

Department of Defense

DoD Transportation Electronic Business (DTEB) Convention

ASC X12 Transaction Set 858 Shipment Information (Version 004010) – Freight Bill of Lading Shipment Information

VERSION 22

October 4, 2023

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CONTENTS

- 1.0 Introduction
- 2.0 CONTROL SEGMENTS
- 3.0 STANDARD IMPLEMENTATION CONVENTION
- 4.0 IC ELEMENT MATRIX
- 5.0 IC ELEMENTS IN EDI FORMAT
- 6.0 IC CODE LISTS
- 7.0 Reserved
- 8.0 Reserved
- 9.0 Additional Information for the Developer

October 4, 2023 VERSION 22 i.1

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Section 1.0

INTRODUCTION

This implementation convention (IC) describes the convention the Department of Defense will use to exchange Bills of Lading using the ASC X12 Transaction Set 858 Shipment Information (Version 004010) in support of the Defense Transportation community's Electronic Business (DTEB) program. The copyright on the ASC X12 standards is held by the Data Interchange Standards Association on behalf of ASC X12.

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

United States Transportation Command Transcom.scott.tcj6.mbx.dteb-committee@mail.mil

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

https://www.ustranscom.mil/cmd/associated/dteb/dod-transportation.cfm

Who Needs to Use This Document?

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

Why Use a Convention?

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

Contents

Additional sections are included in this document.

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

858.R.004010

What's New In Version 22

Added in Version 22 DM Number DM Description

Approval Date

9/22/2023

1340

In the 858.R.004010 Version 22, at section 3 Ref SL101 Data Element 284, add the code AE with description "Extended".

20231004 VERSION 22 1.3

858.R.004010

Added in Version 21

DM Number DM Description

Approval Date

In the FA201, Breakdown Structure Detail Code, DE 1196, add the following code values:

8/31/2022

- 89, [Migration code Version 004020] modifying the definition from 'Budget Line Item Identification' to 'Budget Line Item'
- 90, [Migration code Version 004020] modifying the definition from 'Project/task' to 'Project Identifier'
- AI, [Migration code Version 007020] 'Activity Identifier'
- BE, [Migration code Version 007020] 'Business Event Type Code'
- C3, modifying the definition from 'Budget Restriction' to 'Availability Type'
- CC, [Migration code Version 007020] 'Cost Center Identifier'
- FA, [Migration code Version 007020] 'Functional Area'
- FC, [Migration code Version 007020] 'Funding Center Identifier'
- FT, [Migration code Version 004030] 'Funding Type'
- H1, modifying the definition from 'Cost Code' to 'Cost Element Code'
- IA, [Migration code Version 007020] 'Security Cooperation Implementing Agency Code'
- P1, Modifying the definition from 'Disbursing Station Number' to 'Agency Disbursing Identifier Code'
- S1, [Migration code Version 007020] modifying the definition from 'Security Cooperation Customer Code' to 'Security Cooperation'
- S2, [Migration code Version 007020] modifying the definition from 'Security Cooperation Case Designator' to 'Security Cooperation'
- WO, [Migration code Version 007020] 'Work Order Number'
- YB, [Migration code Version 007020] 'Beginning Period of Availability Fiscal Year Date'
- YE, [Migration code Version 007020] 'Ending Period of Availability Fiscal Year Date'

In the FA201, Breakdown Structure Detail Code, DE 1196, change the following code values:

- A1, modify the definition from 'Department Indicator' to 'Department Regular'
- A2, modify the definition from 'Transfer From Department' to 'Department Transfer'
- A4, modify the definition from 'Basic Symbol Number' to 'Main Account'
- A6, modify the definition from 'Sub-Account Symbol' to 'Sub Account'
- B2, modify the definition from 'Budget Sub-activity Number' to 'Sub-Allocation'
- L1, modify the definition from 'Accounting Installation Number' to 'Agency Accounting Identifier'

858.R.004010

Added in Version 20 DM Number DM Description

Approval Date

1326

At index 127 of the L0 segment, modify usage note to change from "Shipper systems do not need to provide the Dimensional Weight" to

"Shipper systems must provide the Dimensional Weight".

8/18/2021

Added in Version 19 DM Number DM Description

Approval Date

1324

At Position 130 Detail, L504, DE-23, (Must Use), please add code values "A" and "J".

3/30/2021

--"A" – Harmonized Tariff Schedule of the United States Annotated, Classification of Imported merchandise for rate of duty and statistical purposes --"J" – Harmonized System-Based Schedule B, Classification of Exported merchandise

-At Position 100 Detail, N901, DE-128, (Mandatory Use), please add code values "HS", "JY" and "LY".

--"HS" – Harmonized Code System (Canada)

--"JY" - Origin of Shipment Harmonized-Based Code,

Harmonized code of the commodity in the country which is the origin of the shipment

--"LY" – Destination of Shipment Harmonized-Based Code, Harmonized code of the commodity in the country which is the shipping destination.

Added in Version 18 DM Number DM Description

Approval Date

1322

: In Section 4 at Index [175-04] Service Charge - L104 DE 58 - The DoD Recommended Attribute Min/Max needs to be increased from "1/8" to "1/10".

In Section 4 at Index [192-04] Not Lowest Cost Charge Difference - L104 DE 58 - The DoD Recommended Attribute Min/Max needs to be increased from "1/8" to "1/12".

2/4/2021

858.R.004010

Added in Version 17 DM Number DM Description

Approval Date

1306

To accommodate the new Global Heavyweight Service (GHS)

contract, additional accessorial

codes are needed in the 858R. In section 6 on the table for

Accessorial/Protective Service for Air

Shipments (table) used in the H301, DE152 at index [32-01] and the

L108, DE150 at index

[173-08] add the following X12 codes:

X12 Code| X12 Description |DoD Definition (* denotes borrowed code from DE 150)

- * Z11 | Protective Service Rule 518 | Temperatures maintained at 32° Fahrenheit and below
- * Z12 | Protective Service Rule 530 | Temperatures maintained at or above 33° Fahrenheit and at or below 49° Fahrenheit
- * Z13 | Protective Service Rule 531 | Temperatures maintained at or above 50° Fahrenheit and at

or below 67° Fahrenheit

UNCLASSIFIED

- * Z14 | Protective Service Rule 545 | Temperatures maintained at or above 68° Fahrenheit and at or below 86° Fahrenheit
- * ACF | Access Charge Federal | Air Carrier Refrigerated

Trucking used in extenuating

circumstances that exceed the Transportation Service Provider's current door-to-door commercial air capability.

* ACH | Access Charges | Air Carrier Trucking used in extenuating circumstances that exceed the

Transportation Service Provider's current door-to-door commercial air capability.

* RIE | Released Value Charge in Excess of Carrier Maximum Liability Charge | Transportation

Service Provider wet ice re-icing for heavyweight air (less-thanplaneload) door-to-door service

* RID | Riding Attendant Charge | Transportation Service Provider dry ice re-icing for

heavyweight air (less-than-planeload) door-to-door service * LDS | Locomotive Delayed in Switching Service | Transportation

Service Provider furnished

Life and Death Emergency On-board Courier Service for heavyweight air (less-than-planeload) door-to-door service

In Section 6 at index [32-01] Accessorial/Protective Service Ordered Identifier H301 DE 152, associate the

identified H301 DE 152 [32-01]

Accessorial/Protective Service for Air Shipments

(table) codes to the following Service Unit/Rate Qualifier Codes for both L003 DE 221 [174-03] and L103 DE 122 [175-03]:

X12 Code == L003 DE 221 [174-03] == L103 DE 122 [175-03]

3/29/2019

858.R.004010

Z11 == EA == PS, LB Z12 == EA == PS, LB Z13 == EA == PS, LB Z14 == EA == PS, LB ACF == EA == VT, MN, PS ACH == EA == VT, MN, PS RIE == EA == ER, PS RID == EA == ER, PS LDS == EA == PS

Added in Version 16

DM Number DM Description

Approval Date

1301

Add language to N722 at Index 43-22 stating the following: "Left justify the code and fill to the right with the lower case 'x' until a length of four characters is attained."

3/13/2019

Added in Version 15

DM Number DM Description

Approval Date

2/19/2019

1296

In Section 6 at index [32-01] Accessorial/Protective Service Ordered Identifier H301 DE 152, associate the identified L103 DE 122 [175-03] Rate Qualifier Codes to the Accessorial/Protective Service for Air Shipments (table) for the following X12 Codes:

X12 Code == L103 DE 122 [175-03] Code(s)

003 == PS

015 == PS, FR

020 == PS

520 == PS

535 == PS, LB, MN

593 == PS

665 == PS, LB, MN

670 == PS, LB, MN

AAT == PS, FR

AIR == PS

DOC == PS, FR

ECR == PS

EVC == PS, MN, DH(migrated code see Freight Rate Qualifier

table for definition)

HMA == PS, LB, MN

HMI == PS, LB, MN

MSG == PS

PDY == PS, LB, MN

20231004 VERSION 22 1.7

Added in Version 14 DM Number DM Description

Approval Date

1293

To accommodate the DFTS contract, additional equipment type codes are needed in the 858R. At Indexes 43-22 (N722, DE 24)and 47-04 (N504, DE 301), request the addition of the following equipment type codes.

AQ3 – Removable Gooseneck, 3 Axles

AQ4 – Removable Gooseneck, 4 Axles

AQ5 – Removable Gooseneck, 5 Axles

AQ6 – Removable Gooseneck, 6 Axles

AQ7 – Removable Gooseneck, 7 Axles

AQ8 – Removable Gooseneck, 8 Axles

AQ9 – Removable Gooseneck, 9 Axles

AQ0 - Removable Gooseneck, 10 Axles and Over

AW2 – Expandable Removable Gooseneck, 2 Axles

AW3 – Expandable Removable Gooseneck, 3 Axles

AW4 – Expandable Removable Gooseneck, 4 Axles

AW5 – Expandable Removable Gooseneck, 5 Axles

AW6 – Expandable Removable Gooseneck, 6 Axles

AW7 – Expandable Removable Gooseneck, 7 Axles

AW8 – Expandable Removable Gooseneck, 8 Axles

AW9 – Expandable Removable Gooseneck, 9 Axles

AW0 – Expandable Removable Gooseneck, 10 Axles and Over

AX2 – Jig Trailer, 2 Axles

AX3 – Jig Trailer, 3 Axles

AX4 – Jig Trailer, 4 Axles

AX5 – Jig Trailer, 5 Axles

AX6 – Jig Trailer, 6 Axles

AX7 – Jig Trailer, 7 Axles

AX8 – Jig Trailer, 8 Axles

AX9 – Jig Trailer, 9 Axles

AX0 – Jig Trailer, 10 Axles and Over

A18 – Propeller Trailer

10/9/2018

858.R.004010

Added in Version 13 DM Number DM Description

Approval Date

1279

Remove "Accessorial Service for Tailored Transportation Contract

4/12/2018

Traffic Shipments" code list from the section 6 material

Added in Version 12

DM Number DM Description

Approval Date

12/26/2017

1271

To accommodate the DFTS contract, additional accessorial codes are needed in the 858R. In Section 6 tables, request to add the following

X12 Codes:

X12 Code - X12 Description - Section 6 segment(s)

DSC - Discount - Rail, Air, Motor, Misc

FCB - Freight Charge to Border - Rail, Air, Motor, Misc

LFT - Lift Gate (Truck) or Forklift Service at Pick-Up/Delivery - Air,

Motor, Misc

LHS - Linehaul Service - Motor

REP - Residential Pick-up - Air, Motor, Misc

RES - Residential Delivery - Air, Motor, Misc

Added in Version 11

DM Number DM Description

Approval Date

9/25/2017

1258

In the 858, at index 26, request to add:

Index 26-02

Data Name: Contact Name

Mandatory AN 1/60

20231004 VERSION 22 1.9

858.R.004010

Added in Version 10 DM Number DM Description

Approval Date

5/20/2016

1225

1. In Section 6 for the H301, DE 152, at index [32-01] and L108, DE 150, at index [173-08] add the following code under the Accessorial / Protective Service for Air Shipments table: Code == X12 Definition == DOD Definition (* denotes borrowed

PUC == Pick-up Charge == Urgent Pickup Service

2. Add the following code under the Accessorial / Protective Service for Motor Shipments table:

Code == X12 Definition == DOD Definition (* denotes borrowed code)

PUC == Pick-up Charge == Urgent Pickup Service

3. Add the following codes under the Accessorial Service for Rail Shipments table:

Code == X12 Definition == DOD Definition

490 == Minimum Air Transportation Charge == Crane Operator at Destination

505 == Missing Account NBR Charge == Crane Operator at Origin

DTB == Detention (Labor) == Detention of Vehicles

FCS == Furnishing Chassis == Furnishing Chassis for COFC Shipments

LIE == Liability of Carrier Charge == Liability of Transportation

Service Provider

PUC == Pick-up Charge == Urgent Pickup Service

RCC == Reconsignment Charge == Reconsignment/Diversion

SRG == Storage

SRS == Surveying Routes

1222 In the N9 Segment of the HL loop, request to add 2 indices for the shipment unit level contract number and purchase order number. Indices should be added after the Requisition Number and before the TCN. Proposed structure is: Index: 100

DG: 100

Data Name: N9 SEGMENT – Shipment Unit Contract Number SEGMENT CONDITION: Use this segment if the contract number

used to purchase the shipment unit is available.

Conditional Segment

Index: 100-01

4/29/2016

858.R.004010

DG: 100

Data Name: Authority Number (Contract) Qualifier

CT - Contract Number Mandatory ID 2/2 Index: 100-02 DG: 100

Data Name: Authority Number (Contract)

The contract number which corresponds to the shipment unit.

Mandatory AN 1/30 Index: 100-03 DG: 100

Data Name: Authority Number (Contract) Date

Conditional DT 8/8

Index: 101 DG: 100

Data Name: N9 SEGMENT – Shipment Unit Contract Number SEGMENT CONDITION: Use this segment if the purchase order (PO) number used to purchase the shipment unit is available.

Conditional Segment

Index: 101-01 DG: 100

Data Name: Authority Number (PO) Qualifier

PO - Purchase Order Number

Mandatory ID 2/2 Index: 101-02 DG: 100

Data Name: Authority Number (PO)

The PO number which corresponds to the shipment unit.

Mandatory AN 1/30 Index: 101-03 DG: 100

Data Name: Authority Number (PO) Date

Conditional DT 8/8

Added in Version 9

DM Number DM Description

Approval Date

1217

In section 6 on the table for Accessorial/Protective Service for Motor Shipments used in the H301, DE152 at index [32-01] and the L108, DE150 at index [173-08] add the following X12 codes with associated DOD definitions:

Code Value == X12 Definition == DOD Definition

Z01 == Protective Service Rule 25 == Motor Surveillance (1-hour

calls)

Z04 == Protective Service Rule 75 == Motor Surveillance (4-hour

calls)

Z08 == Protective Service Rule 165 == Motor Surveillance (8-hour

calls)

For each of these codes add a DOD implementation note that reads: "Only available for use on CONUS based motor freight movements where Satellite Motor Surveillance (code SNS) is not applied."

3/14/2016

858.R.004010

Added in Version 8

DM Number DM Description

Approval Date

1215	In the H301, DE 152 at index 32-01 and in Section 6 for the Accessorial/Protective Service for Air Shipments table add the	1/11/2016
	following X12 codes and associated DOD definitions:	
	Code == X12 Definition == DOD Definition 665 == Saturday Delivery	
	670 == Saturday Pick-Up	
1214	In the L102, DE 56 at index 176-12, add the following X12 codes and associated DOD definitions (* denotes borrowed code): Code == X12 Definition == DOD Definition	12/18/2015
	DA == Door-to-Airport of Debarkation	
	*RD == Ramp to Door == Denote to mean Airport to Door	

Added in Version 7 DM Number DM Description

Approval Date

IVI INUIIIUCI	Divi Description	
1207	In the L103, DE 122 at index 185-03 and in Section 6 add the approved X12 code 'LB - Per Pound'	11/19/2015
1206	In the H301, DE 152 at index 32-01 and in Section 6 for the Accessorial/Protective Service for Air Shipments table add the following X12 codes and associated DOD definitions (* denotes borrowed code from DE 150): Code == X12 Definition == DOD Definition * 003 == Account Number Correction Charge * 020 == Address Correction *015 == Add on - Origin == Denote to mean BAHRAIN Certificate of Origin Fee * 535 == Pickup - Out of Area == Denote to mean Pickup Beyond Service Area Charge * 593 == Re-Bill Charge * AAT == Handling Charge Tax == Denote to mean DJIBOUTI Harmonized System Code * DOC == Documentation Charge == Denote to mean DJIBOUTI Documentation Fee HMA == Accessible Hazardous Material HMI == Inaccessible Hazardous Material * MSG == Miscellaneous Charge * PDY == Pickup and Delivery Beyond Service Area Charge == Denote to mean Delivery Beyond Service Area Charge	11/13/2015

858.R.004010

Added in Version 6 DM Number DM Description

Approval Date

1189

For the BX02 at index 2-02 we need codes added to the section 6

8/31/2015

listing for Transportation Method Code (Mode Code). The codes to be added

are: D Parcel Post 6 Military Official Mail

AE Air Express

A Air

L Contract Carrier

Added in Version 5 DM Number DM Description

Approval Date

1184

At index 193 insert new L1 segment as 'Conditional' in data group 600 with DoD segment name "Transportation Working Capital Fund (TWCF) Recovery Fee". Add segment condition note that reads: "SEGMENT CONDITION: Required if and only if L0 SEGMENT - Transportation Working Capital Fund (TWCF) Recovery Fee Loop Identifier is used."

At index 193-02 add new L102, DE 60 with DoD attributes of Conditional,

R, 1/7 and DoD definition of "TWCF Recovery Fee

Rate". Add element condition note that reads: "Used to pass the TWCF

Recovery Fee rate applied per the DFTS contract."

At index 193-03 add new L103, DE 122 with DoD attributes of

Conditional, ID, 2/2 and DoD definition of "TWCF Recovery Fee

Qualifier". Add code value 'PS – Per Shipment'.

At index 193-04 add new L104, DE 58 with DoD attributes

Mandatory, N2, 1/8 and DoD definition of "TWCF Recovery Fee".

Add element usage note that reads: "The charge allowed for TWCF

recovery fee."

At index 193-08 add new L108, DE 150 with DoD attributes

Mandatory, ID, 3/3 and DoD definition of "TWCF Recovery Fee

Service Identifier". Add code value '615 – Recovery Fee' with DoD

definition of "Use '615' to denote Transportation Working Capital

Fund (TWCF) Recovery Fee".

1183 At index 192 insert new L0 segment as 'Conditional' in data group

600 with DoD segment name "Transportation Working Capital Fund

(TWCF) Recovery Fee Loop Identifier". Add loop condition note

that reads: "LOOP CONDITION: Required if and only if HL SEGMENT - Transportation Working Capital Fund (TWCF)

Recovery Fee Loop is used."

At index 192-01 add new L001, DE 213 with DoD attributes of Mandatory,

N0, 3/3 and DoD definition of "TWCF Recovery Fee

Loop Identifier". Add element usage note that reads: "Use value

'600' to indicate TWCF Recovery Fee loop."

6/18/2015

6/18/2015

858.R.004010

1182	At index 191 insert new HL segment as 'Conditional' in data group 600 with DoD segment name "HL SEGMENT - Transportation Working Capital Fund (TWCF) Recovery Fee Loop". Add loop condition note that reads: "LOOP CONDITION: Required for all Defense Freight Transportation Services (DFTS) shipments." At index 191-01 add new HL01, DE 628 with DoD attributes of Mandatory, N0, 1/12 and DoD definition of "Detail – TWCF Recovery Fee Loop". Add element usage note that reads: "Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the loop used to describe the TWCF recovery fee associated to DFTS shipments." At index 191-03 add new HL03, DE 735 with DoD attributes of Mandatory, ID, 2/2. Add element usage note that reads: "This code identifies the TWCF Recovery Fee Loop." Add code value 'CT – Cost Type' with DoD definition of "Use 'CT' to denote Transportation Working Capital Fund (TWCF) Recovery Fee".	6/18/2015
1181	Change the NTE02, DE352, at index [112-02] DoD element name from "DTCI Offer Record Number" to "3PL Offer Record Number".	6/18/2015
1180	Change the NTE01, DE363, at index [112-01] DoD element name from "DTCI Offer Record Number Qualifier" to "3PL Offer Record Number Qualifier". Change code value 'UPI' DoD definition to read "Use 'UPI' to denote 3PL Offer Record Number Qualifier."	6/18/2015
1179	Change the NTE at index [112] DoD segment name from: "DTCI Offer Record Number" to "3PL Offer Record Number". Change segment usage note to read: "SEGMENT CONDITION: Use for 3PL coordinated shipments (DTCI or DFTS) only. Required for 3PL coordinated shipments. Matches the shipper's offer record numbers that appear in corresponding 219 Transportation Service Request and a 220 Transportation Service Response."	6/18/2015
1178	Change the R202, DE133, at index [29-02] element usage note to read: "Use 'B' for 3PL shipments (DTCI or DFTS) to indicate the carrier the 3PL coordinator assigned to the shipment."	6/18/2015
1177	Change the R201, DE140, at index [29-01] element usage note to read: "For non-3PL coordinated shipments (DTCI or DFTS) enter SCAC of interline and destination carrier(s) in sequence after origin carrier. The origin carrier should not be included in an interline list. For 3PL coordinated shipments (DTCI or DFTS), enter the SCAC of the carrier to whom the 3PL coordinator assigned the shipment."	6/18/2015

858.R.004010

1176	Change the R2 at index [29] DoD segment name from: "Interline or DTCI Carrier" to "Interline or 3PL Carrier". Change segment usage note to read: "SEGMENT CONDITION: For non-3PL coordinated shipments (Defense Transportation Coordination Initiative (DTCI) or Defense Freight Transportation Services (DFTS)) use this segment if interline carriers are used during shipment. However, shipper systems are not required to provide Interline Carrier Routing information for rail movements. For 3PL shipments (DTCI or DFTS), use this segment to identify the carrier to whom the 3PL coordinator has assigned the shipment."	6/18/2015
1175	Change the G6201, DE432, at index [19-01] element usage note to read: "This qualifier must appear if desired/required delivery date is used. Under applicable ocean contracts, the Contract Delivery Date will take precedence over the Required Delivery Date. Code '67' used only for 3rd Party Logistics (Defense Transportation Coordination Initiative (DTCI) or Defense Freight Transportation Services (DFTS)) shipments."	6/18/2015
1174	Change the N902, DE127, at index [15-02] DoD element name from: "DTCI Coordinator Internal Order Number" to "3rd Party Logistics (DTCI or DFTS) Internal Order Number". Change element usage note to read: "Enter the internal order number assigned by the 3rd Party Logistics (DTCI or DFTS) coordinator's transportation management system and provided in the EDI Transportation Service Response transaction to the shipper."	6/18/2015
1173	In the N901, DE128, at index [15-01] add code "RE - Release Number" with DoD usage note that reads: "Use 'RE' to denote Defense Freight Transportation Services (DFTS) Internal Order Number"	6/18/2015
1172	Change the N9 at index [15] DoD segment name from: "DTCI Coordinator Internal Order Number" to "3rd Party Logistics Coordinator Internal Order Number". Change segment usage note to read: "SEGMENT CONDITION: Use for shipments with an internal order number assigned by a 3rd Party Logistics (DTCI or DFTS) coordinator's transportation management system and provided in the EDI Transportation Service Response transaction to the shipper."	6/18/2015
1171	In the BX05, DE140, at index [2-05] change forth sentence of the element usage note to read: "For Defense Transportation Coordination Initiative (DTCI) or Defense Freight Transportation Services (DFTS) shipments, enter the DTCI or DFTS coordinator's SCAC."	6/18/2015

858.R.004010

Added in Version 4

DM Number DM Description

Approval Date

1142

Ref Index 109-04 and Index 183-04, L504, Commodity Code Qualifier: remove Code Qualifier 'L - Last Contained Contents STCC' from the list of acceptable codes.

7/31/2014

Added in Version 3 DM Number DM Description

Approval Date

12/13/2013

1127

At index 188-02 add new usage note that reads: "Code that identifies the 'Reason Not Lowest Cost' service provided as defined by the "Freight Lading Bill Reason Code" table found in USTranscom Reference Data Management (TRDM), mirrored at http://www.transcom.mil/dteb/files/refdata/V_D_FRGHT_LDNG_BL4_CD.htm. Remove existing element usage note that reads: "Reference Section 6.0 of this IC for code values using applicable Reason (Not Lowest Cost) table. Common code values associated with multiple definitions prevents documentation of the entire subset." and note that reads "See Section 6 for list of data values".

Remove table [188-02] - Reason (Not Lowest Cost) from Section 6.

Added in Version 2 DM Number DM Description

Approval Date

1105	At Section 3.0, L103; add code VT with description "Per mile per	5/9/2013
	vehicle". At Section 4.0, Ref L103 Fuel Surcharge Rate Qualifier,	
	Data Element 122 Index 180-03; add code VT with description "Per	
	mile per vehicle".	
1104	At index 117-05, L005 - Freight Weight Qualifier, DE 187, change DoD	4/18/2013
	Recommended Attributes min/max length from 2/2 to 1/2.	
1101	At index 132-05, in the LH105 - HAZMAT - US Standard Net Explosive	4/18/2013
	Weight Code, DE 355, remove the code values 'KG - Kilogram' and 'LT -	
	Liter'.	
		

Transportation EDI Convention 858.R.004010

1100	1. At index 126-06, in the LH106, HAZMAT - English Measurement Code, DE 355, add the code values '2R - Kilocurie', '4D - Curie', 'G2 - U.S. Gallons per Minute', 'M5 - Microcurie', 'MU - Millicurie', and 'PN - Pounds Net' and remove the code value 'H4 - Hectoliter'. Modify the ELEMENT CONDITION note to read: Required if LH107 is used. At least one LH106/LH107 or LFH05/LFH06 are required to pass the HAZMAT unit of measure and quantity. If an English and Metric unit of measure are available, both are required. 2. At index 131-05, in the LFH05 - HAZMAT - Metric Measurement Code, DE 355, modify the code list referenced in Section 6 to add the code 'H4 - Hectoliter' and remove the codes '2R - Kilocurie', '40 - Curie' (note: this code value is incorrect in the current version of the DTEB IC; the correct value for Curie is '4D' by ASC X12 standards), 'G2 - U.S. Gallons per Minute', 'GA - Gallon', 'M5 - Microcurie', 'MU - Millicurie', and 'PN - Pounds Net'. 3. At index 131-06 modify the ELEMENT CONDITION note to read: Required if LFH05 is used. At least one LH106/LH107 or LFH05/LFH06 are required to pass the HAZMAT unit of measure and quantity. If an English and Metric unit of measure are available, both are required.	4/18/2013
1099	At Section 3.0, L103; add code PM with description "Per Mile". At Section 4.0, Ref L103 Fuel Surcharge Rate Qualifier, Data Element 122 Index 180-03; add code PM with description "Per Mile".	4/11/2013
1093	Delete Type of Service Code 'DR- Door to Ramp' from L012 (Index 176-12).	3/7/2013

Added in Version 1 DM Number DM Description

Approval Date

	•	
1043	At index 118 change segment condition note to read: "SEGMENT CONDITION: Declared value is required for all shipments that will be processed through a foreign host nation's customs and border clearance program."	3/22/2012
1028	At index 118 (DG120) add DE 58 at index 118-04 with the following DoD attributes: M(andatory), N2, 1/8. Add usage note that reads: "Use value '00' to meet X12 syntax requirements."	12/5/2011
1026	At index 109-03 change the L503 DOD Recommended Attributes min/max length from 6/8 to 1/8. Replace the DIC reference T_0 18/18 with T_0 15/19 and add usage note that reads: "DIC reference is applicable only when qualified with the value 'I' in the L504."	11/15/2011

Section 2.0

CONTROL SEGMENTS

Instruction

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

Commercial Trading Partners and DoD personnel may view the Convention at: http://www.ustranscom.mil/cmd/associated/dteb/

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Section 3.0

STANDARD IMPLEMENTATION CONVENTION

This section presents the DoD's convention for generating bills of lading using ASC X12 Transaction Set 858 Shipment Information (Version 004010).

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

Must Use - Segment or data element is Mandatory for DTEB.

Used - Segment or data element is used.

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

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858

Functional Group=

Heading:

Heading	y.						
<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	Repeat	<u>Notes</u>	<u>Usage</u>
030	BX		М	1			Used
040	BNX		0	1			Used
060	N9		0	30			Used
080	Y7		0	1			Used
090	C3		0	1			Used
110	G62		0	10			Must use
120	PER		0	3			Used
140	F9		0	1			Used
150	D9		0	1			Used
170	R2		0	13			Used
180	R4		0	5			Used
200	H3		0	20			Used
LOOP					<u>2</u>		
220	E1		0	1			Used
230	E4		0	1			Used
240	E5		0	13			Used
270	L7		0	30			Used
280	NTE		0	50			Used
	<u>ID - N7</u>				<u>600</u>		
330	N7		0	1			Used
331	EM		0	1			Used
335	NA		0	30			Used
340	M7		0	5			Used
350	N5		0	1			Used
360	REF		0	5			Used
LOOP	ID - N1		,		<u>12</u>		
390	N1		0	1			Must use
400	N2		0	2			Used
410	N3		0	2			Used
420	N4		0	1			Used
440	PER		0	3			Used
LOOP	ID - S5				999		
450	S5		0	1	<u> </u>		Used
460	G62		0	6			Used
LOOP				-	<u>5</u>		3333
490	N1		0	1	=		Must use
500	N2		0	2			Used
510	N3		0	2			Used
520	N4		0	1			Used
540	PER		0	3			Used
							2234

1

<u>Pos</u>	<u>ld</u>	Segment Name	Req	Max Use	Repeat	<u>Notes</u>	<u>Usage</u>	
LOOP I	D - FA1				<u>>1</u>			
550	FA1		0	1			Used	
560	FA2		M	>1			Used	
570	L10		0	1			Must use	

Detail:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	Repeat	<u>Notes</u>	<u>Usage</u>
LOOP I	D - HL				<u>>1</u>		
010	HL		M	1			Used
020	N7		0	1			Used
030	NA		0	1			Used
040	M7		0	5			Used
090	L7		0	10			Used
095	SL1		0	1			Used
100	N9		0	10			Must use
130	L5		0	10			Must use
134	LH6		0	5			Used
140	NTE		0	100			Used
LOOP I	<u>ID - L0</u>				<u>20</u>		
145	L0		0	1			Must use
150	L1		0	20			Used
160	MEA		0	10			Used
LOOP I	D - LH1				<u>100</u>		
170	LH1		0	1			Used
180	LH2		0	4			Used
190	LH3		0	12			Used
191	LFH		0	20			Used
210	LHR		0	10			Used
LOOP	D - FA1				<u>>1</u>		
230	FA1		0	1	_		Used
240	FA2		М	>1			Used
250	L10		0	1			Used
LOOP I	D - NM1				4		
260	NM1		0	1	_		Used
LOOP I	ID - N1				<u>4</u>		
290	N1		0	1	=		Used
300	N2		0	2			Used
310	N3		0	2			Used
320	N4		0	1			Used

Summary:

<u>Pos</u>	<u>ld</u>	<u>Segment Name</u>	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	L3		0	1			Must use

BX

Pos: 030 Max: 1 Heading - Mandatory Loop: N/A Elements: 9

User Option (Usage): Used

Element Summary:

<u>Ref</u> BX01	<u>ld</u> 353	Elem	ent Name	<u>Req</u> M	<u>Type</u> ID	Min/Max 2/2	<u>Usage</u> Used
BAOT	000	DoD	Definition: [2-01] Transaction Set Pu				0000
			Name		(
		00	DoD Definition:				
		00	[2-01] Original				
		01	DoD Definition:				
			[2-01] Cancellation				
		04	DoD Definition:				
			[2-01] Change				
		14	DoD Definition:				
			[2-01] Advance Notification				
		20	DoD Definition:				
			[2-01] Final Transmission				
BX02	91			М	ID	1/2	Used
		DoD	Definition: [2-02] Transportation Met	thod Coa	le (Mode	Code) (DG 10)	
		Code	<u>Name</u>				
		6	DoD Definition:				
			[2-02] Military Official Mail				
		Α	DoD Definition:				
			[2-02] Air				
		В	DoD Definition:				
			[2-02] Barge				
		D	DoD Definition:				
			[2-02] Parcel Post				
		J	DoD Definition:				
			[2-02] Motor Use 'J' to denote Motor, Truckload	ı			
		L	DoD Definition:				
		_	[2-02] Contract Carrier				
		R	DoD Definition:				
			[2-02] Rail				
		U	DoD Definition:				
			[2-02] Private Parcel Service Use 'U' to denote Package Expres	:s			
		W	DoD Definition:				
			[2-02] Inland Waterway				
		Χ	DoD Definition:				

Code Name [2-02] Intermodal (Piggyback) Use 'X' to denote Rail Intermodal Piggyback(TOFC/COFC) ΑE **DoD Definition:** [2-02] Air Express ΑF **DoD Definition:** [2-02] Air Freight AΗ **DoD Definition:** [2-02] Air Taxi BU **DoD Definition:** [2-02] Bus DA **DoD Definition:** [2-02] Driveaway Service **DoD Definition:** DW [2-02] Driveaway, Truckaway, Towaway FD **DoD Definition:** [2-02] European or Pacific Distribution System Use 'ED' to denote Air Mobility Command (AMC) Transportation Method/Type Code FΑ **DoD Definition:** [2-02] Air Freight Forwarder IΡ **DoD Definition:** [2-02] Intermodal (Personal Property) LA **DoD Definition:** [2-02] Logair Use 'LA' to denote Military Air LD **DoD Definition:** [2-02] Local Delivery LT **DoD Definition:** [2-02] Less Than Trailer Load (LTL) Use 'LT' to denote Motor, Less than Truckload MP **DoD Definition:** [2-02] Motor (Package Carrier) MS **DoD Definition:** [2-02] Military Sealift Command (MSC), Controlled, Contract, or Arranged Space PL**DoD Definition:** [2-02] Pipeline RO **DoD Definition:** [2-02] Ocean (Roll on - Roll off) SB **DoD Definition:** [2-02] Shipper Agent SC **DoD Definition:** [2-02] Shipper Agent (Truck) SD **DoD Definition:** [2-02] Shipper Association SF **DoD Definition:**

[2-02] Surface Freight Forwarder

		<u>Code</u>	<u>Name</u>					
		TA	DoD Definition:					
			[2-02] Towaway Service					
		WP	DoD Definition:					
			[2-02] Water or Pipeline Intermodal N	Moveme	nt			
BX03	146			M	ID	2/2	Used	
		DoD D	Definition: [2-03] Method of Payment (DG 10)				
		Use or	nly 'TP' for ocean shipments only.					
		Code	<u>Name</u>					
		СС	DoD Definition:					
			[2-03] Collect					
		CD	DoD Definition:					
			[2-03] Collect on Delivery					
		PP	DoD Definition:					
			[2-03] Prepaid (by Seller)					
		TP	DoD Definition:					
			[2-03] Third Party Pay					
BX04	145			0	AN	1/30	Must use	
		DoD Definition: [2-04] Bill of Lading/Shipment ID Number (DG 10)						
		here. I	either original or most recent bill of ladi For ocean shipments, use TCN as ship I characters.					
BX05	140			0	ID	2/4	Must use	
		DoD Definition: [2-05] Transportation Company Tendered To (SCAC) (DG 10)						
		Use SCAC of origin carrier. SCAC should be validated against the National Motor Freight Traffic Association (NMFTA) SCAC reference file. For ocean shipments, enter 'NONE' if carrier is unknown. This entry represents the booked carrier for ocean shipments, not the carrier that actually transports the shipment. For Defense Transportation Coordination Initiative (DTCI) or Defense Freight Transportation Services (DFTS) shipments, enter the DTCI or DFTS coordinator's SCAC.						
			CE: Directory of Standard Multi-Model C-STAC), NMF 101 Series available fro			•		
BX07	147			0	ID	1/1	Must use	
		DoD D	Definition: [2-07] Bill Purpose/Applicati	ion Type	Code (DG	G 10)		
		Code	Name		·	·		
		Α	DoD Definition:					
		[2-07] Sub for Assembly Use 'A' to denote OCEAN CARGO SHIPPING INSTRUCTIONS Break-Bulk						
		В	DoD Definition:					
			[2-07] Bill of Lading for Individual Shi	ipment				
		С	DoD Definition:					
			[2-07] Consolidated Shipment Use 'C' to denote OCEAN CARGO S Header (Stand-Alone)	SHIPPIN	G INSTRU	ICTIONS Con	solidation	
		E	DoD Definition: [2-07] Empty Equipment Billing (Non	-Revenu	ıe)			

Code Name Use 'E' to denote OCEAN CARGO SHIPPING INSTRUCTIONS Container (Skeleton SI) F **DoD Definition:** [2-07] Stop-off Shipment Use 'F' to denote Negotiated Rates for Foreign Military Sales Bills of Lading **DoD Definition:** G [2-07] Switch Waybill Use 'G' to denote Negotiated Rates for Tailored Transportation Contract Traffic Bill of Lading Μ **DoD Definition:** [2-07] Master Bill of Lading for Assembly, Distribution and Volume Shipment Use 'M' to denote Commercial Rates for Foreign Military Sales Bills of Lading Ζ **DoD Definition:** [2-07] Commercial Zone Pick-up Use 'Z' to denote OCEAN CARGO SHIPPING INSTRUCTIONS Container. **BX09** 195 0 ID 1/1 Used **DoD Definition:** [2-09] Vehicle Fully Loaded (Capacity Load Status) (DG 10) ELEMENT CONDITION: Include if shipment is tendered as truckload. Code Name **DoD Definition:** [2-09] Full Capacity **BX10** 160 0 ID 1/1 Used DoD Definition: [2-10] Defense Transportation Tracking System Reporting Qualifier (DG Use of this element results in immediate Military Surface Deployment and Distribution Command (SDDC) processing for DTTS shipments. ELEMENT CONDITION: Include if the Defense Transportation Tracking System (DTTS) is required. Code Name **DoD Definition:** [2-10] Automatic Status Report Requested **BX14** 346 0 ID 2/2 Used DoD Definition: [2-14] Application Type (DG 10) Use the following migration code value to denote the DoD definition as indicated: ELEMENT CONDITION: Use when broker. Code Name 21 22 23 24 25 26 27 28 29

Code Name 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 ΑN AT BD

DoD Definition:

[2-14] [Migration Code] Broker Files

ВН BLΒN BR ВТ CD CF CI CL CO DL DO DT ΕP FΑ FR HR IS LB LS

 BF

BG

LT

Code Name

 MF

PC

Ы

PL

PP

PS

R1

R2

R3

R4

RD

RO

RP

RQ

RR

RS

S1

S2

SI

SL SP

SS

00

T1

T2

T3 T4

TF

TG

ТМ

TQ

ZZ

DoD Segment Definition:

[2] BX SEGMENT - Bill of Lading Number (DG 10)

BNX

Pos: 040 Max: 1 Heading - Optional Loop: N/A Elements: 2

User Option (Usage): Used

Element Summary:

Ref	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
BNX01	460		0	ID	1/1	Must use
		DoD Definition: [3-01] Shipment Weight C	ode (DC	3 10)		
		Code Name				
		A DoD Definition :				
		[3-01] Shipper's Weight Agreement	t			
BNX03	11		0	ID	1/1	Must use
		DoD Definition: [3-03] Billing Code (DG 10	0)			
		Code Name				
		S DoD Definition :				
		[3-03] Single Shipment Billing				

DoD Segment Definition:

[3] BNX SEGMENT - Shipment Weight and Billing (DG 10) SEGMENT CONDITION: Use when weight and billing data are required.

N9

<u>Ref</u>

N901

Max: 30 Pos: 060 **Heading - Optional** Loop: N/A Elements: 3

User Option (Usage): Used

Syntax Rules:

1. C0605 - If N906 is present, then N905 is required.

2. R0203 - At least one of N902 or N903 is required.

Element Summary:

<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
128		М	ID	2/3	Used
	DoD Definition: [4-01] Transaction Conten	t ID Qua	alifier (DG	G 10)	
	[5-01] Route Order/Release No/Emergency	Routing	gs Qualifi	er (DG 10)	
	[6-01] Carrier Way/Freight Bill Number Qua	lifier (DC	G 10)		
	[7-01] Authority Number (Contract/PO) Qua	lifier (D0	G 10)		
	[8-01] Service Agency Code Qualifier (DG	10)			
	[9-01] TCN for Each Container Qualifier (DC	G 10)			
	[10-01] Container Transportation Tracking I	Number	(TTN) Qı	ualifier (DG 10)	
	[11-01] Carrier Booking Number Qualifier (L	OG 10)			
	[12-01] Trade Route Number Qualifier (DG	10)			
	[13-01] Vessel Name Qualifier (DG 10)				
	[14-01] Carrier Voyage Number Qualifier (D	G 10)			
	[15-01] 3rd Party Logistics (DTCI or DFTS)	Internal	Order No	umber Qualifie	r (DG 10)

Code	Name
COUC	Hallie

Code	Name
18	DoD Definition:
	[10-01] Plan Number Use '18' to denote Container Transportation Tracking Number (TTN) Qualifier
BN	DoD Definition:
	[11-01] Booking Number
СВ	DoD Definition:
	[15-01] Combined Shipment Use 'CB' to denote DTCI Coordinator Internal Order Number
CN	DoD Definition:
	[6-01] Carrier's Reference Number (PRO/Invoice)
СТ	DoD Definition:
	[7-01] Contract Number
FI	DoD Definition:
	[4-01] File Identifier
РО	DoD Definition:
	[7-01] Purchase Order Number
RE	DoD Definition:
	[15-01] Release Number Use 'RE' to denote Defense Freight Transportation Services (DFTS) Internal Order Number
RG	DoD Definition:

Code Name

[5-01] Route Order Number-Domestic

RH **DoD Definition**:

[5-01] Route Order Number-Export

RJ **DoD Definition**:

[5-01] Route Order Number-Emergency

RU **DoD Definition**:

[12-01] Route Number

SV **DoD Definition**:

[8-01] Service Charge Number

TG **DoD Definition:**

[9-01] Transportation Control Number (TCN)

V3 **DoD Definition:**

[14-01] Voyage Number

ABS **DoD Definition**:

[13-01] Vessel Name

N902 127 X AN 1/30 Must use

DoD Definition: [4-02] Transaction Content ID (DG 10)

This data element identifies the application contents of the 858. The following DoD-unique codes should be used by all trading partners to identify the data content in the transaction set:

[5-02] Route Order/Release No/Emergency Routings (DG 10)

[6-02] Carrier Way/Freight Bill Number (DG 10)

[7-02] Authority Number (Contract/PO) (DG 10)

Movements under contracts need to reflect the subcontract number for ocean shipments.

[8-02] Service Agency Code (DG 10)

[9-02] TCN for Each Container (DG 10)

[10-02] Container Transportation Tracking Number (TTN) (DG 10)

[11-02] Carrier Booking Number (DG 10)

[12-02] Trade Route Number (DG 10)

[13-02] Vessel Name (DG 10)

Shippers should take great care in spelling vessel name correctly.

[14-02] Carrier Voyage Number (DG 10)

[15-02] 3rd Party Logistics (DTCI or DFTS) Internal Order Number (DG 10)

Enter the internal order number assigned by the 3rd Party Logistics (DTCI or DFTS) coordinator's transportation management system and provided in the EDI Transportation Service Response transaction to the shipper.

Code Name

A **DoD Definition:**

[8-02] Army

B **DoD Definition:**

[8-02] Defense Mapping Agency

F DoD Definition:

[8-02] Air Force

M DoD Definition:

[8-02] Marine Corps

N **DoD Definition:**

> Code Name [8-02] Navy Ρ **DoD Definition:** [8-02] Coast Guard S **DoD Definition:** [8-02] Defense Logistics Agency U **DoD Definition:** 18-021 GSA W **DoD Definition:** [8-02] Army and AF Exchange Χ **DoD Definition:** [8-02] Multi-Service Υ DoD Definition: [8-02] Non DoD - except Coast Guard CL **DoD Definition:** [4-02] Cost Information CR **DoD Definition:** [4-02] Cost Request DC **DoD Definition:** [4-02] Doubtful Claim SC **DoD Definition:** [4-02] Shipment and Cost Information SI **DoD Definition:** [4-02] Shipment Information SM **DoD Definition:** [4-02] Supplemental Claim SP **DoD Definition:** [4-02] Supplemental Bill 373 0 DT 8/8 Used

DoD Definition: [6-04] Carrier Way/Freight Bill Date (DG 10)

[7-04] Authority Number (Contract/PO) Date (DG 10)

DoD Segment Definition:

N904

[4] N9 SEGMENT - Transaction Content ID (DG 10)

SEGMENT CONDITION: Required for all shipments except by ocean.

[5] N9 SEGMENT - Route Order/Release No/Emergency Routings (DG 10)

SEGMENT CONDITION: Include this segment when moving a Tailored Transportation Contract (TTC) Traffic or SDDC routed shipment.

[6] N9 SEGMENT - Carrier Way/Freight Bill Number (DG 10)

SEGMENT CONDITION: Include this segment if the freight bill number is available.

[7] N9 SEGMENT - Authority Number (Contract/PO) (DG 10)

SEGMENT CONDITION: Use this segment if an authority number applies to the shipment.

[8] N9 SEGMENT - Service Agency Code (DG 10)

SEGMENT CONDITION: Use for Tailored Transportation Contract (TTC) Traffic only; not used for DLA. GFM will not cost DLA TTC shipments.

[9] N9 SEGMENT - Container TCN (DG 10)

SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS. Not used otherwise.

[10] N9 SEGMENT - Container Transportation Tracking Number (TTN) (DG 10)

SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS when moving unit move cargo and Transportation Tracking Number is applicable.

[11] N9 SEGMENT - Carrier Booking Number (DG 10)

SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS - Direct Booking. Not used otherwise.

[12] N9 SEGMENT - Trade Route Number (DG 10)

SEGMENT CONDITION: Required for ocean shipments. Identifies the trade route a shipment was booked/moved on.

[13] N9 SEGMENT - Vessel Name (DG 10)

SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS - Direct Booking. Not used otherwise.

[14] N9 SEGMENT - Carrier Voyage Number (DG 10)

SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS.

[15] N9 SEGMENT - 3rd Party Logistics Coordinator Internal Order Number (DG 10)

SEGMENT CONDITION: Use for shipments with an internal order number assigned by a 3rd Party Logistics (DTCI or DFTS) coordinator's transportation management system and provided in the EDI Transportation Service Response transaction to the shipper.



Pos: 080 Max: 1 Heading - Optional Loop: N/A Elements: 1

User Option (Usage): Used

Syntax Rules:

1. P0203 - If either Y702 or Y703 is present, then the other is required.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>			
Y701	467		0	N0	1/1	Must use			
		DoD Definition: [16-01] Transportation Priority Code (DG 10)							
		Dob Bernmadn. [10 01] Transportation	i nonty co	40 (20 7	0)				
		Code Name							
		1 DoD Definition:							

1	DoD Definition:
	[16-01] Level 1
2	DoD Definition:
	[16-01] Level 2
3	DoD Definition:
	[16-01] Level 3

DoD Segment Definition:

[16] Y7 SEGMENT - Transportation Priority Code (DG 10) SEGMENT CONDITION: Use this segment if Military Standard Requisitioning and Issue Procedures (MILSTRIP) apply.

C3

Pos: 090 Max: 1 Heading - Optional Loop: N/A Elements: 1

User Option (Usage): Used

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
C301	100		М	ID	3/3	Used

DoD Definition: [17-01] Currency Code (DG 10)

SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at

http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.

DoD Segment Definition:

[17] C3 SEGMENT - Currency Code (DG 10)

SEGMENT CONDITION: This segment indicates the currency used for the bill of lading. The segment is not required and will not be used when currency is in U.S. Dollars.

G62

Pos: 110 Max: 10 Heading - Optional Loop: N/A Elements: 5

User Option (Usage): Must use

Syntax Rules:

1. P0102 - If either G6201 or G6202 is present, then the other is required.

- 2. P0304 If either G6203 or G6204 is present, then the other is required.
- 3. R0103 At least one of G6201 or G6203 is required.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	Type	Min/Max	<u>Usage</u>
G6201	432		Χ	ID	2/2	Must use

DoD Definition: [18-01] Date Bill of Lading/Shipping Instruction Prepared Date Qualifier (DG 10)

[19-01] Desired/Required Delivery Date Qualifier (DG 10)

This qualifier must appear if desired/required delivery date is used. Under applicable ocean contracts, the Contract Delivery Date will take precedence over the Required Delivery Date. Code '67' used only for 3rd Party Logistics (Defense Transportation Coordination Initiative (DTCI) or Defense Freight Transportation Services (DFTS)) shipments.

[20-01] Carrier's Pickup Date Qualifier (DG 10)

SDDC will accept only code value '86' from shippers.

[21-01] Date Shipped to POE Qualifier (DG 10)

[22-01] Adjusted Date Shipped to POE Qualifier (DG 10)

[23-01] Date of Delivery Qualifier (DG 10)

[24-01] Sailing Date Qualifier (DG 10)

Code Name

05	DoD	Defin	ition

[24-01] Sailing Date

10 **DoD Definition:**

[21-01] Requested Ship Date/Pick-up Date

35 **DoD Definition:**

[23-01] Delivered on This Date

54 **DoD Definition:**

[19-01] Deliver No Later Than Date Use '54' to denote Required Delivery Date

67 **DoD Definition:**

[19-01] Delivered By This Date

Use '67' to denote Mandatory Delivery Date

68 **DoD Definition:**

[19-01] Requested Delivery Date Use '68' to denote Desired Delivery Date

76 **DoD Definition:**

[18-01] Bill of Lading

86 **DoD Definition:**

[20-01] Actual Pickup Date

BB DoD Definition:

Code Name [22-01] Transaction Control Date Χ DT 8/8 G6202 373 Must use DoD Definition: [18-02] Date Bill of Lading/Shipping Instruction Prepared Date (DG 10) The date on which the bill of lading was printed at the origin installation. [19-02] Desired/Required Delivery Date (DG 10) [20-02] Carrier's Pickup Date (DG 10) [21-02] Date Shipped to POE (DG 10) [22-02] Adjusted Date Shipped to POE (DG 10) [23-02] Date of Delivery (DG 10) [24-02] Sailing Date (DG 10) G6203 176 Χ ID 1/2 Must use **DoD Definition:** [20-03] Carrier's Pickup Time Qualifier (DG 10) ELEMENT CONDITION: This element is required for Defense Transportation Tracking System (DTTS) shipments. [22-03] Adjusted Time Shipped to POE Qualifier (DG 10) Code Name **DoD Definition:** 8 [20-03] Actual Pickup Time W **DoD Definition:** [22-03] Effective Time G6204 Х 4/8 337 TM Must use DoD Definition: [20-04] Carrier's Pickup Time (DG 10) Use format HHMM. ELEMENT CONDITION: This element is required for DTTS shipments. [22-04] Adjusted Time Shipped to POE (DG 10) Use format HHMMSS. G6205 623 ID 2/2 Must use **DoD Definition:** [20-05] Time Zone Indicator (DG 10) If DTTS shipment, this segment occurs twice; once with code value 'LT' for local time and once with 'GM' for Greenwich time. If shipment is other than DTTS, use 'LT' local time only. Repeat G6201 and G6202 for both occurrences of the segment. SOURCE: ISO 8601 available from American National Standards Institute [22-05] Adjusted Time Code (DG 10) SOURCE: ISO 8601 available from American National Standards Institute Code Name **DoD Definition:** GM [20-05] Greenwich Mean Time LT **DoD Definition:** [20-05] Local Time [22-05] Local Time **DoD Segment Definition:**

[18] G62 SEGMENT - Bill of Lading/Shipping Instruction Prepared Date (DG 10)

[19] G62 SEGMENT - Desired/Required Delivery (DG 10)

[20] G62 SEGMENT - Carrier's Pickup (DG 10)

SEGMENT CONDITION: Not required for ocean shipments. Required for all other shipment information

transactions except advanced shipment notification.

[21] G62 SEGMENT - Date Shipped to POE (DG 10) SEGMENT CONDITION: Use only for ocean shipments.

[22] G62 SEGMENT - Adjusted Date Shipped to POE (DG 10) SEGMENT CONDITION: Use only for ocean shipment.

[23] G62 SEGMENT - Delivery (DG 10) SEGMENT CONDITION: Use segment when date of delivery is available.

[24] G62 SEGMENT - Sailing Date (DG 10) SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS. Not used otherwise.

PER

Pos: 120 Max: 3 Heading - Optional Loop: N/A Elements: 4

User Option (Usage): Used

Syntax Rules:

- 1. P0304 If either PER03 or PER04 is present, then the other is required.
- 2. P0506 If either PER05 or PER06 is present, then the other is required.
- 3. P0708 If either PER07 or PER08 is present, then the other is required.

Element Summary:

Ref	<u>ld</u>	•	ent Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>			
PER01	366			М	ID	2/2	Used			
		DoD Definition: [25-01] Shipment Contact Qualifier (DG 10)								
		[26-0	[26-01] Emergency Response Telephone No. Function Code (DG 10)							
		Code	<u>Name</u>							
		EF	DoD Definition:							
			[26-01] Emergency Contact-Military Use 'EF' to denote Emergency Con Distribution Command (SDDC)							
		IC	DoD Definition:							
			[25-01] Information Contact							
PER02	93			0	AN	1/60	Must use			
		DoD	Definition: [26-02] Contact Name (DG	G 10)						
PER03	365			Χ	ID	2/2	Must use			
		DoD	DoD Definition: [25-03] Shipment Contact Qualifier (DG 10)							
		[26-0	3] Emergency Response Telephone N	o. Qual	ifier (DG	10)				
		Code	Name							
		AU	DoD Definition:							
			[25-03] Defense Switched Network [26-03] Defense Switched Network							
		FT	DoD Definition:							
			[25-03] Federal Telecommunication	s Syste	em (FTS)					
		IT	DoD Definition:							
			[26-03] International Telephone							
		TE	DoD Definition:							
			[25-03] Telephone [26-03] Telephone							
PER04	364			Х	AN	1/80	Must use			
		DoD	Definition: [25-04] Shipment Contact	Telepho	one No. (I	DG 10)				
			hone number of shipment POC.		•	,				
		[26-0	4] Emergency Response Telephone N	o. (DG	10)					

DoD Segment Definition:

[25] PER SEGMENT - Shipment Contact (DG 10) SEGMENT CONDITION: Use segment when telephone contact may be required with person receiving shipment. [26] PER SEGMENT - Emergency Response Telephone No. (DG 10) SEGMENT CONDITION: Use segment when shipment requires an emergency telephone contact.

F9

Pos: 140 Max: 1 Heading - Optional Loop: N/A Elements: 3

User Option (Usage): Used

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
F902	19		М	AN	2/30	Used
		DoD Definition: [27-02] Originating Railroa	ad Static	on (DG 72	?)	
		Name of railroad station where shipment or	riginated	l.		
F903	156		М	ID	2/2	Used
		DoD Definition: [27-03] State of Originatin	g Railro	ad Statio	n (DG 72)	
		SOURCE: National Zip Code and Post Office National Information Data Center	ce Direc	tory avail	able from U.S.	Postal Service
F908	154		0	ID	6/9	Used
		DoD Definition: [27-08] SPLC of Originating	ng Railro	oad Static	n (DG 72)	
		SOURCE: Continental Directory of Standar National Motor Freight Traffic Association,		Location	Codes (SPLC)	available from

DoD Segment Definition:

[27] F9 SEGMENT - Originating Railroad Station (DG 72) SEGMENT CONDITION: Use to designate origination railroad station as applicable.

D9

Pos: 150 Max: 1 Heading - Optional Loop: N/A Elements: 3

User Option (Usage): Used

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
D902	19		М	AN	2/30	Used
		DoD Definition: [28-02] Destination Railroa	ad Statio	on (DG 7	1)	
		Name of railroad station where shipment with	ill termir	ate.		
D903	156		М	ID	2/2	Used
		DoD Definition: [28-03] State of Destination	n Railro	ad Statio	n (DG 71)	
		SOURCE: National Zip Code and Post Office National Information Data Center	ce Direc	tory avail	able from U.S.	Postal Service
D908	154		0	ID	6/9	Used
		DoD Definition: [28-08] SPLC of Destination	on Railr	oad Statio	on (DG 71)	
		SOURCE: Continental Directory of Standar National Motor Freight Traffic Association, I		Location	Codes (SPLC)	available from

DoD Segment Definition:

[28] D9 SEGMENT - Destination Railroad Station (DG 71) SEGMENT CONDITION: Use to designate destination railroad station as applicable.

R2

Pos: 170 Max: 13 Heading - Optional Loop: N/A Elements: 4

User Option (Usage): Used

Syntax Rules:

1. C0807 - If R208 is present, then R207 is required.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
R201	140		М	ID	2/4	Used
		DoD Definition: [29-01] Via (Routing) SCA	C (DG 1	10)		
		For non-3PL coordinated shipments (DTCI destination carrier(s) in sequence after origincluded in an interline list. For 3PL coordin SCAC of the carrier to whom the 3PL coordinates to the correct or the sequence of the sequence of the carrier to whom the 3PL coordinates of the sequence	in carrie ated shi	r. The ori ipments (igin carrier shou DTCI or DFTS)	uld not be
		SOURCE: Directory of Standard Multi-Mod (SCAC-STAC), NMF 101 Series available f				
R202	133		М	ID	1/2	Used

DoD Definition: [29-02] Via (Routing) SCAC Qualifier (DG 10)

Use 'B' for 3PL shipments (DTCI or DFTS) to indicate the carrier the 3PL coordinator assigned to the shipment.

Code Name

	
1	DoD Definition:
	[29-02] 1st Carrier after Origin Carrier
2	DoD Definition:
	[29-02] 2nd Carrier after Origin Carrier
3	DoD Definition:
	[29-02] 3rd Carrier after Origin Carrier
4	DoD Definition:
	[29-02] 4th Carrier after Origin Carrier
5	DoD Definition:
	[29-02] 5th Carrier after Origin Carrier
Α	DoD Definition:
	[29-02] Origin Carrier, Agent's Routing (Rail)
В	DoD Definition:
	[29-02] Origin/Delivery Carrier (Any Mode)
D	DoD Definition:
	[29-02] DELY (Delivery Switch Carrier)
Н	DoD Definition:
	[29-02] Haulage Rights Carrier and Junction
1	DoD Definition:
	[29-02] Origin Switch Carrier
M	DoD Definition:
	[29-02] Haulage Movement Carrier and Junction

		<u>Code</u>	<u>Name</u>				
		0	DoD Definition:				
			[29-02] Origin Carrier (Air, Motor	r, or Ocean)			
		R	DoD Definition:				
			[29-02] Origin Carrier, Rule 11 S	Shipment			
		S	DoD Definition:				
			[29-02] Origin Carrier, Shipper's	Routing (Ra	ail)		
		V	DoD Definition:				
			[29-02] Intermediate Switch Car	rier			
		Z	DoD Definition:				
			[29-02] Mutually Defined				
R203	19			0	AN	2/30	Used
		DoD D	Pefinition: [29-03] Via (Routing) Lo	ocation (DG	10)		
R204	154			0	ID	6/9	Used
		DoD D	Pefinition: [29-04] Via (Routing) S	PLC (DG 10	0)		
			CE: Continental Directory of Standal Motor Freight Traffic Association		ocation Co	des (SPLC) ava	ilable from

DoD Segment Definition:

[29] R2 SEGMENT - Interline or 3PL Carrier (DG 10)

SEGMENT CONDITION: For non-3PL coordinated shipments (Defense Transportation Coordination Initiative (DTCI) or Defense Freight Transportation Services (DFTS)) use this segment if interline carriers are used during shipment. However, shipper systems are not required to provide Interline Carrier Routing information for rail movements. For 3PL shipments (DTCI or DFTS), use this segment to identify the carrier to whom the 3PL coordinator has assigned the shipment.

R4

Pos: 180 Max: 5 Heading - Optional Loop: N/A Elements: 3

User Option (Usage): Used

Syntax Rules:

1. P0203 - If either R402 or R403 is present, then the other is required.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
R401	115		M	ID	1/1	Used
		DoD Definition: [30-01] Port or Terminal Full	nction	Code (D0	G 10)	
		[31-01] Port or Terminal Function Code (DG	10)			
		Code Name				
		D DoD Definition:				
		[31-01] Port of Discharge (Operation	nal)			
		L DoD Definition:	,			
		[30-01] Port of Loading (Operational)			
D 400	000		· · · · · · · · · · · · · · · · · · ·	ID	4 /0	
R402	309		Χ	ID	1/2	Must use
		DoD Definition: [30-02] Location Qualifier (L	DG 10)			
		SOURCE: Defense Traffic Management Reg of Lading Codes available from Military Traffi		. ,	• •	
		[31-02] Location Qualifier (DG 10)				
		SOURCE: Defense Traffic Management Reg of Lading Codes available from Military Traffi				
		Code Name				
		IM DoD Definition:				
		[30-02] Military Standard Movement [31-02] Military Standard Movement		•	,	
R403	310		Х	AN	1/30	Used
		DoD Definition: [30-03] POE (DG 10)				
		[31-03] POD (DG 10)				

DoD Segment Definition:

[30] R4 SEGMENT - POE (DG 10)

SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS. Not used otherwise. [31] R4 SEGMENT - POD (DG 10)

SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS. Not used otherwise.

H3

Pos: 200 Max: 20 Heading - Optional Loop: N/A Elements: 2

User Option (Usage): Used

Syntax Rules:

1. E0102 - Only one of H301 or H302 may be present.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
H301	152		Χ	ID	2/3	Must use

DoD Definition: [32-01] Accessorial/Protective Service Ordered Identifier (DG 10)

Order accessorial services with this data element. To order accessorial services, the carrier industry requires the use of the H3 segment. This code also appears in the HL Accessorial/Protective Service (formerly LX 300) loop which is used to cost accessorial services. Do not use this element to order surveillance services; use the next occurrence of the H3 segment.

See Section 6.0 for valid code list.

SOURCE: Reference Section 6.0 of this IC beginning at page 6.14 for code values using applicable Accessorial Services for Rail Shipments, Accessorial Services for Tailored Transportation Contract Traffic Shipments, Accessorial/Protective Service For Air Shipments, Accessorial/Protective Service For Motor Shipments, Bulk Fuel Shipments, Miscellaneous Services, and Pipeline Shipments tables. Common code values associated with multiple definitions prevents documentation of the entire sub-set.

Sample Values:

003,015,020,045,495,500,535,593,665,670,AAM,AAS,AAT,DOC,HMA,HMI,MSG,PDY,PUC, Z01,Z04,Z08

All valid standard codes are used.

H302 153 X AN 2/30 Must use

DoD Definition: [33-02] Actual Surveillance Service and Requesting Party (DG 10)

Use this data element for requesting Surveillance Services only. See H301 for the applicable code values to enter in this data element. Do not use this data element to order accessorial services. Rather, use the H301 data element in a separate occurrence of the H3 segment for non-surveillance services. Provide the military service code to indicate the requesting party. Military service codes are: A = Army, N = Navy, F = Air Force, M = Marine Corps, P = Coast guard, and S = Defense Logistics Agency. Use a comma for the sub element delimiter between the actual service code and the requesting party.

DoD Segment Definition:

[32] H3 SEGMENT - Accessorial/Protective Service (DG 10)

SEGMENT CONDITION: Use if shipper orders accessorial services from the carrier. Use also if the Defense Transportation Tracking System (DTTS) is required.

[33] H3 SEGMENT - Actual Surveillance Service and Requesting Party (DG 10)

SEGMENT CONDITION: Use this segment when ordering surveillance services.

Loop

Pos: 220 Repeat: 2

Optional

Loop: E1 Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
220	E1		0	1		Used
230	E4		0	1		Used
240	E5		0	13		Used

E1

Pos: 220 Max: 1 Heading - Optional Loop: E1 Elements: 1

User Option (Usage): Used

Syntax Rules:

1. P0203 - If either E102 or E103 is present, then the other is required.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
E101	459		M	AN	2/30	Used

DoD Definition: [34-01] Name of Receiving Party For Empty Railcar (DG 10)

From the bill of lading continuation page.

DoD Segment Definition:

[34] E1 SEGMENT - Receiving Party For Empty Railcar (DG 10) LOOP CONDITION: Use when shipment employs an empty railcar.

E4

Pos: 230 Max: 1 Heading - Optional Loop: E1 Elements: 2

User Option (Usage): Used

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>		
E401	19		М	AN	2/30	Used		
		DoD Definition: [35-01] City for Receiving Empty Railcar (DG 10)						
		From the bill of lading continuation page.						
E402	156		М	ID	2/2	Used		
		DoD Definition: [35-02] State for Receiving Empty Railcar (DG 10)						
		From the bill of lading continuation page.						
		SOURCE: National Zip Code and Post Office National Information Data Center	ce Direc	tory avaii	lable from U.S.	Postal Service		

DoD Segment Definition:

[35] E4 SEGMENT - City for Receiving Empty Railcar (DG 10) SEGMENT CONDITION: Use when shipment employs an empty railcar.

E5

Pos: 240 Max: 13 Heading - Optional Loop: E1 Elements: 2

User Option (Usage): Used

Element Summary:

<u>Ref</u>	<u>ld</u>	Elem	ent Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>		
E501	140			М	ID	2/4	Used		
		DoD	DoD Definition: [36-01] Routing SCAC for Empty Railcar (DG 10)						
		From	the bill of lading continuation page.						
	SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association								
E502	133			М	ID	1/2	Used		
		DoD [D Definition: [36-02] Routing SCAC Sequence Number (DG 10)						
		From	the bill of lading continuation page.						
		Code Name DoD Definition:							
			[36-02] 1st Carrier after Origin Carr	rier					
		2	DoD Definition:						
			[36-02] 2nd Carrier after Origin Car	rrier					
		3	DoD Definition:						
			[36-02] 3rd Carrier after Origin Car	rier					
		4	DoD Definition:						
			[36-02] 4th Carrier after Origin Car	rier					
		5	DoD Definition:						
			[36-02] 5th Carrier after Origin Car	rier					

DoD Segment Definition:

[36] E5 SEGMENT - Routing SCAC (DG 10) SEGMENT CONDITION: Use if SCAC is applicable.

