or volume and unit of measure for non-bulk shipments only.
C. LH109 value of "R" requires that the receiver generate the words "Residue: Last Contained" prior to the shipping name in accordance with regulations and the words "- Residue" following all placards associated with this description.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LH101	355	Unit of Measurement Code	M ID 2/2
		Code identifying the basic unit of measurement.	

Hazmat - Unit Of Measure
Code
[118 015 Z1

If a commodity requires a HAZ-
MAT indicator ONLY, use 'ZZ' in
this data element and '0' in
LH102. (Loop 400)

Hazmat - Unit Of Measure
Code
[124 017 A1

If a line item requires a HAZMAT indicator ONLY, use 'ZZ' in this data element and '0' in LH102. If HAZMAT information is required in addition to the indicator, use the unit of measure codes described in the existing X12 standards and carry the additional information in the appropriate LH segment below. (Loop 100)

Hazmat - Lading Quantity
[118 015 Z2

Qualify in LH101. (Loop 400)

Hazmat - Lading Quantity
[125 017 A2

Qualify in LH101. (Loop 100)

Hazmat - UN/NA Id Code
[132 017 AI

(Loop 100)

Hazmat - UN Hazardous
Materials Page Number
[133 017 AJ

(Loop 100)

LH102 80 Lading Quantity M NO 1/7
Number of units (pieces) of the lading commodity.

LH103 277 UN/NA Identification Code O ID 6/6
Code identifying the hazardous material identification number as required by Title 49 of the code of Federal Regulators. UN/NA stands for United Nations/North America.

LH104 200 Hazardous Materials Page O AN 1/6
The United Nations page number as required for the international transport of hazardous materials

LH105 22 Commodity Code O ID 1/16

LH106 355 Unit of Measurement Code O ID 2/2

LH107	80	Lading Quantity	O	N0	1/7
LH108	595	Compartment ID Code	O	ID	1/1
LH109	665	Residue Indicator Code	O	ID	1/1

Segment: **LH2** Hazardous Classification Information

Level: B

Sequence: 180

Usage: O

Max Use: 2

Loop:

Purpose: To specify the hazardous classification, placard notation and endorsement information.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes

LH201	215	Hazardous Classification	M ID 2/30
The hazardous classification corresponding to the shipping name of the hazardous commodity.			

Hazmat - DOT Hazard Class
[134 017 AK]

From table at 49 CFR 172.101,
column 3. (Loop 100)

Hazmat - DOT Label
[137 017 AMA]

Use a second occurrence of the
LH02 segment to carry this information. (Loop 100)

LH202	983	Hazardous Class Qualifier	O ID 1/1

LH203	218	Hazardous Placard Notation	O ID 16/40
The hazardous placard notation corresponding to the shipping name of the hazardous commodity.			

Hazmat - Placard Notation
[135 017 AL]

Miscellaneous placard notation for
marking hazardous shipments.
(Loop 100)

LH204	222	Hazardous Endorsement	O ID 4/25
The hazardous endorsement that is to be shown on the shipping papers for the hazardous commodity.			

Hazmat - Endorsement Code
[136 017 AM

Describe endorsement code if applicable. (Loop 100)

Hazmat - Reportable Quantity
[136 017 AMS

Indicates a reportable quantity is present in the shipment.

LH205 759 Reportable Quantity Code O ID 2/2
Code to identify presence of hazardous substance.

<u>Code</u>	<u>Definition</u>
RQ	Reportable Quantity

Segment: LH3 Hazardous Material Shipping
Name

Level: B

Sequence: 190

Usage: O

Max Use: 10

Loop:

Purpose: To specify the hazardous material shipping
name and additional descriptive require-
ments.

Comment: A. LH302 is to be used to convey addition-
al hazardous information that does not
meet the definition of the other data ele-
ments of the LH segments.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LH301	224	Hazardous Material Shipping Name	O AN 1/50
		The proper shipping name of the hazardous com- modity as specified by the Code of Federal Regula- tions, Title 49.	
LH302	228	Additional Hazardous Information	O AN 1/50
		Additional hazardous material information as described in the Code of Federal Regulations, Title 49.	

Hazmat - Proper Shipping
Name
[138 017 AN

From table at 49 CFR 172.101,
column 2. (Loop 100)

Hazmat - Additional Proper
Shipping Name
[139 017 ANA
(Loop 100)

Segment: LHR Hazardous Material Identifying
Reference Numbers

Level: B

Sequence: 210

Usage: O

Max Use: 10

Loop:

Purpose: To transmit specific hazardous material reference numbers.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LHR01	128	Reference Number Qualifier	M ID 2/2

Code qualifying the Reference Number.

Hazmat - DOT Explosive
Approval Number Qualifier
[140 017 AO]

Request new X12 code if necessary. (Loop 100)

Code	Definition
HN	Hazardous Certification Number
UN	United Nations hazardous Classification Number

Hazmat - DoD Identification
Code (DoDIC) Qualifier
[142 017 AQ]

Code value should be read as
"one eye". (Loop 100)

Code	Definition
11	Department of Defense Identification Code (DoDIC)

Hazmat - Int'NI Maritime
Dangerous Goods Code
(IMDG) Qual.
[144 017 AS]

(Loop 100)

Code	Definition
IM	Intergovernmental Maritime Organization (IMO) Number

LHR02	127	Reference Number	M AN 1/30

Reference number or identification number as
defined for a particular Transaction Set, or as
specified by the Reference Number Qualifier.

Hazmat - DOT Explosive
Approval Number
[141 017 AP

Qualify in LHR01. (Loop 100)

Hazmat - DoD Identification
Code (DoDIC)
[143 017 AR

Qualify in LHR01. (Loop 100)

Hazmat - Int'NI Maritime
Dangerous Goods Code
(IMDG)
[145 017 AT

Qualify in LHR01. (Loop 100)

Segment: **LHE** Empty Equipment Hazardous
Material Information

Level: **B**

Sequence: **220**

Usage: **O**

Max Use: **1**

Loop:

Purpose: To specify the "last contained" hazardous
shipping name, placard notation and refer-
ence numbers for empty equipment.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LHE01	224	Hazardous Material Shipping Name The proper shipping name of the hazardous com- modity as specified by the Code of Federal Regula- tions, Title 49.	M AN 1/50
LHE02	218	Hazardous Placard Notation The hazardous placard notation corresponding to the shipping name of the hazardous commodity.	M ID 16/40
LHE03	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2

Hazmat - Last Contents Ship
Name
[146 017 AU

Use proper 49 CFR shipping
name. If used, LHE02, 03, and 04
must appear. (Loop 100)

Hazmat - Last Contents
Placard Notation
[147 017 AV

Describe placard notation. If used,
LH01, 03, and 04 must appear.
(Loop 100)

Hazmat - Last Contents
Reference Number Qualifier
[148 017 AW

If used, LHE01, 02, and 04 must
appear. (Loop 100)

Code	Definition
NA	North American Hazardous Classification Number
UN	United Nations Hazardous Classification Number

LHE04 127 Reference Number M AN 1/30
Reference number or identification number as
defined for a particular Transaction Set, or as
specified by the Reference Number Qualifier.

Hazmat - Last Contents
Reference Number
[149 017 AX

UN, NA, or other reference num-
ber. If used, LHE01, 02, and 03
must appear. (Loop 100)

LHE05 759 Reportable Quantity Code O ID 2/2
Code to identify presence of hazardous substance.

Hazmat - Last Contents
Reportable Quantity
[150 017 AY
(Loop 100)

Code	Definition
RQ	Reportable Quantity

Segment: LH6 Hazardous Certification
Level: 8
Sequence: 240
Usage: O
Max Use: 5
Loop:

Purpose: To specify the name of the person certifying that the shipment complies with the regulations and/or the actual certification.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LH601	93	Name Free-form name.	O AN 1/35

Hazmat - Certifying Person
(49 CFR Compliance)
[151 017 AZ
Free form. (Loop 100)

LH602	272	Hazardous Certification Code Code indicating the form of the hazardous certification.	O ID 1/1

Hazmat - Certification Code
(49 CFR Compliance)
[152 017 BA
(Loop 100)

Code	Definition
1	Abbreviated Hazardous Certification
2	Long form of Hazardous Certification

LH603	273	Hazardous Certification Declaration Hazardous material certification verbiage as required by Title 49 of Code of Federal Regulations.	O AN 1/50

Hazmat - Certification
Declaration (49 CFR
Compliance)
[153 017 BB
Certification verbiage in accordance
with 49 CFR. (Loop 100)

Segment: **L3** Total Weight and Charges

Level: **C**

Sequence: **10**

Usage: **O**

Max Use: **1**

Loop:

Purpose: To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items

Comment: **A.** L305 is the total charges.

Syntax Notes: 01 If either L301 or L302 is present, then the other is required.
02 If either L303 or L304 is present, then the other is required.
03 If either L309 or L310 is present, then the other is required.
04 If either L314 or L315 is present, then the other is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
L301	81	Weight	C R 1/8
L302	187	Weight Qualifier	C ID 1/2
L303	60	Freight Rate	C R 1/9
L304	122	Rate/Value Qualifier	C ID 2/2
L305	58	Charge	O N2 1/9
		For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified.	
L306	191	Advances	O N2 1/9

Total Charge for Shipment
[272 028 A

Estimated or calculated charge for
entire shipment.

Total Cube Of Shipment
[215 018 WB
Qualify in L310.

Total Cube Of Shipment
Qualifier
[214 018 WA

If total cube of shipment is used,
this qualifier must appear.

Number Of
Carloads/Truckloads Used
[273 029 A

The total number of pieces of
equipment used for the shipment.
This 'quantity' may be used to
rate the cost of a shipment.

L307 117 Prepaid Amount O N2 1/9

L308 150 Special Charge Code O ID 3/3

L309 183 Volume C R 1/8
Value of volumetric measure.