Pos: 270 Max: 30 **Heading - Optional** Loop: N/A Elements: 2

User Option (Usage): Used

Element Summary:

Ref	<u>ld</u>	Element Na	<u>me</u>	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>		
L713	294			0	N0	1/5	Must use		
		DoD Definit	ion: [37-13] Tariff Distance (mi	leage) (DG 10)				
		Mileage use	d for rating shipment.						
L714	295			0	ID	1/1	Must use		
		DoD Definit	er (DG 10))					
		Code Name							
		M DoD	Definition:						
		-	14] Miles (Actual) 'M' to denote CONUS mileage	(used fo	or ocean .	shipments only)		
		T DoD	Definition:						
		-	14] Tariff Miles 'T' to denote OCONUS mileago	9					

DoD Segment Definition:

[37] L7 SEGMENT - Tariff Distance (DG 10) SEGMENT CONDITION: Required for all modes except ocean. When used, there are different rules for CONUS and OCONUS mileages. This segment may be repeated up to two times (one for CONUS, the other for OCONUS).

NTE

Pos: 280 Max: 50 Heading - Optional Loop: N/A Elements: 2

User Option (Usage): Used

Element Summary:

Ref	<u>ld</u>	Eleme	ent Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>				
NTE01	363			0	ID	3/3	Must use				
		DoD [Definition: [38-01] Change Notice Q	ualifier (l	DG 10)						
		[39-01	[39-01] Routing Instruction Note (RIN) Code Qualifier (DG 10)								
		[40-01	1] Load Use Qualifier (DG 10)								
			1] DoD Classification Instructions Qua	,	,						
			Use to denote the highest security classification of an item within the shipment (i.e. the highest classified Controlled Inventory Item Code (CIIC) within the shipment).								
		[42-01	1] Shipper Instructions Code (DG 10)								
		Code	Name								
		ADD	DoD Definition:								
			[42-01] Additional Information Use 'ADD' to denote Shipper Instr	uctions t	o the Cor	nsignee or to th	ne Carrier				
		CHG	DoD Definition:								
			[38-01] Change								
			DoD Definition:								
			[41-01] Security Clearance Instruc Use 'CLR' to denote Emergency C Distribution Command (SDDC)		Military S	Surface Deploy	ment and				
		INT	DoD Definition:								
			[39-01] General Order Instructions	6							
		LOI	DoD Definition:								
			[40-01] Loading Instructions								
NTE02	352			М	AN	1/80	Used				
		DoD [Definition: [38-02] Change Notice (E	OG 10)							
		Identii	fies the kind of change (correction) to	the bill	of lading.						
		Implei	RCE: Reference Section 5.0 (DTEB F mentation Convention) for a descripti ple of a populated indicator string.	_		•					
		•	?] Routing Instruction Note (RIN) Cod	le (DG 1	0)						
			- , , ,	•							

<u>Code</u>	<u>Name</u>
С	DoD Definition:
	[41-02] Confidential
S	DoD Definition:
	[41-02] Secret

SOURCE: USTRANSCOM J5-PT [40-02] Load Use Instructions (DG 10)

[42-02] Shipper Instructions (DG 10)

[41-02] DoD Classification Instructions (DG 10)

Enter text information from the paper bill of lading.

> **Code** Name **DoD Definition:** [41-02] Unclassified **EXCLUSIV DoD Definition:** Ε [40-02] NONEXCL **DoD Definition:** USIVE [40-02]

DoD Segment Definition:

[38] NTE SEGMENT - Change Notice (DG 10)

SEGMENT CONDITION: Use when Change Notice applies.

[39] NTE SEGMENT - Routing Instruction Note (DG 10) SEGMENT CONDITION: Use when routing instruction note applies.

[40] NTE SEGMENT - Load Use (DG 10)

SEGMENT CONDITION: Use for Defense Transportation Tracking System (DTTS) shipments.

[41] NTE SEGMENT - DoD Classification Instructions (DG 10)

SEGMENT CONDITION: Use for Defense Transportation Tracking System (DTTS) shipments.

[42] NTE SEGMENT - Shipper Instructions (DG 10)

SEGMENT CONDITION: Use when additional shipper instructions apply for ocean shipments.

Loop

Pos: 330 Repeat: 600

Optional

Loop: N7 Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
330	N7		0	1		Used
331	EM		0	1		Used
335	NA		0	30		Used
340	M7		0	5		Used
350	N5		0	1		Used
360	REF		0	5		Used

N7

Pos: 330 Max: 1 Heading - Optional Loop: N7 Elements: 9

User Option (Usage): Used

Syntax Rules:

- 1. P0304 If either N703 or N704 is present, then the other is required.
- 2. P0516 If either N705 or N716 is present, then the other is required.
- 3. P0809 If either N708 or N709 is present, then the other is required.

Element Summary:

Ref	<u>ld</u>	Element Name	Req	Type	Min/Max	<u>Usage</u>			
N701	206		0	AN	1/4	Used			
		DoD Definition: [43-01] Primary Equipmen	nt Initials	(DG 60)					
		For rail shipments, this data element is MAI to describe railcars, trailers, and containers		RY; it carr	ies the equipm	ent prefix used			
		For motor and air shipments, if the value in N702 is other than 'NONE', or the equipment initials are not available, use the SCAC. Primary equipment is that equipment ordered by the shipper from the carrier. That equipment type ordered, or its equivalent, is furnished by the carrier and used in the transportation of the shipment. The shipper pays only for the primary equipment ordered.							
				,		1.0)			
		For ocean shipments, use the initials on the		•		,			
		ELEMENT CONDITION: For rail shipments the equipment prefix used to describe railca				ORY; it carries			
		SOURCE: IATA Unit Load Devices Manual Association	availabi	le from Int	ternational Air T	Transport			
N702	207		М	AN	1/10	Used			
		DoD Definition: [43-02] Primary Equipmen	nt Numb	ers (DG 6	0)				
		For rail shipments, this data element carries containers. For motor and air shipments, if 'NONE' in this data element.							
N703	81		Х	R	1/10	Used			
		DoD Definition: [43-03] Weight Capacity F	Primary L	Equipmen	t Furnished (Do	G 60)			
		Express in 1000 LB units. Entry may contain right-most point of the field.	in a deci	mal; if not	t, decimal is as	sumed at			
N704	187		Х	ID	1/2	Used			
		DoD Definition: [43-04] Weight Capacity F ELEMENT CONDITION: Required if N705		Equipmen	t Furnished Qu	valifier (DG 60)			
		ELEMENT CONDITION. Required if N703	is useu.						
		Code Name							
		N DoD Definition:							
		[43-04] Actual Net Weight							
N708	183		Χ	R	1/8	Used			
		DoD Definition: [43-08] Cube Capacity Pri	mary Ed	quipment i	Furnished (DG	60)			
		ELEMENT CONDITION: Include if the carri was ordered, or if reporting the internal cub			ment different t	than that which			

Ref	<u>ld</u>	Eleme	ent Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>		
N709	184			Χ	ID	1/1	Used		
		DoD [Definition: [43-09] Cube Capacity Prin	nary Eq	uipment l	Furnished Qualif	ier (DG 60)		
			IENT CONDITION: This qualifier must hed is used.	appear	if cube ca	apacity carrier ed	quipment		
		<u>Code</u> F	Name						
		E	DoD Definition: [43-09] Cubic Feet						
			[43-09] Cubic Feet						
N713	319			0	AN	3/6	Used		
		DoD [Definition: [43-13] Temperature Contr	ol (DG	60)				
		Use to specify temperature setting for reefer shipments. For ocean shipments indicate minimum and maximum temperature.							
N715	567			0	N0	4/5	Used		
		DoD Definition: [43-15] Length Capacity Primary Equipment Furnished (DG 60)							
			ENT CONDITION: Include if the carried redered.	er provid	les equipi	ment different tha	an that which		
N722	24			0	ID	4/4	Must use		
		DoD [Definition: [43-22] Type of Equipment	Furnish	ned (DG 6	60)			
			stify the code and fill to the right with to the right with to the code and fill to the right with the state of the code and fill to the code and fill to the right with the code and fill the code an	he lowe	er case 'x'	until a length of	four		
			RCE: Reference Section 6.0 of this IC i and TOFC (Dimensions are Outside L						
		A18,A	le Values: Q0,AQ3,AQ4,AQ5,AQ6,AQ7,AQ8,AQ X0,AX2,AX3,AX4,AX5,AX6,AX7,AX8,A				6,AW7,AW8,A		

DoD Segment Definition:

[43] N7 SEGMENT - Primary Equipment Furnished (DG 60) Use as many N7 loops as required to identify equipment furnished.

LOOP CONDITION: For ocean shipments, this information is needed to facilitate Customs clearance. If the bill of lading is for movements using motor, rail, or bulk fuel conveyances, DG 60 must appear.

EM

Pos: 331 Max: 1 Heading - Optional Loop: N7 Elements: 1

User Option (Usage): Used

Syntax Rules:

1. C0201 - If EM02 is present, then EM01 is required.

2. C0403 - If EM04 is present, then EM03 is required.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
EM07	373		Ο	DT	8/8	Must use

DoD Definition: [44-07] Date (DG 60)

Enter date that equipment was furnished for the current N7 loop.

DoD Segment Definition:

[44] EM SEGMENT - Date Primary Equipment Furnished (DG 60)

SEGMENT CONDITION: Use if equipment was furnished (for the current N7 loop).

NA

Pos: 335 Max: 30 Heading - Optional Loop: N7 Elements: 3

User Option (Usage): Used

Syntax Rules:

1. C0102 - If NA01 is present, then NA02 is required.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
NA03	206		M	AN	1/4	Used

DoD Definition: [45-03] Secondary Equipment Initials (DG 60)

For rail Trailer on Flatcar/Container on Flatcar (TOFC/COFC) shipments, this data element carries the equipment initials of the flatcar used to convey the trailer/container (primary equipment ordered). When the shipper orders a trailer/container, the carrier supplies a flatcar to convey the trailer/container (primary equipment). The trailer is considered secondary equipment. The shipper incurs no cost for the use of secondary equipment.

SOURCE: IATA Unit Load Devices Manual available from International Air Transport Association

NA04 207 M AN 1/10 Used

DoD Definition: [45-04] Secondary Equipment Numbers (DG 60)

For rail Trailer on Flatcar/Container on Flatcar (TOFC/COFC) shipments, this data element carries the equipment serial number of the flatcar used to convey the trailer/container (primary equipment ordered). When the shipper orders a trailer/container, the carrier supplies a flatcar to convey the trailer/container (primary equipment). The trailer is considered secondary equipment. The shipper incurs no cost for the use of secondary equipment. If a number is not available, send value 'xxxx' per shipper's instructions.

NA05 231 O ID 1/1 Used

DoD Definition: [45-05] Cross Reference Type Code (DG 60)

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

Code Name

DoD Definition:

[45-05] Conveying Flat Car

DoD Segment Definition:

[45] NA SEGMENT - Secondary Equipment Furnished (DG 60) SEGMENT CONDITION: Required if use of secondary equipment applies.

M7

Pos: 340 Max: 5 **Heading - Optional** Loop: N7 Elements: 5

User Option (Usage): Used

Element Summary:

<u>Ref</u> M701	<u>ld</u> 225	Element Name	<u>Req</u> M	<u>Type</u> AN	Min/Max 2/15	<u>Usage</u> Used		
		DoD Definition: [46-01] Seal Number (De	G 60)					
		Additional seal numbers should be carried	l in M702	, M703, a	nd M704.			
M702	225		0	AN	2/15	Used		
		DoD Definition: [46-02] Additional Seal N	lumber (L	OG 60)				
M703	225		0	AN	2/15	Used		
		DoD Definition: [46-03] Additional Seal Number (DG 60)						
M704	225		0	AN	2/15	Used		
		DoD Definition: [46-04] Additional Seal N	lumber (L	OG 60)				
M705	98		0	ID	2/3	Must use		
		DoD Definition: [46-05] Seal Numbers A	oplied By	Qualifier	(DG 60)			
		Code Name						
		CA DoD Definition :						
		[46-05] Carrier						
		SH DoD Definition:						
		[46-05] Shipper						

DoD Segment Definition:

[46] M7 SEGMENT - Seals (DG 60) SEGMENT CONDITION: Required if seals are applied to the primary equipment.

N5

Pos: 350 Max: 1 Heading - Optional Loop: N7 Elements: 4

User Option (Usage): Used

Syntax Rules:

1. P0708 - If either N507 or N508 is present, then the other is required.

Element Summary:

<u>Ref</u> N501	<u>ld</u> 567	Element Name	<u>Req</u> O	<u>Type</u> N0	Min/Max 4/5	<u>Usage</u> Used
		DoD Definition: [47-01] Length Capacity F	Primary E	Equipmer	nt Ordered (DG	60)
		Format is FFFII where 8000 is 80 ft.				
N502	233		0	N0	2/3	Used
		DoD Definition: [47-02] Weight Capacity F	Primary I	Equipmer	nt Ordered (DG	60)
N503	203		0	N0	2/4	Used
		DoD Definition: [47-03] Cubic Capacity Pr	imary E	quipment	Ordered (DG	60)
N504	301		0	ID	1/4	Must use
	DoD Definition: [47-04] Type of Equipment Ordered (DG 60)					
		SOURCE: Reference Section 6.0 of this IC Motor and TOFC (Dimensions are Outside tables. Codes utilized for this data element not be confused with Car Type codes from	Dimens are DOI	ions), Otl D Equipm	her Methods, R nent Type code	ail, and Water s, and should
		Sample Values: A18,AQ0,AQ3,AQ4,AQ5,AQ6,AQ7,AQ8,AQ W9,AX0,AX2,AX3,AX4,AX5,AX6,AX7,AX8,		•	, , ,	W6,AW7,AW8,A

DoD Segment Definition:

[47] N5 SEGMENT - Primary Equipment Ordered (DG 60) SEGMENT CONDITION: Required if primary equipment was ordered.

REF

Pos: 360 Max: 5
Heading - Optional
Loop: N7 Elements: 2

User Option (Usage): Used

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
REF01	128		M	ID	2/3	Used
		DoD Definition: [48-01] Tractor Numb	er Qualifier (DG 60)		
		Code Name				
		EQ DoD Definition :				
		[48-01] Equipment Number				
REF02	127		X	AN	1/30	Must use

DoD Definition: [48-02] Tractor Number (DG 60)

The tractor number carried in this data element is the power unit for the trailer described in the N7 segment of the same equipment loop. This data element is required only for tracking shipments monitored by DTTS.

DoD Segment Definition:

[48] REF SEGMENT - Tractor Number (DG 60) SEGMENT CONDITION: Required if the Defense Transportation Tracking System (DTTS) is required.

Loop

Pos: 390 Repeat: 12

Optional

Loop: N1 Elements: N/A

User Option (Usage): Must use

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	Req	Max Use	<u>Repeat</u>	<u>Usage</u>
390	N1		0	1		Must use
400	N2		0	2		Used
410	N3		0	2		Used
420	N4		0	1		Used
440	PFR		0	3		Used

N1

Pos: 390 Max: 1 Heading - Optional Loop: N1 Elements: 4

User Option (Usage): Must use

Syntax Rules:

1. P0304 - If either N103 or N104 is present, then the other is required.

2. R0203 - At least one of N102 or N103 is required.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
N101	98		М	ID	2/3	Used

DoD Definition: [49-01] Transportation Company Tendered To (CA) Qualifier (DG 70)

[51-01] Destination Name (ST) Qualifier (DG 71)

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

[56-01] Origin Name (SF) Qualifier (DG 72)

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

[61-01] Consignee (CN) Name Qualifier (DG 73)

This qualifier identifies the installation transportation office responsible for the shipment at the final destination.

[65-01] Shipper Name (SH) Qualifier (DG 74)

This qualifier identifies the installation transportation office responsible for the shipment at origin.

[69-01] Diversion/Reconsignment (TT) To Qualifier (DG 75)

Location that shipment is diverted/reconsigned to.

[71-01] Diversion/Reconsignment (T4) From Qualifier (DG 76)

[73-01] Bill Charges To (PO) Qualifier (DG 77)

[77-01] Issuing Office (IU) Name Qualifier (DG 78)

[82-01] FOB Point (KX) Qualifier (DG 79)

Code Name

CA **DoD Definition:**

[49-01] Carrier

CN **DoD Definition**:

[61-01] Consignee

IU DoD Definition:

[77-01] Issuer

NEX DoD Definition:

[82-01] Free on Board Point

PO **DoD Definition**:

[73-01] Party to Receive Invoice for Goods or Services

SF DoD Definition:

[56-01] Ship From

SH DoD Definition:

[65-01] Shipper

ST DoD Definition:

[51-01] Ship To

Code Name

T4 **DoD Definition**:

[71-01] Transfer Point

TT DoD Definition:

[69-01] Transfer To

N102 93

X AN

1/60

Must use

DoD Definition: [49-02] Transportation Company Tendered To Name (CA) (DG 70)

[51-02] Destination Name (ST) (DG 71)

[56-02] Origin Name (SF) (DG 72)

ELEMENT CONDITION: If issuing GBLOC is unavailable (N406='IOOI') or origin DoDAAC/CAGE/MAPAC is unavailable (N104='XXXXXX'), then the clear text name of the origin is required.

[61-02] Consignee Name (CN) (DG 73)

ELEMENT CONDITION: If consignee GBLOC is unavailable (N406='IOOI') or consignee DoDAAC/CAGE/MAPAC is unavailable (N104='XXXXXX'), then the clear text name of the consignee is required.

[65-02] Shipper Name (SH) (DG 74)

ELEMENT CONDITION: If shipper DoDAAC/CAGE/MAPAC is unavailable (N104='XXXXXX'), then the clear text name of the shipper is required.

[69-02] Diversion/Reconsignment (TT) To City (DG 75)

Carry the city name that pertains to the SPLC.

[71-02] Diversion/Reconsignment (T4) From (DG 76)

Location that shipment was diverted/reconsigned from. Carry the city name that pertains to the SPLC.

[73-02] Bill Charges To (PO) (DG 77)

[77-02] Issuing Office (IU) Name (DG 78)

[82-02] FOB Point (KX) (DG 79)

Carry actual FOB point name in this data element.

N103 66

X ID

1/2

Must use

DoD Definition: [51-03] Destination DoDAAC/CAGE/MAPAC Qualifier (DG 71)

Do not use CAGE code for ocean shipments.

[56-03] Origin DoDAAC/CAGE/MAPAC Qualifier (DG 72)

Do not use CAGE code for ocean shipments.

[61-03] Consignee DoDAAC/CAGE/MAPAC Qualifier (DG 73)

Do not use CAGE code for ocean shipments.

[65-03] Shipper DoDAAC/CAGE/MAPAC Qualifier (SH) (DG 74)

Do not use CAGE code for ocean shipments.

[73-03] Bill Charges To (PO) DoDAAC/CAGE/MAPAC Qualifier (DG 77)

Do not use CAGE code for ocean shipments.

ELEMENT CONDITION: Required if N104 is used.

Code Name

10 **DoD Definition:**

[51-03] Department of Defense Activity Address Code (DODAAC) [56-03] Department of Defense Activity Address Code (DODAAC)

[61-03] Department of Defense Activity Address Code (DODAAC)

[65-03] Department of Defense Activity Address Code (DODAAC)

[73-03] Department of Defense Activity Address Code (DODAAC)

33 **DoD Definition:**

Code Name

[51-03] Commercial and Government Entity (CAGE)

[56-03] Commercial and Government Entity (CAGE)

[61-03] Commercial and Government Entity (CAGE)

[65-03] Commercial and Government Entity (CAGE)

[73-03] Commercial and Government Entity (CAGE)

A2 **DoD Definition:**

[51-03] Military Assistance Program Address Code (MAPAC)

[56-03] Military Assistance Program Address Code (MAPAC)

[61-03] Military Assistance Program Address Code (MAPAC)

[65-03] Military Assistance Program Address Code (MAPAC)

[73-03] Military Assistance Program Address Code (MAPAC)

N104 67 X AN 2/80 Must use

DoD Definition: [51-04] Destination DoDAAC/CAGE/MAPAC (DG 71)

If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XXXXXX' and the complete clear text name and address of the destination is required.

[56-04] Origin DoDAAC/CAGE/MAPAC (DG 72)

If origin DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XXXXXX' and the complete clear text name and address of the origin is required in N102.

[61-04] Consignee DoDAAC/CAGE/MAPAC (DG 73)

If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XXXXXX' and the complete clear text name and address of the consignee is required in N102.

[65-04] Shipper DoDAAC/CAGE/MAPAC (SH) (DG 74)

If shipper DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XXXXXX' and the complete clear text name and address of the shipper is required.

[73-04] Bill Charges To (PO) DoDAAC/CAGE/MAPAC (DG 77)

DoD Segment Definition:

[49] N1 SEGMENT - Transportation Company Tendered To (CA) (DG 70)

LOOP CONDITION: DG 70 is required if the Defense Transportation Tracking System (DTTS) is required.

[51] N1 SEGMENT - Destination (ST) (DG 71)

[56] N1 SEGMENT - Origin (SF) (DG 72)

[61] N1 SEGMENT - Consignee (CN) (DG 73)

[65] N1 SEGMENT - Shipper (SH) (DG 74)

[69] N1 SEGMENT - Diversion/Reconsignment To (TT) (DG 75)

LOOP CONDITION: Required if shipment requires diversion/reconsignment destination.

[71] N1 SEGMENT - Diversion/Reconsignment From (T4) (DG 76)

LOOP CONDITION: DG 76 required if shipment requires diversion/reconsignment destination.

[73] N1 SEGMENT - Bill Charges To (PO) (DG 77)

[77] N1 SEGMENT - Issuing Office (IÙ) (DG 78)

[82] N1 SEGMENT - FOB Point (KX) (DG 79)

LOOP CONDITION: Use if FOB point applies.

N2

Pos: 400 Max: 2 Heading - Optional Loop: N1 Elements: 1

User Option (Usage): Used

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
N201	93		М	AN	1/60	Used
		DoD Definition: [52-01] Additional Name (ST) (DG	71)		
		[57-01] Additional Name (SF) (DG 72)				
		[62-01] Additional Name (CN) (DG 73)				
		[66-01] Additional Name (SH) (DG 74)				
		[74-01] Additional Name (PO) (DG 77)				
		[78-01] Additional Name (IU) (DG 78)				

DoD Segment Definition:

[52] N2 SEGMENT - Destination (ST) (DG 71)

SEGMENT CONDITION: Use if additional destination name applies.

[57] N2 SEGMENT - Origin (SF) (DG 72)

SEGMENT CONDITION: Use if origin additional name applies.

[62] N2 SEGMENT - Consignee (CN) (DG 73)

SEGMENT CONDITION: Use if consignee additional name applies.

[66] N2 SEGMENT - Shipper (SH) (DG 74)

SEGMENT CONDITION: Use if shipper additional name applies.

[74] N2 SEGMENT - Bill Charges To (PO) (DG 77)

SEGMENT CONDITION: Use if additional name is required for party to whom charges are billed. If available provide additional name to accommodate trading partners that cannot identify activities by DoDAAC/CAGE/MAPAC.

[78] N2 SEGMENT - Issuing Office (IU) (DG 78)

SEGMENT CONDITION: Use if additional name is required for issuing office.

N3

Pos: 410 Max: 2 Heading - Optional Loop: N1 Elements: 2

User Option (Usage): Used

Element Summary:

Ref	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
N301	166		М	AN	1/55	Used
		DoD Definition: [53-01] Street (ST) (DG 71	')			
		[58-01] Street (SF) (DG 72)				
		[63-01] Street (CN) (DG 73)				
		[67-01] Street (SH) (DG 74)				
		[75-01] Street (PO) (DG 77)				
		[79-01] Street (IU) (DG 78)				
N302	166		0	AN	1/55	Used
		DoD Definition: [53-02] Additional Address	ing Info	rmation (DG 71)	
		[58-02] Additional Addressing Information (L	OG 72)			
		[63-02] Additional Addressing Information (L	OG 73)			
		[67-02] Additional Addressing Information (L	OG 74)			
		[75-02] Additional Addressing Information (L	OG 77)			
		[79-02] Additional Addressing Information (L	OG 78)			

DoD Segment Definition:

[53] N3 SEGMENT - Destination (ST) (DG 71)

SEGMENT CONDITION: Use if destination street address applies.

[58] N3 SEGMENT - Origin (SF) (DG 72)

SEGMENT CONDITION: Use if origin street address applies.

[63] N3 SEGMENT - Consignee (CN) (DG 73)

SEGMENT CONDITION: Use if consignee street address applies.

[67] N3 SEGMENT - Shipper (SH) (DG 74)

SEGMENT CONDITION: Use if shipper street address applies.

[75] N3 SEGMENT - Bill Charges To (PO) (DG 77)

SEGMENT CONDITION: Use if street address is required for party to whom charges are billed. f available provide street address to accommodate trading partners that cannot identify activities by DoDAAC/CAGE/MAPAC.

[79] N3 SEGMENT - Issuing Office (IU) (DG 78)

SEGMENT CONDITION: Use if street address is required for issuing office.

N4

Pos: 420 Max: 1 Heading - Optional Loop: N1 Elements: 6

User Option (Usage): Used

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>			
N401	19		Ο	AN	2/30	Used			
		DoD Definition: [54-01] City (ST) (DG 71)							
		ELEMENT CONDITION: Field is MANDATO	ent.						
		[59-01] City (SF) (DG 72) ELEMENT CONDITION: Field is MANDATORY if rail shipment.							
		[64-01] City (CN) (DG 73)							
		ELEMENT CONDITION: Field is MANDATO	ORY if ra	ail shipme	ent.				
		[68-01] City (SH) (DG 74)							
		ELEMENT CONDITION: Field is required for	or rail sh	ipments.					
		[76-01] City (PO) (DG 77)							
		[80-01] City (IU) (DG 78)							
		[83-01] FOB Point (City) Named In Contract	t (DG 79	9)					
N402	156		0	ID	2/2	Used			

DoD Definition: [54-02] State Code (ST) (DG 71)

ELEMENT CONDITION: Field is MANDATORY if rail shipment.

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

[59-02] State (SF) (DG 72)

ELEMENT CONDITION: Field is MANDATORY if rail shipment. Also use for province if shipment is Canadian.

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

[64-02] State (CN) (DG 73)

ELEMENT CONDITION: Field is MANDATORY if rail shipment. Also use for province if shipment is Canadian.

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

[68-02] State (SH) (DG 74)

ELEMENT CONDITION: Field is required for if rail shipments. Also use for province if shipment is Canadian.

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

[76-02] State (PO) (DG 77)

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

[80-02] State (IU) (DG 78)

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

[83-02] FOB Point (State) Named In Contract (DG 79)

Ref ld **Element Name** Req Type Min/Max Usage SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center N403 116 ID 3/15 Used DoD Definition: [54-03] ZIP/Postal Code (ST) (DG 71) There should be no special characters, punctuation, or blanks. ELEMENT CONDITION: Field is MANDATORY if rail shipment. SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S. Postal Service: The USPS Domestic Mail Manual available from New Orders Superintendent of Documents [59-03] ZIP/Postal Code (SF) (DG 72) Field is MANDATORY if rail shipment. There should be no special characters, punctuation, or blanks. ELEMENT CONDITION: Field is MANDATORY if rail shipment. SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S. Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents [64-03] ZIP Code/Postal Code (CN) (DG 73)

There should be no special characters, punctuation, or blanks.

ELEMENT CONDITION: Field is MANDATORY if rail shipment.

SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents

[68-03] ZIP Code/Postal Code (SH) (DG 74)

There should be no special characters, punctuation, or blanks.

ELEMENT CONDITION: Field is required for rail shipments.

SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents

[76-03] ZIP Code/Postal Code (PO) (DG 77)

SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents

[80-03] ZIP Code/Postal Code (IU) (DG 78)

SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents

N404 26 O ID 2/3 Used

DoD Definition: [54-04] Country Code (DG 71)

ELEMENT CONDITION: If destination is OCONUS, country code is required.

SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at

http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.

[59-04] Country Code (SF) (DG 72)

ELEMENT CONDITION: If origin is OCONUS, country code is required.

SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at

http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.

Ref Id Element Name Reg Type Min/Max Usage

[64-04] Country Code (CN) (DG 73)

ELEMENT CONDITION: If consignee is OCONUS, country code is required.

SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at

http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.

[68-04] Country Code (SH) (DG 74)

ELEMENT CONDITION: If shipper is OCONUS, country code is required.

SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at

http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.

[70-04] Country Code (DG 75)

ELEMENT CONDITION: If diversion/reconsignment is OCONUS, country code is required.

SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at

http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.

N405 309 X ID 1/2 Must use

DoD Definition: [54-05] Destination SPLC (ST) Qualifier (DG 71)

ELEMENT CONDITION: SPLC is required for CONUS, but not OCONUS, shipments.

SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[59-05] Shipping Point SPLC (SF) Qualifier (DG 72)

ELEMENT CONDITION: Required if N406 is used.

SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[64-05] Consignee (CN) GBLOC Qualifier (DG 73)

ELEMENT CONDITION: Required for all shipments except by ocean.

SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[70-05] Diversion/Reconsignment (TT) To SPLC Qualifier (DG 75)

Required if N406 is used.

[72-05] Diversion/Reconsignment (T4) From SPLC Qualifier (DG 76)

SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[80-05] Issuing Office (IU) GBLOC Qualifier (DG 78)

SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[83-05] FOB SPLC Qualifier (DG 79)

ELEMENT CONDITION: Required if N406 is used.

SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

Code Name

BL **DoD Definition:**

[64-05] Government Bill of Lading Office Code (GBLOC) [80-05] Government Bill of Lading Office Code (GBLOC)

SL **DoD Definition**:

Code Name

[54-05] U.S. SPLC [59-05] U.S. SPLC [70-05] U.S. SPLC [72-05] U.S. SPLC [83-05] U.S. SPLC

N406 310 X AN 1/30 Must use

DoD Definition: [54-06] Destination SPLC (ST) (DG 71)

ELEMENT CONDITION: Nine-digit SPLCs are required for costing. SPLC is provided for CONUS shipments but not OCONUS.

[59-06] Shipping Point SPLC (SF) (DG 72)

Nine-digit SPLCs are required for costing. SPLC is provided for CONUS shipments but not OCONUS.

[64-06] Consignee (CN) GBLOC (DG 73)

ELEMENT CONDITION: If GBLOC is unavailable enter value 'IOOI'. Then, the clear text name of the consignee is required in N102.

[70-06] Diversion/Reconsignment (TT) To SPLC (DG 75)

[72-06] Diversion/Reconsignment (T4) From SPLC (DG 76)

[80-06] Issuing Office (IU) GBLOC (DG 78)

This element must contain a valid GBLOC. Do not use 'IOOI'.

[83-06] FOB SPLC (DG 79)

DoD Segment Definition:

[54] N4 SEGMENT - Destination (ST) (DG 71)

SEGMENT CONDITION: Use if destination city, state, and ZIP Code apply.

[59] N4 SEGMENT - Origin (SF) (DG 72)

SEGMENT CONDITION: Use if origin city, state, and ZIP Code apply.

[64] N4 SEGMENT - Consignee (CN) (DG 73)

Provides required data when shipment is by rail or when consignee is OCONUS. May be used also when consignee city, state, and ZIP Code apply.

SEGMENT CONDITION: Required for all shipments except ocean.

[68] N4 SEGMENT - Shipper (SH) (DG 74)

SEGMENT CONDITION: Use if shipper city, state, and ZIP Code apply.

[70] N4 SEGMENT - Diversion/Reconsignment To Country Code (TT) (DG 75)

SEGMENT CONDITION: If shipment is CONUS, SPLC is required. If OCONUS, country code is required.

[72] N4 SEGMENT - Diversion/Reconsignment (T4) (DG 76)

SEGMENT CONDITION: Required if diversion/reconsignment SPLC applies.

[76] N4 SEGMENT - Bill Charges To (PO) (DG 77)

SEGMENT CONDITION: Use if city is required for party to whom charges are billed. If available provide city, state, and ZIP to accommodate trading partners that cannot identify activities by DoDAAC/CAGE/MAPAC.

[80] N4 SEGMENT - Issuing Office (IU) (DG 78)

SEGMENT CONDITION: Use if Issuing Office (IU) city, state, and ZIP Code apply.

[83] N4 SEGMENT - FOB Point (DG 79)

SEGMENT CONDITION: Use if FOB point applies.

PER

Pos: 440 Max: 3 Heading - Optional Loop: N1 Elements: 4

User Option (Usage): Used

Syntax Rules:

- 1. P0304 If either PER03 or PER04 is present, then the other is required.
- 2. P0506 If either PER05 or PER06 is present, then the other is required.
- 3. P0708 If either PER07 or PER08 is present, then the other is required.

Element Summary:

Ref PER01	<u>ld</u> 366	Element Name	Req M	Type ID	Min/Max 2/2	<u>Usage</u> Used		
		DoD Definition: [50-01] Transportation Comp	pany E	Dispatche	r Contact Qual	lifier (DG 70)		
		[55-01] Destination (ST) Contact Qualifier (DG	G 71)					
		[60-01] Origin (SF) Contact Qualifier (DG 72)						
		[81-01] Name of Issuing Officer Qualifier (DG	78)					
		Code Name						
		EM DoD Definition:						
		[50-01] Emergency Contact [55-01] Emergency Contact [60-01] Emergency Contact						
		O DoD Definition:						
		[81-01] Issuing Officer						
PER02	93		0	AN	1/60	Must use		
		DoD Definition: [81-02] Name of Issuing Office	icer (D	G 78)				
PER03	365		Χ	ID	2/2	Must use		
		DoD Definition: [50-03] Transportation Company Dispatcher Telephone Number Qualifier (DG 70)						
		[55-03] Destination (ST) Phone Number Qualifier (DG 71)						
		[60-03] Origin (SF) Phone Number Qualifier (DG 72)						
		Code Name						
		AU DoD Definition :						
		[55-03] Defense Switched Network [60-03] Defense Switched Network						
		TE DoD Definition:						
		[50-03] Telephone [55-03] Telephone [60-03] Telephone						
PER04	364		Χ	AN	1/80	Must use		
		DoD Definition: [50-04] Transportation Comp	pany E	Dispatche	r Telephone N	umber (DG 70)		
		[55-04] Destination (ST) Contact Phone Numb	ber (D	G 71)				
		Both commercial and DSN phone numbers ar	re requ	uired for a	mmunition shi	pments.		
		[60-04] Origin (SF) Contact Phone Number (DG 72)						

Ref Id Element Name Req Type Min/Max Usage

Both commercial and DSN phone numbers are required for ammunition shipments.

DoD Segment Definition:

[50] PER SEGMENT - Transportation Company Dispatcher Contact (DG 70)

SEGMENT CONDITION: Required if the Defense Transportation Tracking System (DTTS) is required. [55] PER SEGMENT - DTTS Destination (ST) (DG 71)

SEGMENT CONDITION: Required if the Defense Transportation Tracking System (DTTS) is required. [60] PER SEGMENT - DTTS Origin (SF) (DG 72)

SEGMENT CONDITION: Required if the Defense Transportation Tracking System (DTTS) is required. [81] PER SEGMENT - Name of Issuing Officer (IU) (DG 78)

SEGMENT CONDITION: Use if name of issuing officer is required.

Loop

Pos: 450 Repeat: 999

Optional

Loop: S5 Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	Req	Max Use	Repeat	<u>Usage</u>
450	S5		0	1		Used
460	G62		0	6		Used
490		Loop N1	0		5	Must use

S5

Pos: 450 Max: 1 Heading - Optional Loop: S5 Elements: 4

User Option (Usage): Used

Syntax Rules:

- 1. P0304 If either S503 or S504 is present, then the other is required.
- 2. P0506 If either S505 or S506 is present, then the other is required.
- 3. P0708 If either S507 or S508 is present, then the other is required.

Element Summary:

<u>Ref</u> S501			ent Name	Req M	Type N0	Min/Max 1/3	<u>Usage</u> Used	
		DoD [Definition: [84-01] Stop Sequence Nu	ımber (E	OG 80)			
		locatio	shipment stops enroute to the final de on here. This sequence number needs nation Loop with each commodity that	s to appe	ear in the	100 Detail - Li	ne Item Header	
S502	163			М	ID	2/2	Used	
		DoD [DoD Definition: [84-02] Stop Reason Code (DG 80)					
		<u>Code</u>	<u>Name</u>					
		LD	DoD Definition:					
			[84-02] Load					
		UL	DoD Definition:					
			[84-02] Unload					
S510	154			0	ID	6/9	Used	
		DoD Definition: [84-10] Stop SPLC Code (DG 80)						
		Nine-o	digit SPLCs are required for costing of NUS.	f all ship	ments ex	cept by ocean.	SPLC not used	
			RCE: Continental Directory of Standar	d Point L	ocation	Codes (SPLC)	available from	
		Natior	nal Motor Freight Traffic Association, I	nc.				
S511	190	Natior	nal Motor Freight Traffic Association, I	nc. O	ID	1/1	Used	
S511	190		nal Motor Freight Traffic Association, I Definition: [84-11] Stop Accomplish C	0	ID	1/1	Used	
S511	190	DoD [•	0	ID	1/1	Used	
S511	190	DoD [Definition: [84-11] Stop Accomplish C	0	ID	1/1	Used	
S511	190	DoD I	Definition: [84-11] Stop Accomplish (0	ID	1/1	Used	
S511	190	DoD I	Definition: [84-11] Stop Accomplish C Name DoD Definition:	0	ID	1/1	Used	

DoD Segment Definition:

[84] S5 SEGMENT - Stop Data (DG 80)

The S5 loop must occur for each unique action that occurs at an enroute location. If a pickup and delivery action are performed at the same enroute location, the S5 loop must occur once for the pickup, and once for the delivery. The origin address is not included in this loop. The split pickup and split delivery addresses are included in this loop. For example, if a shipment makes a stop location and unloads an item, then moves to an inside address and unloads and loads an item, three actions have affected the shipment at two locations. Consequently, the 858 must contain three S5 loops, one for each action.

LOOP CONDITION: DG 80 required if the shipment requires inside pickup, inside delivery, stops, and objective service supply deliveries.

G62

Pos: 460 Max: 6 Heading - Optional Loop: S5 Elements: 4

User Option (Usage): Used

Syntax Rules:

- 1. P0102 If either G6201 or G6202 is present, then the other is required.
- 2. P0304 If either G6203 or G6204 is present, then the other is required.
- 3. R0103 At least one of G6201 or G6203 is required.

Element Summary:

<u>Ref</u> G6201	<u>ld</u> 432	Elem	ent Name	Req X	Type ID	Min/Max 2/2	<u>Usage</u> Must use	
		DoD I	Definition: [85-01] Stop Date(s) Qual	ifier (DG	G 80)			
		Code	<u>Name</u>					
		69	DoD Definition:					
			[85-01] Scheduled Pick-Up Date					
		70	DoD Definition:					
			[85-01] Scheduled Delivery Date					
G6202	373			Χ	DT	8/8	Must use	
		DoD I	Definition : [85-02] Stop Date(s) (DG	80)				
		Use to	o satisfy claims and discrepancies. So	heduled	d date on	which stop will	l occur.	
G6203	176			Χ	ID	1/2	Used	
		DoD Definition: [85-03] Stop Arrival/Departure Times Qualifier (DG 80)						
		ELEN	MENT CONDITION: Required if G6204	1 is used	1.			
		Code	<u>Name</u>					
		8	DoD Definition:					
			[85-03] Actual Pickup Time					
		9	DoD Definition:					
			[85-03] Actual Delivery Time					
		Α	DoD Definition:					
			[85-03] Actual Departure Time					
G6204	337			Х	TM	4/8	Used	
		DoD I	Definition: [85-04] Stop Arrival/Depai	rture Tin	nes (DG 8	30)		
		Schee	Scheduled time at which stop will occur. Use time format HHMM.					

DoD Segment Definition:

[85] G62 SEGMENT - Stop Arrival/Departure Times (DG 80) SEGMENT CONDITION: Required if stop/pickup applies.

Loop

Pos: 490 Repeat: 5 Optional

Loop: N1 Elements: N/A

User Option (Usage): Must use

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
490	N1		0	1		Must use
500	N2		0	2		Used
510	N3		0	2		Used
520	N4		0	1		Used
540	PER		0	3		Used

N1

Pos: 490 Max: 1 Heading - Optional Loop: N1 Elements: 4

User Option (Usage): Must use

Syntax Rules:

1. P0304 - If either N103 or N104 is present, then the other is required.

2. R0203 - At least one of N102 or N103 is required.

Element Summary:

<u>Ref</u> N101	<u>ld</u> 98	Elem	ent Name	<u>Req</u> M	<u>Type</u> ID	Min/Max 2/3	<u>Usage</u> Used	
		DoD I	Definition : [86-01] Stop Name Of Par	tv To Ri	eceive Sh	inment Qualifie	er (DG 80)	
			Name	.,		pinoni quami	(2000)	
		LP	DoD Definition:					
		Li	[86-01] Loading Party					
		UP	DoD Definition:					
		O.	[86-01] Unloading Party					
			tee of the admig tary					
N102	93			X	AN	1/60	Used	
		DoD I	DD Definition: [86-02] Stop Name Of Party To Receive Shipment (DG 80)					
			MENT CONDITION: If stop DoDAAC/C the clear text name of the stop is requi		APAC is t	unavailable (N1	104='XXXXXX'),	
N103	66			Х	ID	1/2	Must use	
		DoD I	Definition: [86-03] Stop DoDAAC/CA	GE/MAI	PAC Quai	lifier (DG 80)		
			ot use CAGE code for ocean shipment			- (/		
		Code	Name					
		10	DoD Definition:					
		. •	[86-03] Department of Defense Act	ivitv Add	dress Cod	de (DODAAC)		
		33	DoD Definition:	,				
			[86-03] Commercial and Governme	ent Entity	y (CAGE)			
		A2	DoD Definition:					
			[86-03] Military Assistance Program	n Addres	ss Code (MAPAC)		
N104	67			Х	AN	2/80	Must use	
	0.	D-D:	D-6-11 100 041 04 D-544 0404					
			Definition: [86-04] Stop DoDAAC/CA		•	•	the complete	
			o DoDAAC/CAGE/MAPAC is unavailal text name and address of the stop is r			AAAAAA ANO	ше сотпрівсе	

DoD Segment Definition:

[86] N1 SEGMENT - Stop Name of Party to Receive Shipment (DG 80)

N2

Pos: 500 Max: 2 Heading - Optional Loop: N1 Elements: 1

User Option (Usage): Used

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
N201	93		М	AN	1/60	Used

DoD Definition: [87-01] Additional Name (DG 80)

DoD Segment Definition:

[87] N2 SEGMENT - Stop Name of Party to Receive Shipment (DG 80) SEGMENT CONDITION: Use if stop name of party to receive shipment applies.

N3

Pos: 510 Max: 2 **Heading - Optional** Loop: N1 Elements: 2

User Option (Usage): Used

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>		
N301	166		М	AN	1/55	Used		
		DoD Definition: [88-01] Street (DG 80)						
N302	166		0	AN	1/55	Used		
		DoD Definition: [88-02] Additional Addressing Information (DG 80)						

DoD Segment Definition:

[88] N3 SEGMENT - Stops (DG 80) SEGMENT CONDITION: Use if stop street address of party to receive shipment applies.

N4

Pos: 520 Max: 1 Heading - Optional Loop: N1 Elements: 4

User Option (Usage): Used

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Element Summary:

<u>Ref</u> N401	<u>ld</u> 19	Element Name	Req O	<u>Type</u> AN	Min/Max 2/30	<u>Usage</u> Used
		DoD Definition: [89-01] City (DG 80)				
N402	156		0	ID	2/2	Used
		DoD Definition: [89-02] State (DG 80)				
		Also use for province if shipment is Canadia	an.			
		SOURCE: National Zip Code and Post Office National Information Data Center	ce Direc	tory avail	able from U.S. I	Postal Service
N403	116		0	ID	3/15	Used
		DoD Definition: [89-03] Stop ZIP Code/Po	stal Cod	le (DG 80	0)	
		SOURCE: National ZIP Code and Post Offi Postal Service; The USPS Domestic Mail I Superintendent of Documents				
N404	26		0	ID	2/3	Used
		DoD Definition: [89-04] Country Code (DG	<i>80)</i>			
		ELEMENT CONDITION: If stop is OCONUS	S, count	ry code is	s required.	
		SOURCE: Code for Representation of Namand Codes (GENC), is represented in the N (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V Currencies and Funds, ISO 4217, is available.	lational · '_CTRY	System fo _DOD.htt	or Geospatial In m. Codes for Re	telligence epresentation of
		, , , , , , , , , , , , , , , , , , , ,				

DoD Segment Definition:

[89] N4 SEGMENT - Stops (DG 80)

SEGMENT CONDITION: Use if stop city/state of party to receive shipment applies.

PER

Pos: 540 Max: 3 Heading - Optional Loop: N1 Elements: 3

User Option (Usage): Used

Syntax Rules:

- 1. P0304 If either PER03 or PER04 is present, then the other is required.
- 2. P0506 If either PER05 or PER06 is present, then the other is required.
- 3. P0708 If either PER07 or PER08 is present, then the other is required.

Element Summary:

<u>Ref</u> PER01			ent Name	Req M	Type ID	<u>Min/Max</u> 2/2	<u>Usage</u> Used
		DoD I	Definition: [90-01] Stop Communicati	on Num	bers Qua	lifier (DG 80)	
		<u>Code</u> IC	Name DoD Definition:				
			[90-01] Information Contact				
PER03	365			Χ	ID	2/2	Must use
		DoD [Definition: [90-03] Stop Communicati	on Num	bers Con	tact Qualifier (L	OG 80)
		<u>Code</u>	<u>Name</u>				
		IT	DoD Definition:				
			[90-03] International Telephone				
		TE	DoD Definition:				
			[90-03] Telephone				
PER04	364			X	AN	1/80	Must use
		DoD [Definition: [90-04] Stop Communicati	on Num	bers Con	tact (DG 80)	

DoD Segment Definition:

[90] PER SEGMENT - Stop Communication Numbers (DG 80) SEGMENT CONDITION: Use if stop communication numbers apply.

Loop

Pos: 550 Repeat: >1

Optional

Loop: FA1 Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
550	FA1		0	1		Used
560	FA2		M	>1		Used
570	L10		0	1		Must use

FA₁

Pos: 550 Max: 1 Heading - Optional Loop: FA1 Elements: 1

User Option (Usage): Used

Element Summary:

Ref FA101	<u>ld</u> 559	<u>Elem</u>	ent Name	Req M	Type ID	Min/Max 2/2	<u>Usage</u> Used
		DoD	Definition : [91-01] Agency Qualifier (Code (D	G 10)		
		Code	identifying the agency assigning the d	code val	ues.		
		Code	<u>Name</u>				
		DF	DoD Definition:				
			[91-01] Department of Defense (Do	D)			
		DN	DoD Definition:				
			[91-01] Department of the Navy				
		DX	DoD Definition:				
			[91-01] United States Marine Corps	S			
		DY	DoD Definition:				
			[91-01] Department of Air Force				
			DoD Definition:				
			[91-01] Department of Army				
		HS	DoD Definition:				
			[91-01] Department of Health and I Use 'HS' to denote Department of I			ty/US Coast G	uard

DoD Segment Definition:

[91] FA1 SEGMENT - Appropriation (DG 10)

(DHS/USCG)

If there is only one Transportation Accounting Code or Line of Accounting at the header level, then it applies to all shipments in that container. If there is TAC/LOA at the header level, and some of the line items in the container have their own TACs/LOAs and some do not, use the TACs/LOAs at the line item level for those specific shipments and default to the header TAC/LOA for all others. If there is an invalid TAC/LOA on a single line item we will use the header TAC/LOA.

LOOP CONDITION: Carriers do not need to receive appropriation data. This segment begins the appropriation number loop. It calls for both FA1 and FA2 segments. Shipper systems that are capable of receiving, storing, and sending structured DoD appropriation numbers may use this loop to exchange those numbers with trading partners.

FA2

Pos: 560 Max: >1 Heading - Mandatory Loop: FA1 Elements: 2

User Option (Usage): Used

Element Summary:

<u>Ref</u> FA201	<u>ld</u> 1196	Elem	ent Name	<u>Req</u> M	<u>Type</u> ID	Min/Max 2/2	<u>Usage</u> Used
FAZUI	1190						Oseu
		DoD	Definition : [92-01] Breakdown Struct	ure Deta	ail Code (DG 10)	
		Code	<u>Name</u>				
		84	DoD Definition:				
			[92-01] Total Direct Costs				
		89	DoD Definition:				
			[92-01] Budget Line Item				
		90	DoD Definition:				
			[92-01] Project Identifier				
		A1	DoD Definition:				
			[92-01] Department Indicator Use 'A1' to denote Department Re	gular			
		A2	DoD Definition:				
			[92-01] Transfer from Department Use 'A2' to denote Department Tra	nsfer			
		A3	DoD Definition:				
			[92-01] Fiscal Year Indicator				
		A4	DoD Definition:				
			[92-01] Basic Symbol Number Use 'A4' to denote Main Account				
		A5	DoD Definition:				
			[92-01] Sub-class				
		A6	DoD Definition:				
			[92-01] Sub-Account Symbol Use 'A6' to denote Sub Account				
		Al	DoD Definition:				
			[92-01] Activity Identifier				
		AT	DoD Definition:				
			[92-01] Air Force Transportation A	ccount C	Code (ATA	4 <i>C)</i>	
		B1	DoD Definition:				
			[92-01] Budget Activity Number				
		B2	DoD Definition:				
			[92-01] Budget Sub-activity Number Use 'B2' to denote Sub-Allocation	er			
		В3	DoD Definition:				
			[92-01] Budget Program Activity				
		BE	DoD Definition:				
			[92-01] Business Event Type Code)			

Code Name C1 **DoD Definition:** [92-01] Program Element C2 **DoD Definition:** [92-01] Project Task or Budget Subline C3 **DoD Definition:** [92-01] Budget Restriction Use 'C3' to denote Availability Type CC **DoD Definition:** [92-01] Cost Center Identifier D1 **DoD Definition:** [92-01] Defense Agency Allocation Recipient D4 **DoD Definition:** [92-01] Component Sub-allocation Recipient D6 **DoD Definition:** [92-01] Sub-allotment Recipient D7 **DoD Definition:** [92-01] Work Center Recipient E1 **DoD Definition:** [92-01] Major Reimbursement Source Code E2 **DoD Definition:** [92-01] Detail Reimbursement Source Code E3 **DoD Definition:** [92-01] Customer Indicator F1 **DoD Definition:** [92-01] Object Class F3 **DoD Definition:** [92-01] Government or Public Sector Identifier FΑ **DoD Definition:** [92-01] Functional Area FC **DoD Definition:** [92-01] Funding Center Identifier FT **DoD Definition:** [92-01] Funding Type G2 **DoD Definition:** [92-01] Special Interest Code or Special Program Cost Code H1 **DoD Definition:** [92-01] Cost Code Use 'H1' to denote Cost Element Code **DoD Definition:** 11 [92-01] Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC) Use 'I1' to denote Abbreviated Department of Defense (DoD) Budget and Accounting Classification IΑ DoD Definition: [92-01] Security Cooperation Implementing Agency Code **DoD Definition:** J1

Code Name

[92-01] Document or Record Reference Number

K6 **DoD Definition:**

[92-01] Accounting Classification Reference Code

L1 DoD Definition:

[92-01] Accounting Installation Number Use 'L1' to denote Agency Accounting Identifier

M1 **DoD Definition**:

[92-01] Local Installation Data

MD **DoD Definition**:

[92-01] Movement Designator Code (MDC)

N1 **DoD Definition:**

[92-01] Transaction Type

P1 **DoD Definition**:

[92-01] Disbursing Station Number Use 'P1' to denote Agency Disbursing Identifier Code

P5 **DoD Definition:**

[92-01] Foreign Military Sales (FMS) Line Item Number

S1 **DoD Definition**:

[92-01] Security Cooperation

S2 **DoD Definition:**

[92-01] Security Cooperation

TA **DoD Definition**:

[92-01] Transportation Account Code (TAC)

WO **DoD Definition**:

[92-01] Work Order Number

YB **DoD Definition:**

[92-01] Beginning Period of Availability Fiscal Year Date

YE **DoD Definition:**

[92-01] Ending Period of Availability Fiscal Year Date

ZZ DoD Definition:

[92-01] Mutually Defined

FA202 1195 M AN 1/80 Used

DoD Definition: [92-02] Financial Information Code (DG 10)

When FA201 contains code value '84', FA202 should be formatted as a dollar amount including a decimal character and two positions after the decimal, representing cents even if the value is a whole dollar amount.

DoD Segment Definition:

[92] FA2 SEGMENT - Appropriation Breakdown Structure (DG 10)

This segment is MANDATORY if and only if the FA1 SEGMENT - Appropriation segment is used. Otherwise, this segment may not be used.

L10

Pos: 570 Max: 1 **Heading - Optional** Loop: FA1 Elements: 3

User Option (Usage): Must use

Element Summary:

<u>Ref</u> L1001	<u>Id</u> 81	Eleme	ent Name	Req M	Type R	Min/Max 1/10	<u>Usage</u> Used
		DoD I	Definition: [93-01] Weight (DG 10)				
		Entry	may contain a decimal; if not, decimal	l is assu	med at ri	ght-most point	of the field.
L1002	187			М	ID	1/2	Used
		DoD I	Definition: [93-02] Weight Qualifier (E	OG 10)			
		Code	<u>Name</u>				
		N S	DoD Definition:				
			[93-02] Actual Net Weight				
L1003	188			0	ID	1/1	Must use
L1000	100	D-D	Definition (O2 O2) Weight Unit Oads			17.1	Wast asc
		ו טסט	Definition : [93-03] Weight Unit Code	(DG 10)			
			<u>Name</u>				
		E	DoD Definition:				
			[93-03] Metric Ton				
		G	DoD Definition:				
			[93-03] Grams				
		K	DoD Definition:				
			[93-03] Kilograms				
		L	DoD Definition:				
			[93-03] Pounds				
		M	DoD Definition:				
			[93-03] Measurement Ton				
		0	DoD Definition:				
			[93-03] Ounces				
		S	DoD Definition:				
			[93-03] Short Ton				
		Т	DoD Definition:				
			[93-03] Long Ton				

DoD Segment Definition:

[93] L10 SEGMENT - Appropriation Weight (DG 10) This segment is MANDATORY if and only if the FA1 SEGMENT - Appropriation segment is used. Otherwise, this segment may not be used.

Loop

Pos: 010 Repeat: >1 Mandatory

Loop: HL Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	Repeat	<u>Usage</u>
010	HL		M	1		Used
020	N7		0	1		Used
030	NA		0	1		Used
040	M7		0	5		Used
090	L7		0	10		Used
095	SL1		0	1		Used
100	N9		0	10		Must use
130	L5		0	10		Must use
134	LH6		0	5		Used
140	NTE		0	100		Used
145		Loop L0	0		20	Must use
170		Loop LH1	0		100	Used
230		Loop FA1	0		>1	Used
260		Loop NM1	0		4	Used
290		Loop N1	0		4	Used

HL

Pos: 010 Max: 1 Detail - Mandatory Loop: HL Elements: 2

User Option (Usage): Used

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
HL01	628		М	AN	1/12	Used

DoD Definition: [94-01] Detail - Line Item Description Loop (DG 100)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop, regardless of usage of the HL loop. An HL Line Item Description Loop is generated for each DG 100. 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. DG 100, commodity header information, describes one commodity (NMFC, UFC, DoD unique). The commodity detail information, DG 120, describes the type pack information in the L0 loop. There can be multiple type packs per line item.

[150-01] Detail - Gross Weight Description (DG 200)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the loop used to describe weights that apply to the entire shipment.

[152-01] Detail - Tare Weight Description Loop (DG 200)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the loop used to describe tare weights that apply to the entire shipment.

[154-01] Detail - Net Weight Description Loop (DG 200)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the loop used to describe net weights that apply to the entire shipment.

[156-01] Detail - Net Explosive Weight Description Loop (English) (DG 200)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the loop used to describe English weights that apply to the entire shipment.

[159-01] Detail - Net Explosive Weight Description Loop (Metric) (DG 200)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the loop used to describe Net Explosive Weights (Metric) that apply to the entire shipment.

[162-01] Detail - Dunnage Weight Description Loop (DG 200)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the loop used to describe Dunnage Weights that apply to the entire shipment.

[164-01] Detail - Pallet Weight Description Loop (DG 200)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the loop used to describe pallet weights that apply to the entire shipment.

[166-01] Detail - Skid Weight Description Loop (DG 200)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the loop used to describe skid weights that apply to the entire shipment.

[168-01] Detail - Freight Weight Description Loop (DG 200)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the loop used to describe freight weights that apply to the entire shipment.

Ref Id Element Name Reg Type Min/Max Usage

[170-01] Detail - Accessorial/Protective Services Loop (DG 300)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the Accessorial/Protective Services Loop. See Section 5.0 (DTEB Freight Bill of Lading Shipment Information Implementation Convention) for looping logic and examples.

[176-01] Hierarchical ID Number (DG 300)

[180-01] Detail - Fuel Surcharge Loop (DG 301)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the loop used to describe a fuel surcharge.

[183-01] Detail - Commodity Classification Summary Loop (DG 400)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL 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 HL Segment.

[189-01] Detail - ITO Quality Management Info Loop Qualifier (DG 500)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the loop used to carry ITO Quality Management Information.

[193-01] Detail - TWCF Recovery Fee Loop (DG 600)

Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the loop used to describe the TWCF recovery fee associated to DFTS shipments.

HL03 735 M ID 1/2 Used

DoD Definition: [94-03] Hierarchical Level Code (DG 100)

This code identifies the Line Item Description Loop.

[150-03] Hierarchical Level Code (DG 200)

This code identifies the Gross Weight Description Loop.

[152-03] Hierarchical Level Code (DG 200)

This code identifies the Tare Weight Description Loop.

[154-03] Hierarchical Level Code (DG 200)

This code identifies the Net Weight Description Loop.

[156-03] Hierarchical Level Code (DG 200)

This code identifies the Net Explosive Weight Description (English) Loop.

[159-03] Hierarchical Level Code (DG 200)

This code identifies the Net Explosive Weight Description (Metric) Loop.

[162-03] Hierarchical Level Code (DG 200)

This code identifies the Dunnage Weight Description Loop.

[164-03] Hierarchical Level Code (DG 200)

This code identifies the Pallet Weight Description Loop.

[166-03] Hierarchical Level Code (DG 200)

This code identifies the Skid Weight Description Loop.

[168-03] Hierarchical Level Code (DG 200)

This code identifies the Freight Weight Description Loop.

[170-03] Hierarchical Level Code (DG 300)

This code identifies the Accessorial/Protective Services Loop.

[176-03] Hierarchical Level Code (DG 300)

[180-03] Hierarchical Level Code (DG 301)

This code identifies the Fuel Surcharge Loop.

[183-03] Hierarchical Level Code (DG 400)

Ref Id Element Name Req Type Min/Max Usage

This code identifies the Commodity Classification Summary Loop.

[189-03] Hierarchical Level Code (DG 500)

This code identifies the ITO Quality Management Information Loop.

[193-03] Hierarchical Level Code (DG 600)

This code identifies the TWCF Recovery Fee Loop.

Code Name

2 **DoD Definition:**

[180-03] Billing Arrangement

D **DoD Definition**:

[183-03] Product Description

DoD Definition:

[94-03] Item

AD **DoD Definition**:

[189-03] Administrative Information

CT DoD Definition:

[193-03] Cost Type

Use 'CT' to denote Transportation Working Capital Fund (TWCF) Recovery Fee

PH DoD Definition:

[150-03] Product Characteristic

[152-03] Product Characteristic

[154-03] Product Characteristic

[156-03] Product Characteristic

[159-03] Product Characteristic

[162-03] Product Characteristic

[164-03] Product Characteristic

[166-03] Product Characteristic

[168-03] Product Characteristic

SS **DoD Definition**:

[170-03] Services

[176-03] Services

DoD Segment Definition:

[94] HL SEGMENT - Line Item Detail (DG 100)

[150] HL SEGMENT - Gross Weight Description Loop (DG 200)

LOOP CONDITION: Use when gross weight description applies.

[152] HL SEGMENT - Detail - Tare Weight Description Loop (DG 200)

LOOP CONDITION: Use when tare weight description is required.

[154] HL SEGMENT - Net Weight Description Loop (DG 200)

The HL Net Weight Description Loop must occur for the shipment net weight.

The HL Net Weight Description Loop must occur for the shipment net weight.

[156] HL SEGMENT - Net Explosive Weight Description Loop (English) (DG 200)

LOOP CONDITION: Required if the Defense Transportation Tracking System (DTTS) is required and the shipment is an explosive danger.

[159] HL SEGMENT - Net Explosive Weight Description Loop (Metric) (DG 200)

LOOP CONDITION: Required if the Defense Transportation Tracking System (DTTS) is required and the shipment is an explosive danger.

[162] HL SEGMENT - Dunnage Weight Description Loop (DG 200)

LOOP CONDITION: Required if dunnage weight description Loop is required.

[164] HL SEGMENT - Pallet Weight Description Loop (DG 200)

LOOP CONDITION: Required if pallet weight applies.

[166] HL SEGMENT - Skid Weight Description Loop (DG 200)

LOOP CONDITION: Required if skid weight is required.

[168] HL SEGMENT - Freight Weight Description Loop (DG 200)

[170] HL SEGMENT - Accessorial/Protective Services Loop (DG 300)

LOOP CONDITION: Required if the shipment calls for accessorial or protective service. One HL

Accessorial/Protective Services Loop must occur for each service ordered.

[176] HL SEGMENT - Level of Service Loop (DG 300)

LOOP CONDITION: Use for air freight shipments.

[180] HL SEGMENT - Fuel Surcharge Loop (DG 301)

LOOP CONDITION: Required only when Mode is Air (BX02 code values 'AF'. 'AH', 'FA') or Motor, as long as fuel surcharge policy is in effect.

[183] HL SEGMENT - Commodity Classification Summary Loop (DG 400)

LOOP CONDITION: Required except for ocean and SPOT BID shipments.

[189] HL SEGMENT - ITO Quality Management Info Loop Qualifier (DG 500)

LOOP CONDITION: Use if the shipper needs to report quality control information, DG 500 must appear.

[193] HL SEGMENT - Transportation Working Capital Fund (TWCF) Recovery Fee Loop (DG 600)

LOOP CONDITION: Required for all Defense Freight Transportation Services (DFTS) shipments.

N7

Pos: 020 Max: 1 Detail - Optional Loop: HL Elements: 2

User Option (Usage): Used

Syntax Rules:

- 1. P0304 If either N703 or N704 is present, then the other is required.
- 2. P0516 If either N705 or N716 is present, then the other is required.
- 3. P0809 If either N708 or N709 is present, then the other is required.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
N701	206		0	AN	1/4	Used

DoD Definition: [95-01] Primary Equipment Initials (DG 100)

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

SOURCE: IATA Unit Load Devices Manual available from International Air Transport Association

[171-01] Equipment Initial (DG 300)

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

ELEMENT CONDITION: If the value in N702 is other than 'NONE', or the equipment initials are not available, use the SCAC.

SOURCE: IATA Unit Load Devices Manual available from International Air Transport Association

N702 207 M AN 1/10 Used

DoD Definition: [95-02] Primary Equipment Numbers (DG 100)

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

[171-02] Equipment Number (DG 300)

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

DoD Segment Definition:

[95] N7 SEGMENT - Primary Equipment Identifier (DG 100)

SEGMENT CONDITION: This segment is required in the line item detail if the shipment moves on multiple pieces of primary equipment. Use this segment to associate the line item with the primary equipment on which it is conveyed. Associate with equipment identified in N7 segment, DataGroup 60.

[171] N7 SEGMENT - Primary Equipment Identifier (DG 300)

SEGMENT CONDITION: Required if the shipment moves on multiple pieces of equipment and the accessorial/protective service applies to a particular piece of equipment. Do not use this segment if the accessorial/protective service applies to the whole shipment.

NA

Pos: 030 Max: 1
Detail - Optional
Loop: HL Elements: 4

User Option (Usage): Used

Syntax Rules:

1. C0102 - If NA01 is present, then NA02 is required.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>		
NA01	128		X	ID	2/3	Used		
		DoD Definition: [97-01] Military Vehicle		on/Serial	Number Qualif	ier (DG 100)		
		ELEMENT CONDITION: Required if NA	02 is used.					
		Code Name						
		SE DoD Definition:						
		[97-01] Serial Number						
		VT DoD Definition:						
		[97-01] Motor Vehicle ID Number	er					
NA02	127		X	AN	1/30	Used		
		DoD Definition: [97-02] Military Vehicle	Identificati	on/Serial	Number (DG 1	00)		
		Use VIN to describe the vehicles being r	noved.					
NA03	206		М	AN	1/4	Used		
		DoD Definition: [96-03] Shipper Equipment Initials (DG 100)						
		[97-03] Military Vehicle Initials (Filler) (De	G 100)					
		Code Name						
		DODV DoD Definition:						
		[96-03] DoD Van and Containe	er					
		DROM DoD Definition :						
		[96-03] Dromedary Equipment						
		NONX DoD Definition :						
		[97-03] Vehicle						
NA04	207		М	AN	1/10	Used		
		DoD Definition: [96-04] Shipper Equipm	nent Numb	ers (DG 1	00)			
		Use for Initials and Serial Number of the	Shipper O	wned Con	tainers/DROM	ls.		
		[97-04] Military Vehicle Bumper Number (DG 100)						

DoD Segment Definition:

[96] NA SEGMENT - Shipper Equipment Numbers (DG 100)

Shipper owned vehicles, like trucks, jeeps, and tanks, are identified using a different mapping of the NA segment in the HL Line Item Description Loop. See the following occurrence of the NA segment for mapping of vehicles information.