L310 184 Volume Unit Qualifier C ID 1/1
Code identifying the volume unit.

Code Definition

E	Cubic Feet
G	Gallons
H	Hundreds of Measurement Tons
S	Measurement Ton
V	Liter
X	Cubic Meters

L311 80 Lading Quantity O N0 1/1
Number of units (pieces) of the lading commodity.

L312 188 Weight Unit Qualifier O ID 1/1

L313 171 Tariff Number O AN 1/7

L314 74 Declared Value C N2 2/10

L315 122 Rate/Value Qualifier C ID 2/2

Segment: SE Transaction Set Trailer
Level: C
Sequence: 20
Usage: M
Max Use: 1
Loop:
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Comment: A. SE is the last segment of each transaction set.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
SE01	96	Number of Included Segments	M NO 1/6 Total number of segments included in a transaction set including ST and SE segments.
SE02	329	Transaction Set Control Number	M AN 4/9 Identifying control number assigned by the originator for a transaction set.

Number Of Included
Segments
[299 900 A

Total segments in this transaction
set including the ST and SE seg-
ments.

Transaction Set Control
Number
[300 900 B

This data element ends the trans-
action set and should match the
number that appears in the ST02
that begins the transaction set.

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

(Blank Page)

(Blank Page)

**10.B Example Hardcopy GBL (Standard Form
1103)**

(Blank Page)

U.S. GOVERNMENT R L OF LADING

ORIGINAL

B/L
NO.

C-1421643

TRANSPORTATION COMPANY TENDERED TO CSX TRANSPORTATION INC.		2. SCAC CSXT	3. DATE B/L PREPARED 880523	4. ROUTE ORDER/RELEASE NUMBER LSXX0999M
DESTINATION (Name, address and ZIP code) MARINE CORPS MAINTENANCE COMMAND 5880 GATECO BLVD, BLOUNT ISLE JACKSONVILLE, FL 32218		6. B/LC (Dest) 491200	8. ORIGIN (Name, address and ZIP code) TRAFFIC MANAGEMENT OFFICE NAVAL WEAPONS STATION CHARLESTON, SC 29408-7000	
CONSIGNEE (Name, address and ZIP code of installation) MARINE CORPS MAINTENANCE COMMAND 5880 GATECO BLVD, BLOUNT ISLE JACKSONVILLE, FL 32218		7. B/LC (Orig) 447178	11. SHIPPER (Name, address and ZIP code) TRAFFIC MANAGEMENT OFFICE NAVAL WEAPONS STATION CHARLESTON, SC 29408-7000	
APPROPRIATION CHARGEABLE SEE CONTINUATION SHEET # 2		10. B/LC (Cons) ICOI	13. BILL CHARGES TO (Dept./agency, bureau/office mailing address and ZIP code) COMMANDING GENERAL, 470 MARINE CORPS LOGISTIC BASE ALBANY, GA 31704-5000	
VIA (Route shipment when advantageous to the Government) CSXT		AGENCY LOC CODE		

MARKS AND ANNOTATIONS (If extra services are ordered, see Administrative Directions No. 2 on reverse)

RAIL ARMED GUARD ESCORT SERVICE REQUIRED

M/F: MV ANDERSON

SEE SHEET # 3 FOR SPECIAL INSTRUCTIONS

PACKAGES KIND	17. MM	18. DESCRIPTION OF ARTICLES (Use carrier's classification or brief description if possible; otherwise use a clear nontechnical description)	19. WEIGHT* (Pounds only)	FOR USE OF BILLING CARRIER ONLY		
				Services	Rate	Charges
C/L		CLASSIFICATION ITEM NO. CLASS "A", "B", "C" EXPLOSIVES AND INERT MATERIAL AS DESCRIBED ON ATTACHED PAGES. "THIS GBL CONSISTS OF 126 PAGES." "SEE ATTACHED PAGES FOR PLACARDING"	2,868,163			
				TOTAL CHARGES		

TARIFF/SPECIAL RATE AUTHORITY XT 0583 EFF 6/30/87		21. PICKUP SERV. FURNISHED VEHICLE FULLY LOADED		☒ YES ☐ NO	SHIPPER'S INITIALS C.A.	22. CARRIER WAY/FREIGHT BILL NO. AND DATE		
TOP OF THIS SHIPMENT AT		24. FURNISH INFORMATION ON CAR/TRUCKLOAD/CONTAINER SHIPMENTS						
INITIALS & NO.		SEAL NUMBERS		LENGTH/CUBE		MARKED CAPACITY		DATE FURNISHED
SEE CONTINUATION SHEETS ATTACHED				ORDERED 89'4"	FURNISHED 89'4"	ORDERED 149000	FURNISHED 149000	5/24/88
FOR:		APPLIED BY: CSX		25. PER		B/L NUMBER C-1421643		
CARRIER'S PICKUP DATE (car, month, & day) 6/05/88		26. SIGNATURE OF AGENT CSX		27. PER H. L. REASON		28. B/L NUMBER C-1421643		
29. ESTIMATE \$71,656	30. NO. OF CLB/TLS 33	31. TYPE RATE	32. PSC H. L. REASON	Received by the transportation company named above, subject to conditions named on the reverse hereof, the property hereinafter described, in apparent good order and condition (contents and value unknown), to be forwarded to destination by the said company and connecting lines, there to be delivered in like good order and condition to said consignee.				
FOR USE OF ISSUING OFFICE				CERTIFICATE OF CARRIER BILLING—CONSIGNEE MUST NOT PAY ANY CHARGES				
ISSUING OFFICE (Name and complete address) TRAFFIC MANAGEMENT OFFICE NAVAL WEAPONS STATION, INNESS, SC JACKSON, SC 29408-7000				34a. DELIVERED ON (Year, month & day)		34b. AT (Actual delivery point)		
33a. B/LC CANN				34c. BY (Name of delivering carrier)				
33b. DATED				34d. DELIVERED THIS CONSIGNMENT COMPLETE & IN APPARENT GOOD ORDER EXCEPT AS MAY BE INDICATED ☐ SHORTAGE ☐ DAMAGED				
33c. CONTRACT/PURCHASE ORDER NO. OR OTHER AUTHORITY				34e. CARRIER LOAD REPORT ATTACHED ☐ DELIVERY AT DESTINATION FURNISHED ☐ ACCESSORIAL SERVICES CERTIFICATION ATTACHED		34f. NAME OF BILLING CARRIER		
33d. POINT NAMED IN CONTRACT				34g. SIGNATURE OF CARRIER'S AGENT				

(Blank Page)

(Pages 2 and 3 are missing)

(Blank Page)

U.S. GOVERNMENT BILL OF LADING CONTINUATION SHEET

ORIGINAL

B/L
NO.

C-1,421,643

SHEET NO.

4 OF 126

This form is to be used as a continuation sheet for Standard Form 113, U.S. Government Bill of Lading - Original, or Standard Form 1131, U.S. Government Transit Bill of Lading - Original.

ISSUING OFFICE (Name and complete address)
TRANSPORTATION MANAGEMENT OFFICE
NAVAL WEAPONS STATION
CHARLESTON, S. C. 29408-7000

TWIX 993476

PACKAGES		DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible. Otherwise use a clear nontechnical description.)	NUMBERS ON PACKAGES	WEIGHTS*	FOR USE OF DESTINATION CARRIER ONLY		
NO	KIND				CLASS	RATE	CHARGES
*****	*****	*****	*****	*****	*****	*****	*****
*****		PLACARDED EXPLOSIVE A				*****	*****
*****						*****	*****
*****	*****	*****	*****	*****	*****	*****	*****
I CO.		VAN # SEAL #					
		USSC033101-1 0286446					
		1410011352032 QTY:0000018 104.7		1800.0			
		ROCKET AMMUNITION WITH EXPLOSIVE PROJECTILE					
		CLASS A EXPLOSIVES					
		SHIPBOARD N.E.W. : 206.46					
		DODIC: PB93					
		IMO CLASS: 1.1E					
		BRANCH: U. S. MARINE CORPS					
		1425010249982 QTY:0000024 223.6		2514.7			
		ROCKET AMMUNITION WITH EXPLOSIVE PROJECTILE					
		CLASS A EXPLOSIVES					
		SHIPBOARD N.E.W. : 20.64					
		DODIC: PJ02					
		IMO CLASS: 1.1E					
		BRANCH: U. S. MARINE CORPS					
		1427012271722 QTY:0000028 197.0		2016.0			
		ROCKET AMMUNITION, WITH EXPLOSIVE PROJECTILE,					
		CLASS A EXPLOSIVES					
		SHIPBOARD N.E.W. : 168.00					
		DODIC: PL23					
		IMO CLASS: 1.1E					
		BRANCH: U. S. MARINE CORPS					

(Blank Page)

(Page 5 is missing)

(Blank Page)

U.S. GOVERNMENT BILL OF LADING CONTINUATION SHEET

ORIGINAL
TRANSPORT
NAVAL WEAPONS STATION

B/L
NO.

6 126

SHEET NO.

ISSUING OFFICE (Name and complete address)

This form is to be used as a continuation sheet for Standard Form
103, U.S. Government Bill of Lading - Original, or Standard Form 1131,
U.S. Government Transit Bill of Lading - Original.)

TTWX 993476

PACKAGES		DESCRIPTION OF ARTICLES (For use of carrier's bill of lading only. If description of goods is not given, carrier will be liable for description.)	QUANTITY OF PACKAGES	FOR USE OF DESTINATION CARRIER ONLY		
NO.	KIND			CLASS	RATE	CHARGES

I	CD.	VAN # USSC035060-2	SEAL # 0286491			
		1325010150359 QTY:0000024 720.4 EXPLOSIVE BOMB, CLASS A EXPLOSIVES			19800.0	
		SHIPOBOARD N.E.W.: 2400.00 DODIC: E837 IMO CLASS: 1.1D BRANCH: U. S. NAVY				
		8115CONTAINER QTY:0000001 .0 CONTAINER DRY CARGO			5200.0	
		SHIPOBOARD N.E.W.: .00 DODIC: CONT IMO CLASS: BRANCH:				
		TOTAL FOR PKGID USSC035060-2			25000.0	

(Blank Page)

(Page 7 is missing)

(Blank Page)

10.C Examples - X12.18 858 Shipment Information

This appendix contains examples of the 858 Shipment Information Transaction Set as used for forming GBL data for freight shipments.

One example illustrates the use of the 858 for the freight GBL. More examples will be added for future updates.

(Blank Page)

EXAMPLE 1 - Rail Shipment of Containers on a Railcar**TABLE A - HEADER AREA**

ST*858*43124001 n/l	Transaction set header
BX*00*R*CC*C1421643*CSXT**B**F n/l	GBL number
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*8800523 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	
NTE*APS*4,6120,AH96 n/l	Appropriation (ATAC)
NTE*PAY*71656 n/l	Appropriation dollars
N7*TTWX*993476*149000*N*****08904*****KF2 n/l	
	1st railcar
NA***USSC*0331011*L n/l	Lead equipment/container
NA***USSC*0350602*A n/l	Additional equipment/container
M7*0286446*0286491***SH n/l	Seals
N5*08904*149000 n/l	Equipment ordered

N1*CA*CSXT n/l	Carrier
N1*ST*Marine Corp Maint. Cmd n/l	Destination
N3*5880 Gateco Blvd, Blount Isle n/l	
N4*Jacksonville*FL*32218**SL*491200 n/l	
N1*SF*Traffic Management Office n/l	Origin
N3*Naval Weapons Station n/l	
N4*Charleston*SC*294087000**SL*447178 n/l	
N1*CN*Marine Corp Maint. Cmd*27*ICOI n/l	
	Consignee
N3*5880 Gateco Blvd, Blount Isle n/l	
N4*Jacksonville*FL*32218**SL*491200 n/l	
N1*SH*Traffic Management Office 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*27*CANM 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*USSC*0331011 n/l Container No.

N9*TG**1410011352092 n/l TCN

L5**Rocket Ammo/Explosive Projectile*(UFC no.)*U n/l

Line description

L0****180000*N*104.7*E*18*BX**L n/l Weights and quantity

MEA*NX**206.46*PN n/l Net explosive weight

LH1*BX*18*1.1E n/l Hazmat information

LH2*CLASS A EXPLOSIVE**EXPLOSIVE A n/l

LH3*Rocket Ammunition with Explosive Projectile

LHR*(DoDIC qualifier)*PB93 n/l

LH6*M. B. MEIERDIERKS*2*THIS IS TO CERTIFY THAT n/l

Additional Hazmat Info

LH6***THE HEREIN NAMED MATERIALS n/l

LH6***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 n/l

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

N7*USSC*0331011 n/l

N9*TG*1425010249982 n/l

L5**Rocket Ammo/Explosive Projectile*(UFC no.)*U n/l

L0****251470*N*223.6*E*24*BX**L n/l

MEA*NX**20.64*PN n/l

LH1*BX*24*1.1E n/l

LH2*CLASS A EXPLOSIVE**EXPLOSIVE A n/l

LH3*Rocket Ammunition with Explosive Projectile

LHR*{DoDIC qualifier}*PJ02 n/l

LX*100

100 Detail - Line Item Description Loop, LINE ITEM 3

N7*USSC*0331011 n/l

N9*TG*1427012271722 n/l

L5**Rocket Ammo/Explosive Projectile*{UFC no.}*U n/l

L0****201600*N*197.0*E*28*BX**L n/l

MEA*NX**168.00*PN n/l

LH1*BX*28*1.1E n/l

LH2*CLASS A EXPLOSIVE**EXPLOSIVE A n/l

LH3*Rocket Ammunition with Explosive Projectile n/l

LHR*{DoDIC qualifier}*PL23 n/l

LX*100 n/l

100 Detail - Line Item Description Loop, LINE ITEM 4

N7*USSC*035060 n/l

N9*TG*1325010150359 n/l

L5**Explosive Bomb, Class A Explosives*{UFC no.}*U n/l

L0****1980000*N*720.4*E*24*BX**L n/l

MEA*NX**2400.00*PN n/l

LH1*BX*24*1.1D n/l

LH2*CLASS A EXPLOSIVE**EXPLOSIVE A n/l

LH3*Rocket Ammunition with Explosive Projectile n/l

LHR*{DoDIC qualifier}*E837 n/l

LX*100 n/l 100 Detail - Line Item Description Loop, LINE ITEM 5

N7*USSC*035060 n/l

N9*TG*8115 n/l

L5**Container dry cargo*{UFC no.}*U n/l

L0***520000*N*0.0*E*1*CNT**L 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***3133070*N*****L n/l Original shipment net weight

LX*200 n/l

L0***279506*NX*****L n/l Original shipment net explosive weight

LX*300 n/l Accessorial Loop

N9*A5*DP**880525 n/l Date service performed

L0*300*50*MS 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*0583 n/l Effective tender for this commodity

L5**{UFC No.}*U n/l Commodity code

L0**{Total UFC qty}*LB*(weight)*****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

TABLE C - SUMMARY AREA

L3*****7165600 n/l	Estimated charges
SE*(total segs in transactioin 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/l	300 Detail - Accessorial and Protective Service Loop. This LX loop describes first day service.
L0*300*250*DM n/l	250 miles.
L1****0****MES n/l	DoD service code. Must be in first L0 loop.
N9*A5*DP*920317	Date service performed. 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.
L0*300*125*DM n/l	125 miles.
L1****0****MES n/l	DoD service code. Must be in first L0 loop.
N9*A5*DP*920318	Date service performed. Must be in first L0 loop.
L0*300*1*Nv n/l	1 vehicles.
L0*300*2*PR n/l	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 (STRS). 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.
L0*300*250*DM n/l	250 miles.
L1**1.00*VU*25000****MES n/l	DoD service code, rate and charge. Must be in first L0 loop.
N9*A5*DP*920317	Date service performed. 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.
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.
N9*A5*DP*920318	Date service performed. Must be in first L0 loop.
L0*300*1*Nv n/l	1 vehicles.
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.
L0*300 n/1	This segment required by X12 syntax rules.
L1****0****PER n/1	DoD service code.
N9*A5*DP*920318	Date service performed.

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

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.

(Blank Page)

Data Group 60 - Equipment Information

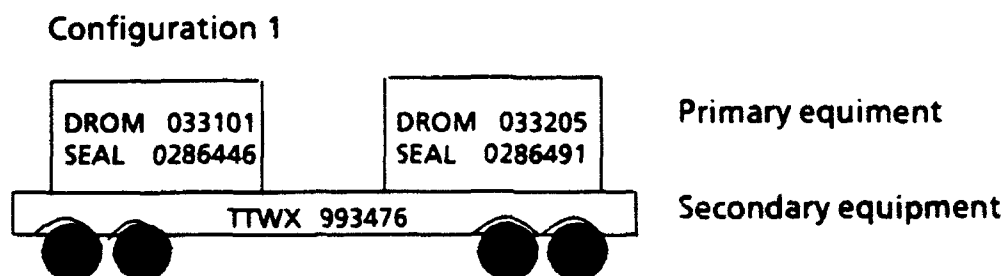
Terms:

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.

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*10 n/l

N7*DROM*033101 n/l

Primary 1 Visibility

L5* ... n/l

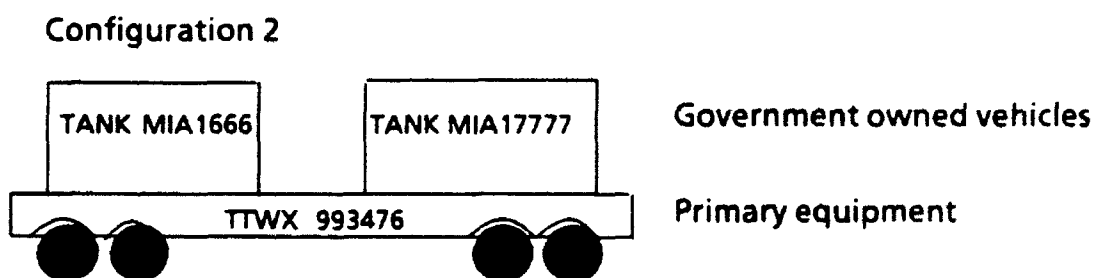
LX*100 n/l

N7*DROM*033205 n/l

Primary 2 Visibility

L5* ... n/l

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



DEPARTMENT OF DEFENSE
EDI CONVENTION

GOVERNMENT BILL OF LADING
858.003010

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	KF2		

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	M1A1666	M1A1777	

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

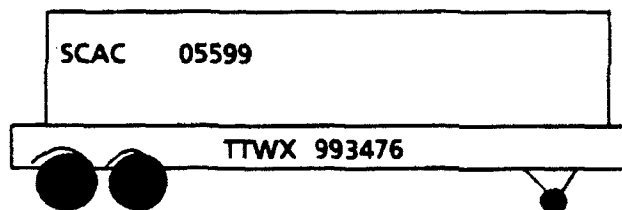
NA*VIN*0*DODA*M1A17777

Gov't Owned Vehicle

L5* ... n/l

Configuration 3 - Primary Equipment (Motor van)

Configuration 3



Primary equipment

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 1 Furnished

N5*04000*40000**AV2x n/l

Primary Ordered

DETAIL AREA

LX*100 n/l

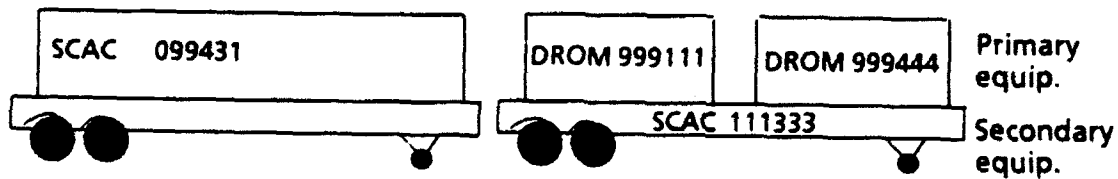
No visibility needed for this configuration.