Use 'NONE' if bumper number is unavailable.

SEGMENT CONDITION: This segment required to indicate the mapping for shipper equipment numbers when applicable. Shipper equipment is that equipment/vehicle which is supplied/owned by the shipper. This includes DROMs, containers, and vans.

[97] NA SEGMENT - Military Vehicle Identification (DG 100) SEGMENT CONDITION: This segment required to indicate the mapping for shipper owned vehicles when applicable. This includes cars, jeeps, tanks, and trucks. See the previous occurrence of the NA segment for mapping of shipper equipment information. The model number maps to NTE SEGMENT - Vehicle Model Number.

M7

Pos: 040 Max: 5
Detail - Optional
Loop: HL Elements: 1

User Option (Usage): Used

Element Summary:

 Ref
 Id
 Element Name
 Req
 Type
 Min/Max
 Usage

 M701
 225
 M
 AN
 2/15
 Used

DoD Definition: [98-01] Seals On Shipper Owned Equipment (DG 100)

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

DoD Segment Definition:

[98] M7 SEGMENT - Seals (DG 100)

SEGMENT CONDITION: Required when seals are applied.

L7

Pos: 090 Max: 10 Detail - Optional Loop: HL Elements: 4

User Option (Usage): Used

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
L702	168		0	ID	1/4	Must use
		DoD Definition: [184-02] Tariff/Tender Ra	te Autho	rity (SCA	C) (DG 400)	
		The Standard Carrier Alpha Code that prefi	ixes the	tender nu	ımber.	
		SOURCE: Directory of Standard Multi-Mod STAC), NMF 101 Series available from Nati			•	•
L703	171		0	AN	1/7	Must use
		DoD Definition: [184-03] Tariff/Tender Nu.	mber (D	G 400)		
L708	173		0	AN	1/4	Used
		DoD Definition: [184-08] Tariff/Tender Sup	pplemen	nt Identifie	er (DG 400)	
		Enter two-digit number, using leading zero	as requi	ired.		
L710	373		0	DT	8/8	Used
		DoD Definition: [184-10] Tariff/Tender Effe	ective D	ate (DG 4	100)	
		Include for Tailored Transportation Contract	t (TTC)	Traffic sh	ipments.	

DoD Segment Definition:

[184] L7 SEGMENT - Tariff/Tender Rate Authority (DG 400) SEGMENT CONDITION: Used for SPOT BID shipments as well as ocean shipments.

SL₁

Pos: 095 Max: 1
Detail - Optional
Loop: HL Elements: 2

User Option (Usage): Used

Syntax Rules:

1. R0304 - At least one of SL103 or SL104 is required.

Element Summary:

<u>Ref</u> SL101	<u>ld</u> 284	Eleme	ent Name	<u>Req</u> M	<u>Type</u> ID	Min/Max 2/2	<u>Usage</u> Used
		DoD I	Definition: [177-01] Service Level Co	de (DG	300)		
		<u>Code</u>	<u>Name</u>				
		ΑE	DoD Definition:				
			[177-01] Air Economy Use 'AE' to denote Extended				
		D1	DoD Definition:				
			[177-01] Delivery Scheduled Next L Use 'D1' to denote Overnight	Day by C	Cartage A	lgent	
		D2	DoD Definition:				
			[177-01] Delivery Scheduled Secor Use 'D2' to denote Second Day	nd Day b	y Cartag	e Agent	
		D3	DoD Definition:				
			[177-01] Delivery Scheduled Third Use 'D3' to denote Deferred	Day by (Cartage A	Agent	
		SG	DoD Definition:				
			[177-01] Standard Ground Use 'SG' to denote Priority				
SL103	22			Χ	AN	1/30	Must use
		DoD [Definition: [177-03] Required Elemen	t (DG 3	00)		

DoD Segment Definition:

[177] SL1 SEGMENT - Level of Service (DG 300) SEGMENT CONDITION: Required for air freight shipments.

Enter value zero (0) to satisfy X12 syntax.

N9

Pos: 100 Max: 10
Detail - Optional
Loop: HL Elements: 4

User Option (Usage): Must use

Syntax Rules:

1. C0605 - If N906 is present, then N905 is required.

2. R0203 - At least one of N902 or N903 is required.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	Type	Min/Max	<u>Usage</u>			
N901	128		М	ID	2/3	Used			
		DoD Definition: [99-01] Requisition Number	r Qualifi	ier (DG 1	00)				
		[100-01] Authority Number (Contract) Qualifi	er (DG	100)					
		The contract number qualifier which correspond	onds to	the shipn	nent unit.				
		[101-01] Authority Number (PO) Qualifier (D	G 100)						
		The purchase order number qualifier which of	correspo	onds to th	e shipment ui	nit.			
		[102-01] TCN Qualifier (DG 100)							
		[103-01] National Stock No./Manufacturer's	Part No.	. Qualifie	r (DG 100)				
		This qualifier must appear if NSN is used. Use available.	se Mani	ufacturer'	s Part Numbe	r if NSN is not			
		[104-01] Project Code Qualifier (DG 100)							
		[105-01] Stop Sequence Number Cross-Reference Qualifier (DG 100)							
		[106-01] Reference Identification Qualifier (E	G 100)						
		[107-01] LIN Index Number Qualifier (DG 10	0)						
		[108-01] Line Item Number Qualifier (DG 100)							
		[109-01] Controlled Inventory Item Code (Cla	IC) Qua	lifier (DG	100)				
		[110-01] DoDIC Qualifier (DG 100)							
		[172-01] Service Performed Identifier (DG 30	00)						

[173-01] Stop Sequence Number Qualifier (DG 300) [190-01] Reason (Not Lowest Cost) Qualifier (DG 500) This qualifier must appear if not lowest cost is used.

Code Name

11	DoD Definition:
	[110-01] Department of Defense Identification Code (DoDIC)
1P	DoD Definition:
	[172-01] Accessorial Status Code
25	DoD Definition:
	[190-01] Reason Not Lowest Cost Code
CT	DoD Definition:
	[100-01] Contract Number
ED	DoD Definition:
	[106-01] Export Declaration
HS	DoD Definition:
	[103-01] Harmonized Code System (Canada)
JΥ	DoD Definition:

Code Name

[103-01] Origin of Shipment Harmonized-Based Code

LI DoD Definition:

[108-01] Line Item Identifier (Seller's)

LY **DoD Definition**:

[103-01] Destination of Shipment Harmonized-Based Code

M6 **DoD Definition**:

[109-01] Military Ordnance Security Risk Number Use 'M6' to denote Controlled Inventory Item Code (CIIC)

MF **DoD Definition**:

[103-01] Manufacturers Part Number

NS **DoD Definition**:

[103-01] National Stock Number

P4 **DoD Definition**:

[104-01] Project Code

PO **DoD Definition**:

[101-01] Purchase Order Number

QN **DoD Definition**:

[105-01] Stop Sequence Number [173-01] Stop Sequence Number

RQ **DoD Definition**:

[99-01] Purchase Requisition Number

TG **DoD Definition**:

[102-01] Transportation Control Number (TCN)

BCI **DoD Definition**:

[107-01] Basic Contract Line Item Number

N902 127 X AN 1/30 Must use

DoD Definition: [99-02] Requisition Number (DG 100)

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

[100-02] Authority Number (Contract) (DG 100)

The contract number which corresponds to the shipment unit.

[101-02] Authority Number (PO) (DG 100)

The purchase order number which corresponds to the shipment unit.

[102-02] TCN - Transportation Control Number (DG 100)

Every line item (HL Line Item Description Loop) should identify the TCN with which it is associated.

[103-02] National Stock No./Manufacturer's Part No. (DG 100)

[104-02] Project Code (DG 100)

[105-02] Stop Sequence Number Cross-Reference (DG 100)

If stops apply to a shipment, a line item is identified with a stop by carrying the sequence number of the stop address in this data element. That sequence number appears in the S5 segment in the header area of the transaction set.

[106-02] Reference Identification (DG 100)

Use shipper DoDAAC plus TCN.

[107-02] LIN Index Number (DG 100)

[108-02] Line Item Number (DG 100)

[109-02] Controlled Inventory Item Code (CIIC) (DG 100)

Ref ld **Element Name** Req Type Min/Max Usage SOURCE: DoD 4100.39-M (FLIS Manual) Volume 10, Table 61 [110-02] DoDIC (DG 100) Required for all ammunition and explosives. Also called Navy Ammunition Logistics Code (NALC). [172-02] Service Performed Date Qualifier (DG 300) Use the following value to denote the DoD definition as indicated: DP - Date Service was Performed [173-02] Stop Sequence Number (DG 300) If stops apply to a shipment, a service code is identified with a stop by carrying the sequence number of the stop address in this data element. That sequence number appears in the S5 segment in the header area of the transaction set. [190-02] Reason (Not Lowest Cost) (DG 500) Code that identifies the 'Reason Not Lowest Cost' service provided as defined by the "Freight Lading Bill Reason Code" table found in USTranscom Reference Data Management (TRDM), mirrored at http://www.transcom.mil/dteb/files/refdata/V_D_FRGHT_LDNG_BL4_CD.htm. N904 373 DT 8/8 Used DoD Definition: [100-04] Authority Number (Contract) Date (DG 100) The contract number date which corresponds to the shipment unit. [101-04] Authority Number (PO) Date (DG 100) The purchase order number date which corresponds to the shipment unit. [172-04] Service Performed Date (DG 300) The date the service was performed. N907 C040 0 Used Comp DoD Definition: [102-07] Transportation Tracking Number (TTN) Composite Header (DG COMPOSITE CONDITION: Required for unit move cargo when Transportation Tracking Number is applicable. Syntax: 1. P0304 - If either C04003 or C04004 is present, then the other is required. 2. P0506 - If either C04005 or C04006 is present, then the other is required. 2/3 N907-01 ID Used 128 DoD Definition: [102-07-01] Transportation Tracking Number (TTN) Qualifier (DG 100) Code Name 18 **DoD Definition:** [102-07-01] Plan Number Use '18' to denote Transportation Tracking Number (TTN) N907-02 127 1/30 Used AN DoD Definition: [102-07-02] Transportation Tracking Number (TTN). (DG 100)

DoD Segment Definition:

[99] N9 SEGMENT - Requisition Number (DG 100)

SEGMENT CONDITION: Required if available.

[100] N9 SEGMENT - Shipment Unit Contract Number (DG 100)

SEGMENT CONDITION: Use this segment if the contract number used to purchase the shipment unit is available.

[101] N9 SEGMENT - Shipment Unit Purchase Order Number (DG 100)

SEGMENT CONDITION: Use this segment if the purchase order (PO) number used to purchase the shipment unit is available.

[102] N9 SEGMENT - TCN (DG 100)

[103] N9 SEGMENT - National Stock No./Manufacturer's Part No. (DG 100)

SEGMENT CONDITION: Required if available.

[104] N9 SEGMENT - Project Code (DG 100)

SEGMENT CONDITION: Required if project code is used.

[105] N9 SEGMENT - Stop Sequence Number Cross-Reference (DG 100)

[106] N9 SEGMENT - External Tracking Number (XTN) (DG 100)

SEGMENT CONDITION: Use for USML shipments. U.S. Customs' Automated Export System uses this number.

[107] N9 SEGMENT - LIN Index Number (DG 100)

SEGMENT CONDITION: Use for Army Unit moves.

[108] N9 SEGMENT - Line Item Number (DG 100)

SEGMENT CONDITION: Use for Army Unit moves.

[109] N9 SEGMENT - Controlled Inventory Item Code (CIIC) (DG 100)

SEGMENT CONDITION: Required if the Defense Transportation Tracking System (DTTS) is required and if

DoD-controlled item has a CIIC assigned.

[110] N9 SEGMENT - DoD Identification Code (DoDIC) (DG 100)

SEGMENT CONDITION: Required for DTTS if the hazardous shipment contains ammunition.

[172] N9 SEGMENT - Service Performed (DG 300)

SEGMENT CONDITION: Required for accessorial/protective services.

[173] N9 SEGMENT - Stop Sequence Number (DG 300)

SEGMENT CONDITION: Required if stop-offs occur.

[190] N9 SEGMENT - Reason (Not Lowest Cost) (DG 500)

SEGMENT CONDITION: Required only if HL SEGMENT - ITO Quality Management Info Loop Qualifier is used.

L5

Pos: 130 Max: 10 Detail - Optional Loop: HL Elements: 4

User Option (Usage): Must use

Syntax Rules:

- 1. C0706 If L507 is present, then L506 is required.
- 2. P0304 If either L503 or L504 is present, then the other is required.
- 3. P0809 If either L508 or L509 is present, then the other is required.

Element Summary:

<u>Ref</u> L502	<u>ld</u> 79	Element Name	Req O	<u>Type</u> AN	Min/Max 1/50	<u>Usage</u> Used			
		DoD Definition: [111-02] Descript	tion Of Articles (E	OG 100)					
		Clear text description of the line ite	em.						
		[112-02] POV Make (DG 100)							
		ELEMENT CONDITION: If this seguesed in this segment.	gment appears, a	nt least or	ne of L502 and	L506 must be			
		[185-02] Commodity Description (L	OG 400)						
L503	22		X	AN	1/30	Must use			
		DoD Definition: [111-03] Classific	cation Item No. (C	Commodi	ty Code) (DG 1	100)			
		When the sub-item number is available	ilable, provide it il	n the last	two positions	of this element.			
		DIC reference is applicable only with	•	h the valu	ie 'I' in the L50-	4.			
		[185-03] Commodity Code (DG 40	•						
		If the shipment goes FAK, enter the	e DoD unique FA	AK code i	nstead of the N	IMFC/UFC.			
L504	23		X	ID	1/1	Must use			
		DoD Definition: [111-04] Classific	cation Item No. (C	Commodi	ty Code) Quali	fier (DG 100)			
		[185-04] Commodity Code Qualifie	er (DG 400)						
		Code Name							
		A DoD Definition :							
		[111-04] Harmonized Tariff Schedule of the United States Annotated							
		D DoD Definition:							
			[111-04] Department of Defense Unique Codes [185-04] Department of Defense Unique Codes						
		DoD Definition:							
		[111-04] Milstamp AITC or	r Water Commod	lity Code					
		J DoD Definition:							
		[111-04] Harmonized Syst	tem-Based Sche	dule B					
		N DoD Definition:							
		[111-04] National Motor Fi [185-04] National Motor Fi							
		T DoD Definition:							
		[111-04] Standard Transpo [185-04] Standard Transpo							
		U DoD Definition:							

Code Name

[111-04] Uniform Freight Classification (UFC) [185-04] Uniform Freight Classification (UFC)

L506 87 X AN 1/48 Used

DoD Definition: [111-06] Number On Packages (DG 100)

Use to show descriptive marks and numbers on freight.

[112-06] Vehicle Color (DG 100)

ELEMENT CONDITION: If this segment appears, at least one of L502 and L506 must be used in this segment.

DoD Segment Definition:

[111] L5 SEGMENT - Classification (DG 100)

[112] L5 SEGMENT - Privately Owned Vehicle (DG 100)

SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS. Not used otherwise.

[185] L5 SEGMENT - Commodity Description (DG 400)

SEGMENT CONDITION: Required if and only if HL SEGMENT - Commodity Classification Summary Loop is used.

LH6

Pos: 134 Max: 5
Detail - Optional
Loop: HL Elements: 4

User Option (Usage): Used

Syntax Rules:

1. P0203 - If either LH602 or LH603 is present, then the other is required.

Element Summary:

Ref LH601	<u>ld</u> 93	Element Name	Req O	<u>Type</u> AN	Min/Max 1/60	<u>Usage</u> Must use			
		Don Definition: [112-01] HAZMAT - Cort	fyina Po						
		DoD Definition : [113-01] HAZMAT - Certifying Person (49CFR Compliance) (DG 190) Clear text. MANDATORY for all hazardous material shipments.							
		SOURCE: 49 CFR 172.204	matoria	. 6					
LH602	272		Х	ID	1/1	Must use			
		DoD Definition: [113-02] HAZMAT - Certification Code (49 CFR Compliance) (DG 190)							
		Code Name							
		1 DoD Definition:							
		[113-02] Abbreviated Hazardous (Certificati	on					
		2 DoD Definition:							
		[113-02] Long Form of Hazardous	Certifica	ntion					
LH603	273		Х	AN	1/25	Must use			
		DoD Definition: [113-03] HAZMAT - Certif 190)	fication L	Declaratio	n (49 CFR Cor	mpliance) (DG			
		Certification verbiage in accordance with 4 materials shipments. Verbiage that certifie first occurrence of the HL Line Item Descri	s the ent	ire shipme					
		SOURCE: Hazardous Materials Regulation Rail, Highway, and Water available from A							
LH604	273		0	AN	1/25	Used			
		DoD Definition: [113-04] HAZMAT - Certif 190)	fication L	Declaratio	n (49 CFR Cor	mpliance) (DG			
		ELEMENT CONDITION: Use for any remacharacters in LH603.	ninder of	certificatio	on verbiage exc	ceeding 25			
		SOURCE: Hazardous Materials Regulation Rail, Highway, and Water available from A							

DoD Segment Definition:

[113] LH6 SEGMENT - Certification Code (49 CFR Compliance) (DG 190) SEGMENT CONDITION: Required for HAZMAT shipments.

NTE

Pos: 140 Max: 100 Detail - Optional Loop: HL Elements: 2

User Option (Usage): Used

Element Summary:

Element	Summa	ary:							
Ref	<u>ld</u>	Eleme	ent Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>		
NTE01	363			0	ID	3/3	Must use		
		DoD [Definition: [114-01] 3PL Offer Recor	d Numbe	er Qualific	er (DG 190)			
		[115-0	01] Vehicle Model Number Qualifier (I	DG 1001)				
		[116-0	01] Unit Line Number Qualifier (DG 20	001)					
		_	-01] Transportation Tracking Account Number (TTAN) Qualifier (DG 190)						
		_	01] Other Information Qualifier Code (·					
			nents by other than ocean use code v 'LIQ', 'ADD', and 'OCR'.	alue '07	'H'. Ocea	n shipments u	se code values		
		Code	<u>Name</u>						
		ADD	DoD Definition:						
			[118-01] Additional Information						
		CIG	DoD Definition:						
			[118-01] Cigarette Information						
		EED	DoD Definition:						
			[115-01] Equipment Description						
		LIQ	DoD Definition:						
			[118-01] Liquor Information						
		OCR	DoD Definition:						
			[118-01] Outside the Continental L	J.S. (OC	ONUS) F	Rating Informati	ion		
		OTH	DoD Definition:						
			[118-01] Other Instructions						
		OTN	DoD Definition:						
			[116-01] Another Type of Number	Descript	ion				
		TCF	DoD Definition:						
			[117-01] Tariff Commodity Footnot Use 'TCF' to denote Transportation		ng Accou	nt Number (TT	AN)		
		UPI	DoD Definition:						
			[114-01] Updated Information Use 'UPI' to denote 3PL Offer Rec	ord Num	ber Quai	lifier			
NTE02	352			М	AN	1/80	Used		
		DoD [Definition: [114-02] 3PL Offer Recor	d Numbe	er (DG 19	90)			
		[115-0	02] Vehicle Model Number (DG 1001))					
		•	02] Unit Line Number (DG 2001)						
		_	02] Transportation Tracking Account I	Number	(TTAN) (DG 190)			
		-	02] Other Information (DG 190)						
		veloci	nents by other than ocean enter clear ity management instructions. Ocean s E01 as follows: With code value 'OCF	shipment	s enter v	alues dependii	ng on code value		

Information. With code value 'CIG' or 'LIQ' use cigarette or liquor information. Repeat

Ref Id Element Name Reg Type Min/Max Usage

segment until all cigarette or liquor data has been entered.

DoD Segment Definition:

[114] NTE SEGMENT - 3PL Offer Record Number (DG 190)

SEGMENT CONDITION: Use for 3PL coordinated shipments (DTCI or DFTS) only. Required for 3PL coordinated shipments. Matches the shipper's offer record numbers that appear in corresponding 219 Transportation Service Request and a 220 Transportation Service Response.

[115] NTE SEGMENT - Vehicle Model Number (DG 190)

SEGMENT CONDITION: Use to identify the model number for military vehicles as applicable. Required for ocean shipments.

[116] NTE SEGMENT - Unit Line Number (DG 190)

SEGMENT CONDITION: Use to identify unit line number as applicable.

[117] NTE SEGMENT - Transportation Tracking Account Number (TTAN) (DG 190)

SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Account Number is applicable.

[118] NTE SEGMENT - Other Information (DG 190)

SEGMENT CONDITION: For non-ocean shipments, use to indicate line item level special instructions.

Ocean shipments use for additional comments information or rating information as needed. Repeat once for each qualifier.

Loop

Pos: 145 Repeat: 20

Optional

Loop: L0 Elements: N/A

User Option (Usage): Must use

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
145	L0		0	1		Must use
150	L1		0	20		Used
160	MEA		0	10		Used

L₀

Pos: 145 Max: 1 Detail - Optional Loop: L0 Elements: 14

User Option (Usage): Must use

Syntax Rules:

- 1. C1104 If L011 is present, then L004 is required.
- 2. P0203 If either L002 or L003 is present, then the other is required.
- 3. P0405 If either L004 or L005 is present, then the other is required.
- 4. P0607 If either L006 or L007 is present, then the other is required.
- 5. P0809 If either L008 or L009 is present, then the other is required.
- 6. P1315 If either L013 or L015 is present, then the other is required.

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>				
L001	213		0	N0	1/3	Must use				
		DoD Definition: [174-01] Service Loop Identifier (DG 300)								
		Use value '300' to indicate service loop.	Use value '300' to indicate service loop.							
		[181-01] Fuel Surcharge Loop Identifier (DC								
		Use value '301' to indicate fuel surcharge loop.								
		[191-01] Item Qualifier (DG 500)								
		Use value '500' to satisfy X12 syntax for the	Use value '500' to satisfy X12 syntax for the Not Lowest Cost Charge Difference Loop.							
		[194-01] TWCF Recovery Fee Loop Identifier (DG 600)								
		Use value '600' to indicate TWCF Recovery	Fee loo	op.						
L002	220		Х	R	1/11	Must use				

DoD Definition: [119-02] Billed/Rated Quantity (DG 120)

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 HL 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., HL Line Item Description Loop, of the same commodity. Two rules must be followed when constructing an L0 segment: 1) If the billed/rated quantity is expressed as freight weight, it appears here. Freight weight is the weight that line haul rate is based upon and may include skid, pallet, and dunnage weights, carried in separate MEA segments. The L004, L005, and L011 elements are not used. 2) If the billed/rated quantity is other than weight, such as barrels or gallons in the case of a pipeline shipment, it also appears here. If entry does not contain a decimal, decimal is assumed at right-most point of the field. In addition, the L004, L005, and L011 elements are used to carry the weight information, if required. For ocean shipments, enter line item weight.

[174-02] Service Units (DG 300)

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 an integer, a decimal is not required. If service units do not apply, leave L002 and L003 blank.

[186-02] Commodity Billed/Rated Quantity (DG 400)

All quantities that appear in HL Line Item Description Loops must be accumulated by commodity and carried here within the HL Detail - Commodity Classification Summary Loop. A commodity is a single type of product or material. Transportation of a commodity is usually billed/rated by units of freight weight. A line item on a transportation bill describes a single commodity. The quantity of a line item commodity is described in the HL Detail - Line Item Description loop. There may be many line items (i.e., HL Detail - Line Item Description

Ref Id Element Name

Req Type Min/Max

Usage

loops) of the same commodity. As with line item quantities, to describe accumulated quantities, two rules must be followed when constructing an L0 segment: 1) If the accumulated billed/rated quantity is expressed as freight weight, it appears here. Freight weight is the weight that line haul rate is based upon and may include skid, pallet, and dunnage weights, carried in separate MEA segments. Entry should not contain a decimal; decimal is assumed at right-most point of the field. 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.

L003 221

Χ

ID

2/2

Must use

DoD Definition: [119-03] Billed/Rated Quantity Qualifier (DG 120)

[174-03] Service Units Qualifier (DG 300)

ELEMENT CONDITION: Required if L002 is used.

SOURCE: Reference Section 6.0 of this IC for code values using applicable Accessorial Services for Rail Shipments, Accessorial Services for Tailored Transportation Contract Traffic Shipments, Accessorial/Protective Service For Air Shipments, Accessorial/Protective Service For Motor Shipments, Bulk Fuel Shipments, Miscellaneous Services, and Pipeline Shipments tables. Common code values associated with multiple definitions prevents documentation of the entire sub-set.

[186-03] Commodity Billed/Rated Quantity Qualifier (DG 400)

Code Name

BA **DoD Definition**:

[119-03] Barrels [186-03] Barrels

GL **DoD Definition**:

[119-03] Gallon [186-03] Gallon

LB DoD Definition:

[119-03] Pound [186-03] Pound

L004 81

Χ

R

1/10

Must use

DoD Definition: [119-04] Freight Weight (DG 120)

Freight weight of line item described in pounds only. Freight weight is the weight that line haul rate is based on and may include skid, pallet, and dunnage weights, depending on the applicable tender. Skid, pallet, and dunnage weights are carried in separate MEA segments. Entry may contain a decimal; if not, decimal is assumed at right-most point of the field. See the next occurrence of the MEA segment for the weight breakdown for packing materials. Decimals are not used for ocean shipments.

[126-04] Weight (DG 120)

[127-04] Dimensional Weight (DG 120)

When applicable, dimensional weight shall be calculated using the following formula: Length x Width x Height divided by 194 equals dimensional weight (all measurements in inches).

[151-04] Shipment Gross Weight (DG 200)

The total weight for the shipment. This weight includes the shipment net weight plus the tare weight. Entry may contain a decimal; if not, decimal is assumed at right-most point of the field.

[153-04] Shipment Tare Weight (DG 200)

The actual tare weight of the shipment. Tare weight is the weight of the truck or container. Entry may contain a decimal; if not, decimal is assumed at right-most point of the field.

[155-04] Shipment Net Weight (DG 200)

The net weight of the shipment. Net weight = freight weight + skid weight + pallet weight +

Ref Id Element Name Req Type Min/Max Usage

dunnage weight. Entry may contain a decimal; if not, decimal is assumed at right-most point of the field.

[157-04] Shipment Net Explosive Weight (Dry) (DG 200)

Entry may contain a decimal; if not, decimal is assumed at right-most point of the field. If explosive is wet, enter value zero (0) to satisfy X12 syntax.

ELEMENT CONDITION: Enter net explosive weight if explosive is dry.

[160-04] Shipment Net Explosive Weight (Dry) (DG 200)

Use value zero (0) to satisfy X12 syntax.

[163-04] Shipment Dunnage Weight (DG 200)

Entry may contain a decimal; if not, decimal is assumed at right-most point of the field.

[165-04] Shipment Pallet Weight (DG 200)

Entry may contain a decimal; if not, decimal is assumed at right-most point of the field.

[167-04] Shipment Skid Weight (DG 200)

Entry may contain a decimal; if not, decimal is assumed at right-most point of the field.

[169-04] Shipment Freight Weight (DG 200)

Freight weight is the weight that line haul rate is based upon and may include skid, pallet, and dunnage weights, carried in separate MEA segments. The freight weight for all commodities should be accumulated and carried in the data element. Entry may contain a decimal; if not, decimal is assumed at right-most point of the field.

[186-04] Weight (DG 400)

If the commodity freight weight has not been expressed as commodity billed/rated quantity in L002, then it can be expressed here. 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. Freight weight is the weight that line haul rate is based upon and may include skid, pallet, and dunnage weights, carried in separate MEA segments. Entry may contain a decimal; if not, decimal is assumed at right-most point of the field.

L005 187 X ID 1/2 Must use

DoD Definition: [119-05] Freight Weight Qualifier (DG 120)

ELEMENT CONDITION: Required if L004 is used.

[126-05] Weight Qualifier (DG 120)

[127-05] Dimensional Weight Qualifier (DG 120)

[151-05] Shipment Gross Weight Qualifier (DG 200)

[153-05] Shipment Tare Weight Qualifier (DG 200)

[155-05] Shipment Net Weight Qualifier (DG 200)

[157-05] Shipment Net Explosive Weight Qualifier (DG 200)

This element is required to satisfy X12 syntax whether explosive is dry or wet.

[160-05] Shipment Net Explosive Weight Qualifier (DG 200)

This element is required to satisfy X12 syntax whether explosive is dry or wet.

[163-05] Shipment Dunnage Weight Qualifier (DG 200)

[165-05] Shipment Pallet Weight Qualifier (DG 200)

[167-05] Shipment Skid Weight Qualifier (DG 200)

[169-05] Shipment Freight Weight Qualifier (DG 200)

[186-05] Weight Qualifier (DG 400)

ELEMENT CONDITION: Required if L004 is used.

Code Name

A **DoD Definition**:

[119-05] Consolidated Weight

B **DoD Definition:**

Code Name [119-05] Billed Weight С **DoD Definition:** [119-05] Actual Net Repeated for Combination D **DoD Definition:** [119-05] Destination Weight Agreement Ε **DoD Definition:** [119-05] Estimated Net Weight F **DoD Definition:** [119-05] Deficit Weight G **DoD Definition:** [119-05] Gross Weight [151-05] Gross Weight **DoD Definition:** Η [119-05] Weight Per 100 Feet ı **DoD Definition:** [119-05] Weight Per 1000 Feet **DoD Definition:** J [119-05] Light Weight Κ **DoD Definition:** [119-05] Clean Out L **DoD Definition:** [119-05] Legal Weight Μ **DoD Definition:** [119-05] Minimum Weight (for rate) Ν **DoD Definition:** [119-05] Actual Net Weight [155-05] Actual Net Weight 0 **DoD Definition:** [119-05] Excess Weight Over Maximum Ρ **DoD Definition:** [119-05] Weight Per 100 Units Q **DoD Definition:** [119-05] Weight Per 1000 Units R **DoD Definition:** [119-05] Per Unit Dunnage S **DoD Definition:** [119-05] State Weight Т **DoD Definition:** [119-05] Tare Weight [153-05] Tare Weight U **DoD Definition:** [119-05] Weight Per Unit V **DoD Definition:** [119-05] Non Transit Weight (On Transit Bills Only) **DoD Definition:** W

Code Name

[119-05] Transit Weight (On Transit Bills Only) Χ **DoD Definition:** [119-05] Maximum Weight (for Rate) Υ **DoD Definition:** [119-05] Theoretical Weight Ζ **DoD Definition:** [119-05] Mutually Defined **DoD Definition:** Α1 [119-05] Dimensional Weight [126-05] Dimensional Weight [127-05] Dimensional Weight Α2 **DoD Definition:** [119-05] Reweighed By Carrier А3 **DoD Definition:** [119-05] Shippers Weight A4 **DoD Definition:** [119-05] Average Weight per Load CD **DoD Definition:** [119-05] Chargeable Dunnage [163-05] Chargeable Dunnage CE **DoD Definition:** [119-05] Certified Weight of Cargo [157-05] Certified Weight of Cargo [160-05] Certified Weight of Cargo DR **DoD Definition:** [119-05] Drained Weight FR **DoD Definition:** [119-05] Freight Weight [126-05] Freight Weight [169-05] Freight Weight [186-05] Freight Weight LC **DoD Definition:** [119-05] Maximum Lading Capacity ND **DoD Definition:** [119-05] Nonchargeable Dunnage NI **DoD Definition:** [119-05] Non-Temporary Storage Weight In NR **DoD Definition:** [119-05] Non-Temporary Storage Weight Re-handled NT **DoD Definition:** [119-05] Non-Temporary Storage Weight Out PΑ **DoD Definition:** [119-05] Pallet Weight [165-05] Pallet Weight RG **DoD Definition:** [119-05] Reweigh Gross Weight

RN

DoD Definition:

		Code	<u>Name</u>						
			[119-05] Reweigh Net Weight						
		RT	DoD Definition:						
			[119-05] Reweigh Tare Weight						
		SF	DoD Definition:						
			[119-05] Storage in Transit Final We	eight Out	t				
		SI	DoD Definition:						
			[119-05] Storage in Transit Weight i	n					
		SK	DoD Definition:						
			[119-05] Skid Weight [167-05] Skid Weight						
		SO	DoD Definition:						
			[119-05] Storage in Transit Weight	Dut					
		WA	DoD Definition:						
			[119-05] Administrative Weight Allo	vance					
		WB	DoD Definition:						
			[119-05] Unaccompanied Baggage	Weight					
		WG	DoD Definition:						
			[119-05] Professional Gear Weight						
		WJ	DoD Definition:						
			[119-05] Joint Travel Regulation We	eight					
L006	183			Х	R	1/8	Must use		
		DoD I	Definition: [119-06] Cube (DG 120)						
		Cube	of line item.						
		[126-0	06] Cube (DG 120)						
		ELEM	IENT CONDITION: Required for ocear	shipme	nts.				
L007	184			Χ	ID	1/1	Must use		
		DoD I	Definition: [119-07] Cube Qualifier (D	3 120)					
			Definition : [119-07] Cube Qualifier (DG 120) -07] Cube Qualifier (DG 120)						
		-	·						
			Name						
		Е	DoD Definition:						
			[119-07] Cubic Feet [126-07] Cubic Feet						
		G	DoD Definition:						
			[119-07] Gallons						
		Н	DoD Definition:						
			[119-07] Hundreds of Measurement	Tons					
		S	DoD Definition:						
			[119-07] Measurement Ton						
		V	DoD Definition:						
			[119-07] Liter						
		Χ	DoD Definition:						
			[119-07] Cubic Meters						
L008	80			Χ	N0	1/7	Must use		

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>			
		DoD Definition: [119-08] Type Pack Quan	itity (DG	120)					
		Enter the Type Pack Quantity. For ocean s	hipment	's, enter n	umber of piec	es.			
		[126-08] Number of Pieces (DG 120)							
		ELEMENT CONDITION: Required for ocea	an shipm	nents.					
L009	211		X	ID	3/3	Must use			
		DoD Definition: [119-09] Type Pack Quali	ifier (DG	120)					
		Code for packaging form of the lading quantity.							
		SOURCE: Reference Section 6.0 of this IC for code values using the table that contains the applicable type pack qualifier. Common code values associated with multiple definitions prevents documentation of the entire sub-set.							
		[126-09] Packaging Form Code (for number							
		Code Name							
		PCS DoD Definition:							
		[126-09] Pieces							
L010	458		0	AN	2/25	Used			
		DoD Definition: [119-10] Type Pack Sub (Qualifier	(DG 120))				
		Material used to protect lading.		,					
		ELEMENT CONDITION: Use this value to configurations.	identify .	specific M	ISCVAN and S	SEAVAN			
		SOURCE: Reference Section 6.0 of this IC applicable type pack qualifier. Common cooprevents documentation of the entire sub-s	de value						
		[126-10] Ammunition Lot Number (DG 120,)						
		Use leading zero as necessary to provide a	a minimu	ım of two	characters.				
L011	188		Χ	ID	1/1	Must use			
		DoD Definition: [119-11] Freight Weight Unit Code (DG 120)							
		ELEMENT CONDITION: Required if L004	is used.						
		[127-11] Weight Unit Code (DG 120)	/5.0						
		[151-11] Shipment Gross Weight Unit Qual	•	-					
		[153-11] Shipment Tare Weight Unit Qualification [155-11] Shipment Net Weight Unit Qualification [155-11] Shipment Net Weight Unit Qualification [155-11] Shipment Net Weight Unit Qualification [155-11] Shipment Tare Weight Unit Qualification [155-11] Shipment Net We	•	,					
		[157-11] Shipment Net Explosive Weight Qualified		•	200)				
		ELEMENT CONDITION: Use this element			-				
		[160-11] Shipment Net Explosive Weight Q	-	•	-				
		ELEMENT CONDITION: Use this element			•				
		[163-11] Shipment Dunnage Weight Unit Q		•	•				
		[165-11] Shipment Pallet Weight Unit Quali	ifier (DG	200)					
		[167-11] Shipment Skid Weight Unit Qualifi	ier (DG 2	200)					
		[169-11] Shipment Freight Weight Unit Qua	alifier (D	G 200)					
		[186-11] Weight Unit Qualifier (DG 400)							
	ELEMENT CONDITION: Required if L004 is used.								
		Code Name							
		E DoD Definition:							
		[119-11] Metric Ton [127-11] [151-11]							
		[101-11]							

```
Code Name
       [153-11]
        [155-11]
        [157-11]
        [160-11]
        [163-11]
        [165-11]
        [167-11]
        [169-11]
       [186-11]
G
      DoD Definition:
        [119-11] Grams
       [127-11]
       [151-11]
        [153-11]
        [155-11]
       [157-11]
       [160-11]
       [163-11]
       [165-11]
       [167-11]
       [169-11]
       [186-11]
Κ
      DoD Definition:
       [119-11] Kilograms
       [127-11]
       [151-11]
       [153-11]
       [155-11]
       [157-11]
       [160-11]
       [163-11]
       [165-11]
       [167-11]
       [169-11]
       [186-11]
      DoD Definition:
        [119-11] Pounds
        [127-11]
       [151-11]
       [153-11]
        [155-11]
        [157-11]
        [160-11]
        [163-11]
        [165-11]
        [167-11]
       [169-11]
       [186-11]
Μ
       DoD Definition:
        [119-11] Measurement Ton
        [127-11]
        [151-11]
        [153-11]
        [155-11]
        [157-11]
        [160-11]
        [163-11]
        [165-11]
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Code Name

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[167-11]
                            [169-11]
                            [186-11]
                    0
                           DoD Definition:
                            [119-11] Ounces
                            [127-11]
                            [151-11]
                            [153-11]
                            [155-11]
                            [157-11]
                            [160-11]
                            [163-11]
                            [165-11]
                            [167-11]
                            [169-11]
                            [186-11]
                    S
                           DoD Definition:
                            [119-11] Short Ton
                            [127-11]
                            [151-11]
                            [153-11]
                            [155-11]
                            [157-11]
                            [160-11]
                            [163-11]
                            [165-11]
                            [167-11]
                            [169-11]
                            [186-11]
                    Т
                           DoD Definition:
                            [119-11] Long Ton
                            [127-11]
                            [151-11]
                            [153-11]
                            [155-11]
                            [157-11]
                            [160-11]
                            [163-11]
                            [165-11]
                            [167-11]
                            [169-11]
                            [186-11]
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                                                                                  2/2
L012
            56
                                                                        ID
                                                                                               Must use
                    DoD Definition: [178-12] Type of Service Code (DG 300)
                    Code Name
                           DoD Definition:
                            [178-12] [Migration Code] Airport to Airport
                           DoD Definition:
                    DA
                            [178-12] Door-to-Airport of Debarkation
                    DD
                           DoD Definition:
                            [178-12] Door to Door
                    RD
                           DoD Definition:
                            [178-12] Ramp to Door
```

Code Name

Use 'RD' to denote Airport to Door

L013 380 X R 1/15 Used

DoD Definition: [119-13] Over-dimensional Pieces, Quantity (DG 120)

Used to indicate the number of oversized pieces. If there are multiple over-dimensional items (all the same size), send as one line item and indicate total quantity here. Required for ocean shipments when there is more than one set of oversized dimensions for the same item.

L015 1073 X ID 1/1 Used

DoD Definition: [119-15] Oversized Item Indicator (DG 120)

ELEMENT CONDITION: Required if L013 is used. Required for ocean shipments when there is more than one set of oversized dimensions for the same item.

Code Name

N **DoD Definition**:

[119-15] No

Y **DoD Definition:**

[119-15] Yes

DoD Segment Definition:

[119] L0 SEGMENT - Billed/Rated Quantity (DG 120)

CHANGE NOTE: Segment condition updated per DM 1043.

Repeat the L0 loop if there is more than one set of oversized dimensions for the same item.

[126] L0 SEGMENT - Ammunition Lot Number/Number of Pieces (DG 120)

LOOP CONDITION: Required for ocean shipments if shipment contains ammunition. Report pieces, weight, cube and ammunition lot number. Report also in MEA segment (Round Count).

[127] L0 SEGMENT - Dimensional Weight (DG 120)

LOOP CONDITION: Use when dimensional weight applies. Dimensional Weight is the chargeable weight computed on the basis of volume rather than actual weight. GFM will calculate the Dimensional Weight based on dimensions passed in the MEA segments. Shipper systems must provide the Dimensional Weight.

[151] L0 SEGMENT - Shipment Gross Weight (DG 200)

LOOP CONDITION: This segment is required if and only if HL SEGMENT - Gross Weight Description Loop is used.

[153] L0 SEGMENT - Shipment Tare Weight (DG 200)

LOOP CONDITION: Required if and only if HL SEGMENT - Detail - Tare Weight Description Loop is used.

[155] L0 SEGMENT - Shipment Net Weight (DG 200)

[157] L0 SEGMENT - Shipment Net Explosive Weight (Dry) (DG 200)

LOOP CONDITION: Required if and only if HL SEGMENT - Net Explosive Weight Description Loop (English) Loop is used. Then, it is required to satisfy X12 syntax whether explosive is dry or wet.

[160] L0 SEGMENT - Shipment Net Explosive Weight (Dry) (DG 200)

[163] L0 SEGMENT - Shipment Dunnage Weight (DG 200)

LOOP CONDITION: Required if and only if HL SEGMENT - Dunnage Weight Description Loop is used.

[165] L0 SEGMENT - Shipment Pallet Weight (DG 200)

LOOP CONDITION: Required if and only if HL SEGMENT - Pallet Weight Description Loop is used.

[167] L0 SEGMENT - Shipment Skid Weight (DG 200)

LOOP CONDITION: Required if and only if HL SEGMENT - Skid Weight Description Loop is used.

[169] L0 SEGMENT - Shipment Freight Weight (DG 200)

[174] L0 SEGMENT - Service Units (DG 300)

LOOP CONDITION: Required if and only if HL SEGMENT - Accessorial/Protective Services Loop is used.

[178] L0 SEGMENT - Type of Service (DG 300)

LOOP CONDITION: Required for air freight shipments.

[181] L0 SEGMENT - Fuel Surcharge Loop Identifier (DG 301)

LOOP CONDITION: Required if and only if HL SEGMENT - Fuel Surcharge Loop is used.

[186] L0 SEGMENT - Commodity Billed/Rated Quantity (DG 400)

LOOP CONDITION: Required if and only if HL SEGMENT - Commodity Classification Summary Loop is used.

[191] L0 SEGMENT - Quality Control (DG 500)

LOOP CONDITION: This segment is required only if HL SEGMENT - ITO Quality Management Info Loop Qualifier

is used.

[194] LO SEGMENT - Transportation Working Capital Fund (TWCF) Recovery Fee Loop Identifier (DG 600) LOOP CONDITION: Required if and only if HL SEGMENT - Transportation Working Capital Fund (TWCF) Recovery Fee Loop is used.

L1

Pos: 150 Max: 20
Detail - Optional
Loop: L0 Elements: 8

User Option (Usage): Used

Syntax Rules:

- 1. P0203 If either L102 or L103 is present, then the other is required.
- 2. P1415 If either L114 or L115 is present, then the other is required.
- 3. P1718 If either L117 or L118 is present, then the other is required.
- 4. R040506 At least one of L104, L105 or L106 is required.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>			
L102	60		Х	R	1/9	Used			
		DoD Definition: [175-02] Service Rate (DG 300)							
		[182-02] Fuel Surcharge Rate (DG 301)							
		[187-02] Freight Rate (DG 400)							
		Enter freight rate applied to the shipment of not, decimal is assumed at right-most point	tain a decimal; if						
		[195-02] TWCF Recovery Fee Rate (DG 60	00)						
		ELEMENT CONDITION: Used to pass the contract.	TWCF F	Recovery	Fee rate applie	ed per the DFTS			
L103	122		Х	ID	2/2	Used			

DoD Definition: [175-03] Service Rate Qualifier (DG 300)

ELEMENT CONDITION: Required if L102 is used.

SOURCE: Reference Section 6.0 of this IC for code values using applicable Accessorial Services for Rail Shipments, Accessorial Services for Tailored Transportation Contract Traffic Shipments, Accessorial/Protective Service For Air Shipments, Accessorial/Protective Service For Motor Shipments, Bulk Fuel Shipments, Miscellaneous Services, and Pipeline Shipments tables. Common code values associated with multiple definitions prevents documentation of the entire sub-set.

Sample Values: FC,NM,P1,PM,XP

[182-03] Fuel Surcharge Rate Qualifier (DG 301)

[187-03] Freight Rate Qualifier (DG 400)

ELEMENT CONDITION: Required if L102 is used.

SOURCE: Reference Section 6.0 of this IC for code values using applicable Freight Rate Qualifier table. Common code values associated with multiple definitions prevents documentation of the entire sub-set.

Sample Values:

AV,BR,CW,DH,DR,DS,DV,ER,FC,FR,FT,HD,HM,HX,IN,LB,MA,MB,MC,MH,MN,MP,MS,MV,MW,ND,NM,NP,NV,P1,PA,PC,PD,PG,PH,PI,PM,PN,PP,PR,PS,PV,PW,PY,RL,SP,ST,VA,VH,VR,VT,VU,VV,XP

[195-03] TWCF Recovery Fee Qualifier (DG 600)

Code Name

PM **DoD Definition:**

[182-03] Per Mile

PS **DoD Definition**:

[195-03] Per Shipment

Code Name

PW **DoD Definition**:

[182-03] Percentage of Charges

VT **DoD Definition**:

[182-03] Per Mile per Vehicle

L104 58 X N2 1/12 Must use

DoD Definition: [120-04] Charge (DG 120)

Code identifying the type of identification number of Depository Financial Institution (DFI)

[175-04] Service Charge (DG 300)

The charge for an accessorial or protective service. If the shipper does not know the charge, enter '00' in this data element. A two-position decimal is implied in this data.

Sample Values: FC,NM,P1,PM,XP

[179-04] Air Charge (DG 300)

Use value '000'.

[182-04] Fuel Surcharge (DG 301)

The charge allowed for fuel surcharge.

[187-04] Freight Charge (DG 400)

The total line haul charge for the specific commodity described in L503.

Sample Values:

AV,BR,CW,DH,DR,DS,DV,ER,FC,FR,FT,HD,HM,HX,IN,LB,MA,MB,MC,MH,MN,MP,MS,MV, MW,ND,NM,NP,NV,P1,PA,PC,PD,PG,PH,PI,PM,PN,PP,PR,PS,PV,PW,PY,RL,SP,ST,VA,V H,VR,VT,VU,VV,XP

[192-04] Not Lowest Cost Charge Difference (DG 500)

Use value zero (0) if no charge difference is available.

[195-04] TWCF Recovery Fee (DG 600)

The charge allowed for TWCF recovery fee.

Code Name

00 **DoD Definition:**

[120-04] Use value '00' to meet X12 syntax requirements.

L108 150 O ID 3/3 Must use

DoD Definition: [175-08] Service Identifier Code (DG 300)

Code values apply both to services requested and received.

See Section 6.0 for valid code list.

SOURCE: Reference Section 6.0 of this IC, beginning on page 6.14, for code values using applicable Accessorial Services for Rail Shipments, Accessorial Services for Tailored Transportation Contract Traffic Shipments, Accessorial/Protective Service For Air Shipments, Accessorial/Protective Service For Motor Shipments, Bulk Fuel Shipments, Miscellaneous Services, and Pipeline Shipments tables. Common code values associated with multiple definitions prevents documentation of the entire sub-set.

Sample Values: FC,NM,P1,PM,XP,045,495,500,AAM,AAS

[179-08] Air Code (DG 300)

[182-08] Fuel Surcharge Service Identifier (DG 301)

[195-08] TWCF Recovery Fee Service Identifier (DG 600)

Code Name

405 **DoD Definition**:

[182-08] Fuel Surcharge

Use '405' to denote Fuel Surcharge for Air and Fuel Adjustment for non-Air

Code Name

L109

121

615 **DoD Definition:**

[195-08] Recovery Fee

Use '615' to denote Transportation Working Capital Fund (TWCF) Recovery Fee

ID

1/3

Must use

AIR **DoD Definition**:

[179-08] Air Freight

DoD Definition: [187-09] Type of Rate Qualifier (DG 400)

Qualifies the authority (tender/tariff) number identified in the HL Detail - Line Item Description loop, L7 segment.

Sample Values:

AV,BR,CW,DH,DR,DS,DV,ER,FC,FR,FT,HD,HM,HX,IN,LB,MA,MB,MC,MH,MN,MP,MS,MV,MW,ND,NM,NP,NV,P1,PA,PC,PD,PG,PH,PI,PM,PN,PP,PR,PS,PV,PW,PY,RL,SP,ST,VA,VH,VR,VT,VU,VV,XP

Code Name

A **DoD Definition**:

[187-09] Alternate Rating

C **DoD Definition:**

[187-09] Specific Commodity Rate

DoD Definition:

[187-09] Class Not Identifiable

L DoD Definition:

[187-09] Class Rate

Y DoD Definition:

[187-09] Exception Rating

QUO DoD Definition:

[187-09] Quoted Rate

L112 276 O AN 2/25 Used

DoD Definition: [175-12] Service Description (DG 300)

Some accessorial services such as empty movements and stops (including stop-offs, inside pickup and delivery, and objective service supply deliveries) require a Standard Point Location Code (SPLC) to describe where the service was performed. This information is required to determine the charge for the service.

SOURCE: Reference Section 6.0 of this IC for code values using applicable Accessorial Services for Rail Shipments, Accessorial Services for Tailored Transportation Contract Traffic Shipments, Accessorial/Protective Service For Air Shipments, Accessorial/Protective Service For Motor Shipments, Bulk Fuel Shipments, Miscellaneous Services, and Pipeline Shipments tables. Common code values associated with multiple definitions prevents documentation of the entire sub-set.

Sample Values: FC,NM,P1,PM,XP,045,495,500,AAM,AAS,LTL,TL

L114 74 X N2 2/12 Must use

DoD Definition: [120-14] Declared Value (DG 120)

Enter the actual value or selling price per TCN (include total bill of lading line item quantity cost).

[187-14] Declared Value (DG 400)

ELEMENT CONDITION: Required for proper application of rates for certain commodities.

Sample Values:

AV,BR,CW,DH,DR,DS,DV,ER,FC,FR,FT,HD,HM,HX,IN,LB,MA,MB,MC,MH,MN,MP,MS,MV,

 Ref
 Id
 Element Name
 Req
 Type
 Min/Max
 Usage

 MW,ND,NM,NP,NV,P1,PA,PC,PD,PG,PH,PI,PM,PN,PP,PR,PS,PV,PW,PY,RL,SP,ST,VA,VH,VR,VT,VU,VV,XP
 X
 ID
 2/2
 Must use

DoD Definition: [120-15] Rate/Value Qualifier (DG 120)

[187-15] Declared Value Rate Qualifier (DG 400)

ELEMENT CONDITION: Required if L114 is used.

Sample Values:

AV,BR,CW,DH,DR,DS,DV,ER,FC,FR,FT,HD,HM,HX,IN,LB,MA,MB,MC,MH,MN,MP,MS,MV, MW,ND,NM,NP,NV,P1,PA,PC,PD,PG,PH,PI,PM,PN,PP,PR,PS,PV,PW,PY,RL,SP,ST,VA,V H,VR,VT,VU,VV,XP

Code Name

CO **DoD Definition:**

[120-15] Cost per Unit

Use 'CO' to denote Total Cost per TCN

LA **DoD Definition**:

[187-15] Per Pound Per Article

LB **DoD Definition**:

[187-15] Per Pound

LV **DoD Definition**:

[187-15] Per Pound Per Vehicle

PV **DoD Definition**:

[187-15] Per Vehicle

DoD Segment Definition:

[120] L1 SEGMENT - Declared Value of Bill of Lading Line Item (DG 120)

SEGMENT CONDITION: Declared value is required for all shipments that will be processed through a foreign host nation's customs and border clearance program.

[175] L1 SEGMENT - Service Rate (DG 300)

SEGMENT CONDITION: Required if and only if L0 SEGMENT - Service Units is used.

[179] L1 SEGMENT - Air Code (DG 300)

SEGMENT CONDITION: Required for air freight shipments.

[182] L1 SEGMENT - Fuel Surcharge (DG 301)

SEGMENT CONDITION: Required if and only if L0 SEGMENT - Fuel Surcharge Loop Identifier is used.

[187] L1 SEGMENT - Freight Rate (DG 400)

SEGMENT CONDITION: Required if and only if L0 SEGMENT - Commodity Billed/Rated Quantity is used.

[192] L1 SEGMENT - Not Lowest Cost Charge Difference (DG 500)

SEGMENT CONDITION: Required if and only if LO SEGMENT - Quality Control is used.

[195] L1 SEGMENT - Transportation Working Capital Fund (TWCF) Recovery Fee (DG 600)

SEGMENT CONDITION: Required if and only if L0 SEGMENT - Transportation Working Capital Fund (TWCF)

Recovery Fee Loop Identifier is used.

MEA

Pos: 160 Max: 10
Detail - Optional
Loop: L0 Elements: 4

User Option (Usage): Used

Syntax Rules:

- 1. C0504 If MEA05 is present, then MEA04 is required.
- 2. C0604 If MEA06 is present, then MEA04 is required.
- 3. E0803 Only one of MEA08 or MEA03 may be present.
- 4. L07030506 If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
- 5. R03050608 At least one of MEA03, MEA05, MEA06 or MEA08 is required.

Element Summary:

lement S	Summa	ıry:							
Ref	<u>ld</u>	Elem	ent Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>		
MEA01	737			0	ID	2/2	Must use		
		DoD I	Definition: [121-01] Packaging Materi	al Quali	fier (DG	120)			
			ht breakout per type pack per commod ent. For each type of packing material ent.						
		[122-0	01] Shipped Dimensions Information Q	ualifier	(DG 120)				
		[123-0	01] Net Explosive Weight Qualifier (DG	120)					
		[124-01] Net Explosive Quantity Qualifier (DG 120)							
		[125-0	01] Round Count Qualifier (DG 120)						
		_	01] Shipment Net Explosive Weight Qu	•		-			
		[161-0	01] Shipment Net Explosive Weight Qเ	ıalifier (Wet) (DG	200)			
		<u>Code</u>	<u>Name</u>						
		CT	DoD Definition:						
			[125-01] Counts						
		DN	DoD Definition:						
			[121-01] Dunnage Dimension						
		NX	DoD Definition:						
			[123-01] Net Explosive Weight [158-01] Net Explosive Weight [161-01] Net Explosive Weight						
		PA	DoD Definition:						
			[121-01] Pallet Dimensions						
		SD	DoD Definition:						
			[122-01] Shipped Dimensions						
		SK	DoD Definition:						
			[121-01] Skid Dimensions						
		WT	DoD Definition:						
			[124-01] Weights Use 'WT' to denote Net Explosive C	uantity					
MEA02	738			0	ID	1/3	Must use		
		DoD I	Definition: [121-02] Packaging Materi	al Weig	ht Qualific	er (DG 120)			
		[122-02] Shipped Dimensions Qualifier (DG 120)							

Ref ld **Element Name** Req Type Min/Max Usage GFM will calculate oversize dimensions from shipper provided information. Code Name **DoD Definition:** [121-02] Billed Weight HT **DoD Definition:** [122-02] Height LN **DoD Definition:** [122-02] Length WD **DoD Definition:** [122-02] Width 1/20 MEA03 739 Χ R Must use DoD Definition: [121-03] Packaging Material Weight (DG 120) The weight for any component of the packaging material (e.g. skid, pallet, dunnage weights). Entry may contain a decimal; if not, decimal is assumed at right-most point of the field. [122-03] Shipped Dimensions Units (DG 120) Use for values of oversize dimensions. [123-03] Net Explosive Weight (DG 120) If net explosive weight is available for an individual line item, carry that weight in this data element. Entry may contain a decimal; if not, decimal is assumed at right-most point of the [124-03] Net Explosive Quantity (DG 120) Entry may contain a decimal; if not, decimal is assumed at right-most point of the field. [125-03] Round Count (DG 120) [158-03] Shipment Net Explosive Weight (Wet) (DG 200) Entry may contain a decimal; if not, decimal is assumed at right-most point of the field. [161-03] Shipment Net Explosive Weight (Wet) (DG 200) Entry may contain a decimal; if not, decimal is assumed at right-most point of the field. MEA04 C001 Comp Must use **DoD Definition:** [121-04] Unit or Basis for Measurement Code (DG 120) C00101 calls for an identifier from the DE 355 code list. The element separator is not used in this template. Its elements are concatenated together without using a delimiter. [122-04] Unit or Basis for Measurement Code (DG 120) C00101 calls for an identifier from the DE 355 code list. The element separator is not used in this template. Its elements are concatenated together without using a delimiter. [123-04] Composite Unit of Measurement Code (DG 120) [124-04] Composite Unit of Measurement Code (DG 120) [125-04] Composite Unit of Measurement Code (DG 120) [158-04] Composite Unit of Measure (Wet) (DG 200) C00101 calls for an identifier from the DE 355 code list. The element separator is not used in this template. Its elements are concatenated together without using a delimiter. [161-04] Composite Unit of Measure (DG 200) C00101 calls for an identifier from the DE 355 code list. The element separator is not used in this template. Its elements are concatenated together without using a delimiter. MEA04-01 355 DoD Definition: [121-04-01] Unit or Basis for Measurement Code (DG 120)

Ref Id Element Name Reg Type

<u>eq Type Min/Max U</u>

By placing code value 'PN' (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element.

[122-04-01] English Measurement Code (DG 120)

By placing code value 'FT' or 'IN' (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element.

[123-04-01] Net Explosive Weight Qualifier (English) (DG 120)

Both metric and English units are required to comply with 49 CFR 171.10. By placing these code values (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element. Use 'GA' if explosive is wet. Use 'PN' if explosive is dry.

[124-04-01] Net Explosive Quantity Qualifier (Metric) (DG 120)

By placing these code values (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element. Use 'KG' if explosive is dry. Use 'LT' if explosive is wet.

[125-04-01] Round Count Qualifier (DG 120)

By placing code value 'RO' (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element.

[158-04-01] Shipment Net Explosive Weight Qualifier (Wet) (DG 200)

By placing code value 'GA' (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element.

[161-04-01] Shipment Net Explosive Weight Qualifier (Wet) (DG 200)

By placing code value 'LT' (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element.

Code Name

FT DoD Definition:

[122-04-01] Foot

GA **DoD Definition**:

[123-04-01] Gallon [158-04-01] Gallon

IN **DoD Definition**:

[122-04-01] Inch

KG **DoD Definition**:

[124-04-01] Kilogram

LT DoD Definition:

[124-04-01] Liter [161-04-01] Liter

PN **DoD Definition**:

[121-04-01] Pounds Net [123-04-01] Pounds Net

RO **DoD Definition**:

[125-04-01] Round

DoD Segment Definition:

[121] MEA SEGMENT - Packaging Material Weight (DG 120)

SEGMENT CONDITION: Use to provide weight breakout per type pack per commodity per shipment unit. [122] MEA SEGMENT - Shipped Dimensions (DG 120)

SEGMENT CONDITION: Required if the shipment is oversize or if air shipment. (GFM needs dimensions to cost air shipment.) All dimensions are required for all 3PL carrier shipments.

[123] MEA SEGMENT - Net Explosive Weight (English) (DG 120)

For OCONUS shipments, NEW facilitates compliance with 1MDGC.

SEGMENT CONDITION: Required for all shipment modes; include if available. English (and metric) units are required to comply with 49 CFR 171.10.

[124] MEA SEGMENT - Net Explosive Quantity (Metric) (DG 120)

For OCONUS shipments, NEW facilitates compliance with 1MDGC.

SEGMENT CONDITION: Required if available. Metric (and English) units are required to comply with 49 CRF 171.10.

[125] MEA SEGMENT - Round Count (DG 120)

SEGMENT CONDITION: Required if shipment contains ammunition.

[158] MEA SEGMENT - Shipment Net Explosive Weight (Wet) (DG 200) SEGMENT CONDITION: Use this segment only if explosive is wet.

[161] MEA SEGMENT - Shipment Net Explosive Weight (Wet) (DG 200) SEGMENT CONDITION: Use this segment only if explosive is wet.

Loop

Pos: 170 Repeat: 100 Optional

Loop: LH1 Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	Repeat	<u>Usage</u>
170	LH1		0	1		Used
180	LH2		0	4		Used
190	LH3		0	12		Used
191	LFH		0	20		Used
210	LHR		0	10		Used

LH1

Pos: 170 Max: 1
Detail - Optional
Loop: LH1 Elements: 7

User Option (Usage): Used

Element Summary:

lement	Summa	ary:								
<u>Ref</u>	<u>ld</u>	Eleme	nt Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>			
LH101	355			М	ID	2/2	Used			
		DoD D	efinition: [128-01] HAZMAT - Unit	Of Measi	ure Code	(DG 190)				
			ns the code identifying the Unit of Miss reported. Use LH106 to express t	•	• •	· · · · · ·	hich the data in			
		Comm	CE: Reference Section 6.0 of this IC on code values associated with multi sub-set.			•				
		Sample	e Values: BA,BD,BG,BX,CH							
		[188-0	[188-01] HAZMAT - Unit Of Measure Code (DG 400)							
		Use 'ZZ' in this data element and zero (0) in LH102 to indicate commodity requires a HAZMAT indicator.								
		Code	<u>Name</u>							
		ZZ	DoD Definition:							
			[188-01] Mutually Defined							
LH102	80			М	N0	1/7	Used			
		DoD D	efinition: [128-02] HAZMAT - Ladin	ng Quant	ity (DG 1	90)				
		Contail	ns the number of units (pieces) of th	e lading	commodi	ity that is Hazar	dous.			
		SOUR	CE: 49 CFR 172.202(c)							
		Sample	e Values: BA,BD,BG,BX,CH							
		[188-02	2] HAZMAT - Lading Quantity (DG 4	(00)						
		Use the	e value zero (0).							
LH103	277			0	ID	6/6	Must use			
		DoD D	efinition: [128-03] HAZMAT - UN/N	IA ID Co	de (DG 1	90)				
			CE: Hazardous Materials Regulatior lighway, and Water available from A							
			e Values: BA,BD,BG,BX,CH							
LH106	355			0	ID	2/2	Used			
		DoD D	efinition: [128-06] HAZMAT - Engli	sh Meas	urement	Code (DG 190)				
		typicall hazard	e unit of measure codes for quantity ly be pounds, cubic feet, or a unit of lous material is measured in other th o X12 Standard, DE 355. Use LH101	measure an the a	e other that bove liste	an pieces. If the ed Weight Units	e weight of the			
		LFH05	ENT CONDITION: Required if LH10: //LFH06 are required to pass the HA. etric unit of measure are available, b	ZMAT uı	nit of mea					
		Sample	e Values: BA,BD,BG,BX,CH							
		Code	<u>Name</u>							
		20	DoD Definition:							
			[128-06] 20 Foot Container							

Code Name 2R **DoD Definition:** [128-06] Kilocurie 4D **DoD Definition:** [128-06] Curie BR **DoD Definition:** [128-06] Barrel CW **DoD Definition:** [128-06] Hundred Pounds (CWT) D2 **DoD Definition:** [128-06] Shares FO **DoD Definition:** [128-06] Fluid Ounce G2 **DoD Definition:** [128-06] U.S. Gallons Per Minute GΑ **DoD Definition:** [128-06] Gallon LB **DoD Definition:** [128-06] Pound LG **DoD Definition:** [128-06] Long Ton M0 **DoD Definition:** [128-06] Magnetic Tapes M5 **DoD Definition:** [128-06] Microcurie MU **DoD Definition:** [128-06] Millicurie NS **DoD Definition:** [128-06] Short Ton ΟZ **DoD Definition:** [128-06] Ounce - Av PΝ **DoD Definition:** [128-06] Pounds Net PS **DoD Definition:** [128-06] Pounds per Sq. Inch PΤ **DoD Definition:** [128-06] Pint Q2 **DoD Definition:** [128-06] Pint U.S. Dry QΤ **DoD Definition:** [128-06] Quart 0 R 1/15 Used

DoD Definition: [128-07] HAZMAT - Quantity (DG 190)

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

380

LH107

<u>Ref</u>	<u>ld</u>	Eleme	ent Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>				
		Samp	le Values: BA,BD,BG,BX,CH								
LH109	665			0	ID	1/1	Used				
		DoD [Definition : [128-09] HAZMAT - Resid	lue Indic	ator Code	e (DG 190)					
			indicating that the material being des ding a tank car) after it has been unlo		that whic	ch remains in a	packaging				
	Use code value 'R' to indicate that the unit being shipped is empty and contains a residue from a prior movement.										
		SOURCE: 49 CFR 172.203(e)									
		Samp	le Values: BA,BD,BG,BX,CH								
		<u>Code</u>	<u>Name</u>								
		R	DoD Definition:								
			[128-09] Residue Last Contained D	Description	on (Tank	Car)					
LH110	254			0	ID	1/3	Used				
		DoD [Definition: [128-10] HAZMAT - Packi	ng Grou	p Code (i	DG 190)					
		Indicate the required packing group using Roman Numeral I, II, or III to indicate the degree of danger.									
		SOUF	RCE: 49 CFR, Table 172.101								
		Samp	le Values: BA,BD,BG,BX,CH								

DoD Segment Definition:

[128] LH1 SEGMENT - HAZMAT Quantities (DG 190)

LOOP CONDITION: DG 190 required if the shipment contains hazardous material and/or the Defense Transportation Tracking System (DTTS) is required.

[188] LH1 SEGMENT - HAZMAT Quantities (DG 400)

LOOP CONDITION: Use this segment if the commodity is hazardous material.

LH2

Pos: 180 Max: 4
Detail - Optional
Loop: LH1 Elements: 5

User Option (Usage): Used

Syntax Rules:

- 1. P0607 If either LH206 or LH207 is present, then the other is required.
- 2. P0809 If either LH208 or LH209 is present, then the other is required.
- 3. P1011 If either LH210 or LH211 is present, then the other is required.

Element Summary:

iement 3	Juillin	aiy.							
<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>			
LH201	215		0	ID	1/30	Must use			
		DoD Definition: [129-01] HAZMAT - Hazardous Class/Division (DG 190)							
		Identify the hazard class or division prescribed for the material as shown in column 3 of 49 CFR Table 172.101. If there is no hazard class or division, use the code in that column, such as ORM-D (Other Regulated Material), reference 49 CFR 173.2. If there is a subsidiary hazard but no hazard class or division, use code value 'NA'. A material for which the entry in this column is 'Forbidden' may not be offered for transportation nor be transported. This segment needs to be repeated for each subsidiary hazard.							
		SOURCE: 49 CFR 172.101;49 CFR 173.2							
LH202	983		0	ID	1/1	Must use			
		DoD Definition: [129-02] HAZMAT - Haza	rd Class	Qualifier	(DG 190)				
		Repeat the LH2 segment as necessary to identify the primary and each subsidiary (secondary) hazard of the material being shipped.							
		Code Name							
		P DoD Definition: [129-02] Primary							
		S DoD Definition: [129-02] Secondary							
LH205	759		0	ID	2/2	Used			
		DoD Definition: [129-05] HAZMAT - Reportable Quantity (DG 190)							
		For empty packagings or units containing the residue of a hazardous material.							
		ELEMENT CONDITION: Required if necessary to indicate a reportable quantity is present in the shipment.							
		SOURCE: 49 CFR 172.203(e)							
		Code Name							
		RQ DoD Definition :							
		[129-05] Reportable Quantity							
LH206	355		Χ	ID	2/2	Used			
		DoD Definition: [129-06] HAZMAT Flashpoint Temperature Code (DG 190)							
		ELEMENT CONDITION: Required if LH207 is used.							
		Code Name							
		CE DoD Definition:							

Code Name

[129-06] Centigrade, Celsius Use 'CE' to denote Centigrade

FA **DoD Definition:**

[129-06] Fahrenheit

LH207 408 X R 1/4 Used

DoD Definition: [129-07] HAZMAT Flashpoint Temperature (DG 190)

DoD Segment Definition:

[129] LH2 SEGMENT - HAZMAT Classification (DG 190) SEGMENT CONDITION: Required for loaded and unloaded HAZMAT shipments.

LH3

Pos: 190 Max: 12 Detail - Optional Loop: LH1 Elements: 3

User Option (Usage): Used

Syntax Rules:

1. P0102 - If either LH301 or LH302 is present, then the other is required.

Element Summary:

<u>Ref</u> LH301	<u>ld</u> 224	Eleme	ent Name	Req X	<u>Type</u> AN	Min/Max 1/25	<u>Usage</u> Must use	
		DoD [Definition: [130-01] HAZMAT - Prope	r Shinni	ina Name	(DG 190)		
		DoD Definition: [130-01] HAZMAT - Proper Shipping Name (DG 190) MANDATORY for all hazardous material shipments including ammunition and explosives.						
		Create additional LH301 segment(s) for remainder of Proper Shipping Name exceeding 25 characters.						
		SOUF	RCE: 49 CFR 172.101; 49 CFR 172.20)2				
LH302	984			Х	ID	1/1	Must use	
		DoD Definition: [130-02] HAZMAT - Proper Shipping Name Qualifier (DG 190)						
		<u>Code</u>	<u>Name</u>					
		C DoD Definition:						
		[130-02] Canadian Shipping Name						
		D	DoD Definition:					
		[130-02] Domestic (United States) Shipping Name						
		1	DoD Definition:					
		[130-02] International Shipping Name						
LH303	985			0	ID	3/3	Used	
		DoD Definition: [130-03] HAZMAT - N.O.S. Indicator Code (DG 190)						
		If this field is used, an LFH segment must follow using code value 'TEC' in LFH01.						
		<u>Code</u>	<u>Name</u>					
		NOS	DoD Definition:					
			[130-03] N.O.S. Regulatory Require	ements i	Apply			

DoD Segment Definition:

[130] LH3 SEGMENT - HAZMAT Names (DG 190)

SEGMENT CONDITION: Required for empty/unloaded HAZMAT shipments; this segment should contain the last contents shipping name.

LFH

Pos: 191 Max: 20 Detail - Optional Loop: LH1 Elements: 6

User Option (Usage): Used

Syntax Rules:

1. P0506 - If either LFH05 or LFH06 is present, then the other is required.

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
LFH01	808		М	ID	3/3	Used

DoD Definition: [131-01] HAZMAT - Additional Basic Description Information Qualifier (DG 190)

Contains the hazardous material shipment information qualifier indicating the type of information being passed. MANDATORY for all explosives unless otherwise noted in 49 CFR 172.320. Use interim EX-number for explosives waiting for final classification. If the X12 code definition accompanying a LFH01 code value contains text in quotations, place the part in quotations in LFH02. If the code definition contains no quotations, see the user note in LFH02 for further guidance. Use code value 'ADI' to denote 'Other information not accounted for in the code list'. Use code value 'TEC' in this data element to indicate that the N.O.S. indicator is specified in LH303. Enter additional information that must appear in association with the shipment's basic description according to 49 CFR. Use additional occurrences of LFH segment as necessary for each code that applies to shipment.

SOURCE: 49 CFR

[132-01] HAZMAT- Information Qualifier (DG 190)

Use code value 'ADI' to satisfy X12 syntax requirements.

[133-01] HAZMAT- Information Qualifier (DG 190)

Use code value 'ADI' to satisfy X12 syntax requirements.

[134-01] HAZMAT - Information Qualifier (DG 190)

Use code value 'ADI' to satisfy X12 syntax requirements.

[135-01] HAZMAT - Shipment Information Qualifier (DG 190)

Use code value 'ADI' to satisfy X12 syntax requirements.

Code Name

ADI **DoD Definition**:

[131-01] Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement by the Shipper

[132-01] Additional Descriptive Information Not Required by Regulation but

Desired to Accompany the Movement by the Shipper [133-01] Additional Descriptive Information Not Required by Regulation but

Desired to Accompany the Movement by the Shipper [134-01]

[135-01] Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement by the Shipper

CAO DoD Definition:

[134-01] Cargo Airlift Only

D13 **DoD Definition:**

[134-01] "DOT - 113, Do Not Bump or Cut Off Car While in Motion" Declaration

DRC DoD Definition:

[134-01] Damaged Car Number

DWW **DoD Definition**:

Code Name

[131-01] "Dangerous When Wet" Declaration [134-01]

EMS DoD Definition:

[134-01] Emergency Schedule (EMS) Page Number

HOT DoD Definition:

[131-01] Identifies Products in a Heated Molten State [134-01]

HZC **DoD Definition**:

[131-01] Hazardous Substance Constituents [134-01]

INH DoD Definition:

[134-01] Inhalation Hazard

LQY **DoD Definition**:

[131-01] "Limited Quantity" Declaration [134-01]

MFA **DoD Definition**:

[134-01] Medical First Aid Guide (MFAG) Page Number

MOS **DoD Definition**:

[131-01] Maximum Operating Speed [134-01]

MPI DoD Definition:

[131-01] Marine Pollutant [134-01]

PIH **DoD Definition**:

[131-01] "Poison - Inhalation Hazard" Declaration [134-01]

POI DoD Definition:

[131-01] Poison Declaration Use 'POI' to denote "Poison" Declaration [134-01]

RAM **DoD Definition**:

[131-01] Radioactive Material Data [134-01]

TEC DoD Definition:

[131-01] Technical or Chemical Group Name [134-01]

TNM **DoD Definition**:

[134-01] Trade Name

WST DoD Definition:

[134-01] Waste Declaration

LFH02 809 M AN 1/25 Used

DoD Definition: [131-02] HAZMAT - Additional Basic Description Information (DG 190) Contains specific information about the hazardous material shipment. When applicable, use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any overflow information from LFH01 or 49 CFR except Proper Shipping Name. Use LFH03 for additional overflow. If LFH01 = 'PIH', enter 'Poisonous - Inhalation Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [See 49 CFR 172.203(n)]. If LFH01 = 'RAM', enter the appropriate text in quotes as specified by 49 CFR 172.203(d). If LFH01 = 'LQY', enter 'Ltd Qty' or 'Limited Quantity'. If LFH01 = 'HZC', enter 'Hazardous

Ref ld **Element Name** Req Type Min/Max Usage substance constituents.' If LFH01 = 'MOS', enter 'Maximum operating speed.' If LFH01 = 'MPI', enter 'Marine Pollutant.' For N.O.S. code (LFH01 = 'TEC'), enter the technical or chemical group name in parentheses. Place overflow in LFH03. Do not close parentheses until end of description is reached. [132-02] HAZMAT- Round Count Identifier (DG 190) Specific information required by law for hazardous material shipments. Enter value 'CT' to indicate segment contains HAZMAT Round Count Information. [133-02] HAZMAT- Shipment Information (DG 190) Specific information required by law for hazardous material shipments. Enter value 'WT' to indicate segment contains HAZMAT Metric Weight Information. [134-02] HAZMAT - Shipment Information (DG 190) Specific information required by law for hazardous material shipments. Enter value 'NX' to indicate segment contains HAZMAT English Weight Information. [135-02] HAZMAT - Shipment Information (DG 190) Enter value 'NW' to indicate segment contains HAZMAT Metric Net Weight Information. Code Name CT **DoD Definition:** [132-02] NW**DoD Definition:** [135-02] NX **DoD Definition:** [134-02] WT **DoD Definition:** [133-02] LFH03 809 0 AN 1/25 Used **DoD Definition:** [131-03] HAZMAT - Additional Information (DG 190) Use for description overflow from LFH02. Use LFH01, 02, and 03 as a set and repeat loop as necessary to convey all additional basic description information. LFH04 1023 Used DoD Definition: [131-04] HAZMAT - Hazard Zone Code (DG 190) Contains the code specifying the Department of Transportation assigned zone designating the Inhalation Toxicity Hazard Zone. ELEMENT CONDITION: Use applicable Hazard Zone Code when LFH01 = PIH. Code Name Α **DoD Definition:** [131-04] Hazard Zone A В **DoD Definition:** [131-04] Hazard Zone B С **DoD Definition:** [131-04] Hazard Zone C D **DoD Definition:** [131-04] Hazard Zone D LFH05 355 Χ ID 2/2 Must use **DoD Definition:** [132-05] HAZMAT- Round Count Qualifier (DG 190)

<u>Ref</u> <u>ld</u> **Element Name** Req Type Min/Max <u>Usage</u> [133-05] HAZMAT- Metric Measurement Code (DG 190) [134-05] HAZMAT - English Net Explosive Weight Code (DG 190) [135-05] HAZMAT - Metric Net Explosive Weight Code (DG 190) Code Name 2C **DoD Definition:** [133-05] Roentgen 2Q **DoD Definition:** [133-05] Kilobecquerel 2Y **DoD Definition:** [133-05] Milliroentgen 40 **DoD Definition:** [133-05] Milliliter per Second 4N **DoD Definition:** [133-05] Megabecquerel GΑ **DoD Definition:** [134-05] Gallon GM **DoD Definition:** [133-05] Grams per Sq. Meter GR **DoD Definition:** [133-05] Gram **DoD Definition:** H4 [133-05] Hectoliter HG **DoD Definition:** [133-05] Hectogram **DoD Definition:** KG [133-05] Kilogram [135-05] Kilogram KR **DoD Definition:** [133-05] Kiloroentgen LT **DoD Definition:** [133-05] Liter [135-05] Liter MC **DoD Definition:** [133-05] Microgram ME **DoD Definition:** [133-05] Milligram MG **DoD Definition:** [133-05] Metric Gross Ton ML**DoD Definition:** [133-05] Milliliter MP **DoD Definition:** [133-05] Metric Ton PN**DoD Definition:** [134-05] Pounds Net R2 **DoD Definition:**

Code Name

[133-05] Becquerel

PRO DoD Definition:

[132-05] Round

LFH06 380 X R 1/15 Must use

DoD Definition: [132-06] HAZMAT- Round Count (DG 190)

[133-06] HAZMAT- Metric Quantity (DG 190)

Use the unit of measure codes for quantity or volume of non bulk shipments. This will typically be grams, cubic meters, or a unit of measure other than pieces. If the weight of the hazardous material is measured in other than the above listed Weight Units of Measure, refer to X12 Standard, DE 355. Use LH101 to express type of packaging.

ELEMENT CONDITION: Required if LFH05 is used. At least one LH106/LH107 or LFH05/LFH06 are required to pass the HAZMAT unit of measure and quantity. If an English and Metric unit of measure are available, both are required.

[134-06] HAZMAT - English Net Explosive Weight (DG 190)

[135-06] HAZMAT - Metric Net Explosive Weight (DG 190)

DoD Segment Definition:

[131] LFH SEGMENT - HAZMAT Remarks (DG 190)

SEGMENT CONDITION: Required for HAZMAT shipments requiring specific labeling.

[132] LFH SEGMENT - Round Count (DG 190)

SEGMENT CONDITION: Required for TC-AIMS II moves only.

[133] LFH SEGMENT - HAZMAT Metric Weight (DG 190)

SEGMENT CONDITION: Required if LH107 is used. Use along with LH106 for HAZMAT explosive materials.

[134] LFH SEGMENT - Net Explosive Weight (English) (DG 190)

SEGMENT CONDITION: Required for TC-AIMS II moves only.

[135] LFH SEGMENT - Net Explosive Weight (Metric) (DG 190)

SEGMENT CONDITION: Required for TC-AIMS II moves only.

LHR

Pos: 210 Max: 10

Detail - Optional

Loop: LH1 Elements: 2

User Option (Usage): Used

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
LHR01	128		M	ID	2/3	Used

DoD Definition: [136-01] HAZMAT - DOT Explosive Approval Number Qualifier (DG 190)

[137-01] Competent Authority Approval Number Qualifier (DG 190)

[138-01] DOT Exemption (DOT-E) Number Qualifier (DG 190)

[139-01] HAZMAT - Int'l Maritime Dangerous Goods Code (IMDG) Qualifier (DG 190)

[140-01] DoDIC Qualifier (DG 190)

Use '11' for shipments by other than ocean. Use '6P' only for ocean shipments.

[141-01] HAZMAT - NSN Qualifier (DG 190)

Code Name

1 DoD Definition:

[140-01] Department of Defense Identification Code (DoDIC)

6P **DoD Definition**:

[140-01] Group Number

HA **DoD Definition**:

[137-01] Competent Authority

HD **DoD Definition**:

[136-01] Department of Transportation Hazardous Number

HE **DoD Definition**:

[138-01] Hazardous Exemption Number

IM **DoD Definition**:

[139-01] Intergovernmental Maritime Organization (IMO) Number

NS **DoD Definition:**

[141-01] National Stock Number

LHR02 127 M AN 1/30 Used

DoD Definition: [136-02] HAZMAT - DOT Explosive Approval Number (EX-number) (DG 190)

Product codes and national stock numbers must be traceable to the specific EX-number (also referred to as hazard classification approval number) assigned by the Associate Administrator for Hazardous Materials Safety.

SOURCE: 49 CFR 172.320 and 173.56(b)

[137-02] Competent Authority Approval Number (DG 190)

Issued by Department of Transportation, approval number is CA-YYNNNNA, where Y = year, N = approval number within that year, and A is an optional alphanumeric designator. Only applicable when DoD requires an exception to the international performance oriented packaging rules.

[138-02] DOT Exemption (DOT-E) Number (DG 190)

Identifies the DOT Exemption to any of the 49 CFR Regulations for hazardous materials. Normally used only for domestic shipments. Can be used for international shipments but is not guaranteed to be accepted by international customs.

Ref Id Element Name Req Type Min/Max Usage

SOURCE: 49 CFR 172.2(a)

[139-02] HAZMAT - Int'l Maritime Dangerous Goods Code (IMDG) (DG 190)

[140-02] DoDIC (DG 190)

[141-02] HAZMAT - NSN (DG 190)

DoD Segment Definition:

[136] LHR SEGMENT - DOT Explosive Approval Number (EX-number) (DG 190)

SEGMENT CONDITION: Required for shipment of explosive materials.

[137] LHR SEGMENT - Competent Authority Approval Number (DG 190)

SEGMENT CONDITION: Use if competent authority approval is required.

[138] LHR SEGMENT - DOT Exemption Number (DG 190)

SEGMENT CONDITION: Required when DOT exemption applies.

[139] LHR SEGMENT - Int'l Maritime Dangerous Goods Code (DG 190)

SEGMENT CONDITION: Use this segment if the hazardous shipment requires international regulation.

[140] LHR SEGMENT - DoDIC (DG 190)

SEGMENT CONDITION: Required for TC-AIMS II moves only.

[141] LHR SEGMENT - National Stock Number (NSN) (DG 190)

SEGMENT CONDITION: Required for TC-AIMS II moves only.

Loop

Pos: 230 Repeat: >1

Optional

Loop: FA1 Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
230	FA1		0	1		Used
240	FA2		M	>1		Used
250	L10		0	1		Used

FA₁

Pos: 230 Max: 1 Detail - Optional Loop: FA1 Elements: 1

User Option (Usage): Used

Element Summary:

<u>Ref</u> FA101	<u>ld</u> 559	Elem	ent Name	Req M	Type ID	Min/Max 2/2	<u>Usage</u> Used
		DoD	Definition: [142-01] Agency Qualifier	Code (L	OG 190)		
		Code	identifying the agency assigning the d	code val	ues.		
		Code	Name				
		DF	DoD Definition:				
			[142-01] Department of Defense (L	DoD)			
		DN	DoD Definition:				
			[142-01] Department of the Navy				
		DX	DoD Definition:				
			[142-01] United States Marine Corp	os			
		DY	DoD Definition:				
			[142-01] Department of Air Force				
		DZ	DoD Definition:				
			[142-01] Department of Army				
		HS	DoD Definition:				
			[142-01] Department of Health and	l Human	Services	8	

DoD Segment Definition:

[142] FA1 SEGMENT - TCN Appropriation Number Loop (DG 190)

(DHS/USCG)

If there is only one Transportation Accounting Code or Line of Accounting at the header level, then it applies to all shipments in that container. If there is TAC/LOA at the header level, and some of the line items in the container have their own TACs/LOAs and some do not, use the TACs/LOAs at the line item level for those specific shipments and default to the header TAC/LOA for all others. If there is an invalid TAC/LOA on a single line item we will use the header TAC/LOA.

Use 'HS' to denote Department of Homeland Security/US Coast Guard

If there is only one Transportation Accounting Code or Line of Accounting at the header level, then it applies to all shipments in that container. If there is TAC/LOA at the header level, and some of the line items in the container have their own TACs/LOAs and some do not, use the TACs/LOAs at the line item level for those specific shipments and default to the header TAC/LOA for all others. If there is an invalid TAC/LOA on a single line item we will use the header TAC/LOA.

LOOP CONDITION: Use for appropriation assignment. Carriers do not need to receive appropriation data. This segment begins the appropriation number loop. It calls for both FA1 and FA2 segments. Shipper systems that are capable of receiving, storing, and sending structured DoD appropriation numbers may use this loop to exchange those numbers with trading partners.

FA2

Pos: 240 Max: >1 Detail - Mandatory Loop: FA1 Elements: 2

User Option (Usage): Used

Element Summary:

Ref	<u>ld</u>	Elem	ent Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>	
FA201	1196			М	ID	2/2	Used	
		DoD	Definition: [143-01] Breakdown Structure Detail Code (DG 190)					
		Code	Name					
		84	DoD Definition:					
			[143-01] Total Direct Costs					
		89	DoD Definition:					
			[143-01] Budget Line Item					
		90	DoD Definition:					
			[143-01] Project Identifier					
		A1	DoD Definition:					
			[143-01] Department Indicator Use 'A1' to denote Department Reg	gular				
		A2	DoD Definition:					
			[143-01] Transfer from Department Use 'A2' to denote Department Tra					
		A3	DoD Definition:					
			[143-01] Fiscal Year Indicator					
			DoD Definition:					
			[143-01] Basic Symbol Number Use 'A4' to denote Main Account					
		A5	DoD Definition:					
			[143-01] Sub-class					
		A6	DoD Definition:					
			[143-01] Sub-Account Symbol Use 'A6' to denote Sub Account					
		Al	DoD Definition:					
			[143-01] Activity Identifier					
		AT	DoD Definition:					
			[143-01] Air Force Transportation A	Account	Code (A	TAC)		
		B1	DoD Definition:					
			[143-01] Budget Activity Number					
		B2	DoD Definition:					
			[143-01] Budget Sub-activity Numb Use 'B2' to denote Sub-Allocation	er				
		В3	DoD Definition:					
			[143-01] Budget Program Activity					
		BE	DoD Definition:					
			[143-01] Business Event Type Cod	le				

Code Name C1 **DoD Definition:** [143-01] Program Element C2 **DoD Definition:** [143-01] Project Task or Budget Subline C3 **DoD Definition:** [143-01] Budget Restriction Use 'C3' to denote Availability Type CC **DoD Definition:** [143-01] Cost Center Identifier D1 **DoD Definition:** [143-01] Defense Agency Allocation Recipient D4 **DoD Definition:** [143-01] Component Sub-allocation Recipient D6 **DoD Definition:** [143-01] Sub-allotment Recipient D7 **DoD Definition:** [143-01] Work Center Recipient E1 **DoD Definition:** [143-01] Major Reimbursement Source Code E2 **DoD Definition:** [143-01] Detail Reimbursement Source Code **DoD Definition:** E3 [143-01] Customer Indicator F1 **DoD Definition:** [143-01] Object Class F3 **DoD Definition:** [143-01] Government or Public Sector Identifier FΑ **DoD Definition:** [143-01] Functional Area FC **DoD Definition:** [143-01] Funding Center Identifier FT **DoD Definition:** [143-01] Funding Type G2 **DoD Definition:** [143-01] Special Interest Code or Special Program Cost Code H1 **DoD Definition:** [143-01] Cost Code Use 'H1' to denote Cost Element Code **DoD Definition:** 11 [143-01] Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC) Use 'I1' to denote Abbreviated Department of Defense (DoD) Budget and Accounting Classification IΑ **DoD Definition:** [143-01] Security Cooperation Implementing Agency Code **DoD Definition:** J1

Code Name

[143-01] Document or Record Reference Number

K6 **DoD Definition:**

[143-01] Accounting Classification Reference Code

L1 **DoD Definition:**

[143-01] Accounting Installation Number Use 'L1' to denote Agency Accounting Identifier

M1 **DoD Definition**:

[143-01] Local Installation Data

MD **DoD Definition**:

[143-01] Movement Designator Code (MDC)

N1 **DoD Definition**:

[143-01] Transaction Type

P1 **DoD Definition**:

[143-01] Disbursing Station Number Use 'P1' to denote Agency Disbursing Identifier Code

P5 **DoD Definition:**

[143-01] Foreign Military Sales (FMS) Line Item Number

S1 **DoD Definition:**

[143-01] Security Cooperation

S2 **DoD Definition:**

[143-01] Security Cooperation

TA **DoD Definition**:

[143-01] Transportation Account Code (TAC)

WO **DoD Definition**:

[143-01] Work Order Number

YB **DoD Definition:**

[143-01] Beginning Period of Availability Fiscal Year Date

YE **DoD Definition:**

[143-01] Ending Period of Availability Fiscal Year Date

ZZ DoD Definition:

[143-01] Mutually Defined

FA202 1195 M AN 1/80 Used

DoD Definition: [143-02] Financial Information Code (DG 190)

When FA201 contains code value '84', FA202 should be formatted as a dollar amount including a decimal character and two positions after the decimal, representing cents even if the value is a whole dollar amount.

DoD Segment Definition:

[143] FA2 SEGMENT - TCN Appropriation Elements (DG 190)

SEGMENT CONDITION: This segment is MANDATORY if and only if the FA1 SEGMENT - TCN Appropriation Number Loop segment is used. Otherwise, this segment may not be used.

L10

Pos: 250 Max: 1
Detail - Optional
Loop: FA1 Elements: 3

User Option (Usage): Used

Element Summary:

<u>Ref</u> L1001	<u>Id</u> 81	Elem	ent Name	<u>Req</u> M	<u>Type</u> R	Min/Max 1/10	<u>Usage</u> Used
		DoD	Definition: [144-01] Weight (DG 190)				
			may contain a decimal; if not, decimal		med at ri	ght-most point	of the field.
L1002	187			М	ID	1/2	Used
		Code	Definition: [144-02] Weight Qualifier ((DG 19())		
			· · · · · ·	100	7		
		N	DoD Definition: [144-02] Actual Net Weight				
			[144-02] Actual Net Weight				
L1003	188			0	ID	1/1	Must use
		DoD	Definition: [144-03] Weight Unit Code	e (DG 19	90)		
		Code	Name				
		E	DoD Definition:				
			[144-03] Metric Ton				
		G	DoD Definition:				
			[144-03] Grams				
		K	DoD Definition:				
			[144-03] Kilograms				
		L	DoD Definition:				
			[144-03] Pounds				
		М	DoD Definition:				
			[144-03] Measurement Ton				
		0	DoD Definition:				
		C	[144-03] Ounces DoD Definition:				
		S	[144-03] Short Ton				
		Т	DoD Definition:				
		'	[144-03] Long Ton				
	_		- [TT 50] Long Ton				

DoD Segment Definition:

[144] L10 SEGMENT - TCN Weight (DG 190) SEGMENT CONDITION: Use when appropriation weight applies.

Loop

Pos: 260 Repeat: 4

Optional

Loop: NM1 Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
260	NM1		0	1		Used

NM₁

Pos: 260 Max: 1 Detail - Optional Loop: NM1 Elements: 4

User Option (Usage): Used

Syntax Rules:

1. C1110 - If NM111 is present, then NM110 is required.

2. P0809 - If either NM108 or NM109 is present, then the other is required.

Element Summary:

Ref Id NM101 98		Eleme	ent Name	Req M	Type ID	Min/Max 2/3	<u>Usage</u> Used
		DoD [Definition: [145-01] Personal Property	(DG 190)			
		Code	<u>Name</u>				
		OW	DoD Definition:				
			[145-01] Owner of Property or Unit				
NM102	1065			М	ID	1/1	Used
		DoD I	Definition: [145-02] Personal Property	Owner	Qualifier	(DG 190)	
		<u>Code</u>	<u>Name</u>				
		1	DoD Definition:				
			[145-02] Person				
NM103	1035			0	AN	1/35	Must use
		DoD [Definition : [145-03] Personal Property	Owner ('s Last Na	ame (DG 190)	
NM104	1036			0	AN	1/25	Must use
		DoD [Definition: [145-04] Personal Property	Owner	's First Na	ame/Initial (DG 1	190)

DoD Segment Definition:

[145] NM1 SEGMENT - Personal Property Owner (DG 190) LOOP CONDITION: Used only for OCEAN CARGO SHIPPING INSTRUCTIONS.

Loop

Pos: 290 Repeat: 4

Optional

Loop: N1 Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
290	N1		0	1		Used
300	N2		0	2		Used
310	N3		0	2		Used
320	N4		0	1		Used

N1

Pos: 290 Max: 1 Detail - Optional Loop: N1 Elements: 4

User Option (Usage): Used

Syntax Rules:

1. P0304 - If either N103 or N104 is present, then the other is required.

2. R0203 - At least one of N102 or N103 is required.

Element Summary:

Pof		•	Pog	Type	Min/Mov	Hoose		
<u>Ref</u> N101	<u>ld</u>	Element Name	<u>Req</u> M	<u>Type</u> ID	Min/Max	<u>Usage</u>		
NIUI	98		IVI	טו	2/3	Used		
		DoD Definition: [146-01] Name Qualifier (MA) (DO	G 73)				
		This qualifier identifies name and address in	informati	ion of the	'Mark For' ultin	mate consignee.		
		Code Name						
		MA DoD Definition:						
		[146-01] Party for whom Item is Uli	timately	Intended				
		[1 to on the arty for information to on		monaca				
N102	93		X	AN	1/60	Used		
		DoD Definition: [146-02] Name (MA) (DG	73)					
N103	66		Х	ID	1/2	Must use		
14100	00					Widot doc		
		DoD Definition: [146-03] DoDAAC/CAGE/		: Qualifie	· (MA) (DG 73)			
		Do not use CAGE code for ocean shipments.						
		Code Name						
		10 DoD Definition :						
		[146-03] Department of Defense A	ctivity A	ddress C	ode (DODAAC)		
		33 DoD Definition :						
		[146-03] Commercial and Governm	nent Ent	ity (CAGI	Ξ)			
		A2 DoD Definition :			,			
		[146-03] Military Assistance Progra	am Addr	ess Code	(MAPAC)			
		. , ,						
N104	67		Х	AN	2/80	Must use		
		DoD Definition: [146-04] DoDAAC/CAGE/	MAPAC	(MA) (D	G 73)			
		If DoDAAC/CAGE/MAPAC is unavailable, it	then N10	04 = 'XXX'	(XXX' and the	complete clear		
		text name and address of the destination is	require	d.				

DoD Segment Definition:

[146] N1 SEGMENT - Mark For Addressee Information (MA) (DG 73)

LOOP CONDITION: Use this address loop when en-route consolidation activity or any other organization or system that handles the bill of lading data needs to know the ultimate destination of the shipment. This is needed particularly for OCONUS shipments where the bill of lading moves the freight to a port to change modes to air freight or ocean container.

N2

Pos: 300 Max: 2 Detail - Optional Loop: N1 Elements: 1

User Option (Usage): Used

Element Summary:

 Ref
 Id
 Element Name
 Req
 Type
 Min/Max
 Usage

 N201
 93
 M
 AN
 1/60
 Used

DoD Definition: [147-01] Additional Name (MA) (DG 73)

DoD Segment Definition:

[147] N2 SEGMENT - Mark For Addressee Information (MA) (DG 73) SEGMENT CONDITION: Use when mark for addressee applies.

N3

Pos: 310 Max: 2 Detail - Optional Loop: N1 Elements: 2

User Option (Usage): Used

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
N301	166		М	AN	1/55	Used
		DoD Definition: [148-01] Street (MA) (DG	73)			
N302	166		0	AN	1/55	Used
		DoD Definition: [148-02] Additional Addre	ssina Ini	formation	(DG 73)	

DoD Segment Definition:

[148] N3 SEGMENT - Mark For Addressee Information (MA) (DG 73)

N4

Pos: 320 Max: 1
Detail - Optional
Loop: N1 Elements: 4

User Option (Usage): Used

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Element Summary:

<u>Ref</u> N401	<u>ld</u> 19	Element Name	<u>Req</u> O	<u>Type</u> AN	Min/Max 2/30	<u>Usage</u> Used	
14-01	13	DoD Definition: [149-01] City (MA) (DG 73		AIN	2/30	Oseu	
N402	156		0	ID	2/2	Used	
		DoD Definition: [149-02] State or Province	Code (MA) (DG	73)		
		SOURCE: National Zip Code and Post Office National Information Data Center	ce Direc	tory avail	able from U.S. I	Postal Service	
N403	116		0	ID	3/15	Used	
		DoD Definition: [149-03] ZIP Code/Postal	Code (N	ЛА) (DG 1	73)		
		SOURCE: National ZIP Code and Post Offi Postal Service; The USPS Domestic Mail I Superintendent of Documents					
N404	26		0	ID	2/3	Used	
		DoD Definition: [149-04] Country Code (M	A) (DG	73)			
		ELEMENT CONDITION: If mark for address	see is O	CONUS,	country code is	required.	
		SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of					
		Currencies and Funds, ISO 4217, is available					

DoD Segment Definition:

[149] N4 SEGMENT - Mark For Addressee Information (MA) (DG 73) SEGMENT CONDITION: Use when mark for addressee applies.

L3

Pos: 010 Max: 1 Summary - Optional Loop: N/A Elements: 4

User Option (Usage): Must use

Syntax Rules:

- 1. C1201 If L312 is present, then L301 is required.
- 2. P0102 If either L301 or L302 is present, then the other is required.
- 3. P0304 If either L303 or L304 is present, then the other is required.
- 4. P0910 If either L309 or L310 is present, then the other is required.
- 5. P1415 If either L314 or L315 is present, then the other is required.

Element Summary:

<u>Ref</u> L305	<u>ld</u> 58	Elem	ent Name	Req O	Type N2	Min/Max 1/12	<u>Usage</u> Must use			
		DoD	Definition: [196-05] Total Charge for	Shipme	nt (DG 9	90)				
		Estim	ated or calculated charge for entire s	hipment.						
L309	183			Х	R	1/8	Used			
		DoD	DoD Definition: [196-09] Total Cube of Shipment (DG 990)							
L310	184			Χ	ID	1/1	Used			
		DoD	Definition: [196-10] Total Cube of Sh	nipment	Qualifier	(DG 990)				
		ELEN	MENT CONDITION: This qualifier mus	st appea	r if total c	ube of shipme	nt (L309) is used.			
		Code	<u>Name</u>							
		E	DoD Definition:							
			[196-10] Cubic Feet							
			DoD Definition:							
			[196-10] 100 Board Feet							
		G	DoD Definition:							
			[196-10] Gallons							
		Н	DoD Definition:							
			[196-10] Hundreds of Measuremen	nt Tons						
		S	DoD Definition:							
			[196-10] Measurement Ton							
		V	DoD Definition:							
			[196-10] Liter							
		X	DoD Definition:							
			[196-10] Cubic Meters							
L311	80			0	N0	1/7	Used			
		DoD	Definition: [196-11] Number of Carlo	ads/Tru	ckloads L	Jsed (DG 990)				
			otal number of pieces of equipment u	sed for t	he shipm	ent. This quan	tity may be used			

DoD Segment Definition:

[196] L3 SEGMENT - Bill of Lading Totals (DG 990)

to rate the cost of a shipment.

DEPARTMENT OF DEFENSE TRANSPORTATION EDI CONVENTION

		DoD INFORMATION					X12 S	EGN	MENT	ΓINI	FORM	ATIC	N			LEMEN RMATIO	
Index	DG	Data Name Notes and Codes			ecommended ttributes	7	Tabl I	Pos	Req Des			Lp Lv) L;	Ref Des	DE #	Attr	ibutes
1	10	ST SEGMENT - Bill of Lading Header	М			1	1	010	М	1							
1-01	10	Transaction Set Identifier Code 858 - Shipment Information	М	ID	3/3	1	1	010	M	1				ST01	143	M ID	3/3
1-02	10	Transaction Set Control Number The application and structure of the control number must be agreed upon between trading partners. (For example, some applications use all nine digits where the first five might indicate a group control number and the last four represent the sequence of the transaction set within the functional group. Also, the entire nine digit field may simply represent the sequence of the transaction set generated by a trading partner.)	M g	AN	4/9	1	1	010	M	1				ST02	329	MAN	4/9
2	10	BX SEGMENT - Bill of Lading Number	М			1	1	030	М	1							
2-01	10	Transaction Set Purpose Code [T_0 53/53] 00 - Original 01 - Cancellation	M	ID	2/2	1	1	030	М	1				BX01	353	M ID	2/2
		04 - Change															
		14 - Advance Notification															
		20 - Final Transmission															
2-02	10	Transportation Method Code (Mode Code) [T_0 27/27] See Section 6 for list of data values.	М	ID	1/2	1	1	030	M	1				BX02	91	M ID	1/2
2-03	10	Method of Payment Use only 'TP' for ocean shipments only. CC - Collect	M	ID	2/2	1	1	030	M	1				BX03	146	M ID	2/2
		CD - Collect on Delivery															

		SKIAHON EDI GONVENHON										00-1010
		PP - Prepaid (by Seller)										
		TP - Third Party Pay										
2-04	10	Bill of Lading/Shipment ID Number Carry either original or most recent bill of lading number or shipment identification number here. For ocean shipments, use TCN as shipment identifier. Do not use any punctuation or special characters. [T_2 30/46]	М	AN	8/30	1	030 M	1	BX04	145	OAN	1/30

		DoD INFORMATION						_	EGME				_		EMENT MATION
Index	DG	Data Name Notes and Codes			commended tributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE #	Attributes
2-05		10 Transportation Company Tendered To (SCAC) Use SCAC of origin carrier. SCAC should be validated against the National Motor Freight Traffic Association (NMFTA) SCAC reference file. For ocean shipments, enter 'NONE' if carrier is unknown. This entry represents the booked carrier for ocean shipments, not the carrier that actually transports the shipment. For Defense Transportation Coordination Initiative (DTCI) or Defense Freight Transportation Services (DFTS) shipments, enter the DTCI or DFTS coordinator's SCAC. SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.	M	ID	2/4	1	030	М	1				BXC	05 140 (O ID 2/4
2-07	1	0 Bill Purpose/Application Type Code A - Sub for Assembly	M	ID	1/1	1	030	M	1				BX0	7 147 (O ID 1/1
		Use 'A' to denote OCEAN CARGO SHIPPING INSTRUCTIONS Break-Bulk.													
		B - Bill of Lading for Individual Shipment													
		C - Consolidated Shipment													
		<i>Use 'C' to denote OCEAN CARGO SHIPPING INSTRUCTIONS Consolidation Header (Stand-Alone).</i>													
		E - Empty Equipment Billing (Non-Revenue)													

									• • • • •
							<u></u>		
	<i>Use 'E' to denote</i>								
	OCEAN CARGO SHIPPING INSTRUCTIONS Container (Skeleton SI).								
	F - Stop-off Shipment								
	Total on onlymon								
	<i>Use</i>								
	'F' to denote Negotiated Rates for Foreign Military Sales Bills of Lading.								
	G - Switch								
	Waybill								
	<i>Use 'G' to denote Negotiated Rates for Tailored Transportation Contract Traffic Bill</i>								
	of								
	Lading.								
	M - Master Bill of Lading for Assembly, Distribution and Volume Shipment								
	<i>Use 'M' to</i>								
	denote Commercial Rates for Foreign Military Sales Bills of Lading.								
	Z - Commercial Zone								
	Pick-up								
	<i>Use 'Z' to denote OCEAN CARGO SHIPPING INSTRUCTIONS Container</i>								
2-09	10 Vehicle Fully Loaded (Capacity Load Status)	С	ID	1/1	1	030 M	1	BX09 195 O ID	1/1
	ELEMENT CONDITION: Include if shipment is tendered as truckload.								
	F - Full Capacity								

		DoD INFORMATION					X12 \$	SEGM	ENT IN	IFORM	ATION	I	X12 EL	EMENT	INFC	RMAT	ION
Index	DG	Data Name Notes and Codes	С	DoD Recoi	mmended outes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attril	outes
2-10	10	Defense Transportation Tracking System Reporting Qualifier Use of this element results in immediate Military Surface Deployment and Dist Command (SDDC) processing for DTTS shipments. ELEMENT CONDITION: Include if the Defense Transportation Tracking Syste required. R - Automatic Status Report Requested			1/1	1	030	M	1				BX10	160	0	ID	1/1
2-14	10	Application Type Use the following migration code value to denote the DoD definition as indicate ELEMENT CONDITION: Use when broker. BF - [Migration Code] Broker Files	C ed:	ID	2/2	1	030	M	1				BX14	346	0	ID	2/2
3	10	BNX SEGMENT - Shipment Weight and Billing SEGMENT CONDITION: Use when weight and billing data are required.	С			1	040	0	1								
3-01	10	Shipment Weight Code [T_0 15/15] A - Shipper's Weight Agreement	М	ID	1/1	1	040	0	1				BNX01	460	0	ID	1/1
3-03	10	Billing Code S - Single Shipment Billing	М	ID	1/1	1	040	0	1				BNX03	11	0	ID	1/1
4	10	N9 SEGMENT - Transaction Content ID SEGMENT CONDITION: Required for all shipments except by ocean.	С			1				? or N903 nen N903							
4-01	10	Transaction Content ID Qualifier FI - File Identifier	М	ID	2/2	1	060	0	30				N901	128	М	ID	2/3

		DoD INFORMATION					X12	SEG	MENT	INFO	RMAT	ΓΙΟΝ			X12 E			
Index	DG	Data Name Notes and Codes			commended tributes	l Ta	abl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attril	butes
4-02	10	Transaction Content ID This data element identifies the application contents of the 858. The following DoD-unique codes should be used by all trading partners to identify the data content in the transaction set: CI - Cost Information	М	AN	2/2	1		060	0	30				N902	127	С	AN	1/30
		CR - Cost Request																
		DC - Doubtful Claim SC - Shipment and Cost Information																
		SI - Shipment Information																
		SM - Supplemental Claim																
		SP - Supplemental Bill																
5	10	N9 SEGMENT - Route Order/Release No/Emergency Routings	С			1		060	0	30								
		SEGMENT CONDITION: Include this segment when moving a Tailored Transportation Contra (TTC) Traffic or SDDC routed shipment.	ıct								2 or N9							
5-01	10	Route Order/Release No/Emergency Routings Qualifier RG - Route Order Number-Domestic	М	ID	2/2	1		060	0	30				N901	128	M	ID	2/3
		RH - Route Order Number-Export																
		RJ - Route Order Number-Emergency																
5-02	10	Route Order/Release No/Emergency Routings	М	AN	10/10	1		060	0	30				N902	127	С	AN	1/30

6	10	N9 SEGMENT - Carrier Way/Freight Bill Number	С			1	060 O	30				
		SEGMENT CONDITION: Include this segment if the freight bill number is available.						e of N902 or N903 is requoresent, then N905 is requ				
6-01	10	Carrier Way/Freight Bill Number Qualifier CN - Carrier's Reference Number (PRO/Invoice)	M	ID	2/2	1	060 O	30	N901	128	M ID	2/3
6-02	10	Carrier Way/Freight Bill Number	М	AN	1/30	1	060 O	30	N902	127	C Af	l 1/30
6-04	10	Carrier Way/Freight Bill Date	С	DT	8/8	1	060 O	30	N904	373	O D.	8/8
7	10	N9 SEGMENT - Authority Number (Contract/PO) SEGMENT CONDITION: Use this segment if an authority number applies to the shipment.	С			1		30 e of N902 or N903 is requ present, then N905 is requ				

		DoD INFORMATION				X12	SEG	MEN	TINFO	ORMA	TION		X12 EL	EMEN	T INFO	RMATION
Index	DG	Data Name Notes and Codes			ecommended ttributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#	Att	ributes
7-01	10	Authority Number (Contract/PO) Qualifier CT - Contract Number	М	ID	2/2	1	060	0	30		I		N901	128	M ID	2/3
		PO - Purchase Order Number														
7-02	10	Authority Number (Contract/PO) Movements under contracts need to reflect the subcontract number for ocean shipments	M ents.	AN	1/30	1	060	0	30				N902	127	C AN	1/30
7-04	10	Authority Number (Contract/PO) Date	С	DT	8/8	1	060	0	30				N904	373	O DT	8/8
8	10	N9 SEGMENT - Service Agency Code SEGMENT CONDITION: Use for Tailored Transportation Contract (TTC) Traffic only; for DLA. GFM will not cost DLA TTC shipments.	C not use	d		1		ıst one)2 or N then N						
8-01	10	Service Agency Code Qualifier SV - Service Charge Number	M	ID	2/2	1	060	0	30				N901	128	M ID	2/3
8-02	10	Service Agency Code A - Army	М	AN	1/1	1	060	0	30				N902	127	C AN	1/30
		B - Defense Mapping Agency														
		F - Air Force														
		M - Marine Corps														
		N - Navy														
		P - Coast Guard														
		S - Defense Logistics Agency														
		U - GSA														

		W - Army and AF Exchange										
		X - Multi-Service										
		Y - Non DoD - except Coast Guard										
9	10	N9 SEGMENT - Container TCN	С			1	060 O	30				
		SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS	S. Not us	ed otherwise				e of N902 or N903 is requi present, then N905 is requi				
9-01	10	TCN for Each Container Qualifier TG - Transportation Control Number (TCN)	M	ID	2/2	1	060 O	30	N901	128	M ID	2/3
9-02	10	TCN for Each Container	М	AN	17/17	1	060 O	30	N902	127	C AN	1/30

		DoD INFORMATION					X12 S	EGMI	ENT IN	IFORM	ATIO	٧	X12 EL	EMEN	T INF	ORMA	ATION
Index	DG	Data Name Notes and Codes	Do		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	butes
10	10	N9 SEGMENT - Container Transportation Tracking Number (TTN) SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS was cargo and Transportation Tracking Number is applicable.	C hen r	moving ur	nit move	1				2 or N90 hen N90							
10-01	10	Container Transportation Tracking Number (TTN) Qualifier M 18 - Plan Number <i>Vise '18' to denote Container Transportation Tracking Number (TTN) Qualifier.</i>	ID	2/2		1	060	0	30				N901	128	M	ID	2/3
10-02	10	Container Transportation Tracking Number (TTN)	М	AN	17/17	1	060	0	30				N902	127	С	AN	1/30
11	10	N9 SEGMENT - Carrier Booking Number SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS - used otherwise.	C Direc	t Booking	. Not	1				2 or N90 hen N90							
11-01	10	Carrier Booking Number Qualifier BN - Booking Number	M	ID	2/2	1	060	0	30				N901	128	М	ID	2/3
11-02	10	Carrier Booking Number	М	AN	17/17	1	060	0	30				N902	127	С	AN	1/30
12	10	N9 SEGMENT - Trade Route Number SEGMENT CONDITION: Required for ocean shipments. Identifies the trade route a shi was booked/moved on.	C pmer	nt		1				2 or N90 hen N90							
12-01	10	Trade Route Number Qualifier RU - Route Number	М	ID	2/2	1	060	0	30				N901	128	М	ID	2/3

12-02	10	Trade Route Number	М	AN	1/4	1	060	0	30	N902	127	С	AN	1/30
13	10	N9 SEGMENT - Vessel Name SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS used otherwise.	C - Direc	t Bookin	g. Not	1			30 of N902 or N903 is required. esent, then N905 is required.					
13-01	10	Vessel Name Qualifier ABS - Vessel Name	М	ID	3/3	1	060	0	30	N901	128	М	ID	2/3
13-02	10	Vessel Name Shippers should take great care in spelling vessel name correctly.	М	AN	1/30	1	060	0	30	N902	127	С	AN	1/30

_		DoD INFORMATION		_			X12 S	EGME	NT IN	FOR	OITAN	N	X12 El	EMEN	IT IN	FORM	MATION
Index	DG	Data Name Notes and Codes	Do		nmended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attril	outes
14	10	N9 SEGMENT - Carrier Voyage Number	С			1	060	0	30				1	ı			
		SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS.									103 is re 1905 is re	•					
14-01	10	Carrier Voyage Number Qualifier V3 - Voyage Number	M	ID	2/2	1	060	0	30				N901	128	M	ID	2/3
14-02	10	Carrier Voyage Number	М	AN	1/10	1	060	0	30				N902	127	С	AN	1/30
15	10	N9 SEGMENT - 3rd Party Logistics Coordinator Internal C Order Number				1	060	0	30								
		SEGMENT CONDITION: Use for shipments with an internal order number assigned by a 3rd Party Logistics (DTCI or DFTS) coordinator's transportation management system and provided in the EDI Transportation Service Response transaction to the shipper.	i								103 is re 1905 is re	•					
15-01	10	3rd Party Logistics (DTCI or DFTS) Internal Order Number Qualifier CB - Combined Shipment	М	ID	2/2	1	060	0	30				N901	128	М	ID	2/3
		<i>Use 'CB' to denote DTCI Coordinator Internal Order Number.</i>															
		RE - Release Number															
		<i>Use 'RE' to denote Defense Freight Transportation Services (DFTS) Internal Order Number.</i>															
15-02	10	3rd Party Logistics (DTCI or DFTS) Internal Order Number Enter the internal order number assigned by the 3rd Party Logistics (DTCI or DFTS) coordinator's transportation management system and provided in the EDI Transportation Service Response transaction to the shipper.	M	AN	1/30	1	060	0	30				N902	127	С	AN	1/30
16	10	Y7 SEGMENT - Transportation Priority Code	С			1	080	0	1								

TR/	ANSP	ORTATION EDI CONVENTION											858.F	R.004010
		SEGMENT CONDITION: Use this segment if Military Standard Requisitioning and Issue Procedures (MILSTRIP) apply.						If eit	ther Y702 or Y703 is pre	sent, then the	other is	requir	ed.	
16-01	10	Transportation Priority Code 1 - Level 1	М	N0	1/1	1	080	0	1	Y701	467	0	N0	1/1
		2 - Level 2												
		3 - Level 3												
17	10	C3 SEGMENT - Currency Code	С			1	090	0	1					
		SEGMENT CONDITION: This segment indicates the currency used for the bill of lading. The	е				Cuma		implied by the ends for t	ha aassatusiins			tha a w	
		segment is not required and will not be used when currency is in U.S. Dollars.					amou	•	implied by the code for t	ne country in v	vnose cl	urrenc	cy ine r	nonetary

		DoD INFORMATION					X12 S	SEGME	NT IN	FORM	ATIC	ON	X12 EL	EMEN ⁻	T INF	FORM	IATION
Index	DG	Data Name Notes and Codes	Dol	O Recom	mended outes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attri	butes
17-01	10	Currency Code SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.	M	ID	3/3	1	090 C30 ²		1 billing c	urrency.			C301	100	M	ID	3/3
18	10	G62 SEGMENT - Bill of Lading/Shipping Instruction Prepared Date	M			1	If eith G620 If eith	ast one ner G62 02 is pre ner G62	esent, th	nen the	other	is requi	red.				
18-01	10 [Date Bill of Lading/Shipping Instruction Prepared Date Qualifier 76 - Bill of Lading	М	ID	2/2	1	110	0	10				G6201	432	С	ID	2/2
18-02	10 [Date Bill of Lading/Shipping Instruction Prepared Date The date on which the bill of lading was printed at the origin installation.	М	DT	8/8	1	110	0	10				G6202	373	С	DT	8/8
19	10	G62 SEGMENT - Desired/Required Delivery	M			1	If eith G620 If eith	ast one ner G62 02 is pre ner G62	esent, th	nen the	other	is requi	red.				

											_		
19-01 10	Desired/Required Delivery Date Qualifier This qualifier must appear if desired/required delivery date is used. Under applicable ocean contracts, the Contract Delivery Date will take precedence over the Required Delivery Date. Code '67' used only for 3rd Party Logistics (Defense Transportation Coordination Initiative (DTCI) or Defense Freight Transportation Services (DFTS)) shipments. 54 - Deliver No Later Than Date <i>Vi>Use '54' to denote Required Delivery Date.</i> 67 - Delivered By This Date <i>Vi>Use '67' to denote Mandatory Delivery Date.</i> 68 - Requested Delivery Date	M	ID	2/2	1	110	0	10	G6201	432	C	ID	2/2
19-02 10	<i>Use '68' to denote Desired Delivery Date.</i> Desired/Required Delivery Date	М	DT	8/8	1	110	0	10	G6202	373	С	DT	8/8
20 10	G62 SEGMENT - Carrier's Pickup SEGMENT CONDITION: Not required for ocean shipments. Required for all other shipment information transactions except advanced shipment notification.	С			1	If eith G620 If eith	ast one her G6 02 is pr her G6	esent, then the other is requ	uired.				

		DoD INFORMATION					X1:	2 SEGN	MENT IN	FORMA	TION		X12	ELEMEN	T INF	ORMAT	ION
Index		Data Name Notes and Codes		DoD Recor		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attrib	ıtes
20-01	10	Carrier's Pickup Date Qualifier SDDC will accept only code value '86' from shippers. 86 - Actual Pickup Date	М	ID	2/2	1	110	0	10				G6201	432	С	ID	2/2
20-02	10	Carrier's Pickup Date	M	DT	8/8	1	110	0	10				G6202	373	С	DT	8/8

110	1101	ORTATION EDI CONVENTION											000.	R.004010
20-03	10	Carrier's Pickup Time Qualifier ELEMENT CONDITION: This element is required for Defense To (DTTS) shipments. 8 - Actual Pickup Time Carrier's Pickup Time Use format HHMM.	C Fransport C	ID ation Trackin	1/1 g System	1	110	0	10	G6204	337	С	ID TM	1/2
		ELEMENT CONDITION: This element is required for DTTS ship	pments.											
20-05	10	Time Zone Indicator If DTTS shipment, this segment occurs twice; once with code v and once with 'GM' for Greenwich time. If shipment is other tha time only. Repeat G6201 and G6202 for both occurrences of th SOURCE: ISO 8601 available from American National Standar GM - Greenwich Mean Time LT - Local Time	n DTTS, e segme	use 'LT' loca nt.		1	110	О	10	G6205	623	0	ID	2/2
21	10	G62 SEGMENT - Date Shipped to POE SEGMENT CONDITION: Use only for ocean shipments.	С			1	If eithe	r G6201	10 G6201 or G6203 is required. or G6202 is present, then the oth					
21-01	10	Date Shipped to POE Qualifier 10 - Requested Ship Date/Pick-up Date	М	ID	2/2	1	110	0	10	G6201	432	С	ID	2/2
21-02	10	Date Shipped to POE	М	DT	8/8	1	110	0	10	G6202	373	С	DT	8/8
22	10	G62 SEGMENT - Adjusted Date Shipped to POE SEGMENT CONDITION: Use only for ocean shipment.	С			1	If eithe	r G6201	10 G6201 or G6203 is required. or G6202 is present, then the oth	•				
22-01	10	Adjusted Date Shipped to POE Qualifier BB - Transaction Control Date	М	ID	2/2	1	110	0	10	G6201	432	С	ID	2/2

	DoD INFORMATION DoD Recommended Attrib						X12 S	SEGMEN	NT INFORI	MATION			X12 ELEME	NT INFORM	ATION	
Index	DG			DoD Rec	ommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#	Att	tributes
22-02	10	Adjusted Date Shipped to POE	С	DT	8/8	1	110	0	10		•		G6202	373	С	DT
22-03	10	Adjusted Time Shipped to POE Qualifier W - Effective Time	М	ID	1/1	1	110	0	10				G6203	176	С	ID
22-04	10	Adjusted Time Shipped to POE Use format HHMMSS.	М	TM	6/6	1	110	0	10				G6204	337	С	ТМ
22-05	10	Adjusted Time Code SOURCE: ISO 8601 available from American LT - Local Time	M Natio	ID onal Stand	2/2 dards Institute	1	110	0	10				G6205	623	0	ID
23	10	G62 SEGMENT - Delivery SEGMENT CONDITION: Use segment when	C date	of deliver	y is available.	1	If either	G6201 or	10 3201 or G62 G6202 is pi G6204 is pi	resent, then	the other	•				
23-01	10	Date of Delivery Qualifier 35 - Delivered on This Date	М	ID	2/2	1	110	0	10				G6201	432	С	ID
23-02	10	Date of Delivery	М	DT	8/8	1	110	0	10				G6202	373	С	DT
24	10	G62 SEGMENT - Sailing Date SEGMENT CONDITION: Required for OCE Not used otherwise.	C :AN C	CARGO S	SHIPPING INSTRUCTIONS	1	If either	G6201 or	10 6201 or G62 G6202 is pi G6204 is pi	resent, then	the other	•				
24-01	10	Sailing Date Qualifier 05 - Sailing Date	М	ID	2/2	1	110	0	10				G6201	432	С	ID

24-02	10	Sailing Date	М	DT	8/8	1	110	0	10	G6202	373	С	DT
25	10	PER SEGMENT - Shipment Contact	С			1	120	0	3				
		SEGMENT CONDITION: Use segment when person receiving shipment.	n telep	phone co	ontact may be required with		If either F	PER05 or	PER04 is present, then the other is required. PER06 is present, then the other is required. PER08 is present, then the other is required.				
25-01	10	Shipment Contact Qualifier IC - Information Contact	М	ID	2/2	1	120	0	3	PER01	366	M	ID

		DoD INFORMATION					2	X12 SE	GMENT I	NFORMA	TION		Х	(12 ELEM	ENT IN	IFORM/	ATION
Index	DG	Data Name Notes and Codes	Do		ommended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
25-03	10	Shipment Contact Qualifier AU - Defense Switched Network	М	ID	2/2	1	120	0	3	•	•	•	PER03	365	С	ID	2/2
		FT - Federal Telecommunications System (FTS)															
		TE - Telephone															
25-04	10	Shipment Contact Telephone No. Telephone number of shipment POC.	М	AN	7/21	1	120	0	3				PER04	364	С	AN	1/80
26	10	PER SEGMENT - Emergency Response Telephone No.	С			1	120	0	3								
		SEGMENT CONDITION: Use segment when shipm telephone contact.	ent r	equires	an emergenc	у	If eithe	r PER05	or PER06	is present, is present, is present,	then the o	other is r	equired.				
26-01	10	Emergency Response Telephone No. Function Code EF - Emergency Contact-Military Traffic Management Cor (MTMC)	M nmand	ID	2/2	1	120	0	3				PER01	366	M	ID	2/2
		<i>Use 'EF' to denote Emergency Contact - Military Surface Deployment and Distribution Command (SDDC).</i>															
26-02	10	Contact Name	М	AN	1/60	1	120	0	3				PER02	93	0	AN	1/60
26-03	10	Emergency Response Telephone No. Qualifier AU - Defense Switched Network	M	ID	2/2	1	120	0	3				PER03	365	С	ID	2/2
		IT - International Telephone															
		TE - Telephone															

26-04	10	Emergency Response Telephone No.	М	AN	7/21	1	120	0	3	PER04	364	С	AN	1/80
27	72	F9 SEGMENT - Originating Railroad Station SEGMENT CONDITION: Use to designate origination railroad station as applicable.	С			1	140	0	1					
27-02	72	Originating Railroad Station Name of railroad station where shipment originated.	М	AN	2/19	1	140	0	1	F902	19	М	AN	2/30
		, ,					F902 is	s the orig	in station for movement.					
27-03	72	State of Originating Railroad Station SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	М	ID	2/2	1	140	0	1	F903	156	M	ID	2/2

		DoD INFORMATION				X12	SEGME	NT INF	ORMA	ATION	ı			LEMEN	
Index	DG	Data Name Notes and Codes			ecommended ttributes	Tabl	Pos Re	q Ma		Lp Lvi	Lp I D	Ref Des	DE #	Attr	butes
27-08	72	SPLC of Originating Railroad Station	С	ID	9/9	1	140 O	1				F908	154	O ID	6/9
		SOURCE: Continental Directory of Standard Point Location Codes (SPLC) available from National Motor Freight Traffic Association, Inc.					F908 is in the F9		ndard P	oint Lo	ocation	Code (SPLC) f	or the cit	y named
28	71	D9 SEGMENT - Destination Railroad Station SEGMENT CONDITION: Use to designate destination railroad station as applicable.	С			1	150 O	1							
28-02	71	Destination Railroad Station	М	AN	2/19	1	150 O	1				D902	19	M AN	2/30
		Name of railroad station where shipment will terminate.					D902 is	he des	ination	station	of mo	vement.			
28-03	71	State of Destination Railroad Station SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	М	ID	2/2	1	150 O	1				D903	156	M ID	2/2
28-08	71	SPLC of Destination Railroad Station	С	ID	9/9	1	150 O	1				D908	154	O ID	6/9
		SOURCE: Continental Directory of Standard Point Location Codes (SPLC) available from National Motor Freight Traffic Association, Inc.					D908 is		ndard P	oint Lo	ocatio	n Code (SPLC)	for the ci	ty named
29	10	R2 SEGMENT - Interline or 3PL Carrier	С			1	170 O	13							
		SEGMENT CONDITION: For non-3PL coordinated shipments (Defense Transportation Coordination Initiative (DTCI) or Defense Freight Transportation Services (DFTS)) use this segment if interline carriers are used during shipment. However, shipper systems are not required to provide Interline Carrier Routing information for rail movements. For 3PL shipments (DTCI or DFTS), use this segment to identify the carrier to whom the 3PL coordinator has assigned the shipment.					If R208 i	s prese	nt, then	R207	is requ	uired.			
29-01	10	Via (Routing) SCAC For non-3PL coordinated shipments (DTCI or DFTS) enter SCAC of interline and destinat carrier(s) in sequence after origin carrier. The origin carrier should not be included in an interline list. For 3PL coordinated shipments (DTCI or DFTS), enter the SCAC of the carrier to whom the 3PL coordinator assigned the shipment. SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STANMF 101 Series available from National Motor Freight Association, Inc.		ID	2/4	1	170 O	13				R201	140	M ID	2/4

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

FREIGHT BILL OF LADING SHIPMENT INFORMATION 858.R.004010

		DoD INFORMATION					X12	SE	GMENT	INFO	ORMA	TION				LEMEN	
Index	DG	Data Name Notes and Codes			Recon Attrib	nmended utes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE #	Attri	butes
29-02	10	Via (Routing) SCAC Qualifier Use 'B' for 3PL shipments (DTCI or DFTS) to indicate the carrier the 3PL coordinator assigned to the shipment. 1 - 1st Carrier after Origin Carrier	М	ID		1/1	1	17	0 0	13				R202	133	M ID	1/2
		2 - 2nd Carrier after Origin Carrier															
		3 - 3rd Carrier after Origin Carrier															
		4 - 4th Carrier after Origin Carrier															
		5 - 5th Carrier after Origin Carrier															
		A - Origin Carrier, Agent's Routing (Rail)															
		B - Origin/Delivery Carrier (Any Mode)															
		D - DELY (Delivery Switch Carrier)															
		H - Haulage Rights Carrier and Junction															
		I - Origin Switch Carrier															
		M - Haulage Movement Carrier and Junction															
		O - Origin Carrier (Air, Motor, or Ocean)															
		R - Origin Carrier, Rule 11 Shipment															
		S - Origin Carrier, Shipper's Routing (Rail)															
		V - Intermediate Switch Carrier															

		ORTATION EDI CONVENTION				1						004010
		Z - Mutually Defined										
29-03	10	Via (Routing) Location	С	AN	2/30	1	170 O	13	R203	19	O AN	2/30
							R203 is the shipments		name at which car	riers inte	erchange	
29-04	10	Via (Routing) SPLC	С	ID	9/9	1	170 O	13	R204	154	O ID	6/9
		SOURCE: Continental Directory of Standard Point Location Codes (SPLC)										
		available from National Motor Freight Traffic Association, Inc.										
30	10	R4 SEGMENT - POE	С			1	180 O	5				
		SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTION	NS. Not used	otherwise.			If either R	402 or R403 is բ	present, then the of	her is re	quired.	
							R4 is requ	iired for each po	ort to be identified.			
30-01	10	Port or Terminal Function Code	М	ID	1/1	1	180 O	5	R401	115	M ID	1/1
		L - Port of Loading (Operational)										

		DoD INFORMATION				X12	2 SEGI	MENT	INFOF	RMAT	ΓΙΟΝ			X12 E			
Index	DG	Data Name Notes and Codes			ommended butes	Tabl	Pos	Req Des		Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attrik	outes
30-02	10	Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) IM - Military Standard Movement Procedures (MILSTAMP)	М	ID	2/2	1	180	0	5				R402	309	С	ID	1/2
30-03	10	POE [T_3 21/23]	С	AN	3/3	1	180	0	5				R403	310	С	AN	1/30
31	10	R4 SEGMENT - POD SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS. Not use	C ed other	rwise.		1		er R40	5 02 or R40 ed for ea				n the othen	er is rec	uired	l.	
31-01	10	Port or Terminal Function Code D - Port of Discharge (Operational)	М	ID	1/1	1	180	0	5				R401	115	М	ID	1/1
31-02	10	Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) [T_0 20/20] IM - Military Standard Movement Procedures (MILSTAMP)	M	ID	2/2	1	180	0	5				R402	309	С	ID	1/2
31-03	10	POD [T_3 21/23]	С	AN	3/3	1	180	0	5				R403	310	С	AN	1/30
32	10	H3 SEGMENT - Accessorial/Protective Service SEGMENT CONDITION: Use if shipper orders accessorial services from the carrier. Use also if the Defense Transportation Tracking System (DTTS) is required.	С			1	200 Only		20 H301 or	r H302	2 may	be pr	esent.				