L5* ... n/l

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

Configuration 4

Primary equip.



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

DETAIL AREA

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

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 quantities

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 quantities

LX*100 n/l

Delivered at destination

L5*... n/l

Commodity description

L0*... n/l

Commodity quantities

LX*100 n/l

Delivered at destination

L5*... n/l

Commodity description

L0*... n/l

Commodity quantities

LX*100 n/l

Delivered at destination

L5*... n/l

Commodity description

L0*... n/l

Commodity quantities

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 sub packs 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 sub pack 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 here. 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. Some times, 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.

(Blank Page)

10.F Additional Government Code Lists

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

Code lists include:

- [004 000 D] - Transportation Method Code (Mode)
- [120 016 A] * - Packages (Number - Lading Quantity Qualifier
- [109 015 SE] * - Billed/Rated Quantity Qualifier
- [181 018 CC] * - Type of Service Qualifier
- [111 015 SC] * - Freight Rate Qualifier
- [169 018 ALB] * - Freight Rate Qualifier
- [183 018 CE] * - Service Rate Qualifier
- [185 018 CG] * - Service Identifier Code
- [271 027 A] * - Type of Equipment
- [267 024 ZA] * Equipment Ordered Description Codes
- [277 032 A] * - Reason (Not Lowest Cost)
- [074 012 B] * - Appropriation Type, Weight, And Number

Footnote definitions:

* Need new X12 codes

** Code to be moved from DE 152 to DE 150

[004 000 D] - Transportation Method Code (Mode Code)

Mapping: A 30 BX02 91

DoD Code	X12 Code	DoD Definition
A	BU	Bus
B	J	Truck
D	PL	Pipeline
E	R	Rail
F	RA*	Rail TOFC/COFC Door to Door
G	RB*	Rail TOFC/COFC Plan 3
H	RC*	Rail TOFC/COFC Plan 4
K	AF	Air Freight
L	AX	Air Freight Forwarder
M	AH*	Air Taxi
N	SF*	Surface Freight Forwarder
O	W	Water
P	SA*	Shipper Association
Q	SB*	Shipper Agent
R	U	Package Express
S	DA*	Driveaway
T	TA*	Towaway
U	DT*	Driveaway/Towaway Service
V	WP*	Water/Pipeline Intermodal Movements

[120 016 A] - Packages (Number - Lading Quantity)

Qualifier

Mapping: B 140 L009 211

X12 codes from DE 103 as referenced from DE 211.

DoD Code	X12 Code	DoD Definition	L010
AA	MSV*	MSCVAN - Loaded to capacity by ocean carrier	AA
AB	MSV	MSCVAN - Loaded to capacity by military terminal	AB
AC	MSV	MSCVAN - Loaded to capacity by military shipping activity	AC
AD	MSV	MSCVAN - Loaded to capacity by vendor	D
AE	MSV	MSCVAN - Loaded to capacity by consolidation facility	AE
AF	MSV	MSCVAN - <capacity completed by consolidation facility	AF
AL	MSV	MSCVAN - <capacity completed by military terminal	AL
BD	BDL	Bundle	
BE	BAL	Bale	
BG	BAG	Bag, burlap or cloth	
BL	BBL	Barrel	
BS	BSK	Basket	
BX	BOX	Box	
CA	CAB	Cabinet	
CB	CBY	Carboy	
CC	CNA*	HHG containers, wood	
CL	COL	Coil	
CM	CNB*	Container, MAC-ISO, LT. WGT. 8x8x20 foot air	
CN	CAN	Can	
CO	CNT	Container, other than CC, CM, CU, CW, MW, MX	
CW	CRT	Crate	
CS	CAS	Case	
CT	CTN	Carton	
CU	CNC*	Container, Navy cargo transporter	
CR	CND*	Container, commercial highway lift	
CY	CYL	Cylinder	
DB	DUF*	Duffelbag	
DR	DRM	Drum	
EC	CNE*	Engine container	

DEPARTMENT OF DEFENSE
EDI CONVENTION

GOVERNMENT BILL OF LADING
858.003010

ED	CRD	Engine cradle or dolly	
FK	TRK	Footlocker (Trunk)	
HA	HPR*	Hamper	
KE	KEG	Keg	
LS	LSE	Loose, not packed	
MW	CNF*	Multiwall container secured to warehouse plt	
MX	MXD*	Mixed	
PC	PCS	Piece	
PL	PAL	Pail	
PT	PLT	Palletized unit load other than code MW	
RL	REL	Reel	
RO	ROL	Roll	
RT	WHE	RORO (roll off roll on)	
SA	SAK	Sack, paper	
SB	SKE	Skid, box	
SD	SKD	Skid	
SH	SHT*	Sheet	
SL	SPL	Spool	
SW	SCS*	Suitcase	
TB	TUB	Tub	
TK	TRU*	Truck	
TU	TBE	Tube	
UX	UNT	Unitized (use RT for unitized cargo on RORO)	
VC	VPK	Van chassis	
VE	VEH	Vehicle	
VO	VOC*	Vehicle in operating condition	
VS	TBN	SEAVAN - TOTE	
WR	WRP	Wrapped	
X0	CNX*	CONEX - No. 00001 - 99999 (Gov't owend container)	X0
X1	CNX	CONEX - No. 10000 - 199999 (Gov't owend container)	X1
X2	CNX	CONEX - No. 20000 - 299999 (Gov't owend container)	X2
X3	CNX	CONEX - No. 30000 - 399999 (Gov't owend container)	X3
X4	CNX	CONEX - No. 40000 - 499999 (Gov't owend container)	X4
X5	CNX	CONEX - No. 50000 - 599999 (Gov't owend container)	X5
X6	CNX	CONEX - No. 60000 - 699999 (Gov't owend container)	X6
X7	CNX	CONEX - No. 70000 - 799999 (Gov't owend container)	X7
X8	CNX	CONEX - No. 80000 - 899999 (Gov't owend container)	X8

DEPARTMENT OF DEFENSE
EDI CONVENTION

GOVERNMENT BILL OF LADING
858.003010

X9	CNX	CONEX - No. 90000 - 999999 (Gov't owned container)	X9
YA	MLV*	MILVAN - Loaded to capacity by ocean carrier	YA
YB	MLV	MILVAN - Loaded to capacity by military terminal	YB
YC	MLV	MILVAN - Loaded to capacity by military shipping activity	YC
YD	MLV	MILVAN - Loaded to capacity by vendor	YD
YE	MLV	MILVAN - Loaded to capacity by consolidation facility	YE
YF	MLV	MILVAN - <capacity completed by consolidation facility	YG
YL	MLV	MILVAN - <capacity completed by military terminal	YL
ZA	SVN*	SEAVAN - Loaded to capacity by ocean carrier	ZA
ZB	SVN	SEAVAN - Loaded to capacity by military terminal	ZB
ZC	SVN	SEAVAN - Loaded to capacity by military shipping activity	ZC
ZD	SVN	SEAVAN - Loaded to capacity by vendor	ZD
ZE	SVN	SEAVAN - Loaded to capacity by consolidation facility	ZE
ZF	SVN	SEAVAN - <capacity completed by consolidation facility	ZF
ZL	SVN	SEAVAN - <capacity completed by military terminal	ZL

[109 015 SE] - Billed/Rated Quantity Qualifier

Mapping: B 140 L003 221

[181 018 CC] - Type of Service Qualifier

Mapping: B 140 L003 221

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

[111 015 SG] - Freight Rate Qualifier

Mapping: B 150 L103 122

[169 018 ALB] - Freight Rate Qualifier

Mapping: B 150 L103 122

[183 018 CE] - Service Rate Qualifier

Mapping: B 150 L103 122

DoD Code	X12 Code	DoD Definition
BB	BR	Per barrel (pipeline/barge only)
PH	CW*	Per hundred weight
DL	DR	Per dromedary service shipment
DH	HD	Per hundredweight per dromedary service shipment
PG	PG	Per gallon
ST	ST	Per short ton
PV	VA*	Per vehicle moved
PL	VH*	Per vehicle used
PC	VR*	Per rail car used
PQ	AV	Ad Valorem (percent of value)
PM	VU	Per mile per vehicle (railcar) used
PJ	MV	Per mile per vehicle (railcar) moved
DZ	DS	Per hundred weight per mile per dromedary service shipment
PZ	HM	Rate per hundred weight per mile
PY	PY	Per gallon per mile
	MW	Minimum per vehicle
	PM	Per mile
	MS	Minimum per shipment
	FC	Flat charge
	PA*	Per advancement
	ER	Per each request
	PR	Per hour
	MP	Maximum per shipment
	MN	Minimum charge

PV	Per vehicle
MH	Per man per hour
ND*	Minimum per driver
PS	Per shipment
SP	Per stop
PD	Per day
NV*	Minimum per day per vehicle
PN*	Per night per person
FT	Per foot
PC	Per car
MC*	Minimum per car
HX*	Hundredweight per day
DV*	Per day per vehicle (rail car)
NM*	Per mile per person
XP*	Maximum per person
NP*	Minimum per day per person
ND*	Minimum per driver
VT*	Per mile per vehicle
VV*	Per vehicle per state
MA*	Minimum per service
MB*	Per mile per service
HV*	Per hour per vehicle (rail car)
IN*	Per inch

[185 018 CG] - Service Identifier Code

Mapping: B 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.