Accessorial/Protective Service Ordered Identifier Order accessorial services with this data element. To order accessorial services, the carrier industry requires the use of the H3 segment. This code also appears in the HL Accessorial/Protective Service (formerly LX 300) loop which is used to cost accessorial services. Do not use this element to order surveillance services; use the next occurrence of the H3 segment.	M	ID	3/3		200 O	20	H301	152		ن	2/3
carrier industry requires the use of the H3 segment. This code also appears in the HL Accessorial/Protective Service (formerly LX 300) loop which is used to cost accessorial services. Do not use this element to order surveillance services; use the next											
Accessorial/Protective Service (formerly LX 300) loop which is used to cost accessorial services. Do not use this element to order surveillance services; use the next											
services. Do not use this element to order surveillance services; use the next											
•											
occurrence of the H3 segment.											
See Section 6.0 for valid code list.											
SOURCE: Reference Section 6.0 of this IC beginning at page 6.14 for code values using											
applicable Accessorial											
Services for Rail Shipments, Accessorial Services for Tailored											
Fransportation Contract Traffic Shipments,											
Accessorial/Protective Service For Air											
Shipments, Accessorial/Protective Service For Motor Shipments, Bulk Fuel Shipments,											
Miscellaneous Services, and Pipeline Shipments tables. Common code values associated											
vith multiple definitions prevents documentation of the entire sub-set.											
Fir N	ransportation Contract Traffic Shipments, ccessorial/Protective Service For Air hipments, Accessorial/Protective Service For Motor Shipments, Bulk Fuel Shipments, iscellaneous Services, and Pipeline Shipments tables. Common code values associated ith multiple definitions prevents documentation of the entire sub-set.	ransportation Contract Traffic Shipments, ccessorial/Protective Service For Air hipments, Accessorial/Protective Service For Motor Shipments,Bulk Fuel Shipments, iscellaneous Services, and Pipeline Shipments tables. Common code values associated ith multiple definitions prevents documentation of the entire sub-set.	ransportation Contract Traffic Shipments, ccessorial/Protective Service For Air hipments, Accessorial/Protective Service For Motor Shipments,Bulk Fuel Shipments, iscellaneous Services, and Pipeline Shipments tables. Common code values associated ith multiple definitions prevents documentation of the entire sub-set.	ransportation Contract Traffic Shipments, ccessorial/Protective Service For Air hipments, Accessorial/Protective Service For Motor Shipments,Bulk Fuel Shipments, iscellaneous Services, and Pipeline Shipments tables. Common code values associated ith multiple definitions prevents documentation of the entire sub-set.	cansportation Contract Traffic Shipments, ccessorial/Protective Service For Air hipments, Accessorial/Protective Service For Motor Shipments,Bulk Fuel Shipments, iscellaneous Services, and Pipeline Shipments tables. Common code values associated ith multiple definitions prevents documentation of the entire sub-set.	coessorial/Protective Service For Air hipments, Accessorial/Protective Service For Motor Shipments,Bulk Fuel Shipments, iscellaneous Services, and Pipeline Shipments tables. Common code values associated ith multiple definitions prevents documentation of the entire sub-set.	coessorial/Protective Service For Air hipments, Accessorial/Protective Service For Motor Shipments, Bulk Fuel Shipments, iscellaneous Services, and Pipeline Shipments tables. Common code values associated ith multiple definitions prevents documentation of the entire sub-set.	coessorial/Protective Service For Air hipments, Accessorial/Protective Service For Motor Shipments,Bulk Fuel Shipments, iscellaneous Services, and Pipeline Shipments tables. Common code values associated	coessorial/Protective Service For Air hipments, Accessorial/Protective Service For Motor Shipments, Bulk Fuel Shipments, iscellaneous Services, and Pipeline Shipments tables. Common code values associated ith multiple definitions prevents documentation of the entire sub-set.	ransportation Contract Traffic Shipments, ccessorial/Protective Service For Air hipments, Accessorial/Protective Service For Motor Shipments,Bulk Fuel Shipments, iscellaneous Services, and Pipeline Shipments tables. Common code values associated ith multiple definitions prevents documentation of the entire sub-set.	ccessorial/Protective Service For Air hipments, Accessorial/Protective Service For Motor Shipments, Bulk Fuel Shipments, iscellaneous Services, and Pipeline Shipments tables. Common code values associated ith multiple definitions prevents documentation of the entire sub-set.

		DoD INFORMATION				X12	SEGN	ИENT	INFO	RMA	TION				LEMENT RMATION
Index	DG	Data Name Notes and Codes			commended tributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D		DE #	Attributes
33	10	H3 SEGMENT - Actual Surveillance Service and Requesting Party SEGMENT CONDITION: Use this segment when ordering surveillance services.	С			1	200 Only		20 H301	or H3	02 ma	y be į	present.		
33-02	10	Actual Surveillance Service and Requesting Party Use this data element for requesting Surveillance Services only. See H301 for the applicable code values to enter in this data element. Do not use this data element to order accessorial services. Rather, use the H301 data element in a separate occurrence of the H3 segment for non-surveillance services. Provide the military service code to indicate the requesting party. Military service codes are: A = Army, N = Navy, F = Air Force, M = Marine Corps, P = Coast guard, and S = Defense Logistics Agency. Use a comma for the sub element delimiter between the actual service code and the requesting party.	M	AN	5/5	1	200	0	20				H3(02 153	C AN 2/30
34	10	E1 SEGMENT - Receiving Party For Empty Railcar LOOP CONDITION: Use when shipment employs an empty railcar.	С			1	220 If eith		1)2 or E	2 103 is	1 s prese	E1 ent, th	en the ot	her is r	equired.
34-01	10	Name of Receiving Party For Empty Railcar From the bill of lading continuation page.	М	AN	2/30	1	220	0	1	2	1	E1	E101	459	9 M AN 2/30
35	10	E4 SEGMENT - City for Receiving Empty Railcar SEGMENT CONDITION: Use when shipment employs an empty railcar.	С			1	230	0	1	2	1	E1			
35-01	10	City for Receiving Empty Railcar From the bill of lading continuation page.	М	AN	2/19	1	230	0	1	2	1	E1	E401	19	M AN 2/30
35-02	10	State for Receiving Empty Railcar From the bill of lading continuation page. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	M	ID	2/2	1	230	0	1	2	1	E1	E402	156	M ID 2/2
36	10	E5 SEGMENT - Routing SCAC SEGMENT CONDITION: Use if SCAC is applicable.	С			1	240	0	13	2	1	E1			

36-01	10	Routing SCAC for Empty Railcar	М	ID	2/4	1	240 O	13	2	1	E1	E501	140 M ID	2/4
		From the bill of lading continuation page.												
		SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC),												
		NMF 101 Series available from National Motor Freight Association, Inc.												

		DoD INFORMATION)	(12 SEC	SMENT IN	NFORMAT	ΓΙΟΝ		X	12 ELEME	ENT IN	FORM	ATION
Index	DG	Data Name Notes and Codes	Do	D Recomm Attrib		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Att	ributes
36-02	10	Routing SCAC Sequence Number From the bill of lading continuation page. 1 - 1st Carrier after Origin Carrier	M	ID	1/1	1	240	0	13	2	1	E1	E502	133	М	ID	1/2
		2 - 2nd Carrier after Origin Carrier															
		3 - 3rd Carrier after Origin Carrier															
		4 - 4th Carrier after Origin Carrier															
		5 - 5th Carrier after Origin Carrier															
37	10	L7 SEGMENT - Tariff Distance SEGMENT CONDITION: Required for all modes except ocean. When used, there are different rules for CONUS and OCONUS mileages. This segment may be repeated up to two times (one for CONUS, the other for OCONUS).	С			1	270	0	30								
37-13	10	Tariff Distance (mileage) Mileage used for rating shipment.	М	N0	1/5	1	270	0	30				L713	294	0	N0	1/5
37-14	10	Distance (mileage) Qualifier M - Miles (Actual)	M	ID	1/1	1	270	0	30				L714	295	0	ID	1/1
		<i>Use 'M' to denote CONUS mileage (used for ocean shi</i>	ipment	s only).	•												
		T - Tariff Miles															
		<i>Use 'T' to denote OCONUS mileage.</i>															
38	10	NTE SEGMENT - Change Notice	С			1	280	0	50								

. IKA	MSP	ORTATION EDI CONVENTION												1	858.R.004010
		SEGMENT CONDITION: Use when Change Notice applies	es.				implem	nentation	s, is not machine	orm information/data processable. The us n automated environ	e of the NTE seg			ore	
38-01	10	Change Notice Qualifier CHG - Change	М	ID	3/3	1	280	0	50		NTE01	363	0	ID	3/3
38-02	10	Change Notice Identifies the kind of change (correction) to the bill of ladin SOURCE: Reference Section 5.0 (DTEB Freight Bill of Lading Shipment Information Implementation Convention) for a description of the indicator code positions and an example of a populated indicator string.	M ng.	AN	8/8	1	280	0	50		NTE02	352	М	AN	1/80
39	10	NTE SEGMENT - Routing Instruction Note SEGMENT CONDITION: Use when routing instruction no	C ote app	ies.		1	implem	nentation	s, is not machine	orm information/data processable. The us n automated environ	e of the NTE seg			ore	

		DoD INFORMATION						X12 SE	GMENT IN	FORMA	ΓΙΟΝ		2	X12 ELEM	IENT IN	IFORMA	TION
Index	DG	Data Name Notes and Codes	Dol		mmended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
39-01	10	Routing Instruction Note (RIN) Code Qualifier INT - General Order Instructions	М	ID	3/3	1	280	0	50		•	•	NTE01	363	0	ID	3/3
39-02	10	Routing Instruction Note (RIN) Code SOURCE: USTRANSCOM J5-PT	М	AN	3/3	1	280	0	50				NTE02	352	М	AN	1/80
40	10	NTE SEGMENT - Load Use SEGMENT CONDITION: Use for Defense Transportation Tracking System (DTTS) shipments.	С			1	280	O E segmen	50	e-form info	ormation/d	ata which	, under ANSI X	12 standard	1		
		Transportation fracking dystem (DTTO) simplifients.					implem	entations,	•	ne proces	sable. The	use of th	e NTE segmer				
40-01	10	Load Use Qualifier LOI - Loading Instructions	М	ID	3/3	1	280	0	50				NTE01	363	0	ID	3/3
40-02	10	Load Use Instructions EXCLUSIVE	М	AN	9/12	1	280	0	50				NTE02	352	М	AN	1/80
		NONEXCLUSIVE															
41	10	NTE SEGMENT - DoD Classification Instructions SEGMENT CONDITION: Use for Defense	С			1	280	0	50								
		Transportation Tracking System (DTTS) shipments.					implem	entations,	-	ne proces	sable. The	use of th	, under ANSI X e NTE segmer				
41-01	10	DoD Classification Instructions Qualifier Use to denote the highest security classification of an item within the shipment (i.e. the highest classified Controlled Inventory Item Code (CIIC) within the shipment). CLR - Security Clearance Instructions <i>VISE 'CLR' to denote Emergency Contact — Military Surface Deployment and Distribution Command (SDDC).</i>	M	ID	3/3	1	280	0	50				NTE01	363	0	ID	3/3

41-02	10	DoD Classification Instructions	М	AN	1/1	1	280	0	50	NTE02	352	М	AN	1/80
		C - Confidential S - Secret												
		U - Unclassified												
42	10	NTE SEGMENT - Shipper Instructions C				1	280	0	50					
		SEGMENT CONDITION: Use when additional ship ocean shipments.	pper i	instructio	ons apply fo	r	impleme	entations	nt permits free-form information/data whi is not machine processable. The use of all possible, in an automated environmen	the NTE segme				
42-01	10	Shipper Instructions Code ADD - Additional Information	М	ID	3/3	1	280	0	50	NTE01	363	0	ID	3/3
		<i>Use 'ADD' to denote Shipper Instructions to the Consignee or to the Carrie</i>	r.											

			DoD INFO	DRMATION					X12 \$	SEGME	ENT IN	NFORM	ATIO	١	X12 EI	LEMEN	T INI	FORM	ATION
Index	:	Data Name DG Notes and Codes					ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	butes
42	2-02	2 10 Shipper Instructions Enter text informatio	n from the paper bill of lading.		M	AN	1/80	1	280	0	50		•		NTE02	352	М	AN	1/80
43		LOOP CONDITION: If the bill of lading is	- Primary Equipment Furi For ocean shipments, this infor for movements using motor, rail ps as required to identify equipr	mation is needed to facilitate l, or bulk fuel conveyances,				1	If eith If eith	er N705 er	or N7	16 is pre	sent, th	nen the	other is recont other is recontract.	•			
43	3-0	prefix used to descri For motor and air sh or the equipment init Primary equipment the shipper from the furnished by the car The shipper pays on For ocean shipment ELEMENT CONDIT it carries the equipm	nis data element is MANDATOR on the railcars, trailers, and contain ipments, if the value in N702 is it ials are not available, use the Sast that equipment ordered by carrier. That equipment type or iter and used in the transportation by for the primary equipment orders, use the initials on the contain ON: For rail shipments, this date ent prefix used to describe railcoad Devices Manual available	ers. other than 'NONE', CAC. dered, or its equivalent, is on of the shipment. dered. er (never the carrier SCAC). a element is MANDATORY; ars, trailers, and containers.		AN	1/4	1	330 N701	O is mano	1 datory f	600	1 ansacti	N7	N701	206	0	AN	1/4
43	3-0	trailers, and containe	lumbers nis data element carries the seri ers. For motor and air shipments e word 'NONE' in this data elem	s, if specific equipment is	M	AN	1/10	1	330	0	1	600	1	N7	N702	207	M	AN	1/10
4	43-		mary Equipment Furnished units. Entry may contain a decir st point of the field.	nal; if not, decimal is	С	N0	3/3	1	330	0	1	600	1	N7	N703	81	С	R	1/10

TRANSPORTATION EDI CONVENTION														858.	R.004010
43-04 60 Weight Capacity Primary Equipment Furnished Qualifier ELEMENT CONDITION: Required if N705 is used. N - Actual Net Weight	С	ID	1/1	1	330	0	1	600	1	N7	N704	187	С	ID	1/2
43-08 60 Cube Capacity Primary Equipment Furnished ELEMENT CONDITION: Include if the carrier provides equipment different than that which was ordered, or if reporting the internal cube of a container.	С	R	1/8	1	330	0	1	600	1	N7	N708	183	С	R	1/8

		DoD INFORMATION					X12 S	EGME	ENT IN	FORM	ATIOI	N		X12 EL INFOR			
Index	DG	Data Name Notes and Codes			ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attrik	utes
43-09	60	Cube Capacity Primary Equipment Furnished Qualifier ELEMENT CONDITION: This qualifier must appear if cube capacity carrier equipment furnished is used. E - Cubic Feet	С	ID	1/1	1	330	0	1	600	1	N7	N709	184	С	ID	1/1
43-13	60	Temperature Control Use to specify temperature setting for reefer shipments. For ocean shipments Indicate minimum and maximum temperature.	С	AN	3/6	1	330	0	1	600	1	N7	N713	319	0	AN	3/6
43-15	60	Length Capacity Primary Equipment Furnished ELEMENT CONDITION: Include if the carrier provides equipment different than that which was ordered.	С	N0	4/5	1	330	0	1	600	1	N7	N715	567	0	N0	4/5
43-22	60	Type of Equipment Furnished Left justify the code and fill to the right with the lower case 'x' until a length of four characters is attained. SOURCE: Reference Section 6.0 of this IC for code values using applicable Air, Containers, Motor and TOFC (Dimensions are Outside Dimensions), Other Methods, Rail, and Water tables. See Section 6 for list of data values.	M	ID	4/4	1	330	0	1	600	1	N7	N722	24	0	ID	4/4
44	60	EM SEGMENT - Date Primary Equipment Furnished SEGMENT CONDITION: Use if equipment was furnished (for the current N7 loop)	C .			1				600 hen EMi		•					
44-07	60	Date Enter date that equipment was furnished for the current N7 loop.	М	DT	8/8	1	331	0	1 EM	600 07 is the	1 e last ir	N7	EM07 on date for	373	O tion o	DT f safe o	8/8 container.
45	60	NA SEGMENT - Secondary Equipment Furnished	С			1	335	0	30	600	1	N7					
		SEGMENT CONDITION: Required if use of secondary equipment applies.					If NA)1 is pre	esent, th	nen NA()2 is re	quired					
45-03	60	Secondary Equipment Initials	М	AN	1/4	1	335	0	30	600	1	N7	NA03	206	М	AN	1/4

DEPARTMENT OF DEFENSE TRANSPORTATION EDI CONVENTION

FREIGHT BILL OF LADING SHIPMENT INFORMATION 858.R.004010

NA03 contains the equipment initial of an associated shipment and is required by

For rail Trailer on Flatcar/Container on Flatcar (TOFC/COFC) shipments, this data element carries the equipment initials of the flatcar used to convey the trailer/container (primary equipment ordered). When the shipper orders a trailer/container, the carrier supplies a flatcar to convey the trailer/container (primary equipment). The trailer is considered secondary equipment. The shipper incurs no cost for the use of secondary equipment.

If unknown, use NONZ for van or NONU for container.

SOURCE: IATA Unit Load Devices Manual available from International Air Transport Association

		Dod Information				X12	SEGN	IENT	INFO	RMAT	ION				LEMEN	
Index	DG	Data Name Notes and Codes			commended ributes	Tabl	Pos		Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE #	At	tributes
45-04	60	Secondary Equipment Numbers For rail Trailer on Flatcar/Container on Flatcar (TOFC/COFC) shipments, this data element carries the equipment serial number of the flatcar used to convey the trailer/container (primary equipment ordered). When the shipper orders a trailer/container, the carrier supplies a flatcar to convey the trailer/container (primary equipment). The trailer is considered secondary equipment. The shipper incurs no cost for the use of secondary equipment. If a number is not available, send value 'xxxx' per shipper's instructions.	M	AN	1/10	1	335 NA04		30 ins the	600 1			NA04		7 M AN	
45-05	60	Cross Reference Type Code ELEMENT CONDITION: Use to further identify secondary equipment when shipment is by F - Conveying Flat Car	C / rail.	ID	1/1	1	335	O	30	600 1		N7	NA05	231	O ID	1/1
46	60	M7 SEGMENT - Seals SEGMENT CONDITION: Required if seals are applied to the primary equipment.	С			1	340)	5	600	1	N7				
46-01	60	Seal Number Additional seal numbers should be carried in M702, M703, and M704.	М	AN	2/15	1	340)	5	600 1		N7	M701	22	5 M AN	2/15
46-02	60	Additional Seal Number	С	AN	2/15	1	340)	5	600 1		N7	M702	22	5 O AN	2/15
46-03	60	Additional Seal Number	С	AN	2/15	1	340)	5	600 1		N7	M703	22	5 O AN	2/15
46-04	60	Additional Seal Number	С	AN	2/15	1	340)	5	600 1		N7	M704	22	5 O AN	2/15
46-05	60	Seal Numbers Applied By Qualifier CA - Carrier SH - Shipper	M	ID	2/2	1	340 (M705		5 ates the	600 1			M705	98 which a	O ID	2/3 ne seal(s).
47	60	N5 SEGMENT - Primary Equipment Ordered SEGMENT CONDITION: Required if primary equipment was ordered.	С			1	350 (600 508 is p		N7 t, the	n the otl	ner is re	quired.	

47-01	60	Length Capacity Primary Equipment Ordered Format is FFFII where 8000 is 80 ft.	С	N0	4/5	1	350 O	1	600 1	N7	N501	567 O N0	4/5
47-02	60	Weight Capacity Primary Equipment Ordered	С	N0	2/3	1	350 O	1	600 1	N7	N502	233 O N0	2/3
47-03	60	Cubic Capacity Primary Equipment Ordered	С	N0	2/4	1	350 O	1	600 1	N7	N503	203 O N0	2/4

		DoD INFORMATION					X12	SEGN	IENT IN	IFORM.	ATION		X12 ELI	EMENT	INFO	ORMAT	ION
Index	DG	Data Name Notes and Codes	Do		mmended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attril	outes
47-04	60	Type of Equipment Ordered SOURCE: Reference Section 6.0 of this IC for code values using applicable Air, Containers, Motor and TOFC (Dimensions are Outside Dimensions), Other Methods, Rail, and Water tables. Codes utilized for this data element are DOD Equipment Type codes, and should not be confused with Car Type codes from the Association of American Railroads (AAR). See Section 6 for list of data values.	М	ID	4/4	1	350	0	1	600	1	N7	N504	301	0	ID	1/4
48	60	REF SEGMENT - Tractor Number SEGMENT CONDITION: Required if the Defense Transportation Tracking System required.	C n (DT	TS) is		1	360 At lea	O st one o	5 f REF02	600 or REF0	1 3 is rec	N7 uired.					
48-01	60	Tractor Number Qualifier EQ - Equipment Number	М	ID	2/2	1	360	0	5	600	1	N7	REF01	128	М	ID	2/3
48-02	60	Tractor Number 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 re only for tracking shipments monitored by DTTS.	M quire	AN d	1/10	1	360	0	5	600	1	N7	REF02	127	С	AN	1/30
49	70	N1 SEGMENT - Transportation Company Tendered To (CA) LOOP CONDITION: DG 70 is required if the Defense Transportation Track required.	C ing S	System (DTTS) is	1				12 or N103 is is prese			er is required	1 .			
49-01	70	Transportation Company Tendered To (CA) Qualifier CA - Carrier	М	ID	2/2	1	390	0	1	12	1	N1	N101	98	М	ID	2/3
49-02	70	Transportation Company Tendered To Name (CA)	М	AN	1/35	1	390	0	1	12	1	N1	N102	93	С	AN	1/60
50	70	PER SEGMENT - Transportation Company Dispatcher Contact	С			1	440	0	3	12	1	N1					

	71101	OKIAHON EDI GONVENTION				_										000	.11.00-010
		SEGMENT CONDITION: Required if the Defense Transportation Tracking System required.	tem (DT	TS) is				5 or PE	ER06 is	present, t	hen the	If eith other is	ent, then the ler required. other is req		require	ed.	
50-01	70	Transportation Company Dispatcher Contact Qualifier EM - Emergency Contact	M	ID	2/2	1	440	0	3	12	1	N1	PER01	366	M	ID	2/2
50-03	70	Transportation Company Dispatcher Telephone Number Qualifier M TE - Telephone	ID	2/2		1	440	0	3	12	1	N1	PER03	365	С	ID	2/2
50-04	1 70	Transportation Company Dispatcher Telephone Number	М	AN	7/21	1	440	0	3	12	1	N1	PER04	364	С	AN	1/80

		Dod Information						X12 SE	SMENT IN	FORMA	ΓΙΟΝ			X12 ELEN	IENT IN	IFORM <i>A</i>	ATION
Index	DG	Data Name Notes and Codes	Dol		nmended	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
51	71	N1 SEGMENT - Destination (ST)	М			1			1 02 or N103 N104 is pres			N1 required	l.	•	•		
51-01	71	Destination Name (ST) Qualifier This qualifier identifies name and address information of tollocation. ST - Ship To	M he ca	ID rrier's de	2/2 elivery	1	390	0	1	12	1	N1	N101	98	М	ID	2/3
51-02	71	Destination Name (ST)	С	AN	1/35	1	390	0	1	12	1	N1	N102	93	С	AN	1/60
51-03	71	Destination DoDAAC/CAGE/MAPAC Qualifier Do not use CAGE code for ocean shipments. 10 - Department of Defense Activity Address Code (DODAAC) 33 - Commercial and Government Entity (CAGE)	M	ID	2/2	1	390	0	1	12	1	N1	N103	66	С	ID	1/2
		A2 - Military Assistance Program Address Code (MAPAC)														
51-04	71	Destination DoDAAC/CAGE/MAPAC If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'clear text name and address of the destination is required.	M XXXX	AN XX' and	5/6 the complete	1	identific	ation. To		fficiency th	ne "ID Code	e" (N104)	N104 od of provid			AN	2/80
52	71	N2 SEGMENT - Destination (ST) SEGMENT CONDITION: Use if additional destination nar	C ne ap	plies.		1	400	0	2	12	1	N1					
52-01	71	Additional Name (ST)	M	AN	1/35	1	400	0	2	12	1	N1	N201	93	М	AN	1/60

53	71	N3 SEGMENT - Destination (ST) SEGMENT CONDITION: Use if destination street address	C ss appl	ies.		1	410	0	2	12	1	N1					
53-01	71	Street (ST)	М	AN	1/35	1	410	0	2	12	1	N1	N301	166	М	AN	1/55
53-02	71	Additional Addressing Information	С	AN	1/35	1	410	0	2	12	1	N1	N302	166	0	AN	1/55
54	71	N4 SEGMENT - Destination (ST)	С			1	420	0	1	12	1	N1					
		SEGMENT CONDITION: Use if destination city, state, and	nd ZIP	Code ap	ply.		If N406 i	s presen	t, then N40	5 is require	ed.						
54-01	71	City (ST)	С	AN	2/19	1	420	0	1	12	1	N1	N401	19	0	AN	2/30
		ELEMENT CONDITION: Field is MANDATORY if rail shi	pment.														
							A combine location.	nation of	either N40	1 through N	N404, or N	1405 and	N406 may be	adequate to	specify	а	

		DoD INFORMATION					X12 S	EGME	NT INI	FORM	ATIO	N		X12 EL INFOR			
Index		Data Name Notes and Codes			commended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attril	butes
54-	02	02 71 State Code (ST) ELEMENT CONDITION: Field is MANDATORY if rail shipment. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal National Information Data Center	C Service	ID	2/2	1	420 N402	O is requ	1 ired only	12 / if city	1 name	N1 (N401)	N402 is in the U.	156 S. or Ca	O nada	ID	2/2
54-	03	03 71 ZIP/Postal Code (ST) There should be no special characters, punctuation, or blanks. ELEMENT CONDITION: Field is MANDATORY if rail shipment. SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual available from New Orders Superintendent of Domestic Mail Manual Available from New Orders Superintendent of Domestic Mail Manual Available from New Orders Superintendent of Domestic Mail Manual Available from New Orders Superintendent of Domestic Mail Manual Available from New Orders Superintendent of Domestic Mail Manual Available from New Orders Superintendent of Domestic Mail Manual Available from New Orders Superintendent of Domestic Mail Manual Available from New Orders Superintendent of Domestic Mail Manual Available from New Orders Superintendent of Domestic Mail Mail Mail Mail Mail Mail Mail Mail			3/15	1	420	0	1	12	1	N1	N403	116	0	ID	3/15
54-	04	O4 71 Country Code ELEMENT CONDITION: If destination is OCONUS, country code is required. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, N Codes (GENC), is represented in the National System for Geospatial Intelligence (GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY Codes for Representation of Currencies and Funds, ISO 4217, is available from Ar National Standards Institute.	NSG) '_DOD.I	htm.	2/3	1	420	0	1	12	1	N1	N404	26	0	ID	2/3
54	-05	-05 71 Destination SPLC (ST) Qualifier ELEMENT CONDITION: SPLC is required for CONUS, but not OCONUS, shipmer SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Governn Lading Codes available from Military Traffic Management Command (MTMC) SL - U.S. SPLC		ID of	2/2	1	420	0	1	12	1	N1	N405	309	С	ID	1/2
54-	06	06 71 Destination SPLC (ST) ELEMENT CONDITION: Nine-digit SPLCs are required for costing. SPLC is provid shipments but not OCONUS.	C ed for C	AN	9/9	1	420	0	1	12	1	N1	N406	310	0	AN	1/30
55		71 PER SEGMENT - DTTS Destination (ST) SEGMENT CONDITION: Required if the Defense Transportation Tracking System required.	C (DTTS)	is		1	If eith	er PER	05 or PE	ER06 is	prese	nt, the	n the other in the other in the other i	is require	ed.		

55-01 71 Destination (ST) Contact Qualifier EM - Emergency Contact	М	ID	2/2	1	440	0	3	12	1	N1	PER01	366	М	ID	2/2
55-03 71 Destination (ST) Phone Number Qualifier AU - Defense Switched Network	М	ID	2/2	1	440	0	3	12	1	N1	PER03	365	С	ID	2/2
TE - Telephone															

		Dod Information						X12 SE	GMENT I	NFORMAT	ION)	(12 ELEM	ENT IN	IFORM <i>A</i>	TION
Index	DG	Data Name Notes and Codes	DoE		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Att	ributes
55-04	71	Destination (ST) Contact Phone Number Both commercial and DSN phone numbers are required for	M amm	AN nunition	7/21 shipments.	1	440	0	3	12	1	N1	PER04	364	С	AN	1/80
56	72	N1 SEGMENT - Origin (SF)	М			1				12 03 is require esent, then		N1 is require	d.				
56-01	72	Origin Name (SF) Qualifier This qualifier identifies the name and address information of location. SF - Ship From	M of the	ID carrier's	2/2 pickup	1	390	0	1	12	1	N1	N101	98	M	ID	2/3
56-02	72	Origin Name (SF) ELEMENT CONDITION: If issuing GBLOC is unavailable (IDoDAAC/CAGE/MAPAC is unavailable (N104='XXXXXX name of the origin is required.				1	390	0	1	12	1	N1	N102	93	С	AN	1/60
56-03	72	Origin DoDAAC/CAGE/MAPAC Qualifier Do not use CAGE code for ocean shipments. 10 - Department of Defense Activity Address Code (DODAA 33 - Commercial and Government Entity (CAGE) A2 - Military Assistance Program Address Code (MAPAC)	M AC)	ID	2/2	1	390	0	1	12	1	N1	N103	66	С	ID	1/2
56-04	72	Origin DoDAAC/CAGE/MAPAC If origin DoDAAC/CAGE/MAPAC is unavailable, then N1 complete clear text name and address of the origin is required in N102.	M 04 =	AN 'XXXX	5/6 (X' and the	1	identific	ation. To	obtain this	•	ie "ID Cod	de" (N104	N104 hod of providi			AN	2/80

57	72	N2 SEGMENT - Origin (SF) SEGMENT CONDITION: Use if origin additional name app	C olies.			1	400	0	2	12	1	N1					
57-01	72	Additional Name (SF)	М	AN	1/35	1	400	0	2	12	1	N1	N201	93	М	AN	1/60
58	72	N3 SEGMENT - Origin (SF) SEGMENT CONDITION: Use if origin street address appli	C es.			1	410	0	2	12	1	N1					
58-01	72	Street (SF)	М	AN	1/35	1	410	0	2	12	1	N1	N301	166	М	AN	1/55
58-02	72	Additional Addressing Information	С	AN	1/35	1	410	0	2	12	1	N1	N302	166	0	AN	1/55

		DoD INFORMATION					X12 S	EGME	NT IN	FORM	ATIO	N	X12 El	EMEN	IT IN	FORM	MATION
Index	DG	Data Name Notes and Codes			ecommended ttributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attrik	outes
59		72 N4 SEGMENT - Origin (SF)	С			1	420	0	1	12	1	N1		•			
		SEGMENT CONDITION: Use if origin city, state, and ZIP Code apply.					If N40	6 is pre	sent, th	en N40	5 is re	quired.					
59-0)1 72	City (SF)	С	AN	2/19	1	420	0	1	12	1	N1	N401	19	0	AN	2/30
		ELEMENT CONDITION: Field is MANDATORY if rail shipment.					A com to spe	cify a	n of eith	er N40	1 throu	igh N40	04, or N40	5 and N	406 m	ay be	adequate
59-0)2 72	State (SF)	С	I	2/2	1	420	0	1	12	1	N1	N402	156	0	ID	2/2
		ELEMENT CONDITION: Field is MANDATORY if rail shipment. Also use for provin shipment is Canadian. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal National Information Data Center		•			N402	is requi	red only	∕ if city ı	name ((N401)	is in the U	.S. or C	anada		
59-0	03 72	ZIP/Postal Code (SF) Field is MANDATORY if rail shipment. There should be no special characters, pundor blanks. ELEMENT CONDITION: Field is MANDATORY if rail shipment. SOURCE: National ZIP Code and Post Office Direct	ectory, I	Publication	3/15 65 available from U.S Postal Service;	1	420	0	1	12	1	N1	N403	116	0	ID	3/15
		of Documents															
59-6	04 72	Country Code (SF) ELEMENT CONDITION: If origin is OCONUS, country code is required. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, N Codes (GENC), is represented in the National System for Geospatial Intelligence (GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTR\ Codes for Representation of Currencies and Funds, ISO 4217, is available from AI National Standards Institute.	(NSG) /_DOD	.htm.	2/3	1	420	0	1	12	1	N1	N404	26	0	ID	2/3

HIVAINO	FORTATION EDI CONVENTION														000.1	
59-05 7	2 Shipping Point SPLC (SF) Qualifier ELEMENT CONDITION: Required if N406 is used. SOURCE: Defense Traffic Management Regulation (DTMR), Appendi	x I - Government Bill of	ID	2/2	1	420	0	1	12	1	N1	N405	309	С	ID	1/2
	Lading Codes available from Military Traffic Management Command (SL - U.S. SPLC	MTMC)														
59-06 72	Shipping Point SPLC (SF) Nine-digit SPLCs are required for costing. SPLC is provided for CONU OCONUS.		AN	9/9	1	420	0	1	12	1	N1	N406	310	0	AN	1/30
60	72 PER SEGMENT - DTTS Origin (SF) SEGMENT CONDITION: Required if the Defense Transportation Tracerequired.	C king System (DTTS) is			1	If eith	er PEI	R05 or F	PER06 i	s pres	ent, the	n the othe n the othe n the othe	r is requ	ired.		

		DoD INFORMATION				Х	(12 SE	GMENT I	NFORMAT	TION)	(12 ELEMI	ENT IN	IFORMA	ATION	
Index	DG	Data Name Notes and Codes	Do		nmended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Att	ributes
60-01	72	Origin (SF) Contact Qualifier EM - Emergency Contact	М	ID	2/2	1	440	0	3	12	1	N1	PER01	366	М	ID	2/2
60-03	72	Origin (SF) Phone Number Qualifier AU - Defense Switched Network	М	ID	2/2	1	440	0	3	12	1	N1	PER03	365	С	ID	2/2
		TE - Telephone															
60-04	72	Origin (SF) Contact Phone Number Both commercial and DSN phone numbers are required for	M amm	AN unition sl	7/21 hipments.	1	440	0	3	12	1	N1	PER04	364	С	AN	1/80
61	73	N1 SEGMENT - Consignee (CN)	М			1				12 03 is require resent, then		N1 is require	ed.				
61-01	73	Consignee (CN) Name Qualifier This qualifier identifies the installation transportation office reshipment at the final destination. CN - Consignee	M espoi	ID nsible for	2/2 the	1	390	0	1	12	1	N1	N101	98	М	ID	2/3
61-02	73	Consignee Name (CN) ELEMENT CONDITION: If consignee GBLOC is una consignee DoDAAC/CAGE/MAPAC is unavailable (N104='XXXXXXX'), the consignee is required.		,	,	1	390	0	1	12	1	N1	N102	93	С	AN	1/60
61-03	73	Consignee DoDAAC/CAGE/MAPAC Qualifier Do not use CAGE code for ocean shipments. 10 - Department of Defense Activity Address Code (DODAA 33 -	M C)	ID	2/2	1	390	0	1	12	1	N1	N103	66	С	ID	1/2
		Commercial and Government Entity (CAGE) A2 - Military															

		Assistance Program Address Code (MAPAC)															
61-04	73	Consignee DoDAAC/CAGE/MAPAC If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XX clear text name and address of the consignee is required in N102.	M XXXX	AN (' and th	5/6 e complete	1	identific	cation. To	obtain th	•	y the "ID	Code" (N1	N104 ethod of prov 04) must prov			AN	2/80
62	73	N2 SEGMENT - Consignee (CN) SEGMENT CONDITION: Use if consignee additional name	C applie	es.		1	400	0	2	12	1	N1					
62-01	73	Additional Name (CN)	М	AN	1/35	1	400	0	2	12	1	N1	N201	93	М	AN	1/60

		DoD INFORMATION				X12	SEGI	MENT	INFC	ORMA	TION				EMENT MATION	
Index	DG	Data Name Notes and Codes			commended	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE #	Attri	ibutes
63	73	N3 SEGMENT - Consignee (CN) SEGMENT CONDITION: Use if consignee street address applies.	С			1	410	0	2	12	1	N1	•	•	•	
63-01	73	Street (CN)	М	AN	1/35	1	410	0	2	12	1	N1	N301	166	M AN	1/55
63-02	73	Additional Addressing Information	С	AN	1/35	1	410	0	2	12	1	N1	N302	166	O AN	1/55
64	73	N4 SEGMENT - Consignee (CN)	С			1	420	0	1	12	1	N1				
		SEGMENT CONDITION: Required for all shipments except ocean. Provides required data when shipment is by rail or when consignee is OCONUS. May be also when consignee city, state, and ZIP Code apply.	used				If N40	06 is p	resent,	then N	N405 is	s requ	iired.			
64-01	73	City (CN) ELEMENT CONDITION: Field is MANDATORY if rail shipment.	С	AN	2/19	1		nbinati uate to	1 on of e		1 1401 th	N1 nrough	N401 n N404, c	19 or N405	O AN and N40	2/30 6 may be
64-02	73	State (CN) ELEMENT CONDITION: Field is MANDATORY if rail shipment. Also use for province if shipment is Canadian. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	С	ID	2/2	1	420 N402 or Ca	is req	1 uired c	12 only if c	1 ity nar		N402 401) is ir	156 I the U.S	O ID	2/2
64-03	73	ZIP Code/Postal Code (CN) There should be no special characters, punctuation, or blanks. ELEMENT CONDITION: Field is MANDATORY if rail shipment. SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents	С	ID	3/15	1	420	0	1	12	1	N1	N403	116	O ID	3/15

64-04	73	Country Code (CN)	С	ID	2/3	1	420 O	1	12	1	N1	N404	26	O ID	2/3
		ELEMENT CONDITION: If consignee is OCONUS, country code is required.													
		SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Name	s, and												
		Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG)												
		GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DO	D.htm.												
		Codes for Representation of Currencies and Funds, ISO 4217, is available from America	an												
		National Standards Institute.													

		Dod Information				X12 SE	GMENT IN	IFORMAT	TION		2	K12 ELEM	ENT IN	IFORMA	TION
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	ibutes
64-05	73	Consignee (CN) GBLOC Qualifier ELEMENT CONDITION: Required for all shipments excepsource: Defense Traffic Management Regulation Government Bill of Lading Codes available from Military Traffic Management BL - Government Bill of Lading Office Code (GBLOC)	(DTMR), Appendix I	1	420	0	1	12	1	N1	N405	309	С	ID	1/2
64-06	73	Consignee (CN) GBLOC ELEMENT CONDITION: If GBLOC is unavailable enter value text name of the consignee is required in N102.	C AN 4/4 lue 'IOOI'. Then, the clear	1	420	0	1	12	1	N1	N406	310	0	AN	1/30
65	74	N1 SEGMENT - Shipper (SH)	M	1			1 102 or N103 N104 is pres			N1 s required	l.				
65-01	74	Shipper Name (SH) Qualifier This qualifier identifies the installation transportation office shipment at origin. SH - Shipper	M ID 2/2 responsible for the	1	390	0	1	12	1	N1	N101	98	М	ID	2/3
65-02	74	Shipper Name (SH) ELEMENT CONDITION: If shipper DoDAAC/CAGE/MA(N104='XXXXXX'), then the clear text name of the shipper is required.	C AN 1/35 PAC is unavailable	1	390	0	1	12	1	N1	N102	93	С	AN	1/60
65-03	74	Shipper DoDAAC/CAGE/MAPAC Qualifier (SH) Do not use CAGE code for ocean shipments. 10 - Department of Defense Activity Address Code (DODAAC)	M ID 2/2	1	390	0	1	12	1	N1	N103	66	С	ID	1/2
		33 - Commercial and Government Entity (CAGE)													
		A2 - Military Assistance Program Address Code (MAPAC)													

65-04	74	Shipper DoDAAC/CAGE/MAPAC (SH)	М	AN	5/6	1	390	0	1	12	1	N1	N104	67	С	AN	2/80
		If shipper DoDAAC/CAGE/MAPAC is unavailable, then the complete clear text name and address of the shipper is required.	N104	= 'XXX)	XXX' and		identific	ation. To	obtain this	•	the "ID Co	de" (N104	hod of provid				
66	74	N2 SEGMENT - Shipper (SH) SEGMENT CONDITION: Use if shipper additional name	C applie	s.		1	400	0	2	12	1	N1					
66-01	74	Additional Name (SH)	M	AN	1/35	1	400	0	2	12	1	N1	N201	93	M	AN	1/60
67	74	N3 SEGMENT - Shipper (SH) SEGMENT CONDITION: Use if shipper street address a	C pplies.			1	410	0	2	12	1	N1					

		DoD INFORMATION				X12	SEGI	MENT	INFO	ORMA	TION	l			EMENT MATION	
Index	DG	Data Name Notes and Codes			commended tributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE #	Attri	butes
67-01	74	Street (SH)	М	AN	1/35	1	410	0	2	12	1	N1	N301	166	M AN	1/55
67-02	74	Additional Addressing Information	С	AN	1/35	1	410	0	2	12	1	N1	N302	166	O AN	1/55
68	74	N4 SEGMENT - Shipper (SH) SEGMENT CONDITION: Use if shipper city, state, and ZIP Code apply.	С			1	420 If N40		1 resent,	12 , then N	1 N405 i	N1 s requ	iired.			
68-01	74	City (SH) ELEMENT CONDITION: Field is required for rail shipments.	С	AN	2/19	1		nbinati uate to			1 401 tl		N401 h N404, o	19 or N405	O AN and N406	
68-02	74	State (SH) ELEMENT CONDITION: Field is required for if rail shipments. Also use for province if shipment is Canadian. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	С	ID	2/2	1	420 N402 or Ca	is req	1 uired c	12 only if c	1 ity nai	N1 me (N	N402 401) is ir	156 the U.S	O ID	2/2
68-03	74	ZIP Code/Postal Code (SH) There should be no special characters, punctuation, or blanks. ELEMENT CONDITION: Field is required for rail shipments. SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents	С	ID	3/15	1	420	0	1	12	1	N1	N403	116	O ID	3/15

110		OKTATION EDI CONVENTION													-00 -1 010
68-04	74	Country Code (SH) ELEMENT CONDITION: If shipper is OCONUS, country code is required. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.		ID	2/3	1	420 O	1	12	1	N1	N404	26	O ID	2/3
69	75	N1 SEGMENT - Diversion/Reconsignment To (TT) LOOP CONDITION: Required if shipment requires diversion/reconsignment destination.	С			1	390 O At least on If either N1						ner is re	equired.	
69-01	75	Diversion/Reconsignment (TT) To Qualifier Location that shipment is diverted/reconsigned to. TT - Transfer To	М	ID	2/2	1	390 O	1	12	1	N1	N101	98	M ID	2/3
69-02	75	Diversion/Reconsignment (TT) To City Carry the city name that pertains to the SPLC.	М	AN	2/19	1	390 O	1	12	1	N1	N102	93	C Al	N 1/60

		DoD INFORMATION				X12	SEGN	/ENT	INFC	RMA	TION				EMENT WATION
Index	DG	Data Name Notes and Codes			commended ributes	Tabl	Pos		Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE #	Attributes
70	75	N4 SEGMENT - Diversion/Reconsignment To Country Code (TT) C SEGMENT CONDITION: If shipment is CONUS, SPLC is required. If OCONUS, country code is required.				1	420		1 resent,	12 then N	1 N405 is	N1 s requ	ired.		
70-04	75	Country Code ELEMENT CONDITION: If diversion/reconsignment is OCONUS, country code is required. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.	C	ID	2/3	1	420	0	1	12	1	N1	N404	26	O ID 2/3
70-05	75	Diversion/Reconsignment (TT) To SPLC Qualifier Required if N406 is used. SL - U.S. SPLC	С	ID	2/2	1	420	0	1	12	1	N1	N405	309	C ID 1/2
70-06	75	Diversion/Reconsignment (TT) To SPLC	С	AN	9/9	1	420	0	1	12	1	N1	N406	310	O AN 1/30
71	76	N1 SEGMENT - Diversion/Reconsignment From (T4) LOOP CONDITION: DG 76 required if shipment requires diversion/reconsignment destination.	С			1		st one		12 02 or N 104 is			ired. en the oth	er is red	quired.
71-01	76	Diversion/Reconsignment (T4) From Qualifier T4 - Transfer Point	M	ID	2/2	1	390	0	1	12	1	N1	N101	98	M ID 2/3
71-02	76	Diversion/Reconsignment (T4) From Location that shipment was diverted/reconsigned from. Carry the city name that pertains to the SPLC.	M	AN	1/19	1	390	0	1	12	1	N1	N102	93	C AN 1/60
72	76	N4 SEGMENT - Diversion/Reconsignment (T4)	С			1	420	0	1	12	1	N1			

		SEGMENT CONDITION: Required if diversion/reconsignment SPLC applies.					If N406 is	presen	t, then	N405	is requ	uired.			
72.05	76	Diversion/December /TA\ From CDI C Qualifier		ID	2/2	1	420.0		10		N1	N405	200	C ID	1/2
72-05	76	Diversion/Reconsignment (T4) From SPLC Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) SL - U.S. SPLC	М	טו	2/2	'	420 O	'	12	ı	INT	N405	309	C ID	1/2
72-06	76	Diversion/Reconsignment (T4) From SPLC	М	AN	9/9	1	420 O	1	12	1	N1	N406	310	O Al	N 1/30
73	77	N1 SEGMENT - Bill Charges To (PO)	M			1	390 O At least or If either N						ner is re	quired.	

		DoD INFORMATION)	(12 SE	GMENT I	NFORMAT	ΓΙΟΝ		х	12 ELEM	IENT IN	NFORM	ATION
Index	DG	Data Name Notes and Codes	Do		mmended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
73-01	77	Bill Charges To (PO) Qualifier PO - Party to Receive Invoice for Goods or Services	М	ID	2/2	1	390	0	1	12	1	N1	N101	98	М	ID	2/3
73-02	77	Bill Charges To (PO)	С	AN	1/35	1	390	0	1	12	1	N1	N102	93	С	AN	1/60
73-03	77	Bill Charges To (PO) DoDAAC/CAGE/MAPAC Qualifier C ID code for ocean shipments. ELEMENT CONDITION: Required if N104 is used. 10 - Department of Defense Activity Address Code (DODAAC) 33 Commercial and Government Entity (CAGE) A2 - Military Assistance Program Address Code (MAPAC)		Do not ι	ise CAGE	1	390	0	1	12	1	N1	N103	66	С	ID	1/2
73-04	77	Bill Charges To (PO) DoDAAC/CAGE/MAPAC	С	AN	5/6	1	identific	cation. To	obtain thi	•	the "ID C	ode" (N1	N104 nethod of pro (04) must pro			AN nal	2/80
74	77	N2 SEGMENT - Bill Charges To (PO) SEGMENT CONDITION: Use if additional name is required for are billed. If available provide additional name to accommodate trail identify activities by DoDAAC/CAGE/MAPAC.				1	400	0	2	12	1	N1					
74-01	77	Additional Name (PO)	М	AN	1/35	1	400	0	2	12	1	N1	N201	93	М	AN	1/60
75	77	N3 SEGMENT - Bill Charges To (PO) SEGMENT CONDITION: Use if street address is required for are billed. f available provide street address to accommodate tradicidentify activities by DoDAAC/CAGE/MAPAC.			· ·	1	410	0	2	12	1	N1					

75-01	77	Street (PO)	М	AN	1/35	1	410	0	2	12	1	N1	N301	166	М	AN	1/55
75-02	77	Additional Addressing Information	С	AN	1/35	1	410	0	2	12	1	N1	N302	166	0	AN	1/55
76	77	N4 SEGMENT - Bill Charges To (PO)	С			1	420	0	1	12	1	N1					
		SEGMENT CONDITION: Use if city is required for party to $\ensuremath{\mathbf{w}}$ If	hom c	harges a	re billed.		If N406	is prese	ent, then	N405 is req	uired.						
		available provide city, state, and ZIP to accommodate trading identify activities by DoDAAC/CAGE/MAPAC.	partne	rs that ca	annot												
76-01	77	City (PO)	С	AN	2/19	1	420	0	1	12	1	N1	N401	19	0	AN	2/30
							A comb		of either N	N401 throug	h N 404,	or N405 a	and N406 ma	y be adequa	te to sp	ecify a	

		DoD INFORMATION					X12	SEGN	IENT II	NFORM	IATION	l	X12 EL	EMEN ⁻	T INF	ORMA	TION
Index	DG	Data Name Notes and Codes			ommended	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attr	ibutes
76-02	77	State (PO)	С	ID	2/2	1	420	0	1	12	1	N1	N402	156	0	ID	2/2
		SOURCE: National Zip Code and Post Office Directory available from U.S. National Information Data Center	Posta	I Service				N40:	2 is requ	iired onl	y if city r	name (N	N401) is in th	ne U.S. o	or Car	nada.	
76-03	77	ZIP Code/Postal Code (PO) SOURCE: National ZIP Code and Post Office Directory, Publication 65 avail U.S Postal Service; The USPS Domestic Mail Manual available from New Order of Documents			3/15	1	420	0	1	12	1	N1	N403	116	0	ID	3/15
77	78	N1 SEGMENT - Issuing Office (IU)	M			1				12 or N103 04 is pre			other is requi	red.			
77-01	78	Issuing Office (IU) Name Qualifier IU - Issuer	М	ID	2/2	1	390	0	1	12	1	N1	N101	98	М	ID	2/3
77-02	78	Issuing Office (IU) Name	М	AN	1/35	1	390	0	1	12	1	N1	N102	93	С	AN	1/60
78	78	N2 SEGMENT - Issuing Office (IU) SEGMENT CONDITION: Use if additional name is required for issuing office	С э.			1	400	0	2	12	1	N1					
78-01	78	Additional Name (IU)	М	AN	1/35	1	400	0	2	12	1	N1	N201	93	М	AN	1/60
79	78	N3 SEGMENT - Issuing Office (IU) SEGMENT CONDITION: Use if street address is required for issuing office.	С			1	410	0	2	12	1	N1					
79-01	78	Street (IU)	М	AN	1/35	1	410	0	2	12	1	N1	N301	166	М	AN	1/55
79-02	78	Additional Addressing Information	С	AN	1/35	1	410	0	2	12	1	N1	N302	166	0	AN	1/55
80	78	N4 SEGMENT - Issuing Office (IU)	С			1	420	0	1	12	1	N1					

		SEGMENT CONDITION: Use if Issuing Office (IU) city, state, and ZIP Coo	e apply				If N40	06 is pr	esent, t	hen N405	5 is req	uired.					
80-01	78	City (IU)	С	AN	2/19	1	420 A con speci locati	fy a	1 on of eit	12 ther N401	1 I throug	N1 h N404	N401 , or N405 a	19 and N406	O may b	AN e adeq	2/30 uate to
80-02	78	State (IU) SOURCE: National Zip Code and Post Office Directory available from U.S National Information Data Center	C . Postal	ID Service	2/2	1	420	O N40	1 2 is req	12 uired only	1 y if city	N1 name (l	N402 N401) is in	156 the U.S.	O or Car	ID ada.	2/2

		Dod Information)	X12 SE	GMENT I	NFORMA	TION		х	(12 ELEM	ENT IN	IFORM.	ATION
Index	DG	Data Name Notes and Codes	Do		ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		At	ributes
80-03	78	ZIP Code/Postal Code (IU) SOURCE: National ZIP Code and Post Office Directory, F from U.S Postal Service; The USPS Domestic Mail Manual availa Superintendent of Documents				1	420	0	1	12	1	N1	N403	116	0	ID	3/15
80-05	78	Issuing Office (IU) GBLOC Qualifier SOURCE: Defense Traffic Management Regulation Government Bill of Lading Codes available from Military Traffic Management BL - Government Bill of Lading Office Code (GBLOC)				1	420	0	1	12	1	N1	N405	309	С	ID	1/2
80-06	78	Issuing Office (IU) GBLOC This element must contain a valid GBLOC. Do not use 'IO	M Oľ.	AN	4/4	1	420	0	1	12	1	N1	N406	310	0	AN	1/30
81	78	PER SEGMENT - Name of Issuing Officer (IU) SEGMENT CONDITION: Use if name of issuing officer is	C	d.		1	If eithe	r PER05	or PER06	is present, is present, is present,	then the	other is re	equired.				
81-01	78	Name of Issuing Officer Qualifier IO - Issuing Officer	М	ID	2/2	1	440	0	3	12	1	N1	PER01	366	M	ID	2/2
81-02	78	Name of Issuing Officer	М	AN	1/35	1	440	0	3	12	1	N1	PER02	93	0	AN	1/60
82	79	N1 SEGMENT - FOB Point (KX) LOOP CONDITION: Use if FOB point applies.	С			1				12 103 is requi		N1 er is requi	red.				
82-01	79	FOB Point (KX) Qualifier KX - Free on Board Point	M	ID	2/2	1	390	0	1	12	1	N1	N101	98	М	ID	2/3

82-02	79	FOB Point (KX) Carry actual FOB point name in this data element.	М	AN	1/35	1	390	0	1	12	1	N1	N102	93	С	AN	1/60
83	79	N4 SEGMENT - FOB Point	С			1	420	0	1	12	1	N1					
		SEGMENT CONDITION: Use if FOB point applies.					If N406	is pres	ent, then I	N405 is red	uired.						
83-01	79	FOB Point (City) Named In Contract	С	AN	2/19	1	420 A comb		1 of either N	12 N401 throug	1 gh N404,	N1 or N405 a	N401 nd N406 may	19 / be adequat	O e to spe	AN cify a	2/30
83-02	79	FOB Point (State) Named In Contract SOURCE: National Zip Code and Post Office Direct Service National Information Data Center	C tory av	ID ailable fr	2/2 om U.S. Posta	1	420 N402 i	O s require	1 ed only if o	12 city name (l	1 N401) is i	N1 n the U.S.	N402 or Canada.	156	0	ID	2/2

		DoD INFORMATION					X12 S	SEGM	ENT IN	IFORM	ATIO	N		X12 E			
Index	DG	Data Name Notes and Codes		DoD Recom		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	butes
83-05	79	FOB SPLC Qualifier ELEMENT CONDITION: Required if N406 is used. SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Governating Codes available from Military Traffic Management Command (MTMC) SL - U.S. SPLC	C rnment I	ID Bill of	1/2	1	420	0	1	12	1	N1	N405	309	С	ID	1/2
83-06	79	FOB SPLC	С	AN	9/9	1	420	0	1	12	1	N1	N406	310	0	AN	1/30
84	80	S5 SEGMENT - Stop Data LOOP CONDITION: DG 80 required if the shipment requires inside pickup, inside objective service supply deliveries. The S5 loop must occur for each unique action that occurs at an enroute location pickup and delivery action are performed at the same enroute location, the S5 loccur once for the pickup, and once for the delivery. The origin address is not in in this loop. The split pickup and split delivery addresses are included in this loop. For example, if a shipment makes a stop location and unloads an item, then mo inside address and unloads and loads an item, three actions have affected the stat two locations. Consequently, the 858 must contain three S5 loops, one for ear action.	on. If a cop mus cluded p. oves to a shipmen	t n		1	If eith	er S508 er	5 or S50)6 is pre	sent, th	nen the	other is red	•			
84-01	80	Stop Sequence Number If the shipment stops enroute to the final destination, enter the sequence number stop location here. This sequence number needs to appear in the 100 Detail - Li Header Information Loop with each commodity that is picked up and/or delivered stop. [T_9 D-14 72/73]	ine Item		1/2	1	450	0	1	999	1	S5	S501	165	М	N0	1/3
84-02	80	Stop Reason Code LD - Load UL - Unload	M	ID	2/2	1	450	0	1	999	1	S5	S502	163	М	ID	2/2

84-10	80	Stop SPLC Code	С	ID	9/9	1	450	0	1	999	1	S5	S510	154	0	ID	6/9
		Nine-digit SPLCs are required for costing of all shipments except by ocean. SF	PLC not														
		used OCONUS.															
		SOURCE: Continental Directory of Standard Point Location Codes (SPLC) available.	ailable from														
		National Motor Freight Traffic Association, Inc.															
84-11	80	Stop Accomplish Code	С	ID	1/1	1	450	0	1	999	1	S5	S511	190	0	ID	1/1
		A - Accomplished															
		P - Pending															

		Dod Information					X′	12 SEG	MENT I	NFORMA	TION		X1:	2 ELEME	NT IN	IFORM/	ATION
Index	DG	Data Name Notes and Codes	Dol		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	butes
85	80	G62 SEGMENT - Stop Arrival/Departure Times SEGMENT CONDITION: Required if stop/pickup applies.	С			1	If either	G6201	or G6202	999 G6203 is re is present, is present,	then the		•	•	•		
85-01	80	Stop Date(s) Qualifier 69 - Scheduled Pick-Up Date 70 - Scheduled Delivery Date	М	ID	2/2	1	460	0	6	999	1	S5	G6201	432	С	ID	2/2
85-02	80	Stop Date(s) Use to satisfy claims and discrepancies. Scheduled date on which s	M stop w	DT rill occur.	8/8	1	460	0	6	999	1	S5	G6202	373	С	DT	8/8
85-03	80	Stop Arrival/Departure Times Qualifier ELEMENT CONDITION: Required if G6204 is used. 8 - Actual Pickup Time 9 - Actual Delivery Time	С	ID	1/1	1	460	0	6	999	1	S5	G6203	176	С	ID	1/2
		A - Actual Departure Time															
85-04	80	Stop Arrival/Departure Times Scheduled time at which stop will occur. Use time format HHMM.	С	TM	4/4	1	460	0	6	999	1	S5	G6204	337	С	TM	4/8
86	80	N1 SEGMENT - Stop Name of Party to Receive Shipment	М			1				5 V103 is requ present, the		N1 ner is rec	uired.				
86-01	80	Stop Name Of Party To Receive Shipment Qualifier LP - Loading Party	M	ID	2/2	1	490	0	1	5	2	N1	N101	98	M	ID	2/3
		UP - Unloading Party															

86-02	80	Stop Name Of Party To Receive Shipment ELEMENT CONDITION: If stop DoDAAC/CAGE/MAPAC is unavailated (N104='XXXXXXX'), then the	C ble	AN	1/35	1	490	0	1	5	2	N1	N102	93	С	AN	1/60
86-03	80	Clear text name of the stop is required. Stop DoDAAC/CAGE/MAPAC Qualifier Do not use CAGE code for ocean shipments. 10 - Department of Defense Activity Address Code (DODAAC)	M	ID	2/2	1	490	0	1	5	2	N1	N103	66	С	ID	1/2
		33 Commercial and Government Entity (CAGE)															
		A2 - Military Assistance Program Address Code (MAPAC)															

		DoD INFORMATION					X12 S	SEGME	ENT IN	FORM	ATION	١		X12 E			
Index	DG	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	butes
86-0	4 80	Stop DoDAAC/CAGE/MAPAC	М	AN	5/6	1	490	0	1	5	2	N1	N104	67	С	AN	2/80
		If stop DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XXXXXX' and the complet text name and address of the stop is required. [T_9 D-14 74/79]	e clea	ar			organi identif the	izationa ication.	l To obta	in this e	fficienc	by the "	ost efficient ID Code" (N		-	_	
87		80 N2 SEGMENT - Stop Name of Party to Receive Shipment SEGMENT CONDITION: Use if stop name of party to receive shipment applies.	С			1	500	0	2	5	2	N1					
87-0)1 80	Additional Name	М	AN	1/35	1	500	0	2	5	2	N1	N201	93	М	AN	1/60
88	,	80 N3 SEGMENT - Stops SEGMENT CONDITION: Use if stop street address of party to receive shipment applie	C s.			1	510	0	2	5	2	N1					
88-0	1 80	Street	M	AN	1/35	1	510	0	2	5	2	N1	N301	166	М	AN	1/55
88	-02 8	0 Additional Addressing Information	С	AN	1/35	1	510	0	2	5	2	N1	N302	166	0	AN	1/55
89		BO N4 SEGMENT - Stops	С			1	520	0	1	5	2	N1					
		SEGMENT CONDITION: Use if stop city/state of party to receive shipment applies.					If N40	6 is pre	sent, the	en N405	is req	uired.					
89-0	1 80	City	С	AN	2/19	1	520	0	1	5	2	N1	N401	19	0	AN	2/30
							A com specif	у а	n of eith	er N401	throug	jh N40₄	4, or N405	and N40)6 ma	y be a	dequate to
89-0	2 80	State	С	ID	2/2	1	520	0	1	5	2	N1	N402	156	0	ID	2/2

Also use for province if shipment is Canadian. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Se National Information Data Center	rvice				N402	is requ	uired on	ly if city	name (N401) i	s in the U.	S. or Ca	nada.		
89-03 80 Stop ZIP Code/Postal Code	С	ID	3/15	1	520	0	1	5	2	N1	N403	116	0	ID	3/15
SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from	U.S														
Postal															
Service; The USPS Domestic Mail Manual available f	rom Nev	w Orders	Superintendent												
			of Documents												
89-04 80 Country Code	С	ID	2/3	1	520	0	1	5	2	N1	N404	26	0	ID	2/3
ELEMENT CONDITION: If stop is OCONUS, country code is required.															
SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Nar	nes, and	t													
Codes (GENC), is represented in the National System for Geospatial Intelligence (NS	(G)														
GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_[OD.htn	١.													
Codes for Representation of Currencies and Funds, ISO 4217, is available from Ame	rican														
National Standards Institute.															

		DoD INFORMATION				X12	SEGN	IENT IN	IFORM	ATION		X12 EL	EMENT	INFC	RMA	TION	
Index	DG	Data Name Notes and Codes	otes and Codes PER SEGMENT - Stop Communication Numbers C									Lp ID	Ref Des	DE#		Attri	butes
90	80	PER SEGMENT - Stop Communication Numbers	С			1	540	0	3	5	2	N1		•			
		SEGMENT CONDITION: Use if stop communication numbers apply.					If eith	er 5 or PE	R06 is p	resent,	then the	other is	e other is re s required. e other is re				
90-01	80	Stop Communication Numbers Qualifier IC - Information Contact	М	ID	2/2	1	540	0	3	5	2	N1	PER01	366	M	ID	2/2
90-03	80	Stop Communication Numbers Contact Qualifier IT - International Telephone	М	ID	2/2	1	540	0	3	5	2	N1	PER03	365	С	ID	2/2
		TE - Telephone															
90-04	80	Stop Communication Numbers Contact	М	AN	7/21	1	540	0	3	5	2	N1	PER04	364	С	AN	1/80
91	10	FA1 SEGMENT - Appropriation	С			1	550	0	1	> 1	1	FA1					
		LOOP CONDITION: Carriers do not need to receive appropriation data. This appropriation number loop. It calls for both FA1 and FA2 segments. Shipper's receiving, storing, and sending structured DoD appropriation numbers may us those numbers with trading partners. If there is only one Transportation Accounting Code or Line of Accounting at the level, then it applies to all shipments in that container. If there is TAC/LOA at the header level, and some of the line items in the container have their own TACs some do not, use the TACs/LOAs at the line item level for those specific shipting default to the header TAC/LOA for all others. If there is an invalid TAC/LOA or line item we will use the header TAC/LOA.	system se this the heather s/LOAs ments	s that are loop to ex ader and	capable of												
91-01	10	Agency Qualifier Code	М	ID	2/2	1	550	0	1	>1	1	FA1	FA101	559	М	ID	2/2
		Code identifying the agency assigning the code values. DF - Department of Defense (DoD) DN - Department of the Navy					FA10 ² inform		fies the o	rganiza	tion con	trolling t	the assignm	ent of fir	nancial	accour	nting

DX - United										
States Marine Corps										
DY - Department of Air Force										
DZ - Department of										
Army										
HS - Department of Health and Human Services										
<i>Use 'HS' to denote Department of Homeland Security/US Coast Guard (DHS/USCG).</i>										
92 10 FA2 SEGMENT - Appropriation Breakdown Structure M This segment is MANDATORY if and only if the FA1 SEGMENT - Appropriation segment is used. Otherwise, this segment may not be used.	560 N	M > 1	>1	1	FA1					
92-01 10 Breakdown Structure Detail Code M ID 2/2 1 See Section 6 for list of data values.	560 N	M >1	>1	1	FA1	FA201	1196	М	ID	2/2

		DoD INFORMATION					X1	12 SEG	MENT II	NFORM <i>A</i>	ATION		X12	2 ELEME	NT IN	FORM	ATION
Index	DG	Data Name Notes and Codes			ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attr	butes
92-02	10	Financial Information Code When FA201 contains code value '84', FA202 should be formatted as including a decimal character and two positions after the decimal, reven if the value is a whole dollar amount.				1	560	М	>1	>1	1	FA1	FA202	1195	M	AN	1/80
93	10	L10 SEGMENT - Appropriation Weight This segment is MANDATORY if and only if the FA1 SEGMENT - Ap used. Otherwise, this segment may not be used.	M propri	ation segm	nent is	1	570	0	1	> 1	1	FA1					
93-01	10	Weight Entry may contain a decimal; if not, decimal is assumed at right-mos field.	M t point	R t of the	1/8	1	570	0	1	>1	1	FA1	L1001	81	М	R	1/10
93-02	10	Weight Qualifier N - Actual Net Weight	М	ID	1/1	1	570	0	1	>1	1	FA1	L1002	187	М	ID	1/2
93-03	10	Weight Unit Code E - Metric Ton	М	ID	1/1	1	570	0	1	>1	1	FA1	L1003	188	0	ID	1/1
		G - Grams															
		K - Kilograms															
		L - Pounds M - Measurement Ton															
		O - Ounces															
		S - Short Ton															
		T - Long Ton															

94	100 HL SEGMENT - Line Item Detail	M			2	010	М	1	> 1	1	HL					
						structu line-ite	ire, sucl	n as rela	ting line-it	em data	to shipm	il informatior nent data, ar lered structu	id packagin			
94-01	100 Detail - Line Item Description Loop Use the value '1' for the first HL loop and increment by 1 regardless of usage of the HL loop. An HL Line Item Deseach DG 100. A shipment unit is identified by a single Tr (TCN). Each commodity description cites the TCN it is g cite multiple commodities. DG 100, commodity header in (NMFC, UFC, DoD unique). The commodity detail information in the L0 loop. There can be multiple type packs per line item.	scription Loop is ger ansportation Contro rouped under. A shi nformation, describe	nerated for Number property under the property of the property	or r it may mmodity	2	the tra occurre initial I	nsaction	n set. Fo If the HL nent and	r example segment,	e, HL01 in which	could be h case th	HL01 er for each o used to indic e value of H one in each	cate the nun	mber of pe "1" fo	or the	

		DoD INFORMATION)	(12 SEG	MENT IN	IFORMAT	ION		X1	2 ELEME	NT IN	FORMA	TION
Index	DG	Data Name Notes and Codes			commended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	butes
94-03	10	00 Hierarchical Level Code This code identifies the Line Item Description Loop. I - Item	М	ID	1/1	2	segmer up to th used to	nt e next oc indicate t	currence o	f an HL seg	ment in the	ne transa e HL loo _l	HL03 Diving the current of the curr	ample, HL0		ID	1/2
95		100 N7 SEGMENT - Primary Equipment Identifier SEGMENT CONDITION: This segment is required in the lin moves on multiple pieces of primary equipment. Use this se item with the primary equipment on which it is conveyed. As identified in N7 segment, DataGroup 60.	ciate the line	2	If either	N705 or	N716 is pre	> 1 esent, then esent, then esent, then	the other	is requir	ed.						
95-01	10	00 Primary Equipment Initials This data element satisfies in transit visibility requirements f shipments. It describes initials of the furnished primary equi commodity is conveyed. SOURCE: IATA Unit Load Devices Manual available from In Association [T_2 9/12]	hich the	2	020 N701 is	O mandato	1 ry for rail tı	>1 ransactions		HL	N701	206	0	AN	1/4		
95-02	10	00 Primary Equipment Numbers This data element satisfies in transit visibility requirements f shipments. It describes numbers on the furnished primary e the commodity is conveyed. [T_4 9/14]				2	020	0	1	>1	1	HL	N702	207	М	AN	1/10
96	100	NA SEGMENT - Shipper Equipment C Num	ber	s		2	030	0	1	> 1	1	HL					

IRA	NSPORTATION EDI CONVENTION				-										858.R.004010
	SEGMENT CONDITION: This segment required to equipment	indicate th	e mappir	ng for shipper	If NA	√01 is pres	ent, then I	NA02 is req	uired.						
	numbers when applicable. Shipper equipment is that	equipment/	vehicle w	hich is											
	supplied/owned by the shipper. This includes DROMs	, containers	s, and var	ıs.											
	Shipper owned vehicles, like trucks, jeeps, and tanks,	are identifi	ed using	a different											
	mapping of the NA segment in the HL Line Item Desci	ription Loop	. See the	following											
	occurrence of the NA segment for mapping of vehicles	s information	n.	_											
96-03	100 Shipper Equipment Initials	М	AN	4/4	2 030	0	1	>1	1	HL	NA03	206	М	AN	1/4
	DODV - DoD Van and Conta	iner													
	2021 202 14114114 301110				ΝΔΩ	3 contains	the equin	ment initial	of an ass	ociated sl	hipment and i	is required l	hv rail		
	DROM - Dromedary Equipm	nent						or van or NC			inpinent and	is required i	by raii.		
	Ditom - Dionedary Equipm	ICIIL			ii uii	KIIOWII, US	e NONZ IC	or vali of inc	JINO IOI C	ontainei.					
96-04	100 Shipper Equipment Numbers	M	AN	1/10	2 030	0	1	>1	1	HL	NA04	207	М	AN	1/10
	Use for Initials and Serial Number of the Shipper Own	ed Contain	ers/DROI	Ms											
		ou ooman	0.0,2.10.		NAC	4 contains	the equip	ment numb	er of an a	associated	d shipment.				
97	100 NA SEGMENT - Military Vehicle	С			2 030	0	1	> 1	1	HL					
	Identification														
	SEGMENT CONDITION: This segment required to owned	indicate th	ne mappi	ng for shipper	If NA	N01 is pres	ent, then I	NA02 is req	uired.						
	vehicles when applicable. This includes cars, jeeps, ta	anks, and tr	ucks. See	the previous											
	occurrence of the NA segment for mapping of shipper	equipment	informati	on. The model											
I	number maps to NTE SEGMENT - Vehicle Model Nur	nber													

		Dod Information					Х	12 SEC	SMENT I	NFORMA	ΓΙΟΝ		х	12 ELEM	ENT IN	IFORM/	ATION
Index	DG	Data Name Notes and Codes	DoD		nmended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Att	ributes
97-01	100	Military Vehicle Identification/Serial Number Qualifier ELEMENT CONDITION: Required if NA02 is used. SE - Serial Number VT - Motor Vehicle ID Number	С	ID	2/2	2	030	0	1	>1	1	HL	NA01	128	0	ID	2/3
97-02	100	Military Vehicle Identification/Serial Number C AN 1/30 Us vehicles being moved.	se VI	N to d	escribe the	2	030	0	1	>1	1	HL	NA02	127	С	AN	1/30
97-03	100	Military Vehicle Initials (Filler) NONX - Vehicle	М	AN	4/4	2				>1 nent initial o			NA03	206 required by	M rail.	AN	1/4
97-04	100	Military Vehicle Bumper Number Use 'NONE' if bumper number is unavailable.	М	AN	1/10	2	030 NA04 c	O ontains t	1 he equipm	>1 nent numbe	1 r of an ass	HL sociated s	NA04	207	М	AN	1/10
98	100	M7 SEGMENT - Seals SEGMENT CONDITION: Required when seals are applied.	С			2	040	0	5	> 1	1	HL					
98-01	100	Seals On Shipper Owned Equipment Use to describe seal applied to equipment (Containers, DRC shipper. [T_9 D-13 66/73]		AN owned	2/15 I by the	2	040	0	5	>1	1	HL	M701	225	М	AN	2/15
99	100	N9 SEGMENT - Requisition Number SEGMENT CONDITION: Required if available.	С			2	100	0	10				r N903 is requ n N905 is requ				
99-01	100	Requisition Number Qualifier RQ - Purchase Requisition Number	М	ID	2/2	2	100	0	10	>1	1	HL	N901	128	М	ID	2/3

99-02	100	Requisition Number	М	AN	14/17	2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
		The requisition number which corresponds to the line item	is car	ried in	this data												
		element.															
		[T_9 D-13 78/79]															
100	100	N9 SEGMENT - Shipment Unit Contract	C Nui	mber		2	100	0	10	> 1	1	HL					
		SEGMENT CONDITION: Use this segment if the contract the shipment unit is available.	numb	oer use	ed to purchase								or N903 is ree n N905 is re	•			

		DoD INFORMATION					X12	SEGMI	ENT INF	ORMATIO	ON		X.	12 ELEME	ENT IN	IFORM	ATION
Index	DG	Data Name Notes and Codes	Do		mmended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
100-01	100	Authority Number (Contract) Qualifier The contract number qualifier which corresponds to the shipme CT - Contract Number	M nt un	ID iit.	2/2	2	100	0	10	>1	1	HL	N901	128	М	ID	2/3
100-02	100	Authority Number (Contract) The contract number which corresponds to the shipment unit.	М	AN	1/30	2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
100-04	100	Authority Number (Contract) Date The contract number date which corresponds to the shipment u	C ınit.	DT	8/8	2	100	0	10	>1	1	HL	N904	373	0	DT	8/8
		SEGMENT CONDITION: Use this segment if the purchase of purchase the shipment unit is available.			If N906	is prese	ent, then	N903 is requ									
101-01	100	Authority Number (PO) Qualifier The purchase order number qualifier which corresponds to the PO - Purchase Order Number	M shipr	ID ment uni	2/2 t.	2	100	0	10	>1	1	HL	N901	128	М	ID	2/3
101-02	100	Authority Number (PO) The purchase order number which corresponds to the shipmen	M t unit	AN	1/30	2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
101-04	100	Authority Number (PO) Date The purchase order number date which corresponds to the ship	C omen	DT t unit.	8/8	2	100	0	10	>1	1	HL	N904	373	0	DT	8/8
102	100	N9 SEGMENT - TCN	М			2				> 1 N903 is requ N905 is req		HL					
102-01	100	TCN Qualifier TG - Transportation Control Number (TCN)	М	ID	2/2	2	100	0	10	>1	1	HL	N901	128	М	ID	2/3

102-02	100	TCN - Transportation Control Number	М	AN	17/17	2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
		Every line item (HL Line Item Description Loop) should identify	the 7	CN with	which it is												
		associated.															
		[T_9 D-13 78/79]															
102-07		Transportation Tracking Number (TTN)	С	CE		2	100	0	10	> 1	1	HL	N907	C040	0	CE	
		Composite															
		Header															
		COMPOSITE CONDITION: Required for unit move cargo w Number is	hen T	Гransport	ation Tracking	3							is required. is required.				
		applicable.															

		DoD INFORMATION				X12	SEG	MEN	TINFO	ORMA	TION				EMENT MATION	
Index	DG	Data Name Notes and Codes			commended tributes	Tabl	Pos	Req Des		Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#	Attri	butes
102-07-01		Transportation Tracking Number (TTN) Qualifier 18 - Plan Number	М	ID	2/2	2	100	0	10	>1	1	HL	C04001	128	M ID	2/3
		<i>Use '18' to denote Transportation Tracking Number (TTN).</i>														
102-07-02		Transportation Tracking Number (TTN).	М	AN	17/17	2	100	0	10	>1	1	HL	C04002	127	M AN	1/30
103		100 N9 SEGMENT - National Stock No./Manufacturer's				2	100	0	10	> 1	1	HL				
Part		C No.														
		SEGMENT CONDITION: Required if available.							e of N90 resent,							
103-01	1	00 National Stock No./Manufacturer's Part No. Qualifier This qualifier must appear if NSN is used. Use Manufacturer's Part Number if NSN is not available. HS - Harmonized Code System (Canada)	M	ID	2/2	2	100	0	10	>1	1	HL	N901	128	M ID	2/3
		JY - Origin of Shipment Harmonized-Based Code														
		LY - Destination of Shipment Harmonized-Based Code														
		MF - Manufacturers Part Number														
		NS - National Stock Number														
103-02	1	00 National Stock No./Manufacturer's Part No. [T_9 D-13 78/79]	М	AN	1/30	2	100	0	10	>1	1	HL	N902	127	C AN	1/30
104	1	00 N9 SEGMENT - Project Code	С			2	100	0	10	> 1	1	HL				
		SEGMENT CONDITION: Required if project code is used.							e of N90 resent,							

1110-1110	ONTATION EDI CONVENTION				1								000.1	1.00-010
104-01	100 Project Code Qualifier P4 - Project Code	M	ID	2/2	2	100 O	10	>1	1	HL	N901	128	M ID	2/3
104-02	100 Project Code [T_9 D-13 78/79]	М	AN	1/3	2	100 O	10	>1	1	HL	N902	127	C AN	1/30
105 Cross-Re	100 N9 SEGMENT - Stop Sequence Number ference C				2	100 O At least or If N906 is		902 or N	1903 i					
105-01	100 Stop Sequence Number Cross-Reference Qualifier QN - Stop Sequence Number	М	ID	2/2	2	100 O	10	>1	1	HL	N901	128	M ID	2/3

		DoD INFORMATION					K12 SI	EGME	NT IN	FORM	MATIO	N			EMENT	
Index	DG	Data Name Notes and Codes			ecommended ttributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#	Attri	butes
105-02	10	On Stop Sequence Number Cross-Reference If stops apply to a shipment, a line item is identified with a stop by carrying the sequence number of the stop address in this data element. That sequence number are in the S5 segment in the header area of the transaction set. [T_9 D-13 78/79]	M opears	N0	1/2	2	100	0	10	>1	1	HL	N902	127	C AN	1/30
106		100 N9 SEGMENT - External Tracking Number (XTN) SEGMENT CONDITION: Use for USML shipments. U.S. Customs' Automated Export this number.	C Syste	m uses		2		O st one 06 is pre			903 is ı	•				
106-01	10	00 Reference Identification Qualifier ED - Export Declaration	M	ID	2/2	2	100	0	10	>1	1	HL	N901	128	M ID	2/3
106-02	10	0 Reference Identification Use shipper DoDAAC plus TCN.	М	AN	23/23	2	100	0	10	>1	1	HL	N902	127	C AN	1/30
107	1	100 N9 SEGMENT - LIN Index Number SEGMENT CONDITION: Use for Army Unit moves.	С			2		O st one 06 is pro				•				
107-01	10	0 LIN Index Number Qualifier BCI - Basic Contract Line Item Number	M	ID	3/3	2	100	0	10	>1	1	HL	N901	128	M ID	2/3
107-02	100	D LIN Index Number [T_9 D-13 78/79]	M	AN	2/2	2	100	0	10	>1	1	HL	N902	127	C AN	1/30
108	1	100 N9 SEGMENT - Line Item Number SEGMENT CONDITION: Use for Army Unit moves.	С			2		O est one 06 is pre				•				

108-01	100 Line Item Number Qualifier LI - Line Item Identifier (Seller's)	М	ID	2/2	2	100 O	10	>1	1	HL	N901	128	M ID	2/3
108-02	100 Line Item Number [T_9 D-13 78/79]	М	AN	1/6	2	100 O	10	>1	1	HL	N902	127	C AN	1/30
109	100 N9 SEGMENT - Controlled Inventory Item Code)			2	100 O	10	> 1	1	HL				
	(CIIC) C SEGMENT CONDITION: Required if the Defense Transportation Trace required and if DoD-controlled item has a CIIC assigned.	cking System (DTTS) i	s			At least or If N906 is								

		Dod Information					X12	SEGM	ENT INF	ORMATIC	ON		X.	12 ELEM	ENT II	NFORM	ATION
Index	DG	Data Name Notes and Codes	[ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
109-01	1	100 Controlled Inventory Item Code (CIIC) Qualifier M6 - Military Ordnance Security Risk Number	M	ID	2/2	2	100	0	10	>1	1	HL	N901	128	M	ID	2/3
109-02	10	<i>Vise 'M6' to denote Controlled Inventory Item Code (CIIC). 00 Controlled Inventory Item Code (CIIC) SOURCE: DoD 4100.39-M (FLIS Manual) Volume 10, Table 6 [T_9 D-13 78/79]</i>	М	AN	1/1	2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
110	100	N9 SEGMENT - DoD Identification Code C (DoDIC SEGMENT CONDITION: Required for DTTS if the hazardous ammunition.	•	nent conf	tains	2				> 1 1903 is requ 1905 is requ		HL					
110-01	100	DoDIC Qualifier 1I - Department of Defense Identification Code (DoDIC)	М	ID	2/2	2	100	0	10	>1	1	HL	N901	128	M	ID	2/3
110-02	100	DoDIC Required for all ammunition and explosives. Also called Navy (NALC). [T_9 D-15 67/70]	M Amm	AN unition Lo	4/4 ogistics Code	2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
111	11	00 L5 SEGMENT - Classification	M			2	If L507	' is prese	nt, then L	> 1 present, the 506 is requi present, the	ired.						
111-02	10	OD Description Of Articles Clear text description of the line item. [T_8 11/14]	С	AN	1/50	2	130 L502 r	O nay be us	10 sed to ser	>1 nd quantity i	1 nformatio	HL on as par	L502 t of the prod	79 uct descrip	O tion.	AN	1/50

TRANS	SPORTATION EDI CONVENTION															858.R.004010
111-03	100 Classification Item No. (Commodity Code)	М	AN	1/8	2	130	0	10	>1	1	HL	L503	22	С	AN	1/30
	When the sub-item number is available, provide it in the la	st two po	sitions o	f this												
	element.															
	DIC reference is applicable only when qualified with the v	alue 'I' in	the L504													
	[T_0 15/19]															

		DoD INFORMATION					X12	SEGM	ENT IN	IFORM	ATION	1	X12 ELE	MENT	INFO	ORMA	LION
Index	DG	Data Name Notes and Codes			ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attri	outes
11	1-04 1	00 Classification Item No. (Commodity Code) Qualifier A - Harmonized Tariff Schedule of the United States Annotated	М	ID	1/1	2	130	0	10	>1	1	HL	L504	23	С	ID	1/1
		D - Department of Defense Unique Codes															
		I - Milstamp AITC or Water Commodity Code															
		J - Harmonized System-Based Schedule B															
		N - National Motor Freight Classification (NMFC)															
		T - Standard Transportation Commodity Code (STCC)															
		U - Uniform Freight Classification (UFC)															
111-0	06 100	Number On Packages Use to show descriptive marks and numbers on freight.	С	AN	1/45	2	130	0	10	>1	1	HL	L506	87	С	AN	1/48
112		100 L5 SEGMENT - Privately Owned Vehicle	С			2	130	0	10	> 1	1	HL					
		SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRU	ed otherwise.		If L507	7 is pres	sent, the	en L506	is requi	red.	ther is requir						
112-0	2 100	POV Make	С	AN	1/10	2	130	0	10	>1	1	HL	L502	79	0	AN	1/50
		ELEMENT CONDITION: If this segment appears, at least one of L502 and L506 r in this segment. [T_8 11/14]	nust b	e used			L502 r	may be	used to	send qu	ıantity i	nforma	tion as part o	of the pro	oduct	descrip	tion.
112-0	06 100	Vehicle Color ELEMENT CONDITION: If this segment appears, at least one of L502 and L506 r in this segment.	C must b	AN e used	1/8	2	130	0	10	>1	1	HL	L506	87	С	AN	1/48

113	190 LH6 SEGMENT - Certification Code (49 CFR Compliance)	С			2	134	0	5	> 1	1	HL					
	SEGMENT CONDITION: Required for HAZMAT shipments.					If eith	er LH6	02 or LF	1603 is p	oresent,	then th	e other is re	quired.			
113-01	190 HAZMAT - Certifying Person (49CFR Compliance) Clear text. MANDATORY for all hazardous material shipments. SOURCE: 49 CFR 172.204	М	AN	1/35	2	134	0	5	>1	1	HL	LH601	93	0	AN	1/60
113-02	190 HAZMAT - Certification Code (49 CFR Compliance) 1 - Abbreviated Hazardous Certification	М	ID	1/1	2	134	0	5	>1	1	HL	LH602	272	С	ID	1/1
	2 - Long Form of Hazardous Certification															

		DoD INFORMATION			X1	2 SEGI	MENT IN	FORMAT	ION		X12	ELEME	NT IN	FORMA	TION		
Index	DG	Data Name DoD Re			ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attri	outes
113-03	190		DAT(shoul of Tra	ORY for al d appear ansportatio	once in	2	134	0	5	>1	1	HL	LH603	273	С	AN	1/25
113-04						2	134	0	5	>1	1	HL	LH604	273	0	AN	1/25
114	190	NTE SEGMENT - 3PL Offer Record Number SEGMENT CONDITION: Use for 3PL coordinated shipmer Required for 3PL coordinated shipments. Matches the shipper's offer record is corresponding 219 Transportation Service Request and a 220 T Response.	its ([ers that a	ppear in	2	implem	entations	s, is not m		cessable	e. The us	which, under se of the NTE s ment.				
114-01	190	3PL Offer Record Number Qualifier UPI - Updated Information <i>Vise 'UPI' to denote 3PL Offer Record Number Qualifier.</i>	M	ID	3/3	2	140	0	100	>1	1	HL	NTE01	363	0	ID	3/3
114-02	190	3PL Offer Record Number	М	AN	1/30	2	140	0	100	>1	1	HL	NTE02	352	М	AN	1/80
115	190	NTE SEGMENT - Vehicle Model Number SEGMENT CONDITION: Use to identify the model number for n Required for ocean shipments.	as applicable.	2		•	•				which, under se of the NTE s						

					be avo	ided, if a	at all possi	ible, in ar	n automa	ed enviro	onment.				
115-01 1001 Vehicle Model Number Qualifier	М	ID	3/3	2	140	0	100	>1	1	HL	NTE01	363	0	ID	3/3
EED - Equipment Description															
115-02 1001 Vehicle Model Number	М	AN	1/10	2	140	0	100	>1	1	HL	NTE02	352	М	AN	1/80
[T_9 D12 54/79]															
116 190 NTE SEGMENT - Unit Line Number	С			2	140	0	100	> 1	1	HL					
SEGMENT CONDITION: Use to identify unit line number as ap	plicabl	e.													
					The N	ΓE segn	nent permi	ts free-fo	rm inforn	nation/dat	ta which, unde	er ANSI X1	2 stand	ard	
					•						use of the NT	E segment	should	therefore	9
					be avo	ided, if a	at all possi	ible, in ar	n automa	ed enviro	onment.				
116-01 2001 Unit Line Number Qualifier	М	ID	3/3	2	140	0	100	>1	1	HL	NTE01	363	0	ID	3/3
OTN - Another Type of Number Description															

		DoD INFORMATION					X12	SEGM	ENT IN	FORMA	TION		X12 EL	EMENT	INFC	RMAT	ION
Index	DG	Data Name Notes and Codes	Do		mmended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	butes
116-0	2 2001	Unit Line Number [T_9 D-12 54/79]	М	AN	1/7	2	140	0	100	>1	1	HL	NTE02	352	М	AN	1/80
117	190	NTE SEGMENT - Transportation Tracking Account Number (TTAN)	С			2	140	0	100	> 1	1	HL					
		SEGMENT CONDITION: Required for unit move cargo when Transportation T Number is applicable.	ackii	ng Accou	unt		X12 sta	andard nentatior	ns, is not	machine	proces	sable.	on/data which The use of th environment.			it should	I therefore
117-01 Qualifier		Transportation Tracking Account Number (TTAN) M TCF - Tariff Commodity Footnotes	ID	3/3		2	140	0	100	>1	1	HL	NTE01	363	0	ID	3/3
		<i>Use 'TCF' to denote Transportation Tracking Account Number (TTAN).</i>															
117-02	190	Transportation Tracking Account Number (TTAN)	М	AN	13/13	2	140	0	100	>1	1	HL	NTE02	352	М	AN	1/80
118	190	NTE SEGMENT - Other Information SEGMENT CONDITION: For non-ocean shipments, use to indicate line item le instructions. Ocean shipments use for additional comments information or rating informatio Repeat once for each qualifier.				2	X12 sta	andard nentatior	ns, is not	machine	proces	sable.	on/data which The use of th			it should	I therefore
118-01	190	Other Information Qualifier Code Shipments by other than ocean use code value 'OTH'. Ocean shipments use of 'CIG', 'LIQ', 'ADD', and 'OCR'. ADD - Additional Information	M ode v	ID values	3/3	2	140	0	100	>1	1	HL	NTE01	363	0	ID	3/3
		CIG - Cigarette Information															

	LIQ - Liquor Information															
	OCR - Outside the Continental U.S. (OCONUS) Rating Information															
	OTH - Other Instructions															
118-02 190	Other Information Shipments by other than ocean enter clear text information related to the line as velocity management instructions. Ocean shipments enter values depend value in NTE01 as follows: With code value 'OCR' use tariff for CONUS to Hawaii/Guam Rating Information. With code value 'CIG' or 'LIQ' use cigarette or liquor info Repeat segment until all cigarette or liquor data has been entered. [T_9 D-1]	ing on	code	1/80	2	140	0	100	>1	1	HL	NTE02	352	M	AN	1/80

		DoD INFORMATION					X12 S	SEGME	NT IN	FORM	IATION	ı			EMENT	
Index	DG	Data Name Notes and Codes		DoD Recomr Attribut		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#	Att	ributes
119	120	L0 SEGMENT - Billed/Rated Quantity	М			2	145	0	1	20	2	L0				
		CHANGE NOTE: Segment condition updated per DM 1043. Repeat the L0 oversized dimensions for the same item.	loop if th	ere is more	than one set of		If either If either L009 is	er L004 er L006 er L008 es preser is pres	or L005 or L007 or nt, then ent, the	is pres is pres the oth	ent, the ent, the er is red is requi	n the of n the of quired. red.	ther is requ ther is requ ther is requ ther is requ	uired. uired.		
119-02	120	Billed/Rated Quantity A commodity is a single type of product or material. Transportation of a commod 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 describe the L0 segment in the HL Detail - Line Item Description Loop. One L0 segment each type pack under the line item. There may be many line items, i.e., HL Line Description Loop, of the same commodity. Two rules must be followed when cor L0 segment: 1) If the billed/rated quantity is expressed as freight weight, it appehere. Freight weight is the weight that line haul rate is based upon and may inclusively and dunnage weights, carried in separate MEA segments. The L004 L011 elements are not used. 2) If the billed/rated quantity is other than weight, sas barrels or gallons in the case of a pipeline shipment, it also appears here. If does not contain a decimal, decimal is assumed at right-most point of the field. I addition, the L004, L005, and L011 elements are used to carry the weight inform required. For ocean shipments, enter line item weight.	d here in occurs for Item estructing ars ude 4, L005, a such entry	an	1/8	2	145	0	1	20	2	LO	L002	220	C R	1/11
119	-03 12	0 Billed/Rated Quantity Qualifier BA - Barrels GL - Gallon	M	ID	2/2	2	145	0	1	20	2	L0	L003	221	C ID	2/2
		LB - Pound														

TRANSPORTATION EDICONVENTION													U	JO.IX.	.004010
119-04 120 Freight Weight	С	R	1/8	2	145	0	1	20	2	L0	L004	81	С	R	1/10
Freight weight of line item described in pounds only. Freight weight is	s the weight that														
line haul rate is based on and may include skid, pallet, and dunnage	weights, depending	9													
on the applicable tender. Skid, pallet, and dunnage weights are carrie	ed in separate MEA	١													
segments. Entry may contain a decimal; if not, decimal is assumed a	at right-most point o	f													
the field. See the next occurrence of the MEA segment for the weigh	t breakdown for														
packing materials. Decimals are not used for ocean shipments.															
[T_2 72/76]															
119-05 120 Freight Weight Qualifier	С	ID	1/2	2	145	0	1	20	2	L0	L005	187	С	ID	1/2
ELEMENT CONDITION: Required if L004 is used.															
See Section 6 for list of data values.															
119-06 120 Cube	М	R	1/8	2	145	0	1	20	2	L0	L006	183	С	R	1/8
Cube of line item.															
[T_7 77/80]															

		DoD INFORMATION)	(12 SE	GME	NT IN	FORM	ATIO	N	X12 E	LEMEN	NT IN	IFORI	MATION
Index	DG	Data Name Notes and Codes		DoD Recom		Tabl	Pos	Req Des		Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attril	outes
119-07	120	Cube Qualifier E - Cubic Feet	М	ID	1/1	2	145	0	1	20	2	L0	L007	184	С	ID	1/1
		G - Gallons															
		H - Hundreds of Measurement Tons															
		S - Measurement Ton															
		V - Liter															
		X - Cubic Meters															
119-08	120	Type Pack Quantity	М	N0	1/7	2	145	0	1	20	2	L0	L008	80	С	N0	1/7
		Enter the Type Pack Quantity. For ocean shipments, enter number of pieces. [T_0 68/71]					L008	is the r	number	of hand	dling u	nits of	the line it	em tend	ered t	o the o	carrier.
119-09	120	Type Pack Qualifier Code for packaging form of the lading quantity. SOURCE: Reference Section 6.0 of this IC for code values using the table that code the applicable type pack qualifier. Common code values associated with multiple definitions prevents documentation of the entire sub-set. [T_0 28/29]	M	ID	3/3	2	145	0	1	20	2	LO	L009	211	С	ID	3/3
119-10	120	O Type Pack Sub Qualifier Material used to protect lading. ELEMENT CONDITION: Use this value to identify specific MSCVAN and SEAVAN SOURCE: Reference Section 6.0 of this IC for code values using the table that cot the applicable type pack qualifier. Common code values associated with multiple definitions prevents documentation of the entire sub-set. [T_7 54/67]	•	AN urations.	2/2	2	145	0	1	20	2	LO	L010	458	0	AN	2/25

		DoD INFORMATION					Χ'	12 SEGI	MENT IN	FORMA	ΓΙΟΝ		X1:	2 ELEME	NT IN	FORMA	TION
Index	DG	Data Name Notes and Codes	Dol		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attri	butes
119-11	12	20 Freight Weight Unit Code ELEMENT CONDITION: Required if L004 is used. E - Metric Ton	С	ID	1/1	2	145	0	1	20	2	LO	L011	188	0	ID	1/1
		G - Grams															
		K - Kilograms															
		L - Pounds															
		M - Measurement Ton															
		O - Ounces															
		S - Short Ton															
		T - Long Ton															
119-13	12	20 Over-dimensional Pieces, Quantity	С	R	1/15	2	145	0	1	20	2	L0	L013	380	С	R	1/15
		Used to indicate the number of oversized pieces. If there are multi items (all the same size), send as one line item and indicate total of Required for ocean shipments when there is more than one set of the same item.	quanti	ty here.			L013 is	used to	e used if the convey the ip sheet fo	total num	ber of bo), or SLP. tons, or piece	es containe	d on a		
119-15	12	20 Oversized Item Indicator	С	ID	1/1	2	145	0	1	20	2	L0	L015	1073	С	ID	1/1
		ELEMENT CONDITION: Required if L013 is used. Required for cis more than one set of oversized dimensions for the same item. N - No Y - Yes	ocean	shipmer	nts when there	:	containe	ed on a p	allet, slip	sheet or sk	id. Code	"Y" indi	o verify the nucates that the	e carrier wil	l be		
120		L1 SEGMENT - Declared Value of Bill of C Lading e Item				2	150	0	20	20	2	LO					

TRAN	ISPORTATION EDI CONVENTION SEGMENT CONDITION: Declared value is required in processed through a foreign host nation's customs and border clearance.			it will be		At leas	st one of er L114 o	L104, L1 or L115 is	present, t 05, or L10 present, tl present, tl	06 is requ hen the c	ired. other is re	quired.			8	58.R.004010
120-04	120 Charge Code identifying the type of identification number of Depo- (DFI) 00 - Use value '00' to meet X12 syntax requirements.	M sitory Financi	N2 al Institut	1/8 ion	2	150	0	20	20	2	L0	L104	58	С	N2	1/12
120-14	120 Declared Value Enter the actual value or selling price per TCN (include tol quantity cost).	M tal bill of ladin	N2 g line ite	2/12 m	2	150	0	20	20	2	LO	L114	74	С	N2	2/12

		Dod Information					X12 SE	GMENT IN	IFORMAT	TION			X12 ELEM	ENT INF	ORMA	TION
Index	DG	Data Name Notes and Codes	Recor	DoD mmended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		At	tributes
120-15	120	O Rate/Value Qualifier CO - Cost per Unit	M ID	2/2	2	150	0	20	20	2	LO	L115	122	С	ID	2/2
		<i>Use 'CO' to denote Total Cost per TCN.</i>														
121	12	20 MEA SEGMENT - Packaging Material Weight SEGMENT CONDITION: Use to provide weight per commodity per shipment unit.	C it breakout	per type pack	2	If MEA0	5 is prese 6 is prese 7 is prese	10 EA03, MEA09 Int, then MEA Int, then MEA Int, then at le 18 or MEA03	A04 is requ A04 is requ ast one of	iired. iired. MEA03, M	·	d. MEA06 is requ	ired.			
121-01	12	Packaging Material Qualifier Weight breakout per type pack per commodity	M ID	2/2	2	160	0	10	20	2	LO	MEA01	737	0	ID	2/2
		carried in the MEA segment. For each type of packing material we individual MEA segment. DN - Dunnage Dimension														
		PA - Pallet Dimensions SK - Skid Dimensions														
121-02	12	20 Packaging Material Weight Qualifier B - Billed Weight	M ID	1/1	2	160	0	10	20	2	LO	MEA02	738	0	ID	1/3
121-03	The w skid, weigh	Packaging Material Weight veight for any component of the packaging mate pallet, dunnage hts). Entry may contain a decimal; if not, decim most point of the field. [T_9 D-21 13/16]	, ,	1/8 ned at	2	160	0	10	20	2	LO	MEA03	739	С	R	1/20

1117-11101	OKTATION EDI CONVENTION												000.11.00-010
121-04	Unit or Basis for Measurement Code M CE C00101 calls for an identifier from the DE 355 code list. The element separator is not used in this template. Its elements are concatenated together without using a delimiter.	2	160	0	10	20	2	LO	MEA04	C001	С	CE	
121-04-01	Unit or Basis for Measurement Code M ID 2/2 By placing code value 'PN' (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element. PN - Pounds Net	2	160	С	10	20	2	L0	C00101	355	M	ID	2/2
122	120 MEA SEGMENT - Shipped C Dimensions SEGMENT CONDITION: Required if the shipment is oversize or if air shipment. (GFM needs dimensions to cost air shipment.) All dimensions are required for all 3PL carrier shipments.	2	If MEA(If MEA(If MEA(MEA()3	05 is pres 06 is pres 07 is pres , MEA05	10 MEA03, ME sent, then N sent, then N sent, then a , or MEA06 A08 or MEA	IEA04 is re IEA04 is re t least one is required	quired. quired. of	L0 08 is requin	red.				

		DoD INFORMATION						X12 SE	GMENT IN	IFORMA [*]	TION			X12 ELEMI	ENT INF	ORMA	ΓΙΟΝ
Index	DG	Data Name Notes and Codes	DoD		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		At	tributes
122-01	1:	20 Shipped Dimensions Information Qualifier SD - Shipped Dimensions	М	ID	2/2	2	160	0	10	20	2	LO	MEA01	737	0	ID	2/2
122-02	12	20 Shipped Dimensions Qualifier GFM will calculate oversize dimensions from sinformation. HT - Height LN - Length WD - Width		ID rovid	2/2 led	2	160	0	10	20	2	LO	MEA02	738	0	ID	1/3
122-03	12	20 Shipped Dimensions Units Use for values of oversize dimensions. [T_9 D-21 13/16]	М	N0	1/10	2	160	0	10	20	2	L0	MEA03	739	С	R	1/20
122-04		Unit or Basis for Measurement Code C00101 calls for an identifier from the DE 355 separator is not used in this template. Its elements are concate using a delimiter.	code I			2	160	0	10	20	2	L0	MEA04	C001	С	CE	
122-04-01		English Measurement Code By placing code value 'FT' or 'IN' (DE 355 unit C00101, you are satisfying X12 syntax requirements for the cor FT - Foot IN - Inch	qualifi	•		2	160	С	10	20	2	LO	C00101	355	М	ID	2/2
123	120	MEA SEGMENT - Net Explosive C Weig SEGMENT CONDITION: Required for all include if available. English (and metric) units are required to comply with 49 C For OCONUS shipments, NEW facilitates con	shipme	ent mo	odes;	2	If MEAC	5 is presei 6 is presei	10 A03, MEA0 nt, then MEA nt, then MEA	A04 is requ A04 is requ	uired. uired.	L0	ed.				

	FORTATION EDI CONVENTION							5, or MEA06 A08 or ME <i>A</i>	•							636.K.004010
						y o.		- 19 2 21 		F						
123-01	120 Net Explosive Weight Qualifier NX - Net Explosive Weight	М	ID	2/2	2	160	0	10	20	2	L0	MEA01	737	0	ID	2/2
123-03	120 Net Explosive Weight If net explosive weight is available for an weight in this data element. Entry may contain a d assumed at right-most point of the field. [T_9 D-21 13/16]		line ite		2	160	0	10	20	2	LO	MEA03	739	С	R	1/20
123-04	Composite Unit of Measurement Code	e M	CE		2	160	0	10	20	2	L0	MEA04	C001	С	CE	

858.R.004010

		Dod Information					Х	12 SEG	MENT IN	IFORMAT	ION		X1:	2 ELEMEN	T INF	ORMAT	ION
Index	DG	Data Name Notes and Codes	Dol	D Recomi Attrib		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Attr	butes
123-04-01		Net Explosive Weight Qualifier (English) Both metric and English units are required to complete to the second seco)1, y	ou are sat	tisfying X12	2	160	С	10	20	2	LO	C00101	355	M	ID	2/2
124	1	20 MEA SEGMENT - Net Explosive Quantity (Metric) SEGMENT CONDITION: Required if available. Met required to comply with 49 CRF 171.10. For OCONUS shipments, NEW facilitates complian	•	J	•	2	If MEA09 If MEA09	5 is prese 6 is prese 7 is prese	ent, then M ent, then M ent, then at	A05, MEA0 EA04 is red EA04 is red East one of	quired. quired. of MEA03	, MEA05	uired. , or MEA06 is re	equired.			
124-01	12	O Net Explosive Quantity Qualifier WT - Weights <i>Use 'WT' to denote Net Explosive Quantity.</i>	M	ID	2/2	2	160	0	10	20	2	LO	MEA01	737	0	ID	2/2
124-03	12	O Net Explosive Quantity Entry may contain a decimal; if not, decimal is assume field. [T_9 D-21 13/16]	M datr	R ight-most	1/8 point of the	2	160	0	10	20	2	LO	MEA03	739	С	R	1/20
124-04		Composite Unit of Measurement Code	M	CE		2	160	0	10	20	2	L0	MEA04	C001	С	CE	

100 of 175 10/04/2023

124-04-01	Net Explosive Quantity Qualifier (Metric)	М	ID	2/2	2	160	С	10	20	2	L0	C00101	355	М	ID	2/2
	By placing these code values (DE 355 unit qual satisfying	ifier) in the (C00101,	you are												
	X12 syntax requirements for the composite data dry.	a element. U	lse 'KG'	if explosive is												
	Use 'LT' if explosive is wet.															
	KG - Kilogram															
	LT - Liter															
125	120 MEA SEGMENT - Round Count	С			2	160	0	10	20	2	L0					
	SEGMENT CONDITION: Required if shipme	ent contains	ammun	ition.		At leas	t one of	MEA03, M	EA05, ME	A06, or M	MEA08 is re	equired.				
						If MEA	05 is pre	sent, then	MEA04 is	required.						
						If MEA	06 is pre	sent, then	MEA04 is	required.						
						If MEA	07 is pre	sent, then	at least or	ne of MEA	A03, MEA0	05, or MEA06 is	required.			
						Only or	ne of ME	A08 or ME	EA03 may	be preser	nt. 					
125-01	120 Round Count Qualifier	М	ID	2/2	2	160	0	10	20	2	L0	MEA01	737	0	ID	2/2
	CT - Counts															

		Dod Information					X12 SE	GMENT IN	IFORMAT	ION			X12 ELEMI	ENT INF	ORMAT	ION
Index	DG	Data Name Notes and Codes	Recomn	oD nended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		At	tributes
125-03	120) Round Count [T_9 D-21 13/16]	M NO	1/8	2	160	0	10	20	2	LO	MEA03	739	С	R	1/20
125-04		Composite Unit of Measurement Code M C	E		2	160	0	10	20	2	L0	MEA04	C001	С	CE	
125-04-01		Round Count Qualifier By placing code value 'RO' (DE 355 unit C00101, you are satisfying X12 syntax requirements for the composite data RO - Round	, ,		2	160	С	10	20	2	LO	C00101	355	М	ID	2/2
126	1	20 L0 SEGMENT - Ammunition Lot Number/Number of Pieces	С		2	145	0	1	20	2	LO					

	LOOP CONDITION: Required to shipment contains ammunition. cube and ammunition lot number segment (Round Count).	Report pieces	s, wei	ight,		If either If either If either If L011	r L004 or r L006 or r L008 or is presen	L005 is pre L007 is pre L009 is pre t, then L004	esent, then the esent, then the esent, then the esent, then the 4 is required. esent, then the	e other is re e other is re e other is re	equired. equired. equired.					656.N.004010
126-04	120 Weight [T_7 72/76]	С	R	1/10	2	145	0	1	20	2	L0	L004	81	С	R	1/10
126-05	120 Weight Qualifier	A1 - Dimer		2/2 Il Weight	2	145	0	1	20	2	L0	L005	187	С	ID	1/2
126-06	120 Cube ELEMENT CONDITION: Required [T_7 68/71]	С	R	1/8	2	145	0	1	20	2	L0	L006	183	С	R	1/8
126-07	120 Cube Qualifier E - Cubic Feet	С	ID	1/1	2	145	0	1	20	2	L0	L007	184	С	ID	1/1
126-08	120 Number of Pieces ELEMENT CONDITION: Required [T_7 77/80]		N0 ipmen	1/7 ts.	2	145 L008 is	O s the numl	1 per of hand	20 ling units of t	2 ne line item	L0 tendered t	L008	80	С	N0	1/7
126-09	120 Packaging Form Code (for number 3/3 pieces) PCS - Pieces	of C	ID	1	2	145	0	1	20	2	L0	L009	211	С	ID	3/3

		Dod Information				X12 SE	GMENT II	IFORMATI	ION)	(12 ELEME	NT IN	FORMAT	ON
Index		Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attri	butes
126-1	10 120	Ammunition Lot Number Use leading zero as necessary to provide a r characters. [T_7 54/67]	C AN 2/14 ninimum of two	2	145	0	1	20	2	LO	L010	458	0	AN	2/25
127		120 LO SEGMENT - Dimensional C V	Veight	2	145	0	1	20	2	L0					

TRAN	SPORTATION EDI CONVENTION															858.R.00401
	LOOP CONDITION: Use when d Dimensional Weight is the							•	sent, then the sent, then the		•					
	chargeable weight computed on the actual weight. GFM will			rather than	n	If either	L006 or L	.007 is pres	sent, then the	e other is re	equired.					
	calculate the Dimensional Weight based passed in the MEA segments. Shipper sthe Dimensional Weight.			ovide		If L011 i	is present,	, then L004	sent, then the is required. sent, then the		•					
									,							
127-04	4 120 Dimensional Weight		R	1/10	2	145	0	1	20	2	L0	L004	81	С	R	1/10
	When applicable, dimensional weight the following formula:			_												
	Length x Width x Height divided by weight (all measurements in inches).	194 equ	ıals din	nensional												
	[T_2 72/76]															
127-0	5 120 Dimensional Weight Qualifier A1 - Dimensional Weight	М	ID	2/2	2	145	0	1	20	2	L0	L005	187	С	ID	1/2
127-11	1 120 Weight Unit Code	М	ID	1/1	2	145	0	1	20	2	L0	L011	188	0	ID	1/1
	E - Metric Ton															
	G - Grams															
	K - Kilograms															
	L - Pounds															
	M - Measurement Ton															
	O - Ounces															
	S - Short Ton															
	T - Long Ton															
28	190 LH1 SEGMENT - HAZMAT	С			2	170	0	1	100	2	LH1					
	Quantities															
	LOOP CONDITION: DG 190 require hazardous material and/or the		•													
	Defense Transportation Tracking	System	(DTTS)) is required.												

		DoD INFORMATION					X12	SEGN	IENT II	NFORM	ATION	l	X12 EL	EMENT	INF	ORMAT	ION
Index	DG	Data Name Notes and Codes			ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attril	butes
128-01	19	O HAZMAT - Unit Of Measure Code Contains the code identifying the Unit of Measure (type of packaging) for in LH102 is reported. Use LH106 to express weight and volume. SOURCE: Reference Section 6.0 of this IC for code values using applica Common code values associated with multiple definitions prevents documentire sub-set. Sample Values: BA, BD, BG, BX, CH	able tal	bles.	2/2	2	LH101 nonbul moven	lk	1 H102 a	100	2 to conv	LH1	LH101 number and	355	M f pack	ID kages fo	2/2 or bulk and
128-02	19	O HAZMAT - Lading Quantity Contains the number of units (pieces) of the lading commodity that is Ha SOURCE: 49 CFR 172.202(c) [T_9 D-15 54/79]	M zardou	N0 us.	1/7	2	170	0	1	100	2	LH1	LH102	80	М	N0	1/7
128-03	190	0 HAZMAT - UN/NA ID Code SOURCE: Hazardous Materials Regulations of the Department of Transpair, Air, Rail, Highway, and Water available from Association of American Railroa [T_6 74/79]			6/6	2	170	0	1	100	2	LH1	LH103	277	0	ID	6/6
128-06	19	Use the unit of measure codes for quantity or volume of non bulk shipme typically be pounds, cubic feet, or a unit of measure other than pieces. If of the hazardous material is measured in other than the above listed Wei Measure, refer to X12 Standard, DE 355. Use LH101 to express type of ELEMENT CONDITION: Required if LH107 is used. At least one LH106/LFH05/LFH06 are required to pass the HAZMAT unit of measure and quantity. If an Engunit of measure are available, both are required. See Section 6 for list of data values.	the we ight Ur packa LH107	eight nits of ging.	2/2	2			1 I107 are		2 convey	LH1	LH106	355	O nit of	ID measure	2/2 e for
128-07	190	O HAZMAT - Quantity Quantity refers to the amount (i.e., weight in pounds, volume in cubic fee such measurement) of the hazardous material commodity that is to be transfer.			1/15	2	170	0	1	100	2	LH1	LH107	380	0	R	1/15
128-09	19	00 HAZMAT - Residue Indicator Code	С	ID	1/1	2	170	0	1	100	2	LH1	LH109	665	0	ID	1/1

TRANSPORTATION EDI CONVENTION

Code indicating that the material being described is that which remains in a packaging (including a tank car) after it has been unloaded. Use code value 'R' to indicate that the unit being shipped is empty and contains a

residue from a prior movement.

SOURCE: 49 CFR 172.203(e)

R - Residue Last Contained Description (Tank Car)

In LH109, a value of "R" or "P" requires that the receiver generate the words "residue: last contained" prior to the shipping name in accordance with regulations.

		DoD INFORMATION					X12	SEGM	ENT IN	IFORM/	ATION		X12 ELE	MENT	INFC	RMA	TION
Index	DG	Data Name Notes and Codes			commended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attri	butes
128-	10 190	HAZMAT - Packing Group Code Indicate the required packing group using Roman Numeral I, II, or III to indicate degree of danger. SOURCE: 49 CFR, Table 172.101	C ate the	ID	1/3	2	170	0	1	100	2	LH1	LH110	254	0	ID	1/3
129		190 LH2 SEGMENT - HAZMAT Classification SEGMENT CONDITION: Required for loaded and unloaded HAZMAT shipme	C ents.			2	If eithe	er LH208	8 or LH2	209 is pre	esent, t	hen the	other is reque the other is reque to the other is reque to the other is requeres.	uired.			
129-	01 190	HAZMAT - Hazardous Class/Division Identify the hazard class or division prescribed for the material as shown in coord 49 CFR Table 172.101. If there is no hazard class or division, use the code in the column, such as ORM-D (Other Regulated Material), reference 49 CFR 173.2 subsidiary hazard but no hazard class or division, use code value 'NA'. A mat which the entry in this column is 'Forbidden' may not be offered for transported be transported. This segment needs to be repeated for each subsidiary hazard SOURCE: 49 CFR 172.101;49 CFR 173.2 [T_6 71/72]	at 2. If there erial for ation nor		1/30	2	180	0	4	100	2	LH1	LH201	215	0	ID	1/30
129-	02 190	HAZMAT - Hazard Class Qualifier Repeat the LH2 segment as necessary to identify the primary and each subs (secondary) hazard of the material being shipped. P - Primary	M idiary	ID	1/1	2	180	0	4	100	2	LH1	LH202	983	0	ID	1/1
129-	05 190	S - Secondary HAZMAT - Reportable Quantity For empty packagings or units containing the residue of a hazardous materia ELEMENT CONDITION: Required if necessary to indicate a reportable quant the shipment. SOURCE: 49 CFR 172.203(e) RQ - Reportable Quantity		ID esent in	2/2	2	180	0	4	100	2	LH1	LH205	759	0	ID	2/2

129-06 190 HAZMAT Flashpoint Temperature Code	С	ID	2/2	2	180	0	4	100	2	LH1	LH206	355	С	ID	2/2
ELEMENT CONDITION: Required if LH207 is used. CE - Centigrade, Celsius					LH206	6 and L	.H207 ir	ndicate th	e flash	point ten	nperature.				
<i>Use 'CE' to denote Centigrade.</i>															
FA - Fahrenheit															

		DoD INFORMATION					X12 S	EGM	ENT IN	NFORM	IATIO	N	X12 EI	EME	NT IN	IFORI	MATION
Index	DG	Data Name Notes and Codes		DoD Reco Attril	mmended outes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attri	butes
129-07	190	HAZMAT Flashpoint Temperature	С	R	1/4	2	180	0	4	100	2	LH1	LH207	408	С	R	1/4
130	190	LH3 SEGMENT - HAZMAT Names SEGMENT CONDITION: Required for empty/unloaded HAZMAT shipments; th contain the last contents shipping name.	C s segm	ent should		2	190 If eith	O er LH3	12 801 or L	100 H302 is	2 preser	LH1 nt, then	the other is	s require	ed.		
130-01	190	HAZMAT - Proper Shipping Name MANDATORY for all hazardous material shipments including ammunition and experience additional LH301 segment(s) for remainder of Proper Shipping Name experiences. SOURCE: 49 CFR 172.101; 49 CFR 172.202 [T_9 D-15 54/79]			1/25	2	190	0	12	100	2	LH1	LH301	224	С	AN	1/25
130-02	190	HAZMAT - Proper Shipping Name Qualifier C - Canadian Shipping Name D - Domestic (United States) Shipping Name I International Shipping Name	M	ID	1/1	2	190	0	12	100	2	LH1	LH302	984	С	ID	1/1
130-03	190	HAZMAT - N.O.S. Indicator Code If this field is used, an LFH segment must follow using code value 'TEC' in LFH NOS - N.O.S. Regulatory Requirements Apply	C 01.	ID	3/3	2	190	0	12	100	2	LH1	LH303	985	0	ID	3/3
131	190	LFH SEGMENT - HAZMAT Remarks SEGMENT CONDITION: Required for HAZMAT shipments requiring specific la	C beling.			2		O er LFH	20 105 or L		2 presei	LH1 nt, then	the other is	s requir	ed.		

		DoD INFORMATION			X12	SEGI	MENT	INFO	RMA	TION	N		X12 EL INFOR		
Index D	og	Data Name Notes and Codes		DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE #	Attri	butes
Qualifier		And the second passed of the s	ID	3/3	2	191	0	20	100	2		H1 LFHC	1 808 M	TID	3/3

<i>Use 'POI' to denote "Poison" Declaration.</i>								
RAM - Radioactive Material Data								
TEC - Technical or Chemical Group Name								
404 00 400 HAZMAT, A LEG., LD., '. D., '. G., LC., '.'							400.0	
131-02 190 HAZMAT - Additional Basic Description Information	M	AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25
·	М	AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25
Contains specific information about the hazardous material shipment. When applicable, use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any	М	AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25
Contains specific information about the hazardous material shipment. When applicable, use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any	М	AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25
Contains specific information about the hazardous material shipment. When applicable, use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any overflow information from LFH01 or 49 CFR except Proper Shipping Name. Use LFH03 for	М	AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25
Contains specific information about the hazardous material shipment. When applicable, use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any	М	AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25
Contains specific information about the hazardous material shipment. When applicable, use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any overflow information from LFH01 or 49 CFR except Proper Shipping Name. Use LFH03 for additional overflow. If LFH01 = 'PIH', enter 'Poisonous - Inhalation Hazard, Zone X',		AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25
Contains specific information about the hazardous material shipment. When applicable, use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any overflow information from LFH01 or 49 CFR except Proper Shipping Name. Use LFH03 for additional overflow. If LFH01 = 'PIH', enter 'Poisonous - Inhalation Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [Set		AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25
Contains specific information about the hazardous material shipment. When applicable, use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any overflow information from LFH01 or 49 CFR except Proper Shipping Name. Use LFH03 for additional overflow. If LFH01 = 'PIH', enter 'Poisonous - Inhalation Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [Set CFR]		AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25
Contains specific information about the hazardous material shipment. When applicable, use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any overflow information from LFH01 or 49 CFR except Proper Shipping Name. Use LFH03 for additional overflow. If LFH01 = 'PH', enter 'Poisonous - Inhalation Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [Set CFR 172.203(n)]. If LFH01 = 'RAM', enter the appropriate text in quotes as specified by 49		AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25
Contains specific information about the hazardous material shipment. When applicable, use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any overflow information from LFH01 or 49 CFR except Proper Shipping Name. Use LFH03 for additional overflow. If LFH01 = 'PIH', enter 'Poisonous - Inhalation Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [Set CFR 172.203(n)]. If LFH01 = 'RAM', enter the appropriate text in quotes as specified by 49 CFR 172.203(d). If LFH01 = 'LQY', enter 'Ltd Qty' or 'Limited Quantity'. If LFH01 =		AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25
Contains specific information about the hazardous material shipment. When applicable, use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any overflow information from LFH01 or 49 CFR except Proper Shipping Name. Use LFH03 for additional overflow. If LFH01 = 'PIH', enter 'Poisonous - Inhalation Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [Set CFR 172.203(n)]. If LFH01 = 'RAM', enter the appropriate text in quotes as specified by 49 CFR 172.203(d). If LFH01 = 'LQY', enter 'Ltd Qty' or 'Limited Quantity'. If LFH01 = 'HZC', enter 'Hazardous substance		AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25
Contains specific information about the hazardous material shipment. When applicable, use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any overflow information from LFH01 or 49 CFR except Proper Shipping Name. Use LFH03 for additional overflow. If LFH01 = 'PIH', enter 'Poisonous - Inhalation Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [Set CFR 172.203(n)]. If LFH01 = 'RAM', enter the appropriate text in quotes as specified by 49 CFR 172.203(d). If LFH01 = 'LQY', enter 'Ltd Qty' or 'Limited Quantity'. If LFH01 = 'HZC', enter 'Hazardous substance constituents.' If LFH01 = 'MOS', enter 'Maximum		AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25
Contains specific information about the hazardous material shipment. When applicable, use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any overflow information from LFH01 or 49 CFR except Proper Shipping Name. Use LFH03 for additional overflow. If LFH01 = 'PIH', enter 'Poisonous - Inhalation Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [Set CFR 172.203(n)]. If LFH01 = 'RAM', enter the appropriate text in quotes as specified by 49 CFR 172.203(d). If LFH01 = 'LQY', enter 'Ltd Qty' or 'Limited Quantity'. If LFH01 = 'HZC', enter 'Hazardous substance		AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25

		Dod Information					X12 S	SEGM	ENT II	NFORM	IATIOI	N	X12 EL	EMENT	INF	ORMA	TION
Index	DG	Data Name Notes and Codes			ommended butes	Tabl	Pos	Req Des		Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attril	outes
131-03	190	HAZMAT - Additional Information Use for description overflow from LFH02. Use LFH01, 02, and 03 as a set as as necessary to convey all additional basic description information.	C nd repe	AN eat loop	1/25	2	191	0	20	100	2	LH1	LFH03	809	0	AN	1/25
131-04	190	HAZMAT - Hazard Zone Code Contains the code specifying the Department of Transportation assigned zon the Inhalation Toxicity Hazard Zone. ELEMENT CONDITION: Use applicable Hazard Zone Code when LFH01 = A - Hazard Zone A B - Hazard Zone B C - Hazard Zone C		ID gnating	1/1	2	191	0	20	100	2	LH1	LFH04	1023	0	ID	1/1
		D - Hazard Zone D															
132	190	LFH SEGMENT - Round Count	С			2	191	0	20	100	2	LH1					
		SEGMENT CONDITION: Required for TC-AIMS II moves only.					If eith	er LFH	105 or L	FH06 is	present	t, then t	he other is r	equired.			
132-01	190	HAZMAT- Information Qualifier Use code value 'ADI' to satisfy X12 syntax requirements. ADI - Additional Descriptive Information Not Required by Regulation but Des Accompany the Movement by the Shipper	M ired to	ID	3/3	2	191	0	20	100	2	LH1	LFH01	808	M	ID	3/3
132-02	190	HAZMAT- Round Count Identifier Specific information required by law for hazardous material shipments. Enter contains HAZMAT Round Count Information. CT	M value	AN 'CT' to indi	2/2 cate segment	2	191	0	20	100	2	LH1	LFH02	809	M	AN	1/25
132-05	190	HAZMAT- Round Count Qualifier RO - Round	М	ID	2/2	2	191	0	20	100	2	LH1	LFH05	355	С	ID	2/2
132-06	190	HAZMAT- Round Count	М	R	1/15	2	191	0	20	100	2	LH1	LFH06	380	С	R	1/15
							LFH0	6 indic	ates ac	tivity of t	he radio	oactive	material.				

133 190	LFH SEGMENT - HAZMAT Metric Weight C	2	191	O 20	100 2	LH1	
	SEGMENT CONDITION: Required if LH107 is used. Use along with LH106 for H materials.	AZMAT explosive	If eithe	r LFH05 or LI	FH06 is pre	sent, then t	the other is required.

		DoD INFORMATION				X12	SEG	MEN	T INF	ORMA	TION	N			ELEMEN' RMATIO	
Index	DG	Data Name Notes and Codes			ommended ributes	Tabl	Pos		Max Use		Lp Lvl	Lp I D	Ref De	s DE #	Attri	ibutes
133	3-01 190	O HAZMAT- Information Qualifier Use code value 'ADI' to satisfy X12 syntax requirements. ADI - Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement by the Shipper	M	ID	3/3	2	191	0	20	100	2	LH	H1 LFH01	808	M ID	3/3
133	3-02 190	HAZMAT- Shipment Information Specific information required by law for hazardous material shipments. Enter value 'WT Metric Weight Information. WT	M ' to indi	AN icate segmen	2/2 t contains HAZMAT	2	191	0	20	100	2	Lŀ	11 LFH02	809	MAN	1/25
133	3-05 190	0 HAZMAT- Metric Measurement Code 2C - Roentgen	С	ID	2/2	2	191	0	20	100	2	Lŀ	11 LFH05	355	C ID	2/2
		2Q - Kilobecquerel														
		2Y - Milliroentgen														
		40 - Milliliter per Second 4N - Megabecquerel														
		GM - Grams per Sq. Meter														
		GR - Gram														
		H4 - Hectoliter														
		HG - Hectogram														
		KG - Kilogram														
		KR - Kiloroentgen LT - Liter														_

MC - Microgram	
ME - Milligram	
MG - Metric Gross Ton	
ML - Milliliter	
MP - Metric Ton	
R2 - Becquerel	

		DoD INFORMATION				X12	SEG	MEN ⁻	ΓINF	ORMAT	101	N			LEMEN	
Index	DG	Data Name Notes and Codes			commended ributes	Tabl	Pos	Req Des	Max Use		Lp Lvl	Lp I D	Ref Des	DE #	Attr	ibutes
133-	06 190	HAZMAT- Metric Quantity	С	R	1/15	2	191	0	20	100 2		L	H1 LFHC	6 380 0	CR	1/15
		Use the unit of measure codes for quantity or volume of non bulk shipments. This will typically be grams, cubic meters, or a unit of measure other than pieces. If the weight of the hazardous material is measured in other than the above listed Weight Units of Measure, refer to X12 Standard, DE 355. Use LH101 to express type of packaging. ELEMENT CONDITION: Required if LFH05 is used. At least one LH106/LH107 or LFH05 are required to pass the HAZMAT unit of measure and quantity. If an English and Metric unit of measure are available, both are required.	5/LFH06				LFH	06 ind	icates a	activity c	f the	e radio	active m	aterial.		
134		190 LFH SEGMENT - Net Explosive Weight (English)	С			2	191	0	20	100	2	LH1				
		SEGMENT CONDITION: Required for TC-AIMS II moves only.					If eit	her LF	H05 or	LFH06	is p	resent	, then the	e other i	s requir	ed.
134	-01 190	HAZMAT - Information Qualifier	М	ID	3/3	2	191	0	20	100 2			LH1 LFH	01 808	M ID 3/	3
		Use code value 'ADI' to satisfy X12 syntax requirements.														
		ADI - Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement by the Shipper														
		CAO - Cargo Airlift Only														
		D13 - "DOT - 113, Do Not Bump or Cut Off Car While in Motion" Declaration														
		DRC - Damaged Car Number														
		DWW - "Dangerous When Wet"														
		Declaration														
		EMS - Emergency Schedule (EMS) Page Number														
		HOT - Identifies Products in a														
		Heated Molten State														
		HZC - Hazardous Substance Constituents														

INH - Inhalation	
Hazard	
LQY - "Limited Quantity" Declaration	
MFA - Medical First Aid Guide (MFAG) Page	
Number	
MOS - Maximum Operating Speed	
maximali operating operation	
MPI - Marine Pollutant	
PIH - "Poison -	
Inhalation Hazard" Declaration	
POI - Poison Declaration	
1 of 1 older bookington	
RAM - Radioactive Material	
Data	
Dulu	
TEC - Technical or Chemical Group Name	
120 - Technical of Orientical Group Name	
TNM - Trade Name	
TININI - TIAUE INATITE	
WST - Waste	
Declaration	

		Dod Information					X12 S	EGMI	ENT IN	IFORM	IATIOI	N	X12 ELE	MENT	INF	ORMA	TION
Index	DG	Data Name Notes and Codes	Do		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attri	butes
134-02	190	HAZMAT - Shipment Information Specific information required by law for hazardous material shipments. Enter value 'N's contains HAZMAT English Weight Information. NX	M (' to ir	AN ndicate s	2/2 egment	2	191	0	20	100	2	LH1	LFH02	809	М	AN	1/25
134-05	190	HAZMAT - English Net Explosive Weight Code GA - Gallon	С	ID	2/2	2	191	0	20	100	2	LH1	LFH05	355	С	ID	2/2
134-06	190	PN - Pounds Net HAZMAT - English Net Explosive Weight	С	R	1/15	2	191 LFH0	O 3 indica	20 ates act	100	2 he radi	LH1	LFH06 material.	380	С	R	1/15
135	190	LFH SEGMENT - Net Explosive Weight (Metric)	С			2	191	0	20	100	2	LH1					
		SEGMENT CONDITION: Required for TC-AIMS II moves only.						If eitl	ner LFH	105 or L	FH06 is	s preser	nt, then the	other is	requii	red.	
135-01	190	HAZMAT - Shipment Information Qualifier Use code value 'ADI' to satisfy X12 syntax requirements. ADI - Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement by the Shipper	M	ID	3/3	2	191	0	20	100	2	LH1	LFH01	808	M	ID	3/3
135-02	190	HAZMAT - Shipment Information Enter value 'NW' to indicate segment contains HAZMAT Metric Net Weight Information NW	M	AN	2/2	2	191	0	20	100	2	LH1	LFH02	809	M	AN	1/25
135-05	190	HAZMAT - Metric Net Explosive Weight Code KG - Kilogram	С	ID	2/2	2	191	0	20	100	2	LH1	LFH05	355	С	ID	2/2
		LT - Liter															
135-06	190	HAZMAT - Metric Net Explosive Weight	С	R	1/15	2	191 LFH06	O 3 indica	20 ates act	100 ivity of t	2 he radi	LH1 oactive	LFH06 material.	380	С	R	1/15

136	190	LHR SEGMENT - DOT Explosive Approval	С			2	210	0	10	100	2	LH1					
		Number															
		(EX-number)															
		SEGMENT CONDITION: Required for shipment of explosive materials.															
136-01	190	HAZMAT - DOT Explosive Approval Number Qualifier HD - Department of Transportation Hazardous Number	М	ID	2/2	2	210	0	10	100	2	LH1	LHR01	128	М	ID	2/3

		DoD INFORMATION				X12	2 SEG	MEN	TINF	ORMA	TION	I	X12 ELI	EMEN	INFOR	MATION
Index	DG	Data Name Notes and Codes			ommended	Tabl	Pos	Req Des		Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#	Attri	ibutes
136-02		190 HAZMAT - DOT Explosive Approval Number (EX-number) Product codes and national stock numbers must be traceable to the specific EX-number (also referred to as hazard classification approval number) assigned by the Associate Administrator for Hazardous Materials Safety. SOURCE: 49 CFR 172.320 and 173.56(b) [T_6 80/80]	M	AN	1/30	2	210	0	10	100	2	LH1	LHR02	127	MAN	1/30
137		190 LHR SEGMENT - Competent Authority Approval				2	210	0	10	100	2	LH1				
	Nun	nber C SEGMENT CONDITION: Use if competent authority approval is required.														
137-01		190 Competent Authority Approval Number Qualifier HA - Competent Authority	М	ID	2/2	2	210	0	10	100	2	LH1	LHR01	128	M ID	2/3
137-02	,	190 Competent Authority Approval Number Issued by Department of Transportation, approval number is CA-YYNNNNA, where Y = year = approval number within that year, and A is an optional alphanumeric designator. Only applicable when DoD requires an exception to the international performance oriented packaging rules. [T_6 80/80]	M ar, N	AN	1/30	2	210	0	10	100	2	LH1	LHR02	127	MAN	1/30
138		190 LHR SEGMENT - DOT Exemption Number SEGMENT CONDITION: Required when DOT exemption applies.	С			2	210	0	10	100	2	LH1				
138-01	1	90 DOT Exemption (DOT-E) Number Qualifier HE - Hazardous Exemption Number	M	ID	2/2	2	210	0	10	100	2	LH1	LHR01	128	M ID	2/3
138-02	19	DOT Exemption (DOT-E) Number Identifies the DOT Exemption to any of the 49 CFR Regulations for hazardous materials. Normally used only for domestic shipments. Can be used for international shipments but is not guaranteed to be accepted by international customs. SOURCE: 49 CFR 172.2(a) [T_6 80/80]	M	AN	1/30	2	210	0	10	100	2	LH1	LHR02	127	MAN	1/30
139	Cod	190 LHR SEGMENT - Int'l Maritime Dangerous Goods le C SEGMENT CONDITION: Use this segment if the hazardous shipment requires international	al			2	210	0	10	100	2	LH1				

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

FREIGHT BILL OF LADING SHIPMENT INFORMATION 858.R.004010

	regulation.												
139-01	190 HA	vZMAT - Int'l Maritime Dangerous Goods Code (IMDG)			2	210 O	10	100	2	LH1 LHR01	128	M ID	2/3
	Qualifier IM - Intergov	M ernmental Maritime Organization (IMO) Number	ID	2/2									

		DoD INFORMATION				X12	SEGI	MENT	INFO	ORM	ATIO	N			EMENT MATION
Index	DG	Data Name Notes and Codes			Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE #	Attributes
139)-02 19	00 HAZMAT - Int'l Maritime Dangerous Goods Code (IMDG) [T_6 80/80]	M	AN	1/30	2	210	0	10	100) 2		LH1 LF	IR02 127	M AN 1/30
140	19	OLHR SEGMENT - DODIC SEGMENT CONDITION: Required for TC-AIMS II moves only.	С			2	210	0	10	100	2	LH1			
140-0	1 190	DoDIC Qualifier Use '1I' for shipments by other than ocean. Use '6P' only for ocean shipments. 1I - Department of Defense Identification Code (DoDIC)	М	ID	2/2	2	210	0	10	100) 2	l	_H1 LHI	R01 128	M ID 2/3
		6P - Group Number													
140-02	2 190 [DoDIC [T_9 D-15 67/70]	М	AN	1/30	2	210	0	10	100) 2		LH1 LF	HR02 127	M AN 1/30
141		190 LHR SEGMENT - National Stock Number (NSN) SEGMENT CONDITION: Required for TC-AIMS II moves only.	С			2	210	0	10	100	2	LH1			
141-0	1 190	HAZMAT - NSN Qualifier NS - National Stock Number	М	ID	2/2	2	210	0	10	100) 2	l	-H1 LHI	R01 128	M ID 2/3
141-0	2 190	HAZMAT - NSN [T_6 54/66]	М	AN	1/30	2	210	0	10	100) 2		LH1 LF	HR02 127	M AN 1/30
142		190 FA1 SEGMENT - TCN Appropriation Number Loop LOOP CONDITION: Use for appropriation assignment. Carriers do not need to receive at This segment begins the appropriation number loop. It calls for both FA1 and FA2 segme systems that are capable of receiving, storing, and sending structured DoD appropriation use this loop to exchange those numbers with trading partners. If there is only one Transportation Accounting Code or Line of Accounting at the header level, then it applies to all shipments in that container. If there is TAC/LOA at the header level, and some of the line items in the container have their own TACs/LOAs and some do not, use the TACs/LOAs at the line item level for those specific shipments and default to the header TAC/LOA for all others. If there is an invalid TAC/LOA on a single line item we will use the header TAC/LOA. If there is only one Transportation Accounting level, then it applies to all shipments in that container. If there is TAC/LOA at the header level, and some of the line items in the container have their own TACs/LOAs and	nts. Ship numbers	per s may	ccounting at the header	2	230	0	1	> 1	2	FA1			

TRANSPORTATION EDI CONVENTION	658.R.004010
some do not, use the TACs/LOAs at the line item level for those specific shipments and	
default to the header TAC/LOA for all others. If there is an invalid TAC/LOA on a single	
line item we will use the header TAC/LOA.	