[185 018 B] - Accessorial/Protective Service Ordered

Mapping: A 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	L003 Value	L103 Value	L112 Value
AG	AGS**	Armed Guard		VT,MW	
CS	CIS**	Constant Surveillance		VT,MW	
DD	DDP**	Dual Driver		VT,MW	
DN	DDN*	Dual Driver with National Agency Check		VU,MW	
MS	MVS**	Motor Surveillance(8 hour calls)		PM,MS	
MS	MMS**	Motor Surveillance(12 hour calls=		PM,MS	
PS	PSS**	Protective Security(without armed drivers)		VT*,MW	
PS	PSG**	Protective Security(with armed drivers)		VT*,MW	
SE	SEV**	Security Escort Service	NV	VT*,MW	
ST	675	Signature Tally	FR	PS	
SM	SMS**	Satellite Motor Surveillance		PM,MW,FC	
AC	045	Advancing Charges	EA	PA*	
VT	VTs	Vehicles In Truckaway	NV	VT*	
CB	CHN	Chains and Binders	EA	ER	
DP	DEP	Detention With Power Unit	TH	HV*	
DW	DET	Detention Without Power Unit	TH	DV*	
DA	DNA*	Dunnage Allowance			
ER	ERS*	Empty Return	NV	VT*	
EU	EED	Exclusive Use		VT*	
EX	EXP	Expedited Service		VT*	
HF	HHB	Handling Freight	LC	CW*,MS,MP	
LU	URC	Loading/Unloading	LC	CW*,MN	
PR	PRL	Prelodging	NV	PV	
PD	PUD	Pickup/Delivery	TH, DR*	MH,ND*	

DEPARTMENT OF DEFENSE
EDI CONVENTION

GOVERNMENT BILL OF LADING
858.003010

PT	PTS**	Protective Tarping	NV	PV	
RC	RCC	Reconsignment/Diversion	FR	PS	
RD	RCL	Redelivery		CW*,MS,MP	
RV	RLS*	Relocation of Vehicle	EA	PV	
SP	SPU	Split Pickup/Delivery	SP*	SP	
SO	SOC	Stop-Off		SP	
SO	EXM	Stop-off (Excess Mileage Charge)		PM	
SG	SRG	Storage		PD,MS	
VF	VFN	Vehicle Furnished But Not Used	NV	VT*,PV	(Dispatch SPLC)
VI	VIS*	Vehicles Inoperable	NV	PV	
WV	WTV	Weight Verification		PV	
DF	DFS*	410 Dromedary			
DS	DSR**	Regular Dromedary			
SD	SDS*	Special Dromedary			
PP	PLT*	Pallets, Skids, Platforms			
RP	RSV*	Reservation	CF		
OW	PER	Overweight Permit	EA	PM,PV,HM,CW	(2 char state code)
EM	EMT*	Empty Movement	NV	VT*	(Dispatch SPLC)
EF	MES	Escort (standard)	DM,NV,PR	VT*,NV*	
EF	MEN*	Escort (overnight subsistence)	NG',PR	PN*	
EF	MET*	Escort (Telephones)	NV	PV	
EL	ELS*	Extra Lights	NV,ST*	VV*	
IM	IMP*	Impactographs	EA	MA*,MB*	
OD	520	Overdimension		PM,IN*,MN	
RU	SRT*	Restricted Speeds		VT*	(Max speed)
SR	SRS*	Surveying Routes	DM,PR,NV	VT*,NV*,MN*,NP*	

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:

- o HF (HHB) Handling Freight
- o PD (PUD) Pickup/Delivery

The following accessorial services vary by day:

- o SR (SRS) Surveying Routes
- o EF (MES) Escort (Standard)

The following accessorial services vary by vehicle:

- o DP (DEP) Detention With Power Unit
- o DW (DET) Detention Without Power Unit

The following accessorial services vary by SPLC:

- o VF (VFM*) Vehicles Furnished But Not Used
- o 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	L003 Value	L103 Value	Note
GS	GSS**	Greater Security		PC	
RG	ARG**	Rail Armed Guard		PM,FC	
RS	RMS*	Rail Surveillance	DM,NC	MV,PC	
TS	TSS**	Tank Surveillance(one tank per car)	NC	PC	
TS	TMS*	Tank Surveillance(two tanks per car)	NC	PC	
DM	DEM	Demurrage	TD	DV*	
HR	HRS*	Heater/Refrigeration	NC	PM,MC*	
RC	RCC	Reconsignment/Diversion		PC	
SO	SOC	Stop-Off		SP	
SO	EXM*	Stop-off (Excess Mileage Charge)		SP	
SG	SRG	Storage	TD,LC	HX*	
WV	WTV	Weight Verification		PC	
AC	045	Advancing Charges	EA	PA*	
DV	DTB*	Detention	TH,TD	DV*,HV*	
ED	EXD*	Extra Driver	DM	PM,MS	
FC	FCS*	Furnishing Chassis		PS	
HF	HHB	Handling Freight	LC	CW*,MS,MP	
LU	URC	Loading/Unloading	LC	CW*,MS	
PD	PUD	Pickup/Delivery	TH,DR*	MH,ND*	
PR	PRL	Prelodging	NV	PV	
RD	RCL	Redelivery	NV	PV	
RV	RLS*	Relocation of Vehicle	NV	PV	
SP	SPU	Split Pickup	SP*	SP	
SV	SVS*	Storage of Vehicles	TD	DV*	
TM	TMV*	Tendering of Multiple Vehicles	TH	PD	
VF	VFN*	Vehicles Furnished But Not Used	NV	MV,PV	(Dispatch SPLC)
SS	SFT	Special Train Service		PM,MP,MS	
AA	AAS*	Attendants Accompanying	PR*	NM*,XP*	
CG	CSP*	Government Caboose	NC	VT*	
CG	GSP*	Government Guard Cars	NC	VT*	
CG	CCP*	Carrier Caboose	NC	VT*	
CG	GCP*	Carrier Guard Cars	NC	VT*	
CG	CGR*	Government Caboose/Guard Cars Returned	NC	VT*	(Return SPLC)

EC	ECS	Empty Cars Ordered But Not Used	NC	PC
RP	RMP*	Return Movement of Pallets		
RE	RMC*	Return of Empty Containers		

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:

- o HF (HHB) Handling Freight
- o PD (PUD) Pickup/Delivery

The following accessorial services vary by SPLC:

- o VF (VFM*) Vehicles Furnished But Not Used
- o CG (CGS*) Government Caboose/Guard Cars Returned

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

- o DM (DEM) - Demurrage
- o 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	L003 Value	L103 Value	Note
AC	045	Advancing Charges	EA	PA*	
AL	SPA	Allowances	NV	PV	
CL	CLN	Cleaning	NV	PV	
DP	DEP	Detention With Power Unit	TH	HV*	
DW	DET	Detention Without Power Unit	TH	DV*	
EH	HOS	Equipment Hose (over 36')	FT	FT,MA*	
EH	HOX	Equipment Hose (special type)	FT	FT,MA*	
EH	EDO*	Equipment Hose (dispatched at origin)		PM,MA*	(Dispatch SPLC)
EH	EDD*	Equipment Hose (dispatched at dest.)		PM,MA*	(Dispatch SPLC)
EX	EXP	Expedited		VT*	
LS	ADL*	Advance Loading	TD	VT*,DV*	(Holding SPLC)
PD	PUD	Pickup/Delivery	TH,DR*	MH,ND*	
PE	PAJ	Pumping Equipment	GL	PG,MN	
RC	RCC	Reconsignment/Diversion	FR	PS	
RD	RCL	Redelivery		DM,MN	(Dispatch SPLC)
SG	SRG	Storage	TD,NV	DV*	
SO	SOC	Stop-Off In Transit		PM,SP	
SO	EXM	Stop-Off In Transit (Excess Mileage Charge)		PM	
SP	SPU	Split Pickup/Delivery	SP*	SP	
VF	VFN*	Vehicles Furnished But Not Used	NV	VT*,PV	(Dispatch SPLC)
WD	WDS*	Waterfront Delivery	TH	PR,MA*	

Pipeline Shipments

DoD Code	X12 Code	DoD Definition	L003 Value	L103 Value	Note
AJ	AJB*	Additional Injection/Blending Service	BA	BR	
DE	DEL	Delivery Service	BA	BR	
FL	FLT*	Filtration Service	BA	BR	

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:

- o PD (PUD) Pickup/Delivery

The following accessorial services vary by SPLC:

- o VF (VFM*) Vehicles Furnished But Not Used
- o EH (SEC) Equipment Hose Dispatched AT Origin
- o EH (SEC) Equipment Hose Dispatched At Destination
- o LS (ADL*) Advance Loading
- o 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.

Miscellaneous Services

DoD Code	X12 Code	DoD Definition	L003 Value	L103 Value	Note
	PUC	Pickup Service Furnished (air freight)	DM,SP*	PM,SP	
	SPC	Overdimension Permit	FR	ER	
	BRD	Bridge Tolls	FR	FC	
	IHT	Highway Tolls	FR	FC	
	TPS*	Third Party	(X12 Code)	(X12 Code)	(Description)
	MSG	Miscellaneous Charge	(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.

[267 024 ZA] - Type of Equipment Furnished**[271 027 A] - Type of Equipment Ordered**

Mapping: A 330 N722 24

Mapping: A 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 loading lift gate
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
AB2	Lowboy, level deck, 2 Axels
AB3	Lowboy, level deck, 3 Axels
AB4	Lowboy, level deck, 4 Axels
AB5	Lowboy, level deck, 5 Axels
AB6	Lowboy, level deck, w/outriggers, 3 Axels
AB7	Lowboy, level deck, 7 Axels
AB9	Lowboy, level deck, 9 Axels
AB0	Lowboy, level deck, 10 Axels and over
AC2	Expandable low bed trailer, 2 Axles

AC3	Expandable low bed trailer, 3 Axles
AC4	Expandable low bed trailer, 4 Axles
AD1	Dromedary, 82" L x 53 1/2" H x 52" W 132 cubic feet
AD2	Dromedary, 88" L x 60" H x 60" W 155 cubic feet
AD3	Dromedary, 96" L x 66" H x 55" W 180 cubic feet
AD4	Dromedary, 90" L x 70" H x 57 1/2" W 200 cubic feet
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
AE0	Lowboy, double drop, 10 Axles and over
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
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
AJ0	Lowboy, level deck, air ride, 10 Axles and over
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
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
AM0	Lowboy, double drop, air ride, 10 Axles and over
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, 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
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
KP	Box, damage prevention type
KE	Box, end door
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"

KX	Box, missile, DODX w/refrigeration
KC	Box, nuclear waste, DODX w/racks permanently affixed
KU	Caboose, DODX armed guard
KB1	Flat, bilevel, not enclosed
KB2	Flat, bilevel, enclosed
KL1	Flat, trilevel, not enclosed
KL2	Flat, trilevel, enclosed
KY	Flat, heavy duty
KF1	Flat, any other type, not over 70'
KF2	Flat, any other type, over 70' but not over 90'
KZ1	Flat, DODX, not over 60'
KZ2	Flat, DODX, over 60'
KD	Gondola, drop ends
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
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

KW1 TOFC car
KW2 COFC car

Containers

DoD Code	DoD Definition
QM	Milvan
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

Water

DoD Code	DoD Definition
WA	Steamship
WE	Covered Barge
WK	Liquid Covered Barge
WI	Fush Deck Oil Barge
WP	Special Auto Barge
WG	Cylinder Tank Barge
WM	Open Barge

[277 032 A] - Reason (Not Lowest Cost)

Mapping: B 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
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
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
AA	Carrier qualification noncompliance
AB	Drug/alcohol/firearm abuse

[074 012 B] - Appropriation Type, Weight, And Number Mapping: A 280
NTE02 3

Position	Element name	Data length	Data type	Format specifications	Description
1 - 2	Department	2	N	Must contain 2 numbers. Field cannot be blank.	The department or agency responsible for administering the account.
3	(Unused)	1	AN	Space fill.	
4	Fiscal year	1	AN	Must contain a number or alpha char. Field cannot be blank.	Indicates the fiscal year of availability for obligation.
5 - 8	Basic symbol	4	N	Must contain 4 numbers.	The last four digits of the appropriation.
9 - 12	Limitation	4	AN	Leading zeros if less than 4 chars/numbers.	A breakdown of a receipt, appropriation, or fund account for a specific purpose. In some cases, the limit is a subdivision of funds that restricts the amount or use of funds for a certain object or purpose.
13	Program year	1	AN	Zero fill if blank.	The year for which activity received program approval, regardless of the year of the transaction.
14 - 15	Operating agency	2	AN	Leading zeros if less than 2 chars/numbers.	Identifies the agency that was allocated the funds. This agency is responsible for issuing and administering the funds.
16	Reimbursement designator	1	N	If "C" replace with "7", otherwise replace with "0".	Identifies a reimbursement or collection into deposit funds, general special, trust and other receipts.
17 - 20	Allotment serial number	4	N	Leading zeros if less than 4 numbers.	Identifies multiple fund subdivisions within an appropriation or fund.
21 - 24	Project	4	N	Skip "P", blanks, and decimals. Trailing zeros if < 4 numbers.	Shows a function, mission or activity.
25 - 28	Sub-Project	4	AN	Left justify and space fill unused positions.	Breakdown within a project.
29 - 32	Element of resource	4	N	Left justify and zero fill unused positions.	Identifies the kind of resource and classifies the type of service, goods, or other item being produced according to the nature of usage rather than the purpose.
33 - 38	Fiscal station number	6	N	Leading zeros if less than 6 numbers.	Specifies the installation or station that maintains the funds to be charged or credited.
39 - 40	Country code	2	AN	Space fill unused positions.	Identifies a geographical area (country, an island, a group of islands, or possessions).
41 - 46	Fiscal stations APC	6	AN	Left justify and space fill unused positions.	Local code for processing accounting data.

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

(Blank Page)

10.X Change Summary Report for Section 10.5

This chapter contains one tables. It is a summary of all changes to Table 10.5-1 since the last publication of this convention document. This summary is sorted by CHANGE REQUESTER.

FREIGHT GBL CHANGES BY REQUESTOR
DATA NAME

INDEX REF DES TBL POS VALUE DE # DoD CONVENTION

Defense Transportation Tracking
System Reporting Qualifier

1006 IIS AJ 10 A 30 BX10 160 R - Automatic Status Report Requested

CHANGE NOTE: Requester: CFMS

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Transaction Content ID

[010 000 J] 10 A 60 N902 127
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.

CHANGE NOTE: Add codes. Requester: CFMS

Appropriation Type, Weight, And
Number

[074 012 B] 10 A 280 NTE02 3 1 - Full appropriation number with no subelement distinction
2 - Full appropriation number divided into accounting classification components
3 - Movement designator code (MDC)
4 - Airforce transportation account code (ATAC)
5 - Transportation account code (TAC)
6 - Navy appropriation (NMF)

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.

CHANGE NOTE: Change convention note. Requester: CFMS

Transportation Priority Code 10 A 80 Y701 467 1 - Level 1
2 - Level 2
3 - Level 3

CHANGE NOTE: Change mapping from Y702 to Y701 to align with TCMD convention. Restrict priority codes from 1 to 3. Requester: CFMS

Shipment Contact Qualifier [092 015 D] 10 A 120 PER01 365 IC - Information Contact

CHANGE NOTE: Recommended for DELETE. Requester: CFMS

Shipment Contact Qualifier [093 015 E] 10 A 120 PER03 365 AU - AUTOVON
FT - Federal Telecommunications System (FTS)
TE - Telephone

CHANGE NOTE: Recommended for DELETE. Requester: CFMS

DEPARTMENT OF DEFENSE
EDI CONVENTION

GOVERNMENT BILL OF LADING
858.003010

FREIGHT GBL CHANGES BY REQUESTOR
DATA NAME

INDEX Data Grp TBL POS REF DES DE # VALUE DoD CONVENTION

Shipment Contact Telephone No.

[094 015 F] 10 A 120 PER04 364

Telephone number of shipment POC. Quality in PER01 and 03.

CHANGE NOTE: Recommended for DELETE. Requester: CFMS

Commodity Billed/Rated Quantity
Qualifier

[109 015 SE] 400 B 140 L003 221

See appendix 10.F for code list. (Loop 400)

CHANGE NOTE: Qualify all accumulated quantities in this data element. Requester: CFMS

Commodity Billed/Rated Quantity [110 015 SFI] 400 B 140 L002 220

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. 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. As with line item quantities, to describe accumulated quantities, two rules must be followed when constructing an LO segment. 1) If the accumulated billed/rated quantity is expressed as freight weight, it appears here. Freight wt = net wt - skid wt - pallet wt - dunnage wt. 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. (Loop 400)

CHANGE NOTE: Change data name and convention note.
Requester: CFMS

Commodity Weight Qualifier [116 015 SJI] 400 B 140 L005 187 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: Carry accumulated quantities, including weight, in L002 and L003. Use this data element for bulk fuel, pipeline, and barge weight only. Change data name and convention note. Requester: CFMS

FREIGHT GBL CHANGES BY REQUESTOR
DATA NAME INDEX Data Grp TBL POS DES DE # VALUE DoD CONVENTION

Commodity Weight Quantity 1117 015 SKJ 400 B 140 L004 81

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)

CHANGE NOTE: Change data name and note. Requester: CFMS

Commodity Weight Unit Qualifier 1118 015 SLJ 400 B 140 L011 188 L - Pounds (Loop 400)

CHANGE NOTE: Change data name and code list. Requester: CFMS

100 Detail - Line Item Description Loop 1119 016 J 100 B 10 LX01 554 100 - Line Item Description Loop

A shipment unit is identified by a single Transportation Control Number (TCN). Each commodity description cites the TCN it is grouped under. A shipment unit may cite multiple commodities. Data group 100, commodity header information, describes one commodity INMFC, UFC, DoD unique. An LX 100 loop is generated for each 100 data group. The commodity detail information data group 120, describes the type pack information in the L0 loop. There can be multiple type packs per line item. (Loop 100)

CHANGE NOTE: Clarify convention note. Requester: CFMS

CHANGE NOTE: Add looping logic tables to appendix and describe the new data grouping technique in introduction of chapter 10.5. Requester: LMIC

Billed/Rated Quantity

[123 016 D] 120 B 140 L002 220

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 wt = net wt - skid wt - pallet wt - dunnage wt. The L004, L005, and L011 elements are not used. 2) If the 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 weight information if required. See appendix 10.D for looping logic of data group 120. (Loop 100)

CHANGE NOTE: Change DoD convention to describe use of L0 for multiple type pack per commodity. Requester: CFMS

Vehicle Identification Number
Qualifier

[156 018 A] 100 B 30 NA01 128 VT - Motor Vehicle ID Number

Shipper owned vehicle include cars, jeeps, tanks, and trucks.