		Dod Information				X1:	2 SEG	SMEN1	Γ INF	ORMA	TION				EMENT MATION	
Index	DG	Data Name Notes and Codes			ecommended ttributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#	Attr	ibutes
142-0	1 190	Agency Qualifier Code	М	ID	2/2	2	230	0	1	>1	2	FA1	FA101	559	M ID	2/2
		Code identifying the agency assigning the code values. DF - Department of Defense (DoD) DN - Department of the Navy					accou		tifies t	the orç	ganiza	tion co	entrolling t	he assiç	gnment of	financial
		DX - United States														
		Marine Corps														
		DY - Department of Air Force														
		DZ - Department of Army														
		HS Department of Health and Human Services														
		<i>Use 'HS' to denote Department of Homeland Security/US Coast Guard (DHS/US)</i>	SCG). </td <td>ï></td> <td></td>	ï>												
143		190 FA2 SEGMENT - TCN Appropriation Elements SEGMENT CONDITION: This segment is MANDATORY if and only if the FA1 SEG TCN Appropriation Number Loop segment is used. Otherwise, this segment may not be				2	240	М	> 1	>1	2	FA1				
143-	01 190	Breakdown Structure Detail Code See Section 6 for list of data values.	M	ID	2/2	2	240	М	>1	>1	2	FA1	FA201	1196	M ID	2/2
143-0)2 190	Financial Information Code When FA201 contains code value '84', FA202 should be formatted as a dollar amount including a decimal character and two positions after the decimal, representing center of the value is a whole dollar amount.		AN	1/80	2	240	М	>1	>1	2	FA1	FA202	1195	MAN	1/80
144	19	90 L10 SEGMENT - TCN Weight SEGMENT CONDITION: Use when appropriation weight applies.	С			2	250	0	1	> 1	2	FA1				

144-01 190 Weight	М	R	1/10	2	250 O	1	>1	2	FA1 L1001	81	MR	1/10
Entry may contain a decimal; if not, decimal is assumed at right-most point of the field. [T_0 72/76]												
144-02 190 Weight Qualifier N - Actual Net Weight	М	ID	1/1	2	250 O	1	>1	2	FA1 L1002	187	M ID	1/2

		DoD INFORMATION					X12	SEGN	MENT I	NFORM	MATION		X12	ELEME	NT IN	FORM	ATION
ndex	DG	Data Name Notes and Codes			commended	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	butes
144-03	190	Weight Unit Code E - Metric Ton	M	ID	1/1	2	250	0	1	>1	2	FA1	L1003	188	0	ID	1/1
		G - Grams															
		K - Kilograms															
		L - Pounds															
		M - Measurement Ton															
		O - Ounces															
		S - Short Ton															
		T - Long Ton															
45	190	NM1 SEGMENT - Personal Property Owner	С			2	260	0	1	4	2	NM1					
		LOOP CONDITION: Used only for OCEAN CARGO SHIPPING INST	TRUCTIO	ONS.							oresent, t 110 is red		other is requ	ired.			
45-01	190	Personal Property Owner Qualifier OW - Owner of Property or Unit	М	ID	2/2	2	260	0	1	4	2	NM1	NM101	98	M	ID	2/3
45-02	190	Personal Property Owner Qualifier 1 - Person	М	ID	1/1	2	260	0	1	4	2	NM1	NM102	1065	М	ID	1/1
45-03	190	Personal Property Owner's Last Name [T_8 54/66]	M	AN	1/15	2	260	0	1	4	2	NM1	NM103	1035	0	AN	1/35
45-04	190	Personal Property Owner's First Name/Initial [T_8 67/67]	М	AN	1/15	2	260	0	1	4	2	NM1	NM104	1036	0	AN	1/25
46	73	N1 SEGMENT - Mark For Addressee Information	C (MA)		2	290	0	1	4	2	N1					

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

FREIGHT BILL OF LADING SHIPMENT INFORMATION 858.R.004010

	LOOP CONDITION: Use this address loop when en-route consolidation activity or any other organization or system that handles the bill of lading data needs to know the ultimate destination of the shipment. This is needed particularly for OCONUS shipments where the bill of lading moves the freight to a port to change modes to air freight or ocean container.					At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.											
146-01	73	Name Qualifier (MA) This qualifier identifies name and address information of the 'M consignee. MA - Party for whom Item is Ultimately Intended	M lark For' ultimat	ID e	2/2	2	290	0	1	4	2	N1	N101	98	M	ID	2/3

		DoD INFORMATION					2	X12 SE	GMENT II	NFORMA	TION		х	12 ELEM	IENT II	NFORM/	ATION
Index	DG	Data Name Notes and Codes	Do		nmended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Attı	ributes
146-02 7	3	Name (MA) [TC1 9/14]	С	AN	1/35	2	290	0	1	4	2	N1	N102	93	С	AN	1/60
146-03 7	3	DoDAAC/CAGE/MAPAC Qualifier (MA) Do not use CAGE code for ocean shipments. 10 - Department of Defense Activity Address Code (DODA)	M AC)	ID	2/2	2	290	0	1	4	2	N1	N103	66	С	ID	1/2
		33 - Commercial and Government Entity (CAGE)															
		A2 - Military Assistance Program Address Code (MAPAC)															
146-04 7	3	DoDAAC/CAGE/MAPAC (MA) If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'X. clear text name and address of the destination is required. [T_2 47/s		AN " and the	5/6 e complete	2	identific	ation. To	obtain this	•	the "ID Co	de" (N104	N104 thod of provic 1) must provic			AN	2/80
147	73	N2 SEGMENT - Mark For Addressee C Information SEGMENT CONDITION: Use when mark for addressee a	•	A)		2	300	0	2	4	2	N1					
147-01 7	3	Additional Name (MA)	М	AN	1/35	2	300	0	2	4	2	N1	N201	93	M	AN	1/60
148	73	N3 SEGMENT - Mark For Addressee Information (MA)	С			2	310	0	2	4	2	N1					
148-01 7	3	Street (MA)	М	AN	1/35	2	310	0	2	4	2	N1	N301	166	М	AN	1/55
148-02 7	3	Additional Addressing Information	С	AN	1/35	2	310	0	2	4	2	N1	N302	166	0	AN	1/55
149	73	N4 SEGMENT - Mark For Addressee Information (MA)	С			2	320	0	1	4	2	N1					

INANSP	ORIATION EDI CONVENTION															050.K.UU4U IU
	SEGMENT CONDITION: Use when mark for address	ssee applies.				If N406	is pres	ent, then	N405 is req	uired.						
149-01 73	City (MA)	С	AN	2/19	2	320	0	1	4	2	N1	N401	19	0	AN	2/30
						A comb		of either N	N401 throu	gh N404, d	or N405 ar	nd N406 may	be adequate	to spec	ify a	
149-02 73	State or Province Code (MA)	С	ID	2/2	2	320	0	1	4	2	N1	N402	156	0	ID	2/2
	SOURCE: National Zip Code and Post Office Di Service National Information Data Center	rectory availa	able fro	m U.S. Posta	ı	N402 i	s require	d only if o	city name (I	N401) is ir	the U.S. o	or Canada.				
149-03 73	ZIP Code/Postal Code (MA) SOURCE: National ZIP Code and Post Office Director U.S	C ctory, Publicat	ID ion 65 a	3/15 available	2	320	0	1	4	2	N1	N403	116	0	ID	3/15
	Postal Service; The USPS Domestic Mail Manual Superintendent	l available fro	m Nev	v Orders												
	of Documents															

		DoD INFORMATION					X12	SEGM	ENT INI	FORMA	TION		X12 EL	EMENT	INFC	RMAT	ION
Index	DG	Data Name Notes and Codes	D	DoD Reco	mmended outes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attrib	utes
149-04	73	Country Code (MA) ELEMENT CONDITION: If mark for addressee is OCONUS, country code SOURCE: Code for Representation of Names of Countries, Geopolitical Entitic Codes (GENC), is represented in the National System for Geospatial Intellige (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_C Codes for Representation of Currencies and Funds, ISO 4217, is available fron National Standards Institute.	ies, Nan nce CTRY_D	mes, and	2/3	2	320	0	1	4	2	N1	N404	26	0	ID	2/3
150		200 HL SEGMENT - Gross Weight Description Loop LOOP CONDITION: Use when gross weight description applies.	С			2	structu line-ite	ire, such m data.	ı as relati	ng line-it	tem dat	a to ship	etail informa pment data ordered stru	and pac	-		
150-	01 20	Detail - Gross Weight Description Use the value '1' for the first HL loop and increment by 1 for each successive regardless of usage of the HL loop. This segment begins the loop used to desweights that apply to the entire shipment.		N0	1/12	2	in the tra occurr initial h within	nsactior ences o	set. For f the HL s ent and v	example segment	e, HL01 , in whic	could b	HL01 The read to in the value of the value	ndicate th	ie num ould b	ber of e "1" fo	r the
150-0	200	Hierarchical Level Code This code identifies the Gross Weight Description Loop. PH - Product Characteristic	M	ID	2/2	2	up to t	he next o indicat	occurren	ce of an bsequen	HL seg	ment in ents in t	HL03 ments follow the transace the HL loop information	tion. For form a lo	exam	ole, HL)3 is
151		200 L0 SEGMENT - Shipment Gross Weight	С			2	145	0	1	20	2	L0					

TRANSPORTATION EDI CONVENTION														000	.K.00401
LOOP CONDITION: This segment is required if and only if HL SE used.	EGMENT - Gross W	eight D	escription Loop is		If eithe If eithe If eithe If L01	er L004 er L006 er L008 1 is pre	or L005 or L007 or L009 sent, the	is prese is prese is prese is prese en L004 i	ent, ther ent, ther ent, ther s requir	the oth the oth the oth ed.	er is requir er is requir er is requir er is requir er is requir	ed. ed. ed.			
151-04 200 Shipment Gross Weight The total weight for the shipment. This weight includes the shipment tare weight. Entry may contain a decimal; if not, decimal is assume of the field. [T_2 72/76]	ent net weight plus t		1/10	2	145	0	1	20	2	LO	L004	81	С	R	1/10
151-05 200 Shipment Gross Weight Qualifier G - Gross Weight	М	ID	1/1	2	145	0	1	20	2	L0	L005	187	С	ID	1/2

		DoD INFORMATION						X12 SE	GMENT IN	IFORMAT	ION			X12 ELEM	ENT IN	IFORM.	ATION
Index	DG	Data Name Notes and Codes	Re	comm	oD nended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		At	tributes
151-	11 200	0 Shipment Gross Weight Unit Qualifier E - Metric Ton	М	ID	1/1	2	145	0	1	20	2	LO	L011	188	0	ID	1/1
		G - Grams															
		K - Kilograms															
		L - Pounds															
		M - Measurement Ton															
		O - Ounces															
		S - Short Ton															
		T - Long Ton															
152 Loop		200 HL SEGMENT - Detail - Tare Weight LOOP CONDITION: Use when tare weight description		cripti uired.	on	2	010 The III	M	1	> 1	1	HL	vojna a bioro	vahi aal			
							structur	e, such as n data.		-item data	o shipmer	nt data, an	using a hieral d packaging d re.				
152-	-01 20	0 Detail - Tare Weight Description Loop	М	N0	1/12	2	010	М	1	>1	1	HL	HL01	628	М	AN	1/12
		Use the value '1' for the first HL loop and increment by HL loop regardless of usage of the HL loop. This segment begind describe tare weights that apply to the entire shipment.					the tran	saction set nces of the L segment	. For examp HL segmer	ole, HL01 cont, in which	ould be us case the v	ed to indic alue of Hl	ccurrence of th ate the number _01 would be " subsequent HI	er of '1" for the			
152-0	3 200	Hierarchical Level Code	М	ID	2/2	2	010	М	1	>1	1	HL	HL03	735	М	ID	1/2

IKANS	PORTATION EDI CONVENTION				ı											858.R.00401
	This code identifies the Tare Weight Description I PH - Product Characteristic	_oop.				up to th used to	e next o	ccurrence that subse	of an HL se	gment in the	ne transaction HL loop fo	ng the curren on. For exam orm a logical ç	ple, HL03 is	t		
153	200 L0 SEGMENT - Shipment Tare Weight LOOP CONDITION: Required if and only if HL S Weight Description Loop is used.	C EGMEN	IT - D	etail - Tare	2	If either If either If either L009 is	L004 or L006 or L008 or present, is preser	L005 is pr L007 is pr then the c	20 resent, then resent, then other is require resent, then resent, then	the other i the other i ired.	s required. s required.					
153-04	200 Shipment Tare Weight The actual tare weight of the shipment. Tare weight is container. Entry may contain a decimal; if not, decimment point of the field. [T_2 72/76]		eight of		2	145	0	1	20	2	LO	L004	81	С	R	1/10
153-05	200 Shipment Tare Weight Qualifier T - Tare Weight	М	ID	1/1	2	145	0	1	20	2	L0	L005	187	С	ID	1/2

		Dod Information					X12 SE	GMENT IN	IFORMAT	ION		,	(12 ELEME	NT IN	FORMAT	ION					
Index	DG	Data Name Notes and Codes		ommended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	butes					
153-11	2	00 Shipment Tare Weight Unit Qualifier E - Metric Ton	M ID	1/1	2	145	0	1	20	2	LO	L011	188	0	ID	1/1					
		G - Grams																			
		K - Kilograms																			
		L - Pounds																			
		M - Measurement Ton																			
		O - Ounces																			
		S - Short Ton																			
		T - Long Ton																			
154	2	00 HL SEGMENT - Net Weight Description Loop The HL Net Weight Description Loop must occ net weight. The HL Net Weight Description L the shipment net weight.			2	structure,	such as ro		tem data to	shipment d	lata, and pa	ng a hierarchica ackaging data to									
154-01	20	00 Detail - Net Weight Description Loop Use the value '1' for the first HL loop and inc successive HL loop regardless of usage of the HL loop. This seg used to describe net weights that apply to the entire shipment.	·		2	the transa	action set. ses of the l segment a	For example HL segment,	e, HL01 cou , in which ca	ld be used ase the valu	to indicate ue of HL01	HL HL01 628 M AN 1/12 ach occurrence of the HL segment in principle indicate the number of error of HL01 would be "1" for the each subsequent HL segment within									
154-03	20	0 Hierarchical Level Code	M ID	2/2	2	010	М	1	>1	1	HL	HL03	735	М	ID	1/2					

111771	ASPORTATION EDI CONVENTION														030.17.00401
	This code identifies the Net Weight Description Lo	ор.													
	PH - Product Characteristic				up to the	e next oc	currence of	an HL segn	nent in the t	ransaction. L loop form	the current HL For example, a logical grou	HL03 is			
155	200 L0 SEGMENT - Shipment Net M Weigh	t		2	If either If either If either If L011 i	L004 or I L006 or I L008 or I is present	L005 is pre L007 is pre L009 is pre	20 sent, then th sent, then th sent, then th sent, then th I is required. sent, then th	e other is re e other is re e other is re	equired. equired. equired.					
155-04	200 Shipment Net Weight M The net weight of the shipment. Net weight = weight + pallet weight + dunnage weight. Entry may contain a decimal; if not, decimal is assumed at right-most point of the field. [T_2 72/76]		1/8 weight + skic	2	145	0	1	20	2	LO	L004	81	С	R	1/10
155-05	200 Shipment Net Weight Qualifier M N - Actual Net Weight	ID	1/1	2	145	0	1	20	2	L0	L005	187	С	ID	1/2

		DoD INFORMATION				X12 SE	GMENT IN	IFORMAT	ION			X12 ELEN	IENT IN	IFORMA	TION
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attı	ibutes
155-	-11 200	0 Shipment Net Weight Unit Qualifier E - Metric Ton	M ID 1/1	2	145	0	1	20	2	LO	L011	188	0	ID	1/1
		G - Grams													
		K - Kilograms													
		L - Pounds													
		M - Measurement Ton													
		O - Ounces													
		S - Short Ton													
		T - Long Ton													
156	2	200 HL SEGMENT - Net Explosive Weight Description Loop (English)	С	2	010	M	1	> 1	1	HL					
		LOOP CONDITION: Required if the Defense Transp System (DTTS) is required and the shipment is an explosit			structure	, such as data.		-item data t	to shipmer	it data, an	using a hiera d packaging o				
156-01 2 (English)		tail - Net Explosive Weight Description M N0	1/12 Loop	2	010	М	1	>1	1	HL	HL01	628	М	AN	1/12
		Use the value '1' for the first HL loop and increment by 1 for HL loop regardless of usage of the HL loop. This segment begins to describe English weights that apply to the entire shipment.			the trans	action set	For examp	ole, HL01 cont, in which	ould be use case the v	ed to indic	ocurrence of the sate the numb Late the numb L01 would be subsequent H	er of "1" for the			

THO-ITO	FORTATION EDI CONVENTION				the	transac	ction.									050.K.UU
156-03 20	00 Hierarchical Level Code	M II	D	1/2	2 01	0	M	1	>1	1	HL	HL03	735	М	ID	1/2
	This code identifies the Net Explosive Weight Descriptio PH - Product Characteristic	n (Englisl	sh) Loc	pp.	up use	to the need to ind	ext occ	currence on at subse	of an HL seg	ment in the	e transaction	ng the curren on. For exam orm a logical ç	ple, HL03 is	t		
57	200 L0 SEGMENT - Shipment Net Explosive Weight (Dry)	С			2 14	5	0	1	20	2	L0					
	LOOP CONDITION: Required if and only if HL SEGMEN	NT - Net			If e	ither L0	02 or L	.003 is pro	esent, then t	the other i	s required.					
	Explosive Weight Description				If e	ither L0	04 or L	.005 is pro	esent, then t	the other i	s required.					
	Loop (English) Loop is used. Then, it is required to satis explosive is dry or wet.	fy X12 sy	/ntax v	vhether	If e	ither L0	08 or	·	esent, then t		s required.					
									4 is required		s required.					
157-04 2	200 Shipment Net Explosive Weight (Dry)	C R	-	1/8	2 14	5	0	1	20	2	L0	L004	81	С	R	1/10
	Entry may contain a decimal; if not, decimal is assumed the	at right-n	most p	oint of												
	field. If explosive is wet, enter value zero (0) to satisfy X	12 syntax	x.													
	ELEMENT CONDITION: Enter net explosive weight if 72/76]	f explosiv	ve is	dry. [T_2												

		Dod Information						X12 SE	GMENT IN	NFORMA	TION			X12 ELEME	NT INF	ORMA	ΓΙΟΝ
Index	DG	Data Name Notes and Codes	Re	Dol comme Attrib	ended	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		At	tributes
157-05	2	00 Shipment Net Explosive Weight Qualifier This element is required to satisfy X12 syntax wheth wet. CE - Certified Weight of Cargo	M ner ex	ID plosive	2/2 is dry or	2	145	0	1	20	2	LO	L005	187	С	ID	1/2
157-11	2	COO Shipment Net Explosive Weight Qualifier (Dry) ELEMENT CONDITION: Use this element only if explored in the second of the sec	C	ID ve is dry	1/1	2	145	0	1	20	2	LO	L011	188	0	ID	1/1
158	200 (We	MEA SEGMENT - Shipment Net C Explosive t) SEGMENT CONDITION: Use this segment or		-	ve is wet.	2	If MEAG If MEAG	05 is prese 06 is prese 07 is prese	10 EA03, MEA0 nt, then ME nt, then ME nt, then at lo	A04 is requ A04 is requests one of	uired. uired. f MEA03, N	·	ed. · MEA06 is rec	juired.			

HAMIO	OKTATION EDI CONVENTION															030.N.004010
158-01	200 Shipment Net Explosive Weight Qualifier (Wet)NX - Net Explosive Weight	M	ID	2/2	2	160	0	10	20	2	L0	MEA01	737	0	ID	2/2
158-03	200 Shipment Net Explosive Weight (Wet)	М	R	1/8	2	160	0	10	20	2	L0	MEA03	739	С	R	1/20
	Entry may contain a decimal; if not, decimal point of the field.	is assur	med at	right-mos	st											
	[T_9 D-21 13/16]															
158-04	Composite Unit of Measure (Wet)	М	CE		2	160	0	10	20	2	L0	MEA04	C001	С	CE	
	C00101 calls for an identifier from the DE 355 co separator is not	ode list.	The ele	ment												
	used in this template. Its elements are concaten- using a delimiter.	ated tog	ether w	ithout												
158-04-01	Shipment Net Explosive Weight Qualifier 2/2 (Wet)	М		D	2	160	С	10	20	2	L0	C00101	355	М	ID	2/2
	By placing code value 'GA' (DE 355 unit qualified) in the														
	C00101, you are satisfying X12															
	syntax requirements for the composite data elen	nent.														
	GA - Gallon															

		DoD INFORMATION				X12 SEG	MENT IN	FORMAT	ION		х	12 ELEME	NT IN	FORMAT	TION
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attri	butes
159		200 HL SEGMENT - Net Explosive Weight Description Loop (Metric) LOOP CONDITION: Required if the Defense Transport System (DTTS) is required and the shipment is an explosive		2	structure line-item	, such as i data.	elating line	•	o shipmer	nt data, ar	n using a hiera nd packaging d ure.				
159-01 2 (Metric)	200 De	Use the value '1' for the first HL loop and increment by 1 fo loop regardless of usage of the HL loop. This segment begins th describe Net Explosive Weights (Metric) that apply to the entire shipmen	e loop used to	2	the trans	action set. ces of the segment	For examp	ole, HL01 cont, in which	ould be us case the v	ed to indid alue of H	HL01 occurrence of the cate the number L01 would be "subsequent HI	er of 1" for the		AN	1/12
159-0	03 200	Hierarchical Level Code This code identifies the Net Explosive Weight Description (I PH - Product Characteristic	M ID 2/2 Metric) Loop.	2	up to the	next occu	rrence of a	n HL segme	ent in the t ts in the H	ransaction L loop for	HL03 g the current H n. For example m a logical gro	, HL03 is	M	ID	1/2
160		200 L0 SEGMENT - Shipment Net Explosive Weight (Dry)	С	2	If either L If either L If either L If L011 is	.004 or L0 .006 or L0 .008 or L0 s present, t	05 is prese 07 is prese 09 is prese hen L004 is	20 nt, then the nt, then the nt, then the nt, then the s required. nt, then the	other is re other is re other is re	equired. equired. equired.					

RANSFORTATION EDI CONVENTION															030.K.0040
160-04 200 Shipment Net Explosive Weight (Dry) Use value zero (0) to satisfy X12 syntax. [T_2 72/76]	M	R	1/8	2	145	0	1	20	2	LO	L004	81	С	R	1/10
160-05 200 Shipment Net Explosive Weight Qualifier This element is required to satisfy X12 syntax whether CE - Certified Weight of Cargo	M r explosive		2/2 y or wet.	2	145	0	1	20	2	LO	L005	187	С	ID	1/2

		Dod INFORMATION						X12 SE	GMENT IN	IFORMAT	ION			X12 ELEME	NT INF	ORMA	TION
Index	DG	Data Name Notes and Codes	Re	DoE comme Attribi	nded	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		At	tributes
160-11	21	00 Shipment Net Explosive Weight Qualifier (Dry) ELEMENT CONDITION: Use this element only if ex E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T Long Ton	C	ID	1/1	2	145	0	1	20	2	LO	L011	188	0	ID	1/1
161	200 [(Wef	MEA SEGMENT - Shipment Net C Explosive SEGMENT CONDITION: Use this segment or	re is wet.	2	If MEA0 If MEA0 If MEA0	5 is preser 6 is preser 7 is preser	A03, MEA0 nt, then ME, nt, then ME, nt, then at le 8 or MEA03	A04 is requ A04 is requesast one of	ired. ired. MEA03, M		ed. · MEA06 is requ	uired.					
161-01	2	00 Shipment Net Explosive Weight Qualifier (Wet) NX - Net Explosive Weight	М	ID	2/2	2	160	0	10	20	2	L0	MEA01	737	0	ID	2/2

IKANSP	ORIATION EDI CONVENTION												858.R.004010
161-03	200 Shipment Net Explosive Weight (Wet) M R 1/8 Entry may contain a decimal; if not, decimal is assumed at right-most point of the field. [T_9 D-21 13/16]	2	160	0	10	20	2	LO	MEA03	739	С	R	1/20
161-04	Composite Unit of Measure M CE C00101 calls for an identifier from the DE 355 code list. The element separator is not used in this template. Its elements are concatenated together without using a delimiter.	2	160	0	10	20	2	LO	MEA04	C001	С	CE	
161-04-01	Shipment Net Explosive Weight Qualifier M ID 2/2 (Wet) By placing code value 'LT' (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element. LT - Liter	2	160	С	10	20	2	LO	C00101	355	M	ID	2/2
162 :	200 HL SEGMENT - Dunnage Weight C Description Loop LOOP CONDITION: Required if dunnage weight description Loop is required.	2	structur line-iter	e, such a n data.	as relating	•	ta to shipr	ment data,	ion using a hiera and packaging o cture.				

		DoD INFORMATION					X12 SE	GMENT IN	IFORMATI	ON			X12 ELEM	ENT IN	IFORMA	TION
Index	DG	Data Name Notes and Codes		ommended tributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Att	ributes
162-01	200	Detail - Dunnage Weight Description M Loop Use the value '1' for the first HL loop and incre successive HL loop regardless of usage of the HL loop. This segm to describe Dunnage Weights that apply to the entire shipi	ent begins		2	the transa	ection set. ses of the l segment a	For example	e, HL01 coul , in which ca	d be used se the valu	to indicate ue of HL01	HL01 Irrence of the H the number of would be "1" for sequent HL seg	or the		AN	1/12
162-03	20	Hierarchical Level Code This code identifies the Dunnage Weight E PH - Product Characteristic	M ID	2/2 Loop.	2	up to the used to in	next occur	rence of an t subsequen	HL segment	t in the trar in the HL lo	nsaction. F oop form a	HL03 ne current HL se or example, HL n logical groupin	.03 is	M	ID	1/2
163	200	LO SEGMENT - Shipment C Dunnage W LOOP CONDITION: Required if and only i Dunnage Weight Description Loop is used.		MENT	2	If either Louis If either Louis If Loui	004 or L00 006 or L00 008 or L00 present, th	05 is present 07 is present 09 is present nen L004 is l	t, then the oi t, then the oi t, then the oi t, then the oi required.	ther is requ ther is requ ther is requ	uired. uired. uired.					
163-04	20	00 Shipment Dunnage Weight Entry may contain a decimal; if not, decimal point of the field. [T_2 72/76]	M R	1/8 d at right-mos	2 t	145	0	1	20	2	LO	L004	81	С	R	1/10
163-05	2	00 Shipment Dunnage Weight Qualifier CD - Chargeable Dunnage	M ID	2/2	2	145	0	1	20	2	L0	L005	187	С	ID	1/2

163-11	200 Shipment Dunnage Weight Unit Qualifier M E - Metric Ton	ID	1/1	2	145	0	1	20	2	L0	L011	188	0	ID	1/1
	G - Grams														
	K - Kilograms														
	L - Pounds														
	M - Measurement Ton														
	O - Ounces														
	S - Short Ton														
	T - Long Ton														
164	200 HL SEGMENT - Pallet Weight C Des	scription L	.оор	2	010	М	1	> 1	1	HL					
	LOOP CONDITION: Required if pallet weight a	applies.													
					The HL	segment	is used to i	dentify levels	s of detail i	nformation	using a hierar	chical			
					structur	e, such as	s relating lir	ne-item data	to shipme	nt data, and	d packaging da	ata to			
					line-iter										
					The HL	segment	defines a to	op-down/left-	right order	ed structur	e.				

		DoD INFORMATION						X12 SE	GMENT IN	FORMAT	ION			X12 ELEN	IENT IN	IFORMA	TION
Index	DG	Data Name Notes and Codes	DoD	Recom Attrik	mended outes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
164-01	21	00 Detail - Pallet Weight Description Loop Use the value '1' for the first HL loop and inc successive HL loop regardless of usage of the HL loop. This seg used to describe pallet weights that apply to the entire shipment.	remen	•		2	the transa	es of the segment a	For example HL segment,	e, HL01 cou in which ca	ıld be used ase the valu	to indicate ie of HL01	HL01 Irrence of the heather the number of would be "1" to be sequent HL se	f for the		AN	1/12
164-03	20	Hierarchical Level Code This code identifies the Pallet Weight Descripti PH - Product Characteristic		ID pp.	2/2	2	up to the	next occur dicate tha	rence of an	HL segment t segments	in the tran	saction. Foop form a	HL03 ne current HL s for example, H n logical groupi	L03 is	М	ID	1/2
165	200 L0 SEGMENT - Shipment Pallet C Weight LOOP CONDITION: Required if and only if HL SEGMENT - P Weight Description Loop is used.						If either Lifeither Lifeither Lifeither Life Life Life Life Life Life Life Life	004 or L00 006 or L00 008 or L00 present, tl	1 03 is present 05 is present 07 is present 09 is present nen L004 is i	, then the control	other is requ other is requ other is requ	ired. ired. ired.					
165-04	20	O Shipment Pallet Weight Entry may contain a decimal; if not, decimal point of the field. [T_2 72/76]		R sumed	1/8 at right-mos	2 t	145	0	1	20	2	LO	L004	81	С	R	1/10
165-05	20	00 Shipment Pallet Weight Qualifier PA - Pallet Weight	М	ID	2/2	2	145	0	1	20	2	L0	L005	187	С	ID	1/2

110/711	ISPORTATION EDI CONVENTION															656.K.004010
165-11	200 Shipment Pallet Weight Unit Qualit E - Metric Ton	fier M	ID	1/1	2	145	0	1	20	2	L0	L011	188	0	ID	1/1
	G - Grams															
	K - Kilograms															
	L - Pounds															
	M - Measurement Ton															
	O - Ounces															
	S - Short Ton															
	T - Long Ton															
166	200 HL SEGMENT - Skid Weight	C Descri	ption L	-оор	2	010	М	1	> 1	1	HL					
	LOOP CONDITION: Required if skid	weight is requ	ıired.													
												ısing a hierar				
						structur line-iter		s relating lir	ie-item data	to shipmer	nt data, and	packaging da	ata to			
								defines a to	p-down/left-	right order	ed structure					

		Dod Information						X12 SE	GMENT IN	IFORMAT	ION			X12 ELEM	IENT IN	IFORMA	TION
Index	DG	Data Name Notes and Codes	-	Recom Attrib	mended utes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
166-01	20	00 Detail - Skid Weight Description Loop Use the value '1' for the first HL loop and inc successive HL loop regardless of usage of the HL loop. This seg used to describe skid weights that apply to the entire shipment.	rement	•		2	the transa	es of the segment a	For example HL segment,	e, HL01 cou , in which c	ıld be used ase the valu	to indicate ue of HL01	HL01 urrence of the heather the number of would be "1" to be sequent HL se	f for the		AN	1/12
166-03	200	Hierarchical Level Code This code identifies the Skid Weight Descriptio PH - Product Characteristic		ID	2/2	2	up to the	next occur dicate tha	rrence of an	HL segmer	nt in the tran	saction. Foop form a	HL03 ne current HL s For example, H a logical groupi	L03 is	М	ID	1/2
167	200 L0 SEGMENT - Shipment Skid C Weight LOOP CONDITION: Required if and only if HL SEGMENT - St Weight Description Loop is used.						If either Lifeither Lifeither Lifeither Life Life Life Life Life Life Life Life	004 or L00 006 or L00 008 or L00 present, tl	1 03 is present 05 is present 07 is present 09 is present hen L004 is i 15 is present	t, then the continued that then the continued the continued the continued that the contin	other is requ other is requ other is requ	iired. iired. iired.					
167-04	20	O Shipment Skid Weight Entry may contain a decimal; if not, decimal point of the field. [T_2 72/76]	M f		1/8 at right-mos	2 t	145	0	1	20	2	LO	L004	81	С	R	1/10
167-05	20	00 Shipment Skid Weight Qualifier SK - Skid Weight	M I	ID	2/2	2	145	0	1	20	2	L0	L005	187	С	ID	1/2

	SFORTATION EDI CONVENTION															030.14.004010
167-11	200 Shipment Skid Weight Unit Qualifier E - Metric Ton	М	ID	1/1	2	145	0	1	20	2	L0	L011	188	0	ID	1/1
	G - Grams															
	K - Kilograms															
	L - Pounds															
	M - Measurement Ton															
	O - Ounces															
	S - Short Ton															
	T - Long Ton															
168	200 HL SEGMENT - Freight Weight	M Descrip	otion L	.оор	2	010	М	1	> 1	1	HL					
						The HL	segment	is used to i	dentify levels	s of detail in	nformation ເ	ısing a hierar	chical			
						structur	e, such as	s relating lir	ne-item data	to shipmer	nt data, and	packaging da	ata to			
						line-iten										
						The HL	segment	defines a to	p-down/left-	right order	ed structure	l <u>.</u>				

		DoD INFORMATION					Х	12 SEG	MENT IN	IFORMAT	ION		X1	2 ELEME	NT IN	FORMA	TION
Index	DG	Data Name Notes and Codes	DoD		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attri	butes
168	3-01 20	OD Detail - Freight Weight Description Loop Use the value '1' for the first HL loop and increment by 1 for each regardless of usage of the HL loop. This segment begins the loop freight weights that apply to the entire shipment.			•	2	the trans	saction se nces of th segmen	et. For exa e HL segr	mple, HL0 nent, in wh	1 could b ich case	e used to the value	HL01 ach occurrent bindicate the e of HL01 wou each subsequ	number of ıld be "1" fo	or the		1/12
168-	03 200	O Hierarchical Level Code This code identifies the Freight Weight Description Loop. PH - Product Characteristic 200 L0 SEGMENT - Shipment Freight Weight	M	ID	2/2	2	segment up to the used to data reference 145 If either If either If either	te next occindicate terring to s O L002 or L L004 or L	currence of hat subsershipment, 1 2003 is pre- 2005 is pre-	of an HL se quent segn order, or ite 20 esent, then esent, then esent, then	gment in nents in tem-level i 2 the other the other the other	the trans he HL loo informatio L0 r is requir r is requir	red. red. red.	kample, HL		ID	1/2
169-	-04 200	O Shipment Freight Weight Freight weight is the weight that line haul rate is based upon and pallet, and dunnage weights, carried in separate MEA segments. all commodities should be accumulated and carried in the data el a decimal; if not, decimal is assumed at right-most point of the fie [T_2 72/76]	The fr	reight w	eight for	2	If L011 is	s present	, then L00	esent, then 4 is require esent, then 20	ed.			81	С	R	1/10
169	-05 20	00 Shipment Freight Weight Qualifier FR - Freight Weight	С	ID	2/2	2	145	0	1	20	2	L0	L005	187	С	ID	1/2

IRANSP	ORTATION EDI CONVENTION															858.R.004010
169-11 2	00 Shipment Freight Weight Unit Qualifier	М	ID	1/1	2	145	0	1	20	2	L0	L011	188	0	ID	1/1
	E - Metric Ton															
	G - Grams															
	K - Kilograms															
	L - Pounds															
	M - Measurement Ton															
	O - Ounces															
	S - Short Ton															
	T - Long Ton															
170	300 HL SEGMENT - Accessorial/Protective C Service	es			2	010	М	1	> 1	1	HL					
Loop																
	LOOP CONDITION: Required if the shipment calls for accessori	al or p	rotectiv	e service.												
	One HL Accessorial/Protective Services Loop must occur for each	ch ser	vice or	dered.		The HI	segme	nt is used	I to identify	levels of	detail info	rmation usin	g a hierarchi	cal		
						structu	re, such	as relatir	ng line-item	data to s	hipment o	lata, and pac	kaging data	to		
							m data.									
						The HI	segme	nt defines	a top-dow	n/left-righ	t ordered	structure.				

		DoD INFORMATION				Х	12 SEG	MENT IN	IFORMAT	ION		X1	2 ELEME	NT IN	IFORMA	TION
Index	DG	Data Name Notes and Codes	_	ecommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	ibutes
170	0-01 3	100 Detail - Accessorial/Protective Services Loop Use the value '1' for the first HL loop and increment by 1 for regardless of usage of the HL loop. This segment begins the Services Loop. See Section 5.0 (DTEB Freight Bill of Ladi Implementation Convention) for looping logic and example	he Acces ng Shipm	uccessive HL loop sorial/Protective	2	the trans	saction se nces of the segment	t. For exar e HL segm	nple, HL01 ent, in whic	could be th case th	used to ir e value o	HL01 h occurrence of the nure	mber of be "1" for the	е		1/12
170-4	-03 30	Hierarchical Level Code This code identifies the Accessorial/Protective Service SS - Services	M IE) 2/2	2	up to the	next occ	urrence of nat subseq	an HL seg	ment in the	e transac HL loop	HL03 ving the currer tion. For exam form a logical	ple, HL03 is	S	ID	1/2
171		300 N7 SEGMENT - Primary Equipment Identifier SEGMENT CONDITION: Required if the shipment moves equipment and the accessorial/protective service applies to a particular pi	ece of eq	uipment. Do not	2	If either	N705 or N	N716 is pre	> 1 esent, then esent, then esent, then	the other i	s require	d.				
171-4	01 30	O Equipment Initial This data element satisfies in transit visibility requirements shipments. It describes initials of the furnished primary eq commodity is conveyed. ELEMENT CONDITION: If the value in N702 is other that initials are not available, use the SCAC. SOURCE: IATA Unit Load Devices Manual available from Association [T_2 9/12]	uipment ir	equipment n/on which the	2	020 N701 is	O	1 y for rail tr	>1 ansactions.	1	HL	N701	206	0	AN	1/4

	CITIATION EDI CONVENTICIO															000.IX.00 4 0
171-02 3	00 Equipment Number	М	AN	1/10	2	020	0	1	>1	1	HL	N702	207	М	AN	1/10
	This data element satisfies in transit visibility require	nents for	multi-equ	ıipment												
	shipments. It describes numbers on the furnished pri	mary equi	pment in	on which												
	commodity is conveyed. [T_4 9/14]															
172	300 N9 SEGMENT - Service Performed	С			2	100	0	10	> 1	1	HL					
	SEGMENT CONDITION: Required for accessorial/pr	otective s	ervices.									r N903 is req n N905 is req				
172-01	300 Service Performed Identifier	М	ID	2/2	2	100	0	10	>1	1	HL	N901	128	М	ID	2/3
	1P - Accessorial Status Code															

		DoD INFORMATION					X 1	2 SEGI	MENT IN	NFORMA	TION		X12	ELEME	NT IN	IFORM	ATION
Index	DG	Data Name Notes and Codes			ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	butes
172-	04 300	D Service Performed Date The date the service was performed.	С	DT	8/8	2	100	0	10	>1	1	HL	N904	373	0	DT	8/8
173		300 N9 SEGMENT - Stop Sequence Number SEGMENT CONDITION: Required if stop-offs occur.	С			2				> 1 1903 is req 1905 is req		HL					
173-	-01 30	0 Stop Sequence Number Qualifier QN - Stop Sequence Number	М	ID	2/2	2	100	0	10	>1	1	HL	N901	128	М	ID	2/3
173-	02 300	O Stop Sequence Number If stops apply to a shipment, a service code is identified with a st sequence number of the stop address in this data element. That in the S5 segment in the header area of the transaction set.				2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
174	3	300 LO SEGMENT - Service Units LOOP CONDITION: Required if and only if HL SEGMENT - Accoused.	C essoria	al/Protective	e Services Loop iε	2	If eithe If eithe If eithe If L011	r L004 or r L006 or r L008 or is preser	r L005 is p r L007 is p r L009 is p nt, then L	20 present, the present, the present, the present, the 004 is requirement, the	en the of en the of en the of uired.	ther is re ther is re ther is re	quired. quired. quired.				
174-	01 300	O Service Loop Identifier Use value '300' to indicate service loop.	M	N0	3/3	2	145	0	1	20	2	L0	L001	213	0	N0	1/3
174-0	02 300	Service Units The number of units (i.e. hours, 100 weight, etc.) for a specific acceperformed by the carrier. If this number is fractional, carry the definteger, a decimal is not required. If service units do not apply, leblank.	cimal;	if an	1/11	2	145	0	1	20	2	LO	L002	220	С	R	1/11

	SPORTATION EDI CONVENTION														0.	8.R.004010
174-03	300 Service Units Qualifier	С	ID	2/2	2	145	0	1	20	2	L0	L003	221	С	ID	2/2
	ELEMENT CONDITION: Required if L002 is used.															
	SOURCE: Reference Section 6.0 of this IC for code	values using applic	cable													
	Accessorial															
	Services for Rail Shipments, Accessorial Services for	or Tailored														
	Transportation Contract															
	Traffic Shipments, Accessorial/Protective Service Fo	or Air														
	Shipments,															
	Accessorial/Protective Service For Motor Shipments	s,Bulk Fuel														
	Shipments, Miscellaneous															
	Services, and Pipeline Shipments tables. Common	code values associ	ated with	multiple												
	definitions prevents documentation of the entire sub	-set.														
175	300 L1 SEGMENT - Service Rate	С			2	150	0	20	20	2	L0					
	SEGMENT CONDITION: Required if and only if L0	SEGMENT - Servic	e Units is	s used.		If eithe	r L102	or L103 i	s present,	then the	other is	reauired.				
	, , ,								105, or L1							
									s present,		•	required.				
									s present,							
175-02	300 Service Rate	С	R	1/7	2	150	0	20	20	2	L0	L102	60	С	R	1/9

		DoD INFORMATION					X12	SEGM	ENT IN	FORMA	TION		X12 EL	EMENT	INF	ORMA	ΓΙΟΝ
Index	DG	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attril	outes
175-0	03 300	0 Service Rate Qualifier	С	ID	2/2	2	150	0	20	20	2	L0	L103	122	С	ID	2/2
		ELEMENT CONDITION: Required if L102 is used. SOURCE: Reference Section 6.0 of this IC for code values using applicat Accessorial Services for Rail Shipments, Accessorial Services for Tailored Transportat Contract Traffic Shipments, Accessorial/Protective Service For Air Shipments, Accessorial/Protective Service For Motor Shipments, Bulk Fuel Shipment Services, and Pipeline Shipments tables. Common code values associated definitions prevents documentation of the entire sub-set. Sample Values: FC, NM, P1, PM, XP	ole tion s, Misc	cellaneous									2.00	_			
175-0	04 300	O Service Charge The charge for an accessorial or protective service. If the shipper does not charge, enter '00' in this data element. A two-position decimal is implied in			1/10	2	150	0	20	20	2	L0	L104	58	С	N2	1/12
175-0	08 300	Service Identifier Code Code values apply both to services requested and received.	M	ID	3/3	2	150	0	20	20	2	LO	L108	150	0	ID	3/3
		See Section 6.0 for valid code list. SOURCE: Reference Section 6.0 of this IC, beginning on page 6.14, for capplicable Accessorial Services for Rail Shipments, Accessorial Services Transportation Contract Traffic Shipments, Accessorial/Protective Service Air Shipments, Accessorial/Protective Service For Motor Shipments, Bulk Fue Shipments, Miscellaneous Services, and Pipeline Shipments tables. Common code v. with multiple definitions prevents documentation of the entire sub-set. Sample Values: 045, 495, 500, AAM, AAS	for Tail For	ored													

IRAN	ISPORTATION EDI CONVENTION														858.	R.004010
175-1	2 300 Service Description	С	AN	2/25	2	150	0	20	20	2	L0	L112	276	0	AN	2/25
173-1.	Some accessorial services such as empty movements and sto pickup and delivery, and objective service supply deliveries) re Location Code (SPLC) to describe where the service was perferequired to determine the charge for the service. SOURCE: Reference Section 6.0 of this IC for code values using Accessorial Services for Rail Shipments, Accessorial Services for Tailored Contract Traffic Shipments, Accessorial/Protective Service For Air Shipments, Accessorial/Protective Service For Motor Shipments, Bulk Fuel Services, and Pipeline Shipments tables. Common code values definitions prevents documentation of the entire sub-set.	ps (including stop quire a Standard ormed. This inforr ng applicable Transportation Shipments, Misc	o-offs, inside Point mation is			130	Ü	20	20	2	20	LIIZ	210		AN	2/25
	Sample Values: LTL, TL					040			- 1	4						
176	300 HL SEGMENT - Level of Service Loop LOOP CONDITION: Use for air freight shipments.	С			2		•			•		letail inforr		•		
						line-it	tem data	a.				ordered s		ickagir	ng data	to

			DoD INFORMATION					2	X12 SEG	MENT IN	IFORMAT	ION		х	12 ELEME	NT IN	FORMA	TION
Index		DG	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	butes
176	6-01	300	Hierarchical ID Number	М	AN	1/12	2	010	М	1	>1	1	HL	HL01	628	М	AN	1/12
								the tran	nsaction se ences of th	et. For exa ne HL segn	mple, HL01 nent, in whi	could be	used to ne value	ch occurrenc indicate the i of HL01 wou ach subsequ	number of	the		
176	6-03	300	Hierarchical Level Code	М	ID	2/2	2	010	М	1	>1	1	HL	HL03	735	М	ID	1/2
			SS - Services					segment up to the used to	nt ne next occ o indicate t	currence o	f an HL seg	ment in t	he transa e HL loop	owing the cur action. For ex o form a logic n.	ample, HL03			
177		3	00 SL1 SEGMENT - Level of Service	С			2	095	0	1	> 1	1	HL					
			SEGMENT CONDITION: Required for air freight shipme	nts.				At leas	t one of SI	L103 or SL	.104 is requ	iired.						
								Scale a	and commo	odity code	s are propri	etary cod	es maint	ained by the	carrier.			
177	'-01	300	Service Level Code	М	ID	2/2	2	095	0	1	>1	1	HL	SL101	284	М	ID	2/2
			AE - Delivery Scheduled Extended by Cartage Agent. Use 'AE' to denote Extended					SL101	is the serv	vice reques	sted by the	customer						
			D1 - Delivery Scheduled Next Day by Cartage Agent <i>Use 'D1' to denote Overnight.</i>															
			D2 - Delivery scheduled second day by cartage agent <i>Use 'D2' to denote Second Day.</i>															
			D3 - Delivery scheduled third day by cartage agent <i>Use 'D3' to denote Deferred.</i>															

	SG Standard Ground <i>Use 'SG' to denote Priority.</i>															
177-03	300 Required Element Enter value zero (0) to satisfy X12 syntax.	М	AN	1/1	2	095	0	1	>1	1	HL	SL103	22	С	AN	1/30
178	300 L0 SEGMENT - Type of Service LOOP CONDITION: Required for air freight shipments.	С			2	If eithe If eithe If eithe If L011	r L004 o r L006 o r L008 o is prese	r L005 is r L007 is r L009 is nt, then L	present, the present, the present, the present, the present, the 1.004 is required.	n the oth n the oth n the oth ired.	er is requi er is requi er is requi	red. red. red.				
178-12	2300 Type of Service Code AA - [Migration Code] Airport to Airport DA - Door-to-Airport of Debarkation	M	ID	2/2	2	145	0	1	20	2	LO	L012	56	0	ID	2/2
	DD - Door to Door RD - Ramp to Door '>Use 'RD' to denote Airport to Door.															

		DoD INFORMATION						X12 SE	GMENT IN	NFORMATI	ON			X12 ELEME	NT IN	FORMA	ΓΙΟΝ
Index	DG	Data Name Notes and Codes	F	Do Recomn Attrib	nended	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		At	tributes
179	31	000 L1 SEGMENT - Air Code SEGMENT CONDITION: Required for	C or air t	freight s	hipments.	2	At least or	ne of L104 114 or L11	L105, or L1 is present,	20 then the oth 06 is require then the othe then the othe	d. er is require	d.	,				
179-04	300	0 Air Charge Use value '000'.	М	N2	3/3	2	150	0	20	20	2	L0	L104	58	С	N2	1/12
179-08	300	0 Air Code AIR - Air Freight	М	ID	3/3	2	150	0	20	20	2	L0	L108	150	0	ID	3/3
180	30	01 HL SEGMENT - Fuel Surcharge Loop LOOP CONDITION: Required only when values 'AF'. 'AH', 'FA') or Motor, as long as fuel surcharge policy is i			BX02 code	2	structure,	such as re lata.	lating line-ite	•	ipment data	a, and pack	g a hierarchical kaging data to				
180-01	30	01 Detail - Fuel Surcharge Loop Use the value '1' for the first HL loop and is successive HL loop regardless of usage of the HL loop. This sused to describe a fuel surcharge.		•		2	the transa	ction set. I es of the F segment ar	For example IL segment,	, HL01 could in which case	be used to e the value	indicate the	HL01 Ince of the HL se e number of build be "1" for th quent HL segme	e	M	AN	1/12
180-03	30	01 Hierarchical Level Code This code identifies the Fuel Surcharge Lo 2 - Billing Arrangement	М	ID	1/1	2					•	•	HL03 current HL segme example, HL03 is		M	ID	1/2

IKAN	SPORTATION EDI CONVENTION															858.R.00401
								•	ent segment der, or item-l		•	ı logical groupin	g of			
81	301 L0 SEGMENT - Fuel	С			2	145	0	1	20	2	L0					
	Surcharge Loop Identifier															
	LOOP CONDITION: Required if and Surcharge Loop is used.	only if H	IL SEG	GMENT Fue	I	If either If either If either If L011 is	L004 or L L006 or L L008 or L s present,	005 is presoned on the present of the presoned on the presence of the presence	ent, then the ent, then the ent, then the ent, then the is required. ent, then the	other is recother is recother is reco	uired. uired. uired.					
81-01	301 Fuel Surcharge Loop Identifier Use value '301' to indicate fuel surcha		N0	3/3	2	145	0	1	20	2	L0	L001	213	0	N0	1/3
82	301 L1 SEGMENT - Fuel Surcharge	С			2	150	0	20	20	2	L0					
	SEGMENT CONDITION: Required if a SEGMENT - Fuel Surcharge Loop Ide is used.	•	LO			At least If either	one of L1 L114 or L	04, L105, o 115 is prese	ent, then the r L106 is req ent, then the ent, then the	uired. other is req	uired.					
182-02	301 Fuel Surcharge Rate	С	R	1/7	2	150	0	20	20	2	L0	L102	60	С	R	1/9

		DoD INFORMATION)	(12 SEG	MENT I	NFORMAT	ΓΙΟΝ		X	12 ELEME	ENT IN	IFORM.	ATION
Index	DG	Data Name Notes and Codes	DoE		mmended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
182-	-03 30	1 Fuel Surcharge Rate Qualifier PM - Per Mile	С	ID	2/2	2	150	0	20	20	2	LO	L103	122	С	ID	2/2
		PW - Percentage of Charges															
		VT - Per Mile per Vehicle															
182-0	04 301	Fuel Surcharge The charge allowed for fuel surcharge.	М	N2	1/8	2	150	0	20	20	2	L0	L104	58	С	N2	1/12
182	-08 30	11 Fuel Surcharge Service Identifier 405 - Fuel Surcharge	М	ID	3/3	2	150	0	20	20	2	L0	L108	150	0	ID	3/3
		<i>Use '405' to denote Fuel Surcharge for Air and Fuel Adju</i>	stmen	t for no	n-Air.												
183 Loop		400 HL SEGMENT - Commodity Classification			ımary	2	010	М	1	>1	1	HL					
		LOOP CONDITION: Required except for ocean and SPOT I	3ID sh	ipment	s.		structure	e, such as ı data.	s relating li	-	a to shipn	nent data	ition using a hi , and packagir acture.				
183	3-01 4	00 Detail - Commodity Classification Summary Loop Use the value '1' for the first HL loop and increment by 1 for regardless of usage of the HL loop. This segment begins a I different type of commodity being moved under the bill. Des commodity type requires an HL Segment.	each :	sed to d	describe each	2	the trans	saction se nces of th segmen	et. For exa e HL segn	mple, HL01 nent, in whic	could be	used to i	HL01 ch occurrence ndicate the nu of HL01 would ach subsequer	mber of be "1" for th	ne		1/12
183-	03 400	Hierarchical Level Code This code identifies the Commodity Classification Summary D - Product Description	M Loop.	ID	1/1	2							HL03 wing the curre			ID	1/2

	ON AND EST CONVENTION								equent seg , order, or i			op form a logio on.	cal grouping	of		030.11.004010
184	400 L7 SEGMENT - Tariff/Tender Rate Authority SEGMENT CONDITION: Used for SPOT BID shipment	C s as well	as ocea	ın shipments.	2	090	0	10	> 1	1	HL					
184-02	2 400 Tariff/Tender Rate Authority (SCAC) The Standard Carrier Alpha Code that prefixes the tend SOURCE: Directory of Standard Multi-Model Carriers a - STAC), NMF 101 Series available from National Motor	nd Tariff A	r. .gents (•		090	0	10	>1	1	HL	L702	168	0	ID	1/4
184-03	400 Tariff/Tender Number	М	N0	6/6	2	090	0	10	>1	1	HL	L703	171	0	AN	1/7
184-0	8 400 Tariff/Tender Supplement Identifier Enter two-digit number, using leading zero as required.	С	N0	2/2	2	090	0	10	>1	1	HL	L708	173	0	AN	1/4

		DoD INFORMATION					X12 S	SEGMI	ENT IN	FORM	IATIOI	N		X12 E INFOR			
Index	DG	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	outes
184	-10 40	00 Tariff/Tender Effective Date	С	DT	8/8	2	090	0	10	>1	1	HL	L710	373	0	DT	8/8
		Include for Tailored Transportation Contract (TTC) Traffic shipments.					L710	is the e	ffective	date.							
185		400 L5 SEGMENT - Commodity Description	С			2	130	0	10	> 1	1	HL					
		SEGMENT CONDITION: Required if and only if HL SEGMENT - Commodity Cla Loop is used.	assificati	ion Summa	ry		If L50	7 is pre	sent, the	en L506	is req	uired.	other is r				
185-	-02 400	0 Commodity Description	С	AN	1/50	2	130	0	10	>1	1	HL	L502	79	0	AN	1/50
		[Т_8 11/14]					L502	may be	used to	send o	quantity	inform	ation as _l	oart of the	e proc	luct de	scription.
185-0	03 400	Commodity Code If the shipment goes FAK, enter the DoD unique FAK code instead of the NMFC	M /UFC. [AN T_0 18/18]	6/8	2	130	0	10	>1	1	HL	L503	22	С	AN	1/30
185-	-04 400	0 Commodity Code Qualifier	M	ID	1/1	2	130	0	10	>1	1	HL	L504	23	С	ID	1/1
		D - Department of Defense Unique Codes															
		N - National Motor Freight Classification (NMFC)															
		T - Standard Transportation Commodity Code (STCC)															
		U - Uniform Freight Classification (UFC)															
186		400 L0 SEGMENT - Commodity Billed/Rated Quantity	С			2	145	0	1	20	2	L0					
		LOOP CONDITION: Required if and only if HL SEGMENT - Commodity Classific	cation S	ummary Lo	op is used.		If eith If eith If eith	er L004 er L006 er L008	or L005 or L007	is presons is present in the present p	sent, th sent, th sent, th	en the en the en the	other is roother is roother is ro	equired.			

					If eith	er L01	3 or L0	15 is pre	esent, t	hen the	other is r	equired.			
All quantities that appear in HL Line Item Description Loops must be accumulate commodity and carried here within the HL Detail - Commodity Classification Sur A commodity is a single type of product or material. Transportation of a commod 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 describe HL Detail - Line Item Description loop. There may be many line items (i.e., HL D Line Item Description loops) of the same commodity. As with line item quantities describe accumulated quantities, two rules must be followed when constructing segment: 1) If the accumulated billed/rated quantity is expressed as freight weight appears here. Freight weight is the weight that line haul rate is based upon and	nmary L lity is d in the etail - , to an L0 ht, it	·	1/8	2	145	0	1	20	2	LO	L002	220	С	R	1/11
include skid, pallet, and dunnage weights, carried in separate MEA segments. E should not contain a decimal; decimal is assumed at right-most point of the field L004, L005, and L011 elements are not used. 2) If the accumulated billed/rated 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 accumulated weight information, if required.	. The quantity	,													

		DoD INFORMATION					X12	SEGM	ENT IN	IFORM.	ATION		X12 ELI	EMENT	INF	ORMA	TION
Index	DO	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	butes
18	6-03	0 Commodity Billed/Rated Quantity Qualifier BA - Barrels	М	ID	2/2	2	145	0	1	20	2	LO	L003	221	С	ID	2/2
		GL - Gallon LB - Pound															
186-0	04 40	Weight If the commodity freight weight has not been expressed as commodity billed quantity in L002, then it can be expressed here. If the commodity is bulk fue 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 L00 carry all commodity weights in the L002 and L003. Freight weight is the weigh haul rate is based upon and may include skid, pallet, and dunnage weights, separate MEA segments. Entry may contain a decimal; if not, decimal is assiright-most point of the field.	l or e 03. Othe ght that l carried i	ine in	1/8	2	145	0	1	20	2	LO	L004	81	С	R	1/10
186-	-05 4	Weight Qualifier ELEMENT CONDITION: Required if L004 is used. FR - Freight Weight	С	ID	2/2	2	145	0	1	20	2	L0	L005	187	С	ID	1/2
186-	-11 4	Weight Unit Qualifier ELEMENT CONDITION: Required if L004 is used. E - Metric Ton G - Grams	С	ID	1/1	2	145	0	1	20	2	LO	L011	188	0	ID	1/1
		K - Kilograms L - Pounds															
		M - Measurement Ton															
		O - Ounces															

	S - Short Ton															
	T - Long Ton															
187	400 L1 SEGMENT - Freight Rate	С			2	150	0	20	20	2	L0					
	SEGMENT CONDITION: Required if and only if L0 SEGMEN is used.	T - Commodity Billed	d/Rated Qua	antity		At leas	st one o	of L104, or L115	L105, o	r L106 i ent, the	is requir n the oth	her is requ ed. ner is requ ner is requ	ired.			
187-0	2 400 Freight Rate Enter freight rate applied to the shipment of the commodity. E decimal; if not, decimal is assumed at right-most point of the f	•	R	1/9	2	150	0	20	20	2	L0	L102	60	С	R	1/9

		DoD INFORMATION					X12	SEGN	IENT IN	NFORM	ATION	ı	X12 ELI	EMENT	INF	ORMA	TION
Index	DG	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attri	butes
187-03	400	D Freight Rate Qualifier ELEMENT CONDITION: Required if L102 is used. SOURCE: Reference Section 6.0 of this IC for code values using applicab Qualifier table. Common code values associated with multiple definitions procumentation of the entire sub-set. See Section 6 for list of data values.		-	2/2	2	150	0	20	20	2	LO	L103	122	С	ID	2/2
187-04	400	Freight Charge The total line haul charge for the specific commodity described in L503.	М	N2	1/10	2	150	0	20	20	2	LO	L104	58	С	N2	1/12
187-09	400	O Type of Rate Qualifier Qualifies the authority (tender/tariff) number identified in the HL Detail - Lir Description loop, L7 segment. A - Alternate Rating C - Specific Commodity Rate I - Class Not Identifiable L - Class Rate QUO - Quoted Rate Y - Exception Rating	M ne Item	ID	1/3	2	150	0	20	20	2	LO	L109	121	0	ID	1/3
187-14	400	Declared Value ELEMENT CONDITION: Required for proper application of rates for certai	C n comi	N2 modities.	2/10	2	150	0	20	20	2	L0	L114	74	С	N2	2/12
187-15	40	0 Declared Value Rate Qualifier ELEMENT CONDITION: Required if L114 is used. LA - Per Pound Per Article LB - Per Pound	С	ID	2/2	2	150	0	20	20	2	LO	L115	122	С	ID	2/2
		LV - Per Pound Per Vehicle															

	PV - Per Vehicle															
188	400 LH1 SEGMENT - HAZMAT Quantities LOOP CONDITION: Use this segment if the commodity is hazardous may	C aterial.			2	170	0	1	100	2	LH1					
188-01	400 HAZMAT - Unit Of Measure Code Use 'ZZ' in this data element and zero (0) in LH102 to indicate commodi HAZMAT indicator. ZZ - Mutually Defined	M ty requir	ID es a	2/2	2	LH10 nonbu	ulk			2 d to co	LH1	LH101 e number a	355 and type	M of pad	ID ckages	2/2 for bulk and

		DoD INFORMATION					X12	SEGM	ENT IN	FORMA	TION		X12 ELI	EMENT	INFO	RMAT	ION
Index	DG	Data Name Notes and Codes			ecommended tributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attrib	utes
188-0	02 400	HAZMAT - Lading Quantity Use the value zero (0). [T_9 D-15 54/79]	М	N0	1/1	2	170	0	1	100	2	LH1	LH102	80	М	N0	1/7
189 Qualifi	er	500 HL SEGMENT - ITO Quality Management Info C Loop LOOP CONDITION: Use if the shipper needs to report quality control information	on, DC	3 500 m	ust appear.	2	structu	ure, such em data.	ı as relat	ing line-it	em dat	a to ship	tail informati ment data, a	and pack			
189	9-01 50	00 Detail - ITO Quality Management Info Loop Qualifier Use the value '1' for the first HL loop and increment by 1 for each successive H regardless of usage of the HL loop. This segment begins the loop used to carry Quality Management Information.		N0	1/12	2	the tra	nsaction ences of	set. For f the HL rent and	example segment,	e, HL01 in whic	could be	HL01 ber for each e used to ind the value of y one in eac	dicate the	numb	the HL per of 1"1" for	the
189-0	3 500	Hierarchical Level Code This code identifies the ITO Quality Management Information Loop. AD - Administrative Information	M	ID	2/2	2	up to t	the next to indicat	occurrer e that su	ice of an ibsequen	HL seg t segm	ment in the	HL03 ments follow the transacti ne HL loop fo	on. For e	xamp	le, HL03	3 is
190	:	500 N9 SEGMENT - Reason (Not Lowest Cost) SEGMENT CONDITION: Required only if HL SEGMENT - ITO Quality Manage Qualifier is used.	C ment	Info Loc	op	2				> 1 · N903 is n N905 is							

	PORTATION EDI CONVENTION														000.	R.004010
190-01	500 Reason (Not Lowest Cost) Qualifier	M	ID	2/2	2	100	0	10	>1	1	HL	N901	128	М	ID	2/3
	This qualifier must appear if not lowest cost is used.															
	25 - Reason Not Lowest Cost Code															
190-02 5	500 Reason (Not Lowest Cost)	М	AN	1/30	2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
	Code that identifies the 'Reason Not Lowest Cost' service provided	as defined by the														
	"Freight Lading Bill Reason Code" table found in USTranscom Refe	erence Data Manaç	gement													
	(TRDM), mirrored at															
	http://www.transcom.mil/dteb/files/refdata/V_D_FRGHT_LDNG_BL	.4_CD.htm. [T_9 D-	-13 78/7	9]												
91	500 L0 SEGMENT - Quality Control	С			2	145	0	1	20	2	L0					
	LOOP CONDITION: This segment is required only if HL SEGMEN	NT - ITO Quality M	anagem	ent Info Loop		If eithe	er L002	or L003	is prese	nt, then	the other	er is required	i.			
	Qualifier is used.					If eithe	er L004	or L005	is prese	nt, then	the other	er is required	i.			
						If eithe	er L006	or L007	is prese	nt, then	the other	er is required	i.			
						If eithe	er L008	or L009	is prese	nt, then	the other	er is required	i.			
						If L011	1 is pre	sent, the	n L004 i	s require	ed.					
						If eithe	er L013	or L015	is prese	nt, then	the other	er is required	i.			
191-01 5	500 Item Qualifier	М	N0	3/3	2	145	0	1	20	2	L0	L001	213	0	N0	1/3
	Use value '500' to satisfy X12 syntax for the Not Lowest Cost Char	ge Difference Loop														

		DoD INFORMATION				X12 SE	SMENT IN	FORMATI	ON			X12 ELEME	NT IN	FORMA	ΓΙΟΝ
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Attı	ributes
192		500 L1 SEGMENT - Not Lowest Cost Charge Difference SEGMENT CONDITION: Required if and only if L0 S Control is used.	C SEGMENT - Qualit	2	At least o	one of L10	20 03 is preser 4, L105, or l 15 is presen	_106 is requ	uired.			·			
192-	04 5	00 Not Lowest Cost Charge Difference Use value zero (0) if no charge difference is available	M N2 1/12	2			18 is presen			•	L104	58	С	N2	1/12
193		600 HL SEGMENT - Transportation Working Capital Fund (TWCF) Recovery Fee Loop LOOP CONDITION: Required for all Defense Freig Services (DFTS) shipments.	C ht Transportation	2	structure	, such as r data.		item data to	shipmen	data, and	using a hiera I packaging o e.				
193-0	01 60	Use the value '1' for the first HL loop and increment by 1 th HL loop regardless of usage of the HL loop. This segment begins describe the TWCF recovery fee associated to DFTS shipments.		2	the trans	action set. ces of the segment a	For exampl	e, HL01 co t, in which c	uld be use case the va	d to indica	ate the numb 01 would be			AN	1/12
193-0	3 60	0 Hierarchical Level Code	M ID 2/2	2	010	М	1	>1	1	HL	HL03	735	М	ID	1/2

IKAN	NSPORTATION EDI CONVENTION														858.R.0040
	This code identifies the TWCF Recovery Fee Loop.														
	CT - Cost Type								•		ng the current H	•			
					•			_			n. For example				
	<i>Use 'CT' to denote Transportation</i>						•	•		•	rm a logical gro	uping of			
	Working Capital Fund (TWCF) Recovery Fee.				data ref	erring to s	hipment, or	rder, or item	ı-level info	rmation.					
94	600 L0 SEGMENT - Transportation C			2	145	0	1	20	2	L0					
	Working Capital Fund														
	(TWCF)														
	Recovery Fee Loop Identifier														
	LOOP CONDITION: Required if and only if HL SEGME	NT			If either	L002 or L	003 is pres	ent, then th	e other is	reauired.					
	Transportation Working Capital Fund (TWCF) Recovery F							ent, then th		•					
	Loop is used.				If either	L006 or L	007 is pres	ent, then th	e other is	required.					
					If either	L008 or									
					L009 is	present, tl	nen the oth	er is require	ed.						
					If L011 i	s present,	then L004	is required							
					If either	L013 or L	015 is pres	ent, then th	e other is	required.					
194-0	01 600 TWCF Recovery Fee Loop Identifier M Use value '600' to indicate TWCF Recovery Fee loop.	N0	3/3	2	145	0	1	20	2	LO	L001	213	0	N0	1/3
95	600 L1 SEGMENT - Transportation C			2	150	0	20	20	2	LO					
	Working Capital Fund														
	(TWCF)														
	Recovery Fee														
	Recovery ree														
	SEGMENT CONDITION: Required if and only if L0	SEG	MENT		If either	L102 or L	103 is pres	ent, then th	e other is	required.					
	Transportation Working Capital				At least	one of L1	04, L105, o	or L106 is re	quired.						
	Fund (TWCF) Recovery Fee Loop Identifier is used.				If either	L114 or L	115 is pres	ent, then the	e other is i	required.					
					If either	L117 or L	118 is pres	ent, then the	e other is i	required.					
		R	1/7	2	150	0	20	20	2	LO	L102	60	С	R	1/9
195-0	2 600 TWCF Recovery Fee Rate G		.,.			ŭ			_				·	••	., 0
195-0	2 600 TWCF Recovery Fee Rate C ELEMENT CONDITION: Used to pass the TWCF Recovery per the DFTS	Fee r	ate applied												
195-0	ELEMENT CONDITION: Used to pass the TWCF Recovery	Fee r	ate applied	ı											
	ELEMENT CONDITION: Used to pass the TWCF Recovery per the DFTS contract.	Fee r	ate applied	2	150	0	20	20	2	LO	L103	122	С	ID	2/2

		DoD INFORMATION						X12 SE	GMENT IN	IFORMAT	TION			X12 ELEN	IENT IN	IFORM <i>A</i>	TION
Index	DG	Data Name Notes and Codes		Recom	oD imended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Att	ributes
195-0	4 600	TWCF Recovery Fee The charge allowed for TWCF recovery fee.	М	N2	1/8	2	150	0	20	20	2	L0	L104	58	С	N2	1/12
195-	08 600	TWCF Recovery Fee Service Identifier 615 - Recovery Fee <i>>Use '615' to denote Transportation Working Capital Fund (TWCF) Recovery Fee.</i>	M	ID	3/3	2	150	0	20	20	2	LO	L108	150	0	ID	3/3
196		990 L3 SEGMENT - Bill of Lading Totals M				3	If either If either If L312 i	L303 or L3 L309 or L3 s present,	1 302 is presei 304 is presei 310 is presei then L301 is 315 is presei	nt, then the nt, then the required.	other is re other is re	quired. quired.					
196-	05 990	Total Charge for Shipment Estimated or calculated charge for entire shipm	M nent.	N2	1/12	3	010	0	1				L305	58	0	N2	1/12
196-0	990	Total Cube of Shipment [T_0 77/80]	С	R	1/8	3	010	0	1				L309	183	С	R	1/8
196-	10 990	Total Cube of Shipment Qualifier ELEMENT CONDITION: This qualifier must appea (L309) is used. E - Cubic Feet	C or if to	ID tal cube	1/1 e of shipmen	3 it	010	0	1				L310	184	С	ID	1/1
		F - 100 Board Feet															
		G - Gallons															
		H - Hundreds of Measurement Tons															
		S - Measurement Ton															

								0001111001010
3	010	0	1	L311	80	0	N0	1/7
3	020	M	1					
	SE is the	last segn	nent of each transaction set.					
3	020	М	1	SE01	96	М	N0	1/10
-	3	3 020 SE is the	3 020 M SE is the last segn	3 020 M 1 SE is the last segment of each transaction set.	3 020 M 1 SE is the last segment of each transaction set.	3 020 M 1 SE is the last segment of each transaction set.	3 020 M 1 SE is the last segment of each transaction set.	3 010 O 1 L311 80 O N0 3 020 M 1 SE is the last segment of each transaction set.