CHANGE NOTE: NEW DATA ELEMENT. Requester: CFMS

Vehicle Identification Number

[156 018 B] 100 B 30 NA02 127

Use VIN and DoD vehicle bumper number to describe the vehicles being moved. See appendix D for detailed description of how primary, secondary, and shipper owned equipment is mapped to the 858. (Loop 100)

CHANGE NOTE: Changed convention note. Changed mapping. Requester: CFMS

Vehicle Initials (Filler)

[156 018 C] 100 B 30 NA03 206 NONX Vehicle

CHANGE NOTE: NEW DATA ELEMENT. Requester: CFMS

DEPARTMENT OF DEFENSE
EDI CONVENTION

GOVERNMENT BILL OF LADING
858.003010

FREIGHT GBL CHANGES BY REQUESTOR
DATA NAME INDEX Data Grp TBL POS REF DES DE # VALUE DoD CONVENTION

Vehicle Bumper Number [156 018 DJ] 100 B 30 NA04 207

CHANGE NOTE: NEW DATA ELEMENT. Requester: CFMS

Freight Rate Qualifier [170 018 ALB] 120 B 150 L103 122

Code conversion table for Tender Form 364R rate codes is in appendix 10.F. (Loop 100)

CHANGE NOTE: Change data name. Requester: CFMS

Freight Weight Qualifier [171 018 AM] 120 B 140 L005 187 EB - Freight Weight (Loop 100)

CHANGE NOTE: Delete old codes for net weight and add new code for freight weight. Requester: CFMS

Freight Weight Unit Qualifier [172 018 AM] 120 B 140 L011 188 L - Pounds (Loop 100)

CHANGE NOTE: Change data name to reflect freight weight. Requester: CFMS

Freight Weight

[172 018 ANN] 120 B 140 L004 81

Freight weight of line item described in pounds only.
Freight Wt = Net Wt - Skid Wt - Pallet Wt - Dunnage
Wt. Pallet, skid, and dunnage weights are carried in
separate MEA segments. See index [174 018 PMI] for the
weight breakdown for packing materials. (Loop 100)

CHANGE NOTE: Change index from [172 018 AN] to [172
018 AN]. Change data name. Change convention note.
Requester: CFMS

Packaging Material Qualifier	[174 018 PM]	120 B	160	MEA01	737	DN	- Dunnage Dimensions *
						PA	- Pallet Dimensions
						SK	- Skid Dimensions

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. Request new X12 code for dunnage dimensions.
(Loop 100)

CHANGE NOTE: The MEA segment must repeat for weight
other than the freight weight. This includes dunnage, net,
pallet, skid, and sawdust weights. Requester: CFMS

Shipped Dimensions Information
Qualifier

[175 018 AB] 120 B 160 MEA01 737 SD - Shipped Dimensions

CHANGE NOTE: NEW DATA ELEMENT. Requester: CFMS

Shipped Dimensions Qualifier

[175 018 AS]	120 B	160	MEA02	738	HT	- Height
					LN	- Length
					WD	- Width

CFMS will calculate oversize dimensions from shipped
provided information. (Loop 100)

CHANGE NOTE: Changed data element name. Requester:
CFMS

FREIGHT GBL CHANGES BY REQUESTOR
DATA NAME INDEX Data Grp TBL POS REF DES DE # VALUE DoD CONVENTION

Shipped Dimensions Units

[176 018 AT] 120 B 160 MEA03 739

Use for values of oversize dimensions. Qualify in MEA02.
(Loop 100)

CHANGE NOTE: Changed data element name. Requester:
CFMS

Shipped Dimensions Units
Qualifier

[177 018 AU] 120 B 160 MEA04 355 FT - Foot
IN - Inch

If oversize dimensions is used, this qualifier must appear.
Qualify in MEA02 and 03. (Loop 100)

CHANGE NOTE: Changed data element name. Requester:
CFMS

Service Units Qualifier

[181 018 CC] 320 B 140 L003 221

See appendix 10.F for code list. (Loop 300)

CHANGE NOTE: Change convention note. Requester: CFMS

Service Description

[186 018 CH] 320 B 150 L112 276

Some accessorial services like split-pickup and delivery
require a Standard Point Location Code to describe where
the service was performed. This information is required to
determine the charge for the service. See appendix 10.F for
the application of this data element. (Loop 300)

CHANGE NOTE: Change convention note. Requester: CFMS

Pickup Service Furnished Time [190 018 CK] 300

CHANGE NOTE: DELETED. Not required for costing a shipment. Requester: CFMS

Shipment Net Weight [202 018 LG] 200 B 140 L004 81

Qualify in L005 and L011. The net weight of the shipment. Net weight = freight weight + skid weight + pallet weight + dunnage weight. (Loop 200)

CHANGE NOTE: Clarify net weight formula in convention note. Requester: CFMS

Stop Off Reason Code [223 023 A] 80 A 450 S502 163 LD - Load
UL - Unload

CHANGE NOTE: Delete codes. Requester: CFMS

Stop Off Name Of Party To Receive Shipment Qualifier [227 023 D] 80 A 490 N101 98 LP - Loading Party
UP - Unloading Party

CHANGE NOTE: Delete codes. Requester: CFMS

Stop Off DoDAAC Qualifier [228 023 D1] 80 A 490 N103 66 10 - DoD Activity Address Code (DoDAAC)

CHANGE NOTE: NEW DATA ELEMENT required for costing a shipment. Requester: CFMS

Stop Off DoDAAC [228 023 D2] 80 A 490 N104 67

CHANGE NOTE: NEW DATA ELEMENT required for costing a shipment. Requester: CFMS

FREIGHT GBL CHANGES BY REQUESTOR
DATA NAME INDEX

Data
Grp TBL POS REF
DE # VALUE

DOD CONVENTION

Primary Equipment Initials

(242 024 A) 50 A 330 N701 206

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)

CHANGE NOTE: Define 'primary equipment'. Specify that this segment is for primary equipment. Change data element name and convention notes. Requester: CFMS

Primary Equipment Numbers

(243 024 B) 50 A 330 N702 207

Use to describe railcars and trailers. If specific equipment is not ordered, carry the word 'NONE' in this data element.

CHANGE NOTE: Define 'primary equipment'. Specify that this segment is for primary equipment. Changed dod data name and convention note. Requester: CFMS

Primary Equipment Initials (line item)

(244 024 C) 50 B 20 N701 206

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.

CHANGE NOTE: This used to be called conveyed equipment. For multi equipment shipment, carry primary equipment in this data element. Change dod data name and convention note. Requester: CFMS

Primary Equipment Numbers (line
item)

[245 024 D] 60 B 20 N702 207

This data element satisfies intransit visibility requirements for multi-equipment shipments. It describes numbers on the furnished primary equipment in/on which the commodity is conveyed.

CHANGE NOTE: This used to be called conveyed equipment. For multi-equipment shipment, carry primary equipment in the segment. Changed dod data name and convention note. Requester: CFMS

Secondary Equipment Initials

[246 024 E] 60 A 335 NA04 207

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: Define 'secondary' equipment. Change dod data name and convention note. Requester: CFMS

Secondary Equipment Numbers

[247 024 F] 60 A 335 NA03 206

CHANGE NOTE: Define 'secondary' equipment. Change dod data name. Requester: CFMS

Shipper Equipment Numbers

[247 TTS A] 60 B 30 NA03 206

Shipper equipment is that equipment/vehicle which is supplied/owned by the shipper. This includes DROMs and containers. Shipper owned vehicles like trucks, tanks, and tanks are identified using the VC segment. See index 1156 018 AAAI for mapping of vehicles information.

CHANGE NOTE: Define 'shipper owned' equipment. Changed dod data name and convention note. Requester: CFMS

FREIGHT GBL CHANGES BY REQUESTOR
DATA NAME INDEXData
Grp

TBL POS

REF
DES

DE #

VALUE

DoD CONVENTION

Shipper Equipment Initials

(247 TTS B) 60 B 30 NA04 207

Use "DODV" for any DoD van and container. Use "DROM"
for commodity equipment.CHANGE NOTE: Define 'shipper owned' equipment. Changed
dod data name. Requester: CFMSLength Capacity Primary
Equipment Ordered

(251 024 K) 60 A 350 N601 567

Implied decimal. Format is FFFI where 8000 is 80 ft.

CHANGE NOTE: Note the new definition of primary
equipment. Changed dod data name. Requester: CFMSCube Capacity Primary
Equipment Ordered

(252 024 L) 60 A 350 N603 203

In cubic feet.

CHANGE NOTE: New primary equipment definition. Changed
dod data name. Requester: CFMSLength Capacity Primary
Equipment Furnished

(253 024 M) 60 A 330 N715 567

Equipment length in FFFI format.

CHANGE NOTE: New primary equipment definition. Changed
dod data name. Requester: CFMS

Cube Capacity Primary
Equipment Furnished

[254 024 N] 60 A 330 N708 183

Qualify in N709.

CHANGE NOTE: New primary equipment definition. Changed
dod data name. Requester: CFMS

Cube Capacity Primary
Equipment Furnished Qualifier

[255 024 O] 60 A 330 N709 184 E - Cubic Feet

If cube capacity carrier equipment furnished is used, this
qualifier must appear.

CHANGE NOTE: New primary equipment definition. Change
dod data name. Requester: CFMS

Weight Capacity Primary
Equipment Ordered

[256 024 P] 60 A 350 N502 233

Express in 1000 lb units.

CHANGE NOTE: New primary equipment definition. Change
dod data name. Requester: CFMS

Weight Capacity Primary
Equipment Furnished

[257 024 Q] 60 A 330 N703 81

Express in 100 lb units. Qualify in N704.

CHANGE NOTE: New primary equipment definition. Change
dod data name. Requester: CFMS

Weight Capacity Primary
Equipment Furnished Qualifier

[258 024 R] 60 A 330 N704 187 N - Actual Net Weight

If weight capacity carrier equipment furnished is used, this
qualifier must appear.

CHANGE NOTE: New primary equipment definition. Change
dod data name. Requester: CFMS

FREIGHT GBL CHANGES BY REQUESTOR
DATA NAME INDEX Data Grp TBL POS REF DES DE # VALUE DoD CONVENTION

Date Primary Equipment Furnished (259 024 S) 10 A 110 G6202 373

Use format YYMMDD. Qualify in G6201.

CHANGE NOTE: New primary equipment definition. Change
dod data name. Requester: CFMS

Date Primary Equipment
Furnished Qualifier (260 024 T) 10 A 110 G6201 432 83 - Equipment Furnished Date

CHANGE NOTE: New primary equipment definition. Change
dod data name. Requester: CFMS

Type Of Equipment Ordered (271 027 A) 60 A 350 N504 301

Valid equipment code lists can be found in Appendix 10.E.
Left justify the MIMC type equipment code and fill to the
right with the lowercase 'x' until a length of four
characters is reached. This mapping is temporary until the
DoD can agree with industry on a solution to equipment
type identification which will meet Government requirements.

CHANGE NOTE: Need a temporary mapping that will
accommodate a 2 to 3 position equipment code. Mapping
was changed from N509. Convention note was changed.
Requester: CFMS

Issuing Office (IU) GBLOC (289 033 I) 78 A 420 N405 309 BL - Government Bill of Lading Office Code (GBLOC)

Request new X12 code.

CHANGE NOTE: Code value correction. Requester: CFMS

DEPARTMENT OF DEFENSE
EDI CONVENTION

GOVERNMENT BILL OF LADING
858 003010

FOB Point Qualifier 1290 033 AJ 79 A 390 N101 98 CHANGE NOTE: NEW DATA ELEMENT. Requester: CFMS

FOB Point 1290 033 BJ 79 A 390 N102 93 Carry string "FOB Point" in this data element.

CHANGE NOTE: NEW DATA ELEMENT. Requester: CFMS

FOB SPLC 1291 033 MJ 79 A 420 N406 310 CHANGE NOTE: NEW DATA ELEMENT. Requester: CFMS

Defense Transportation Tracking
System Reporting Qualifier 1006 IIS AJ 10 A 30 BX10 160 R - Automatic Status Report Requested

CHANGE NOTE: Requester: CFMS

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Transportation Company
Dispatcher Contact Qualifier 1013 IIS AJ 70 A 440 PER01 366 EM - Emergency Contact

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Transportation Company
Dispatcher Telephone Number
Qualifier 1013 IIS BJ 70 A 440 PER03 365 TE - Telephone

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Transportation Company
Dispatcher Telephone Number 1013 IIS CJ 70 A 440 PER04 364

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

FREIGHT GBL CHANGES BY REQUESTOR											
DATA NAME		INDEX	Data Grp	TBL	POS	REF DES	DE #	VALUE	DoD CONVENTION		
Destination (ST) Contact Qualifier		<u>1027 IIS AJ</u>	71	A	440	PER01	366	EM	- Emergency Contact		
CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS											
Destination (ST) Phone Number Qualifier		<u>1027 IIS BJ</u>	71	A	440	PER03	365	AU TE	- Autovon - Telephone		
CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS											
Destination (ST) Contact Phone Number		<u>1027 IIS CJ</u>	71	A	440	PER04	364	Both commercial and AUTOVON numbers are required for ammunition shipments.			
CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS											
Origin (SF) Contact Qualifier		<u>1039 IIS AJ</u>	72	A	440	PER01	366	EM	- Emergency Contact		
CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS											
Origin (SF) Phone Number Qualifier		<u>1039 IIS BJ</u>	72	A	440	PER03	365	AU TE	- Autovon - Telephone		
CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS											

Origin (SF) Contact Phone
Number

1039.IIS.CJ 72 A 440 PER04 364

Both commercial and AUTOVON phone numbers are needed
for ammunition shipments.

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Actual Surveillance
Service/Requesting Party

1089.015.AJ 10 A 200 H302 153 MMS - Motor Surveillance (12 hour calls)
MVS - Motor Surveillance (8 hour calls)
SMS - Satellite Motor Surveillance

Use the X12 code from appendix F to indicate the actual
surveillance service provided. The surveillance service
ordered appears in H301. 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.

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Load Use Qualifier

1101.IIS.AJ 190 A 280 NTE01 363 LOI - Load Use Description

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Load Use Instructions

1101.IIS.HJ 190 A 280 NTE02 3

Use character strings "EXCLUSIVE" or "NONEXCLUSIVE" to
indicate load use instruction.

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

DoD Classification Instructions
Qualifier

1101.IIS.CJ 190 A 280 NTE01 363 CLR - Security Clearance Instructions

This data element needs to be remapped to the line item
level upon the next ASC X12 858 version release update.

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

FREIGHT GBL CHANGES BY REQUESTOR
DATA NAME

DoD CONVENTION

INDEX

Data
Grp TBL POSREF
DES

DE #

VALUE

DoD Classification Instructions

[101 ITSD]

190 A

280

NTE02 3

C - Classified
S - Secret
U - Unclassified

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Hazmat - Reportable Quantity

[136 017 AMS]

190 B

180

LH205

759

RQ

- Reportable Quantity

Indicates a reportable quantity is present in the shipment.

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Requisition Number Qualifier

[154 015 A]

100 B

100

N901

128

RQ

- Purchase Requisition Number

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Requisition Number

[154 015 B]

100 B

100

N902

127

The requisition number which corresponds to the line item
is carried in this data element.

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Security Risk Number Qualifier

[164 018 AHA]

190 B

100

N901

128

M6

- Military Ordnance Security Risk Number *

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Security Risk Number

1164 018 AHB 190 B 100 N902 127

- SRC-1 Highest Sensitivity
- SRC-2 High Sensitivity
- SRC-3 Moderate Sensitivity
- SRC-4 Low Sensitivity
- SRC-5 Highest Sensitivity
- SRC-6 Highest Sensitivity
- SRC-7 Moderate Sensitivity
- SRC-8 High Sensitivity
- Confidential
- Secret
- Uncontrolled/Unclassified

1 2 3 4 5 6 7 8 C S U

Code source: Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives (DoD 5100.76-M Change 3-Reprint November 1987). Available from: see X12 CODE SOURCE No. 260.

CHANGE NOTE: NEW DATA ELEMENT. Requester: DTTS

Seals On Shipper Owned Equipment

1247 IIS C 60 B 40 M701 225

Used to describe seal applied to equipment (Containers, DROMs) owned by the shipper.

CHANGE NOTE: NEW DATA ELEMENT. Need to carry seals on shipper owned equipment. Requester: DTTS

Tractor Number Qualifier

1248 IIS A 60 A 360 REF01 128 EQ - Equipment Number

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 ammunition shipments.

CHANGE NOTE: NEW DATA ELEMENT. Need tractor number for ammunition shipments. Requester: DTTS

Tractor Number

1248 IIS B 60 A 360 REF02 127

The identifying marks assigned to a power unit (tractor).

CHANGE NOTE: NEW DATA ELEMENT. Need tractor number for ammunition shipments. Requester: DTTS

FREIGHT GBL CHANGES BY REQUESTOR
DATA NAME INDEX Data Grp TBL POS REF DES DE # VALUE DoD CONVENTION

Change Notice Qualifier [076 015 G1] 10 A 280 NTE01 363 CHG - Change
CHANGE NOTE: NEW DATA ELEMENT. Requester: GSA

Change Notice [076 015 G2] 10 A 280 NTE02 3
CHANGE NOTE: NEW DATA ELEMENT. Requester: GSA

Freight Rate [112 015 SH] 400 B 150 L102 60
Enter freight rate applied to the shipment of the commodity. (Loop 400)

CHANGE NOTE: New convention note. Requester: LMIB

State Code (SD) [024 005 H] 21 A 420 N402 156
CHANGE NOTE: Changed data name from country code to state code. Changed mapping to correct data element. Requester: LMIC

Consignee (CN) GBLOC Qualifier [053 010 A] 73 A 420 N405 309 BL - Government Bill of Lading Office Code (GBLOC)
If consignee GBLOC is used, this qualifier must appear. Request new X12 code.

CHANGE NOTE: Code value change from 27 to BL. Requester: LMIC

Type Of Rate Qualifier [113 030 AJ] 400 B 150 L109 121 A - All other types of rates
C - Commodity or volum tariff rate
L - Class tariff rate
QUO - Section 10721 tender quotation rate
Y - Exception rating
Z* - Not identifiable

(Loop 400)

CHANGE NOTE: New index to group this data element with other LX 400 loop information. Requester: LMIC

100 Detail - Line Item
Description Loop

[119 016 I] 100 B 10 LX01 554 100 - Line Item Description Loop

A shipment unit is identified by a single Transportation Control Number (TCN). Each commodity description cites the TCN it is grouped under. A shipment unit may cite multiple commodities. Data group 100, commodity header information, describes one commodity (NMEC, UEC, DoD unique). An LX 100 loop is generated for each 100 data group. The commodity detail information, data group 120, describes the type pack information in the 10 loop. There can be multiple type packs for line item (Loop 100)

CHANGE NOTE: Clarify convention note. Requester: CFMS

CHANGE NOTE: Add looping logic tables to appendix and describe the new data grouping technique in introduction of chapter 10.5. Requester: LMIC

Hazmat - DoD Identification
Code (DoDIC) Qualifier

[142 017 AQ] 190 B 210 LHR01 128 U - Department of Defense Identification Code (DoDIC)
Code value should be read as "one eye". (Loop 100)

CHANGE NOTE: Update code value. Requester: LMIC

DEPARTMENT OF DEFENSE
EDI CONVENTION

GOVERNMENT BILL OF LADING
858.003010

FREIGHT GBL CHANGES BY REQUESTOR
DATA NAME

INDEX

Data
Grp

TBL POS

REF
DES

DE #

VALUE

DoD CONVENTION

Shipment Freight Weight

[213 018 TA] 200 B 140 L004 81

Qualify in L005 and L011. The freight weight of a
shipment is defined as: Freight Wt = Net Wt - Skid Wt -
Pallet Wt - Dunnage Wt. The freight weight for all
commodities should be accumulated and carried in the data
element. (Loop 200)

CHANGE NOTE: Corrected Freight Wt. formula in convention
note. Requester: LMIC