		DOD INFORMATION					X12 S	EGM	ENT IN	IFORM.	ATION		X12 EL	EMENT	INF	ORMAT	ION
Index	DG	Data Name Notes and Codes			ommended ibutes	Tabl	Pos		Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attrib	utes
197-02	10	Transaction Set Control Number This data element ends the transaction set and should match the number the ST02 that begins the transaction set.	M nat ap	AN pears in	4/9	3	020	М	1				SE02	329	M	AN	4/9

		DoD INFORMATION				X12	SEGI	MENT	INFO	ORMA	TION	١			LEMEN	
Index	DG	Data Name Notes and Codes			commended tributes	Tabl	Pos		Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE #	Attr	ibutes
1	10	ST SEGMENT - Bill of Lading Header	М			1	010	М	1							
1-01	10	Transaction Set Identifier Code 858 - Shipment Information	М	ID	3/3	1	010	M	1				ST01	143	M ID	3/3
1-02	10	Transaction Set Control Number The application and structure of the control number must be agreed upon between trading partners. (For example, some applications use all nine digits where the first five might indicate a group control number and the last four represent the sequence of the transaction set within the functional group. Also, the entire nine digit field may simply represent the sequence of the transaction set generated by a trading partner.)	M	AN	4/9	1	010	M	1				ST02	329	MAN	4/9
2	10	BX SEGMENT - Bill of Lading Number	М			1	030	М	1							
2-01	10	Transaction Set Purpose Code [T_0 53/53] 00 - Original	М	ID	2/2	1	030	М	1				BX01	353	M ID	2/2
		01 - Cancellation 04 - Change														
		14 - Advance Notification														
		20 - Final Transmission														
2-02	10	Transportation Method Code (Mode Code) [T_0 27/27] See Section 6 for list of data values.	М	ID	1/2	1	030	M	1				BX02	91	M ID	1/2
2-03	10	Method of Payment Use only 'TP' for ocean shipments only. CC - Collect	M	ID	2/2	1	030	M	1				BX03	146	M ID	2/2
		CD - Collect on Delivery														

		OKIAHON EDI GONVENTION										70 7 010
		PP - Prepaid (by Seller)										
		TP - Third Party Pay										
2-04	10	Bill of Lading/Shipment ID Number Carry either original or most recent bill of lading number or shipment identification number here. For ocean shipments, use TCN as shipment identifier. Do not use any punctuation or special characters. [T_2 30/46]	М	AN	8/30	1	030 M	1	BX04	145	OAN	1/30

		DoD INFORMATION							EGME				_		EMENT MATION
Index	DG	Data Name Notes and Codes			commended tributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE #	Attributes
2-05		10 Transportation Company Tendered To (SCAC) Use SCAC of origin carrier. SCAC should be validated against the National Motor Freight Traffic Association (NMFTA) SCAC reference file. For ocean shipments, enter 'NONE' if carrier is unknown. This entry represents the booked carrier for ocean shipments, not the carrier that actually transports the shipment. For Defense Transportation Coordination Initiative (DTCI) or Defense Freight Transportation Services (DFTS) shipments, enter the DTCI or DFTS coordinator's SCAC. SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.	M	ID	2/4	1	030	М	1				BXC	05 140 (O ID 2/4
2-07	1	0 Bill Purpose/Application Type Code A - Sub for Assembly	M	ID	1/1	1	030	М	1				BX0)7 147 (O ID 1/1
		Use 'A' to denote OCEAN CARGO SHIPPING INSTRUCTIONS Break-Bulk.													
		B - Bill of Lading for Individual Shipment													
		C - Consolidated Shipment													
		Use 'C' to denote OCEAN CARGO SHIPPING INSTRUCTIONS Consolidation Header (Stand-Alone).													
		E - Empty Equipment Billing (Non-Revenue)													

	Use 'E' to denote								
	OCEAN CARGO SHIPPING INSTRUCTIONS Container (Skeleton SI).								
	F - Stop-off Shipment								
	Use								
	'F' to denote Negotiated Rates for Foreign Military Sales Bills of Lading.								
	G - Switch								
	Waybill								
	Use 'G' to denote Negotiated Rates for Tailored Transportation Contract Traffic Bill								
	of								
	Lading.								
	M - Master Bill of Lading for Assembly, Distribution and Volume Shipment								
	Use 'M' to								
	denote Commercial Rates for Foreign Military Sales Bills of Lading.								
	Z - Commercial Zone								
	Pick-up								
	Use 'Z' to denote OCEAN CARGO SHIPPING INSTRUCTIONS Container								
2-09	10 Vehicle Fully Loaded (Capacity Load Status)	С	ID	1/1	1	030 M	1	BX09 195 O ID	1/1
	ELEMENT CONDITION: Include if shipment is tendered as truckload.								
	F - Full Capacity								

		DoD INFORMATION					X12	SEGM	ENT IN	FORMA	TION	I	X12 EL	EMENT	INFC	RMAT	ION
Index	DG	Data Name Notes and Codes		DoD Reco		Tabl	Pos	Req Des		Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attril	outes
2-10	10	Defense Transportation Tracking System Reporting Qualifier Use of this element results in immediate Military Surface Deployment and Dist Command (SDDC) processing for DTTS shipments. ELEMENT CONDITION: Include if the Defense Transportation Tracking Syste required. R - Automatic Status Report Requested			1/1	1	030	M	1				BX10	160	0	ID	1/1
2-14	10	Application Type Use the following migration code value to denote the DoD definition as indicate ELEMENT CONDITION: Use when broker. BF - [Migration Code] Broker Files	C ed:	ID	2/2	1	030	М	1				BX14	346	0	ID	2/2
3	10	BNX SEGMENT - Shipment Weight and Billing SEGMENT CONDITION: Use when weight and billing data are required.	С			1	040	0	1								
3-01	10	Shipment Weight Code [T_0 15/15] A - Shipper's Weight Agreement	M	ID	1/1	1	040	0	1				BNX01	460	0	ID	1/1
3-03	10	Billing Code S - Single Shipment Billing	М	ID	1/1	1	040	0	1				BNX03	11	0	ID	1/1
4	10	N9 SEGMENT - Transaction Content ID SEGMENT CONDITION: Required for all shipments except by ocean.	С			1			30 of N902 esent, the								
4-01	10	Transaction Content ID Qualifier FI - File Identifier	М	ID	2/2	1	060	0	30				N901	128	М	ID	2/3

		DoD INFORMATION				X12	SEG	MENT	INFO	RMAT	ION				LEMEN	
Index	DG	Data Name Notes and Codes			commended ributes	Tabl	Pos	Req I Des I	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#	Att	ributes
4-02	10	Transaction Content ID This data element identifies the application contents of the 858. The following DoD-unique codes should be used by all trading partners to identify the data content in the transaction set: CI - Cost Information	М	AN	2/2	1	060	0 ;	30				N902	127	C AN	1/30
		CR - Cost Request														
		DC - Doubtful Claim														
		SC - Shipment and Cost Information														
		SI - Shipment Information														
		SM - Supplemental Claim														
		SP - Supplemental Bill														
5	10	N9 SEGMENT - Route Order/Release No/Emergency Routings	С			1	060	0 :	30							
		SEGMENT CONDITION: Include this segment when moving a Tailored Transportation Contra (TTC) Traffic or SDDC routed shipment.	act					st one o 06 is pres								
5-01	10	Route Order/Release No/Emergency Routings Qualifier RG - Route Order Number-Domestic	М	ID	2/2	1	060	О :	30				N901	128	M ID	2/3
		RH - Route Order Number-Export														
		RJ - Route Order Number-Emergency														
5-02	10	Route Order/Release No/Emergency Routings	М	AN	10/10	1	060	0 :	30				N902	127	C AN	1/30

6	10	N9 SEGMENT - Carrier Way/Freight Bill Number	С			1	060 O	30				
		SEGMENT CONDITION: Include this segment if the freight bill number is available.						e of N902 or N903 is requi present, then N905 is requ				
6-01	10	Carrier Way/Freight Bill Number Qualifier CN - Carrier's Reference Number (PRO/Invoice)	М	ID	2/2	1	060 O	30	N901	128	M ID	2/3
6-02	10	Carrier Way/Freight Bill Number	М	AN	1/30	1	060 O	30	N902	127	C AN	I 1/30
6-04	10	Carrier Way/Freight Bill Date	С	DT	8/8	1	060 O	30	N904	373	O D1	8/8
7	10	N9 SEGMENT - Authority Number (Contract/PO) SEGMENT CONDITION: Use this segment if an authority number applies to the shipment.	С			1		30 e of N902 or N903 is requi present, then N905 is requ				

		DoD INFORMATION				X12	SEG	MEN	TINFO	ORMA	TION		X12 EL	EMEN	T INFO	RMATION
Index	DG	Data Name Notes and Codes			Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#	Att	ributes
7-01	10	Authority Number (Contract/PO) Qualifier CT - Contract Number	М	ID	2/2	1	060	0	30	•		•	N901	128	M ID	2/3
		PO - Purchase Order Number														
7-02	10	Authority Number (Contract/PO) Movements under contracts need to reflect the subcontract number for ocean shipme	M nts.	AN	1/30	1	060	0	30				N902	127	C AN	1/30
7-04	10	Authority Number (Contract/PO) Date	С	DT	8/8	1	060	0	30				N904	373	O DT	8/8
8	10	N9 SEGMENT - Service Agency Code SEGMENT CONDITION: Use for Tailored Transportation Contract (TTC) Traffic only; for DLA. GFM will not cost DLA TTC shipments.	C not use	d		1		ast one		02 or N then N						
8-01	10	Service Agency Code Qualifier SV - Service Charge Number	M	ID	2/2	1	060	0	30				N901	128	M ID	2/3
8-02	10	Service Agency Code A - Army	M	AN	1/1	1	060	0	30				N902	127	C AN	1/30
		B - Defense Mapping Agency														
		F - Air Force														
		M - Marine Corps														
		N - Navy														
		P - Coast Guard														
		S - Defense Logistics Agency														
		U - GSA														

		W - Army and AF Exchange										
		X - Multi-Service										
		Y - Non DoD - except Coast Guard										
9	10	N9 SEGMENT - Container TCN	С			1	060 O	30				
		SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS	S. Not us	ed otherwise).			e of N902 or N903 is requi present, then N905 is requ				
9-01	10	TCN for Each Container Qualifier TG - Transportation Control Number (TCN)	M	ID	2/2	1	060 O	30	N901	128	M ID	2/3
9-02	10	TCN for Each Container	M	AN	17/17	1	060 O	30	N902	127	C AN	1/30

		DoD INFORMATION					X12 S	EGMI	ENT IN	IFORM	ATIO	1	X12 EL	EMEN	T INF	ORMA	ATION
Index	DG	Data Name Notes and Codes	Do		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	butes
10	10	N9 SEGMENT - Container Transportation Tracking Number (TTN) SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS was cargo and Transportation Tracking Number is applicable.	C hen r	moving ur	nit move	1				2 or N90 then N90							
10-01	10	Container Transportation Tracking Number (TTN) Qualifier M 18 - Plan Number Use '18' to denote Container Transportation Tracking Number (TTN) Qualifier.	ID	2/2		1	060	0	30				N901	128	M	ID	2/3
10-02	10	Container Transportation Tracking Number (TTN)	М	AN	17/17	1	060	0	30				N902	127	С	AN	1/30
11	10	N9 SEGMENT - Carrier Booking Number SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS - used otherwise.	C Direc	t Booking	. Not	1				2 or N90 then N90							
11-01	10	Carrier Booking Number Qualifier BN - Booking Number	M	ID	2/2	1	060	0	30				N901	128	М	ID	2/3
11-02	10	Carrier Booking Number	М	AN	17/17	1	060	0	30				N902	127	С	AN	1/30
12	10	N9 SEGMENT - Trade Route Number SEGMENT CONDITION: Required for ocean shipments. Identifies the trade route a shi was booked/moved on.	C pmer	nt		1				2 or N90 then N90							
12-01	10	Trade Route Number Qualifier RU - Route Number	М	ID	2/2	1	060	0	30				N901	128	М	ID	2/3

12-02	10	Trade Route Number	М	AN	1/4	1	060	0	30	N902	127	С	AN	1/30
13	10	N9 SEGMENT - Vessel Name SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS used otherwise.	C S - Direc	ct Bookir	ng. Not	1		east or	30 ne of N902 or N903 present, then N905	•				
13-01	10	Vessel Name Qualifier ABS - Vessel Name	M	ID	3/3	1	060	0	30	N901	128	М	ID	2/3
13-02	10	Vessel Name Shippers should take great care in spelling vessel name correctly.	М	AN	1/30	1	060	0	30	N902	127	С	AN	1/30

		Dod INFORMATION					X12 S	EGME	NT IN	FORI	OITAN	N	X12 El	EMEN	IT IN	FORM	MATION
Index	DG	Data Name Notes and Codes	Do		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attril	outes
14	10	N9 SEGMENT - Carrier Voyage Number	С			1	060	0	30		1	1					
		SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS.									03 is re 905 is re						
14-01	10	Carrier Voyage Number Qualifier V3 - Voyage Number	M	ID	2/2	1	060	0	30				N901	128	M	ID	2/3
14-02	10	Carrier Voyage Number	М	AN	1/10	1	060	0	30				N902	127	С	AN	1/30
15	10	N9 SEGMENT - 3rd Party Logistics Coordinator Internal C Order Number				1	060	0	30								
		SEGMENT CONDITION: Use for shipments with an internal order number assigned by a 3rd Party Logistics (DTCI or DFTS) coordinator's transportation management system and provided in the EDI Transportation Service Response transaction to the shipper.									03 is re 905 is re	•					
15-01	10	3rd Party Logistics (DTCI or DFTS) Internal Order Number Qualifier CB - Combined Shipment	M	ID	2/2	1	060	0	30				N901	128	М	ID	2/3
		Use 'CB' to denote DTCI Coordinator Internal Order Number.															
		RE - Release Number															
		Use 'RE' to denote Defense Freight Transportation Services (DFTS) Internal Order Number.															
15-02	10	3rd Party Logistics (DTCI or DFTS) Internal Order Number Enter the internal order number assigned by the 3rd Party Logistics (DTCI or DFTS) coordinator's transportation management system and provided in the EDI Transportation Service Response transaction to the shipper.	М	AN	1/30	1	060	0	30				N902	127	С	AN	1/30
16	10	Y7 SEGMENT - Transportation Priority Code	С			1	080	0	1								

		SEGMENT CONDITION: Use this segment if Military Standard Requisitioning and Issue Procedures (MILSTRIP) apply.						If ei	ither Y702 or Y703 is p	resent, then the	other is r	equire	d.	
16-01	10	Transportation Priority Code	М	N0	1/1	1	080	0	1	Y701	467	0	N0	1/1
		1 - Level 1 2 - Level 2												
		3 - Level 3												
17	10	C3 SEGMENT - Currency Code	С			1	090	0	1					
		SEGMENT CONDITION: This segment indicates the currency used for the bill of lading. The	e											
		segment is not required and will not be used when currency is in U.S. Dollars.					Curre amou are sp	nts	implied by the code fo	or the country in	whose cu	rrency	the m	onetary

		DoD INFORMATION					X12 S	EGME	NT INI	FORM	ATIO	N	X12 EL	EMENT	ΓINF	ORN	IATION
Index	DG	Data Name Notes and Codes	Dol	O Recom		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attril	outes
17-01	10	Currency Code SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.	M	ID	3/3	1	090 C301	O is the	1 billing cu	urrency.			C301	100	M	ID	3/3
18	10	G62 SEGMENT - Bill of Lading/Shipping Instruction Prepared Date	M			1	If eith G620 If eith	ast one ner G62 02 is pre ner G62	esent, th	en the	other i	s requi	red.				
18-01	10 [Date Bill of Lading/Shipping Instruction Prepared Date Qualifier 76 - Bill of Lading	М	ID	2/2	1	110	0	10				G6201	432	С	ID	2/2
18-02	10 [Date Bill of Lading/Shipping Instruction Prepared Date The date on which the bill of lading was printed at the origin installation.	М	DT	8/8	1	110	0	10				G6202	373	С	DT	8/8
19	10	G62 SEGMENT - Desired/Required Delivery	M			1	If eith G620 If eith	ast one ner G62 02 is pre ner G62	esent, th	en the	other i	s requi	red.				

					_								_ · ·
19-01 10	Desired/Required Delivery Date Qualifier This qualifier must appear if desired/required delivery date is used. Under applicable ocean contracts, the Contract Delivery Date will take precedence over the Required Delivery Date. Code '67' used only for 3rd Party Logistics (Defense Transportation Coordination Initiative (DTCI) or Defense Freight Transportation Services (DFTS))	М	ID	2/2	1	110	0	10	G6201	432	С	ID	2/2
	shipments. 54 - Deliver No Later Than Date												
	Use '54' to denote Required Delivery Date.												
	67 - Delivered By This Date												
	Use '67' to denote Mandatory Delivery Date.												
	68 - Requested Delivery Date												
	Use '68' to denote Desired Delivery Date.												
19-02 10	Desired/Required Delivery Date	М	DT	8/8	1	110	0	10	G6202	373	С	DT	8/8
20 10	G62 SEGMENT - Carrier's Pickup	С			1	110	0	10					
	SEGMENT CONDITION: Not required for ocean shipments. Required for all other shipment information transactions except advanced shipment notification.					If eith G620 If eith	ner G6 02 is pr ner G6	e of G6201 or G6203 is requ 201 or resent, then the other is requ 203 or resent, then the other is requ	uired.				

		DoD INFORMATION					X1:	2 SEGN	IENT IN	FORMA	TION		X12	ELEMEN	T INF	ORMAT	ION
Index		Data Name Notes and Codes		DoD Recor		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attrib	utes
20-01	10	Carrier's Pickup Date Qualifier SDDC will accept only code value '86' from shippers. 86 - Actual Pickup Date	M	ID	2/2	1	110	0	10				G6201	432	С	ID	2/2
20-02	10	Carrier's Pickup Date	М	DT	8/8	1	110	0	10				G6202	373	С	DT	8/8

110	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	OKTATION EDI CONVENTION												.K.004010
20-03	10	Carrier's Pickup Time Qualifier ELEMENT CONDITION: This element is required for Defense T (DTTS) shipments. 8 - Actual Pickup Time			1/1 ng System	1	110	0	10	G6203	176	С	ID	1/2
20-04	10	Carrier's Pickup Time Use format HHMM. ELEMENT CONDITION: This element is required for DTTS ship	C oments.	TM	4/8	1	110	0	10	G6204	337	С	TM	4/8
20-05	10	Time Zone Indicator If DTTS shipment, this segment occurs twice; once with code vand once with 'GM' for Greenwich time. If shipment is other that time only. Repeat G6201 and G6202 for both occurrences of th SOURCE: ISO 8601 available from American National Standard GM - Greenwich Mean Time LT - Local Time	n DTTS, e segme	use 'LT' loca nt.		1	110	0	10	G6205	623	0	ID	2/2
21	10	G62 SEGMENT - Date Shipped to POE SEGMENT CONDITION: Use only for ocean shipments.	С			1	If eithe	r G620		quired. then the other is required. then the other is required.				
21-01	10	Date Shipped to POE Qualifier 10 - Requested Ship Date/Pick-up Date	М	ID	2/2	1	110	0	10	G6201	432	С	ID	2/2
21-02	10	Date Shipped to POE	М	DT	8/8	1	110	0	10	G6202	373	С	DT	8/8
22	10	G62 SEGMENT - Adjusted Date Shipped to POE SEGMENT CONDITION: Use only for ocean shipment.	С			1	If eithe	r G620	•	quired. then the other is required. then the other is required.				
22-01	10	Adjusted Date Shipped to POE Qualifier BB - Transaction Control Date	М	ID	2/2	1	110	0	10	G6201	432	С	ID	2/2

		DoD INFORMATION					X12	SEGME	NT INFOR	MATION			X12 ELEME	ENT INFORM	ATION	
Index	DG	Data Name Notes and Codes		DoD Red	ommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#	Att	tributes
22-02	10	Adjusted Date Shipped to POE	С	DT	8/8	1	110	0	10		ı	ı	G6202	373	С	DT
22-03	10	Adjusted Time Shipped to POE Qualifier W - Effective Time	М	ID	1/1	1	110	0	10				G6203	176	С	ID
22-04	10	Adjusted Time Shipped to POE Use format HHMMSS.	М	TM	6/6	1	110	0	10				G6204	337	С	ТМ
22-05	10	Adjusted Time Code SOURCE: ISO 8601 available from American LT - Local Time	M n Natio	ID onal Stan	2/2 dards Institute	1	110	0	10				G6205	623	0	ID
23	10	G62 SEGMENT - Delivery SEGMENT CONDITION: Use segment when	C ı date	of delive	y is available.	1	If either	G6201 or	10 6201 or G62 G6202 is pr G6204 is pr	resent, then	the other					
23-01	10	Date of Delivery Qualifier 35 - Delivered on This Date	М	ID	2/2	1	110	0	10				G6201	432	С	ID
23-02	10	Date of Delivery	М	DT	8/8	1	110	0	10				G6202	373	С	DT
24	10	G62 SEGMENT - Sailing Date SEGMENT CONDITION: Required for OCE Not used otherwise.	C EAN C	CARGO S	SHIPPING INSTRUCTIONS	1	If either	G6201 or	10 6201 or G62 G6202 is pr G6204 is pr	resent, then	the other					
24-01	10	Sailing Date Qualifier 05 - Sailing Date	М	ID	2/2	1	110	0	10				G6201	432	С	ID

24-02	10	Sailing Date	М	DT	8/8	1	110	0	10	G6202	373	С	DT
25	10	PER SEGMENT - Shipment Contact	С			1	120	0	3				
		SEGMENT CONDITION: Use segment wher person receiving shipment.	n telep	ohone co	ontact may be required with		If either F	PER05 or	PER04 is present, then the other is required. PER06 is present, then the other is required. PER08 is present, then the other is required.				
25-01	10	Shipment Contact Qualifier IC - Information Contact	М	ID	2/2	1	120	0	3	PER01	366	М	ID

		DoD INFORMATION					:	X12 SEC	MENT II	NFORMA	TION		х	(12 ELEM	ENT IN	IFORM.	ATION
Index	DG	Data Name Notes and Codes	Do		ommended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
25-03	10	Shipment Contact Qualifier AU - Defense Switched Network	М	ID	2/2	1	120	0	3		•	•	PER03	365	С	ID	2/2
		FT - Federal Telecommunications System (FTS)															
		TE - Telephone															
25-04	10	Shipment Contact Telephone No. Telephone number of shipment POC.	М	AN	7/21	1	120	0	3				PER04	364	С	AN	1/80
26	10	PER SEGMENT - Emergency Response Telephone No.	С			1	120	0	3								
		SEGMENT CONDITION: Use segment when shipm telephone contact.	ent r	equires	an emergenc	у	If eithe	r PER05	or PER06	is present, is present, is present,	then the o	other is r	equired.				
26-01	10	Emergency Response Telephone No. Function Code EF - Emergency Contact-Military Traffic Management Con (MTMC)	M nmand	ID	2/2	1	120	0	3				PER01	366	M	ID	2/2
		Use 'EF' to denote Emergency Contact - Military Surface Deployment and Distribution Command (SDDC).															
26-02	10	Contact Name	М	AN	1/60	1	120	0	3				PER02	93	0	AN	1/60
26-03	10	Emergency Response Telephone No. Qualifier AU - Defense Switched Network	M	ID	2/2	1	120	0	3				PER03	365	С	ID	2/2
		IT - International Telephone															
		TE - Telephone															

26-04	10	Emergency Response Telephone No.	М	AN	7/21	1	120	0	3	PER04	364	С	AN	1/80
27	72	F9 SEGMENT - Originating Railroad Station SEGMENT CONDITION: Use to designate origination railroad station as applicable.	С			1	140	0	1					
27-02	72	Originating Railroad Station Name of railroad station where shipment originated.	М	AN	2/19	1	140	0	1	F902	19	М	AN	2/30
		, ,					F902 is	the origi	n station for movement.					
27-03	72	State of Originating Railroad Station SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	M	ID	2/2	1	140	0	1	F903	156	М	ID	2/2

		DoD INFORMATION				X12	SEGI	MENT	INFO	RMAT	ΓΙΟΝ				LEMEN	
Index	DG	Data Name Notes and Codes			ecommended ttributes	Tabl	Pos		Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE #	Attr	ibutes
27-08	72	SPLC of Originating Railroad Station SOURCE: Continental Directory of Standard Point Location Codes (SPLC) available from National Motor Freight Traffic Association, Inc.	С	ID	9/9	1				ard Poi	int Lo	cation	F908 Code (S	154 SPLC) 1	O ID	6/9 ty named
28	71	D9 SEGMENT - Destination Railroad Station SEGMENT CONDITION: Use to designate destination railroad station as applicable.	С			1	150	0	1							
28-02	71	Destination Railroad Station Name of railroad station where shipment will terminate.	М	AN	2/19	1	150 D902		1 e destin	ation st	ation	of mo	D902	19	M AN	1 2/30
28-03	71	State of Destination Railroad Station SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	М	ID	2/2	1	150	0	1				D903	156	M ID	2/2
28-08	71	SPLC of Destination Railroad Station SOURCE: Continental Directory of Standard Point Location Codes (SPLC) available from National Motor Freight Traffic Association, Inc.	С	ID	9/9	1				lard Po	int Lo	catior	D908	154 SPLC)	O ID	6/9 ty named
29	10	R2 SEGMENT - Interline or 3PL Carrier SEGMENT CONDITION: For non-3PL coordinated shipments (Defense Transportation Coordination Initiative (DTCI) or Defense Freight Transportation Services (DFTS)) use this segment if interline carriers are used during shipment. However, shipper systems are not required to provide Interline Carrier Routing information for rail movements. For 3PL shipments (DTCI or DFTS), use this segment to identify the carrier to whom the 3PL coordinator has assigned the shipment.	C			1	170 If R2		13 present,	, then F	2207 i:	s requ	iired.			
29-01	10	Via (Routing) SCAC For non-3PL coordinated shipments (DTCI or DFTS) enter SCAC of interline and destinate carrier(s) in sequence after origin carrier. The origin carrier should not be included in an interline list. For 3PL coordinated shipments (DTCI or DFTS), enter the SCAC of the carrier to whom the 3PL coordinator assigned the shipment. SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STANMF 101 Series available from National Motor Freight Association, Inc.		ID	2/4	1	170	0	13				R201	140	M ID	2/4

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

FREIGHT BILL OF LADING SHIPMENT INFORMATION 858.R.004010

		DoD INFORMATION					X12	SEC	SMENT	INFO	ORMA	TION				LEMEN RMATIO	
Index	DG	Data Name Notes and Codes			Reco Attrib	mmended outes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE #	Attri	butes
29-02	10	Via (Routing) SCAC Qualifier Use 'B' for 3PL shipments (DTCI or DFTS) to indicate the carrier the 3PL coordinator assigned to the shipment. 1 - 1st Carrier after Origin Carrier	М	ID		1/1	1	17	00	13				R202	133	M ID	1/2
		2 - 2nd Carrier after Origin Carrier															
		3 - 3rd Carrier after Origin Carrier															
		4 - 4th Carrier after Origin Carrier															
		5 - 5th Carrier after Origin Carrier															
		A - Origin Carrier, Agent's Routing (Rail)															
		B - Origin/Delivery Carrier (Any Mode)															
		D - DELY (Delivery Switch Carrier)															
		H - Haulage Rights Carrier and Junction															
		I - Origin Switch Carrier															
		M - Haulage Movement Carrier and Junction															
		O - Origin Carrier (Air, Motor, or Ocean)															
		R - Origin Carrier, Rule 11 Shipment															
		S - Origin Carrier, Shipper's Routing (Rail)															
		V - Intermediate Switch Carrier															

INA	INSE	ORTATION EDI CONVENTION				ı					030.K	.004010	
		Z - Mutually Defined											
29-03	10	Via (Routing) Location	С	AN	2/30	1	170 O	13	R203	19	O AN	2/30	
							R203 is the shipments		name at which car	riers inte	erchange		
							•						
29-04	10	Via (Routing) SPLC	С	ID	9/9	1	170 O	13	R204	154	O ID	6/9	
		SOURCE: Continental Directory of Standard Point Location Codes (SPLC)											
		available from National Motor Freight Traffic Association, Inc.											
30	10	R4 SEGMENT - POE	С			1	180 O	5					
		SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS. Not used otherwise.						If either R402 or R403 is present, then the other is required.					
		·						·	,				
							R4 is required for each port to be identified.						
30-01	10	Port or Terminal Function Code	М	ID	1/1	1	180 O	5	R401	115	M ID	1/1	
		L - Port of Loading (Operational)											

		DoD INFORMATION				X12	2 SEGI	MENT	INFO	RMAT	TION			X12 E			
Index	DG	Data Name Notes and Codes			ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#	,	Attrib	utes
30-02	10	Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) IM - Military Standard Movement Procedures (MILSTAMP)	М	ID	2/2	1	180	0	5				R402	309	С	ID	1/2
30-03	10	POE [T_3 21/23]	С	AN	3/3	1	180	0	5				R403	310	С	AN	1/30
31	10	R4 SEGMENT - POD SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRUCTIONS. Not us	C ed other	rwise.		1		er R40	5 2 or R40 ed for ea				en the othe	er is rec	juired.		
31-01	10	Port or Terminal Function Code D - Port of Discharge (Operational)	М	ID	1/1	1	180	0	5				R401	115	МІ	D	1/1
31-02	10	Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) [T_0 20/20] IM - Military Standard Movement Procedures (MILSTAMP)	M	ID	2/2	1	180	0	5				R402	309	С	ID	1/2
31-03	10	POD [T_3 21/23]	С	AN	3/3	1	180	0	5				R403	310	С	AN	1/30
32	10	H3 SEGMENT - Accessorial/Protective Service SEGMENT CONDITION: Use if shipper orders accessorial services from the carrier. Use also if the Defense Transportation Tracking System (DTTS) is required.	С			1	200 Only		20 H301 or	r H302	? may	be pr	resent.				

32-01	10	Accessorial/Protective Service Ordered Identifier	М	ID	3/3	1	200 O	20	H301	152	C II	2/3
		Order accessorial services with this data element. To order accessorial services, the										
		carrier industry requires the use of the H3 segment. This code also appears in the HL										
		Accessorial/Protective Service (formerly LX 300) loop which is used to cost accessorial										
		services. Do not use this element to order surveillance services; use the next										
		occurrence of the H3 segment.										
		See Section 6.0 for valid code list.										
		SOURCE: Reference Section 6.0 of this IC beginning at page 6.14 for code values using										
		applicable Accessorial										
		Services for Rail Shipments, Accessorial Services for Tailored										
		Transportation Contract Traffic Shipments,										
		Accessorial/Protective Service For Air										
		Shipments, Accessorial/Protective Service For Motor Shipments, Bulk Fuel Shipments,										
		Miscellaneous Services, and Pipeline Shipments tables. Common code values associated										
		with multiple definitions prevents documentation of the entire sub-set.										
		See Section 6 for list of data values.										

		DoD INFORMATION				X12	SEGN	/IENT	INFO	RMA	TION	I			LEMENT RMATION
Index	DG	Data Name Notes and Codes			commended tributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D		DE #	Attributes
33	10	H3 SEGMENT - Actual Surveillance Service and Requesting Party SEGMENT CONDITION: Use this segment when ordering surveillance services.	С			1	200 Only		20 H301	or H3	02 ma	ıy be	present.		
33-02	10	Actual Surveillance Service and Requesting Party Use this data element for requesting Surveillance Services only. See H301 for the applicable code values to enter in this data element. Do not use this data element to order accessorial services. Rather, use the H301 data element in a separate occurrence of the H3 segment for non-surveillance services. Provide the military service code to indicate the requesting party. Military service codes are: A = Army, N = Navy, F = Air Force, M = Marine Corps, P = Coast guard, and S = Defense Logistics Agency. Use a comma for the sub element delimiter between the actual service code and the requesting party.	M	AN	5/5	1	200	0	20				H3(02 153	C AN 2/30
34	10	E1 SEGMENT - Receiving Party For Empty Railcar LOOP CONDITION: Use when shipment employs an empty railcar.	С			1	220 If eith		1 02 or E	2 :103 is	1 s prese	E1 ent, th	nen the ot	her is r	equired.
34-01	10	Name of Receiving Party For Empty Railcar From the bill of lading continuation page.	М	AN	2/30	1	220	0	1	2	1	E1	E101	459	9 M AN 2/30
35	10	E4 SEGMENT - City for Receiving Empty Railcar SEGMENT CONDITION: Use when shipment employs an empty railcar.	С			1	230	0	1	2	1	E1			
35-01	10	City for Receiving Empty Railcar From the bill of lading continuation page.	М	AN	2/19	1	230	0	1	2	1	E1	E401	19	M AN 2/30
35-02	10	State for Receiving Empty Railcar From the bill of lading continuation page. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	M	ID	2/2	1	230	0	1	2	1	E1	E402	156	M ID 2/2
36	10	E5 SEGMENT - Routing SCAC SEGMENT CONDITION: Use if SCAC is applicable.	С			1	240	0	13	2	1	E1			

36-01	10	Routing SCAC for Empty Railcar	М	ID	2/4	1	240 O	13	2	1	E1	E501	140 M ID	2/4
		From the bill of lading continuation page.												
		SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC),												
		NMF 101 Series available from National Motor Freight Association, Inc.												

		DoD INFORMATION)	(12 SEG	MENT IN	NFORMAT	TION		X1	2 ELEME	NT IN	FORMA	ATION
Index	DG	Data Name Notes and Codes	Do	D Recom		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
36-02	10	Routing SCAC Sequence Number From the bill of lading continuation page. 1 - 1st Carrier after Origin Carrier	М	ID	1/1	1	240	0	13	2	1	E1	E502	133	M	ID	1/2
		2 - 2nd Carrier after Origin Carrier															
		3 - 3rd Carrier after Origin Carrier															
		4 - 4th Carrier after Origin Carrier															
		5 - 5th Carrier after Origin Carrier															
37	10	L7 SEGMENT - Tariff Distance SEGMENT CONDITION: Required for all modes except ocean. When used, there are different rules for CONUS and OCONUS mileages. This segment may be repeated up to two times (one for CONUS, the other for OCONUS).	С			1	270	0	30								
37-13	10	Tariff Distance (mileage) Mileage used for rating shipment.	М	N0	1/5	1	270	0	30				L713	294	0	N0	1/5
37-14	10	Distance (mileage) Qualifier M - Miles (Actual)	М	ID	1/1	1	270	0	30				L714	295	0	ID	1/1
		Use 'M' to denote CONUS mileage (used for ocean shipm	nents o	nly).													
		T - Tariff Miles															
		Use 'T' to denote OCONUS mileage.															
38	10	NTE SEGMENT - Change Notice	С			1	280	0	50								

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		SEGMENT CONDITION: Use when Change Notice appli	es.				implem	nentation	s, is not machine	orm information/data processable. The use n automated environi	e of the NTE seg			ore	
38-01	10	Change Notice Qualifier CHG - Change	М	ID	3/3	1	280	0	50		NTE01	363	0	ID	3/3
38-02	10	Change Notice Identifies the kind of change (correction) to the bill of ladi SOURCE: Reference Section 5.0 (DTEB Freight Bill of Lading Shipment Information Implementation Convention) for a description of the indicator code positions and an example of a populated indicator string.	M ng.	AN	8/8	1	280	0	50		NTE02	352	М	AN	1/80
39	10	NTE SEGMENT - Routing Instruction Note SEGMENT CONDITION: Use when routing instruction no	C ote app	ies.		1	implem	nentation	s, is not machine	orm information/data processable. The use n automated environi	e of the NTE seg			ore	

		DoD INFORMATION						X12 SE	GMENT IN	IFORMAT	ΓΙΟΝ			X12 ELEM	ENT IN	IFORMA	TION
Index	DG	Data Name Notes and Codes	Dol		nmended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Att	ributes
39-01	10	Routing Instruction Note (RIN) Code Qualifier INT - General Order Instructions	М	ID	3/3	1	280	0	50		•	•	NTE01	363	0	ID	3/3
39-02	10	Routing Instruction Note (RIN) Code SOURCE: USTRANSCOM J5-PT	М	AN	3/3	1	280	0	50				NTE02	352	M	AN	1/80
40	10	NTE SEGMENT - Load Use SEGMENT CONDITION: Use for Defense Transportation Tracking System (DTTS) shipments.	С			1	implem	entations	•	ine proces	sable. The	use of th	, under ANSI) e NTE segme				
40-01	10	Load Use Qualifier LOI - Loading Instructions	М	ID	3/3	1	280	0	50				NTE01	363	0	ID	3/3
40-02	10	Load Use Instructions EXCLUSIVE NONEXCLUSIVE	M	AN	9/12	1	280	0	50				NTE02	352	М	AN	1/80
41	10	NTE SEGMENT - DoD Classification Instructions SEGMENT CONDITION: Use for Defense Transportation Tracking System (DTTS) shipments.	C			1	implem	entations	-	ine proces	sable. The	use of th	, under ANSI) e NTE segme				
41-01	10	DoD Classification Instructions Qualifier Use to denote the highest security classification of an item within the shipment (i.e. the highest classified Controlled Inventory Item Code (CIIC) within the shipment). CLR - Security Clearance Instructions Use 'CLR' to denote Emergency Contact — Military Surface Deployment and Distribution Command (SDDC).	M	ID	3/3	1	280	0	50				NTE01	363	0	ID	3/3

		A CONTRACTOR AND A CONT												0001111001010
41-02	10	DoD Classification Instructions C - Confidential	М	AN	1/1	1	280	0	50	NTE02	352	М	AN	1/80
		S - Secret												
		U - Unclassified												
42	10	NTE SEGMENT - Shipper Instructions C				1	280	0	50					
		SEGMENT CONDITION: Use when additional ship ocean shipments.	oper i	instructi	ons apply fo	r	impleme	entations	nt permits free-form information/da , is not machine processable. The all possible, in an automated envir	use of the NTE segmer		efore		
42-01	10	Shipper Instructions Code ADD - Additional Information	М	ID	3/3	1	280	0	50	NTE01	363	0	ID	3/3
		Use 'ADD' to denote Shipper Instructions to the Consignee or to the Carrier	r.											

		DoD INFORMATION					X12 S	SEGM	ENT IN	IFORM	ATIOI	N	X12 E	LEMEN	T IN	FORM	ATION
Index		Data Name OG Notes and Codes			ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attri	outes
42-	-02	10 Shipper Instructions Enter text information from the paper bill of lading.	M	AN	1/80	1	280	0	50		1		NTE02	352	M	AN	1/80
43		60 N7 SEGMENT - Primary Equipment Furnished LOOP CONDITION: For ocean shipments, this information is needed to facilitate If the bill of lading is for movements using motor, rail, or bulk fuel conveyances, D Use as many N7 loops as required to identify equipment furnished.				1	If eith If eith	er N70: er	or N7	16 is pre	sent, tl	hen the	other is recont other is recontract.	•			
43	3-01	For rail shipments, this data element is MANDATORY; it carries the equipment prefix used to describe railcars, trailers, and containers. For motor and air shipments, if the value in N702 is other than 'NONE', or the equipment initials are not available, use the SCAC. Primary equipment is that equipment ordered by the shipper from the carrier. That equipment type ordered, or its equivalent, is furnished by the carrier and used in the transportation of the shipment. The shipper pays only for the primary equipment ordered. For ocean shipments, use the initials on the container (never the carrier SCAC). ELEMENT CONDITION: For rail shipments, this data element is MANDATORY; it carries the equipment prefix used to describe railcars, trailers, and containers. SOURCE: IATA Unit Load Devices Manual available from International Air Transport Association.	c	AN	1/4	1	330 N701	O is man	1 datory f	600	1 ansacti	N7	N701	206	0	AN	1/4
43	3-02	60 Primary Equipment Numbers For rail shipments, this data element carries the serial number of the railcars, trailers, and containers. For motor and air shipments, if specific equipment is not ordered, carry the word 'NONE' in this data element. [T_2 4/8]	M	AN	1/10	1	330	0	1	600	1	N7	N702	207	M	AN	1/10
4	13-0	3 60 Weight Capacity Primary Equipment Furnished Express in 1000 LB units. Entry may contain a decimal; if not, decimal is assumed at right-most point of the field.	С	N0	3/3	1	330	0	1	600	1	N7	N703	81	С	R	1/10

TRANSPORTATION EDI CONVENTION														858.F	R.004010
43-04 60 Weight Capacity Primary Equipment Furnished Qualifier ELEMENT CONDITION: Required if N705 is used. N - Actual Net Weight	С	ID	1/1	1	330	0	1	600	1	N7	N704	187	С	ID	1/2
43-08 60 Cube Capacity Primary Equipment Furnished ELEMENT CONDITION: Include if the carrier provides equipment different than that which was ordered, or if reporting the internal cube of a container.	С	R	1/8	1	330	0	1	600	1	N7	N708	183	С	R	1/8

		DoD INFORMATION					X12 S	SEGME	ENT IN	IFORM	IATIOI	N		X12 EL INFOR			
Index	DG	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attrik	outes
43-09	60	Cube Capacity Primary Equipment Furnished Qualifier ELEMENT CONDITION: This qualifier must appear if cube capacity carrier equipment furnished is used. E - Cubic Feet	С	ID	1/1	1	330	0	1	600	1	N7	N709	184	С	ID	1/1
43-13	60	Temperature Control Use to specify temperature setting for reefer shipments. For ocean shipments Indicate minimum and maximum temperature.	С	AN	3/6	1	330	0	1	600	1	N7	N713	319	0	AN	3/6
43-15	60	Length Capacity Primary Equipment Furnished ELEMENT CONDITION: Include if the carrier provides equipment different than that which was ordered.	С	N0	4/5	1	330	0	1	600	1	N7	N715	567	0	N0	4/5
43-22	60	Type of Equipment Furnished Left justify the code and fill to the right with the lower case 'x' until a length of four characters is attained. SOURCE: Reference Section 6.0 of this IC for code values using applicable Air, Containers, Motor and TOFC (Dimensions are Outside Dimensions), Other Methods, Rail, and Water tables. See Section 6 for list of data values.	M	ID	4/4	1	330	0	1	600	1	N7	N722	24	0	ID	4/4
44	60	EM SEGMENT - Date Primary Equipment Furnished SEGMENT CONDITION: Use if equipment was furnished (for the current N7 loop)	C .			1				600 hen EM hen EM		•					
44-07	60	Date Enter date that equipment was furnished for the current N7 loop.	М	DT	8/8	1	331	0	1 EM	600 07 is the	1 e last ir	N7	EM07 on date for	373	O tion o	DT f safe o	8/8
45	60	NA SEGMENT - Secondary Equipment Furnished	С			1	335	0	30	600	1	N7					
		SEGMENT CONDITION: Required if use of secondary equipment applies.					If NA	01 is pro	esent, tl	hen NA(02 is re	quired					
45-03	60	Secondary Equipment Initials	М	AN	1/4	1	335	0	30	600	1	N7	NA03	206	М	AN	1/4

DEPARTMENT OF DEFENSE TRANSPORTATION EDI CONVENTION

FREIGHT BILL OF LADING SHIPMENT INFORMATION 858.R.004010

For rail Trailer on Flatcar/Container on Flatcar (TOFC/COFC) shipments, this data element carries the equipment initials of the flatcar used to convey the trailer/container (primary equipment ordered). When the shipper orders a trailer/container, the carrier supplies a flatcar to convey the trailer/container (primary equipment). The trailer is considered secondary equipment. The shipper incurs no cost for the use of secondary equipment.

NA03 contains the equipment initial of an associated shipment and is required by rail.

If unknown, use NONZ for van or NONU for container.

SOURCE: IATA Unit Load Devices Manual available from International Air Transport Association

		DoD INFORMATION				X12	SEGM	ENT	INFO	RMAT	ION				LEMEN	
Index	DG	Data Name Notes and Codes			commended ributes	Tabl	Pos		Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE #	At	tributes
45-04	60	Secondary Equipment Numbers	М	AN	1/10	1	335 C)	30	600 1		N7	NA04	20	7 M AN	1/10
		For rail Trailer on Flatcar/Container on Flatcar (TOFC/COFC) shipments, this data element carries the equipment serial number of the flatcar used to convey the trailer/container (primary equipment ordered). When the shipper orders a trailer/container, the carrier supplies a flatcar to convey the trailer/container (primary equipment). The trailer is considered secondary equipment. The shipper incurs no cost for the use of secondary equipment. If a number is not available, send value 'xxxx' per shipper's instructions.					NA04 o	contai	ns the	equipm	nent nu	umbe	r of an a	associat	ed shipn	nent.
45-05	60	Cross Reference Type Code ELEMENT CONDITION: Use to further identify secondary equipment when shipment is by F - Conveying Flat Car	C y rail.	ID	1/1	1	335 C		30	600 1		N7	NA05	231	O ID	1/1
46	60	M7 SEGMENT - Seals SEGMENT CONDITION: Required if seals are applied to the primary equipment.	С			1	340 C	1	5	600	1	N7				
46-01	60	Seal Number Additional seal numbers should be carried in M702, M703, and M704.	M	AN	2/15	1	340 C	١	5	600 1		N7	M701	22	5 M AN	2/15
46-02	60	Additional Seal Number	С	AN	2/15	1	340 C)	5	600 1		N7	M702	22	5 O AN	2/15
46-03	60	Additional Seal Number	С	AN	2/15	1	340 C)	5	600 1		N7	M703	22	5 O AN	2/15
46-04	60	Additional Seal Number	С	AN	2/15	1	340 C	١	5	600 1		N7	M704	22	5 O AN	2/15
46-05	60	Seal Numbers Applied By Qualifier	М	ID	2/2	1	340 C)	5	600 1		N7	M705	98	O ID	2/3
		CA - Carrier					M705 i	ndicat	es the	name	of the	orgar	nization	which a	pplied th	ne seal(s).
		SH - Shipper														
47	60	N5 SEGMENT - Primary Equipment Ordered SEGMENT CONDITION: Required if primary equipment was ordered.	С			1	350 C			600 608 is p		N7 t, the	n the oth	ner is re	quired.	

47-01	60	Length Capacity Primary Equipment Ordered	С	N0	4/5	1	350 O	1	600 1	N7	N501	567 O N0	4/5
		Format is FFFII where 8000 is 80 ft.											
47-02	60	Weight Capacity Primary Equipment Ordered	С	N0	2/3	1	350 O	1	600 1	N7	N502	233 O N0	2/3
47-03	60	Cubic Capacity Primary Equipment Ordered	С	N0	2/4	1	350 O	1	600 1	N7	N503	203 O N0	2/4

		DoD INFORMATION					X12	SEGN	MENT IN	NFORM	ATION		X12 EL	EMENT	INFO	ORMAT	ION
Index	DG	Data Name Notes and Codes	De		ommended tributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	outes
47-04	60	Type of Equipment Ordered SOURCE: Reference Section 6.0 of this IC for code values using applicable Air, Containers, Motor and TOFC (Dimensions are Outside Dimensions), Other Methods, Rail, and Water tables. Codes utilized for this data element are DOD Equipment Type codes, and should not be confused with Car Type codes from the Association of American Railroads (AAR). See Section 6 for list of data values.	M	ID	4/4	1	350	0	1	600	1	N7	N504	301	0	ID	1/4
48	60	REF SEGMENT - Tractor Number SEGMENT CONDITION: Required if the Defense Transportation Tracking System required.	C n (DT	TS) is		1	360 At lea	O ist one o	5 of REF02	600 or REF0	1 3 is red	N7 quired.					
48-01	60	Tractor Number Qualifier EQ - Equipment Number	М	ID	2/2	1	360	0	5	600	1	N7	REF01	128	М	ID	2/3
48-02	60	Tractor Number 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 reonly for tracking shipments monitored by DTTS.	M quire	AN d	1/10	1	360	0	5	600	1	N7	REF02	127	С	AN	1/30
49	70	N1 SEGMENT - Transportation Company Tendered To (CA) LOOP CONDITION: DG 70 is required if the Defense Transportation Track required.	C ing \$	System	(DTTS) is	1				12 or N103 is is prese			ner is required	d.			
49-01	70	Transportation Company Tendered To (CA) Qualifier CA - Carrier	М	ID	2/2	1	390	0	1	12	1	N1	N101	98	М	ID	2/3
49-02	70	Transportation Company Tendered To Name (CA)	М	AN	1/35	1	390	0	1	12	1	N1	N102	93	С	AN	1/60
50	70	PER SEGMENT - Transportation Company Dispatcher Contact	С			1	440	0	3	12	1	N1					

		SEGMENT CONDITION: Required if the Defense Transportation Tracking Syrequired.				5 or PE	ER06 is p	oresent, t	hen the	If eith other is	ent, then the ner s required. e other is rec		require	ed.			
50-01	70	Transportation Company Dispatcher Contact Qualifier EM - Emergency Contact	М	ID	2/2	1	440	0	3	12	1	N1	PER01	366	М	ID	2/2
50-03	70	Transportation Company Dispatcher Telephone Number Qualifier M TE - Telephone	ID	2/2		1	440	0	3	12	1	N1	PER03	365	С	ID	2/2
50-04	70	Transportation Company Dispatcher Telephone Number	М	AN	7/21	1	440	0	3	12	1	N1	PER04	364	С	AN	1/80

		DoD INFORMATION						X12 SEC	MENT IN	IFORMAT	ION		2	X12 ELEN	IENT IN	IFORM <i>A</i>	ATION
Index	DG	Data Name Notes and Codes	Dol		nmended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attı	ributes
51	71	N1 SEGMENT - Destination (ST)	M			1			1 02 or N103 V104 is pres	•		N1 required					
51-01	71	Destination Name (ST) Qualifier This qualifier identifies name and address information of location. ST - Ship To	M the ca	ID ırrier's de	2/2 elivery	1	390	0	1	12	1	N1	N101	98	М	ID	2/3
51-02	71	Destination Name (ST)	С	AN	1/35	1	390	0	1	12	1	N1	N102	93	С	AN	1/60
51-03	71	Destination DoDAAC/CAGE/MAPAC Qualifier Do not use CAGE code for ocean shipments. 10 - Department of Defense Activity Address Code (DODAAC) 33 - Commercial and Government Entity	M	ID	2/2	1	390	0	1	12	1	N1	N103	66	С	ID	1/2
		(CAGE) A2 - Military Assistance Program Address Code (MAPAC	;)														
51-04	71	Destination DoDAAC/CAGE/MAPAC If DoDAAC/CAGE/MAPAC is unavailable, then N104 = clear text name and address of the destination is required.	M 'XXXX	AN (XX' and	5/6 I the complete	1	identific	ation. To d		fficiency th	e "ID Code	e" (N104)	N104 od of providi must provide			AN	2/80
52	71	N2 SEGMENT - Destination (ST) SEGMENT CONDITION: Use if additional destination na	C me ap	plies.		1	400	0	2	12	1	N1					
52-01	71	Additional Name (ST)	М	AN	1/35	1	400	0	2	12	1	N1	N201	93	М	AN	1/60

53	71	N3 SEGMENT - Destination (ST) SEGMENT CONDITION: Use if destination street address	C ss appl	ies.		1	410	0	2	12	1	N1					
53-01	71	Street (ST)	М	AN	1/35	1	410	0	2	12	1	N1	N301	166	М	AN	1/55
53-02	71	Additional Addressing Information	С	AN	1/35	1	410	0	2	12	1	N1	N302	166	0	AN	1/55
54	71	N4 SEGMENT - Destination (ST)	С			1	420	0	1	12	1	N1					
		SEGMENT CONDITION: Use if destination city, state, ar	nd ZIP	Code ap	ply.		If N406 i	s presen	t, then N40	05 is require	ed.						
54-01	71	City (ST)	С	AN	2/19	1	420	0	1	12	1	N1	N401	19	0	AN	2/30
		ELEMENT CONDITION: Field is MANDATORY if rail shi	pment.														
							A combine location.	nation of	either N40	1 through N	1404, or N	l405 and ∣	N406 may be	adequate to	specify	а	

		DoD INFORMATION					X12 S	EGME	NT INI	FORM	ATIO	N		X12 EL INFOR			
Index	ı	Data Name DG Notes and Codes			commended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attril	butes
54-	02	02 71 State Code (ST) ELEMENT CONDITION: Field is MANDATORY if rail shipment. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal S National Information Data Center	C Service	ID	2/2	1	420 N402	O is requ	1 ired only	12 / if city	1 name	N1 (N401)	N402 is in the U.	156 S. or Ca	O nada	ID	2/2
54-	03	There should be no special characters, punctuation, or blanks. ELEMENT CONDITION: Field is MANDATORY if rail shipment. SOURCE: National ZIP Code and Post Office Directory, Publication 65 available fro Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Do		ID s	3/15	1	420	0	1	12	1	N1	N403	116	0	ID	3/15
54-	04	O4 71 Country Code ELEMENT CONDITION: If destination is OCONUS, country code is required. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names (GENC), is represented in the National System for Geospatial Intelligence (Names of Countries), and mirrored at http://www.transcom.mii/dteb/files/refdata/V_CTRY_Codes for Representation of Currencies and Funds, ISO 4217, is available from Am National Standards Institute.	NSG) _DOD.I		2/3	1	420	0	1	12	1	N1	N404	26	0	ID	2/3
54	-05	-05 71 Destination SPLC (ST) Qualifier ELEMENT CONDITION: SPLC is required for CONUS, but not OCONUS, shipmen SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Governm Lading Codes available from Military Traffic Management Command (MTMC) SL - U.S. SPLC		ID of	2/2	1	420	0	1	12	1	N1	N405	309	С	ID	1/2
54-	06	06 71 Destination SPLC (ST) ELEMENT CONDITION: Nine-digit SPLCs are required for costing. SPLC is provide shipments but not OCONUS.	C ed for C	AN ONUS	9/9	1	420	0	1	12	1	N1	N406	310	0	AN	1/30
55		71 PER SEGMENT - DTTS Destination (ST) SEGMENT CONDITION: Required if the Defense Transportation Tracking System (required.	C (DTTS)	is		1	If eith	er PER	05 or PE	ER06 is	prese	nt, the	n the other in the other in the other i	is require	ed.		

55-01 71 Destination (ST) Contact Qualifier EM - Emergency Contact	М	ID	2/2	1	440	0	3	12	1	N1	PER01	366	М	ID	2/2
55-03 71 Destination (ST) Phone Number Qualifier AU - Defense Switched Network	М	ID	2/2	1	440	0	3	12	1	N1	PER03	365	С	ID	2/2
TE - Telephone															

		Dod Information						X12 SE	GMENT I	INFORMAT	ION)	K12 ELEM	ENT IN	IFORM <i>A</i>	TION
Index	DG	Data Name Notes and Codes	Dol		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Att	ributes
55-04	71	Destination (ST) Contact Phone Number Both commercial and DSN phone numbers are required for	M amm	AN	7/21 shipments.	1	440	0	3	12	1	N1	PER04	364	С	AN	1/80
56	72	N1 SEGMENT - Origin (SF)	M			1				12 03 is require resent, then		N1 is require	d.				
56-01	72	Origin Name (SF) Qualifier This qualifier identifies the name and address information of location. SF - Ship From	M of the	ID carrier's	2/2 pickup	1	390	0	1	12	1	N1	N101	98	M	ID	2/3
56-02	72	Origin Name (SF) ELEMENT CONDITION: If issuing GBLOC is unavailable (IDoDAAC/CAGE/MAPAC is unavailable (N104='XXXXXX name of the origin is required.				1	390	0	1	12	1	N1	N102	93	С	AN	1/60
56-03	72	Origin DoDAAC/CAGE/MAPAC Qualifier Do not use CAGE code for ocean shipments. 10 - Department of Defense Activity Address Code (DODA, 33 - Commercial and Government Entity (CAGE) A2 - Military Assistance Program Address Code (MAPAC)	M AC)	ID	2/2	1	390	0	1	12	1	N1	N103	66	С	ID	1/2
56-04	72	Origin DoDAAC/CAGE/MAPAC is unavailable, then N1 complete clear text name and address of the origin is required in N102.	M 04 =	AN 'XXXX	5/6 XX' and the	1	identific	ation. To	obtain this	•	ie "ID Cod	de" (N104	N104 hod of providi I) must provid			AN	2/80

57	72	N2 SEGMENT - Origin (SF) SEGMENT CONDITION: Use if origin additional name app	C olies.			1	400	0	2	12	1	N1					
57-01	72	Additional Name (SF)	М	AN	1/35	1	400	0	2	12	1	N1	N201	93	М	AN	1/60
58	72	N3 SEGMENT - Origin (SF) SEGMENT CONDITION: Use if origin street address appli	C ies.			1	410	0	2	12	1	N1					
58-01	72	Street (SF)	М	AN	1/35	1	410	0	2	12	1	N1	N301	166	М	AN	1/55
58-02	72	Additional Addressing Information	С	AN	1/35	1	410	0	2	12	1	N1	N302	166	0	AN	1/55

		DoD INFORMATION					X12 S	EGME	NT IN	FORM	ATIOI	N	X12 El	EMEN	IT INF	ORN	IATION
Index	DG	Data Name Notes and Codes			commended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attrik	utes
59		72 N4 SEGMENT - Origin (SF)	С			1	420	0	1	12	1	N1					
		SEGMENT CONDITION: Use if origin city, state, and ZIP Code apply.					If N40	6 is pre	sent, th	en N40	5 is red	quired.					
59-0	1 72 (City (SF) ELEMENT CONDITION: Field is MANDATORY if rail shipment.	С	AN	2/19	1	to spe	cify a	1 n of eith	12 er N40 ⁻	1 1 throu	N1 igh N4(N401 04, or N40	19 5 and N	O 406 m		2/30 adequate
50.0	2 72	State (SF)	С	1	2/2	1	locatio	on. O	1	12	1	N1	N402	156	0	ID	2/2
		ELEMENT CONDITION: Field is MANDATORY if rail shipment. Also use for province shipment is Canadian. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Stational Information Data Center		÷			N402	is requi	red only	∕ if city r	name ((N401)	is in the U	.S. or C	anada	-	
59-0	3 72	ZIP/Postal Code (SF) Field is MANDATORY if rail shipment. There should be no special characters, pund or blanks. ELEMENT CONDITION: Field is MANDATORY if rail shipment. SOURCE: National ZIP Code and Post Office Direct	ectory, F	Publication 6	3/15 5 available from U.S Postal Service;	1	420	0	1	12	1	N1	N403	116	0	ID	3/15
59-0)4 72	Country Code (SF) ELEMENT CONDITION: If origin is OCONUS, country code is required. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, N Codes (GENC), is represented in the National System for Geospatial Intelligence (GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY Codes for Representation of Currencies and Funds, ISO 4217, is available from Ar National Standards Institute.	NSG) /_DOD	.htm.	2/3	1	420	0	1	12	1	N1	N404	26	0	ID	2/3

														.00401
59-05 72 Shipping Point SPLC (SF) Qualifier ELEMENT CONDITION: Required if N406 is used.	C ID	2/2	1	420	0	1	12	1	N1	N405	309	С	ID	1/2
SOURCE: Defense Traffic Management Regulation (DTMR), App	oondiy I. Government Bill of													
Lading Codes available from Military Traffic Management Comm														
SL - U.S. SPLC	and (Minio)													
i9-06 72 Shipping Point SPLC (SF)	C AN	9/9	1	420	0	1	12	1	N1	N406	310	0	AN	1/30
Nine-digit SPLCs are required for costing. SPLC is provided for 0	CONUS shipments but not													
OCONUS.														
72 PER SEGMENT - DTTS Origin (SF)	С		1	440	0	3	12	1	N1					
SEGMENT CONDITION: Required if the Defense Transportation	Tracking System (DTTS) is			If eith	ner PEI	R03 or F	PER04 is	s prese	ent, the	n the othe	r is requ	ired.		
required.				If eith	ner PEI	R05 or F	PER06 is	s prese	ent, the	n the othe	r is requ	ired.		
							.==			n the othe				

		DoD INFORMATION)	(12 SE	GMENT I	NFORMAT	TION)	(12 ELEM	ENT IN	IFORM/	ATION
Index	DG	Data Name Notes and Codes	Do		nmended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
60-01	72	Origin (SF) Contact Qualifier EM - Emergency Contact	М	ID	2/2	1	440	0	3	12	1	N1	PER01	366	М	ID	2/2
60-03	72	Origin (SF) Phone Number Qualifier AU - Defense Switched Network	M	ID	2/2	1	440	0	3	12	1	N1	PER03	365	С	ID	2/2
		TE - Telephone															
60-04	72	Origin (SF) Contact Phone Number Both commercial and DSN phone numbers are required for a	M amm	AN nunition s	7/21 hipments.	1	440	0	3	12	1	N1	PER04	364	С	AN	1/80
61	73	N1 SEGMENT - Consignee (CN)	M			1				12 03 is require resent, then		N1 is require	ed.				
61-01	73	Consignee (CN) Name Qualifier This qualifier identifies the installation transportation office reshipment at the final destination. CN - Consignee	M espoi	ID nsible for	2/2 the	1	390	0	1	12	1	N1	N101	98	M	ID	2/3
61-02	73	Consignee Name (CN) ELEMENT CONDITION: If consignee GBLOC is unat consignee DoDAAC/CAGE/MAPAC is unavailable (N104='XXXXXXX'), to the consignee is required.				1	390	0	1	12	1	N1	N102	93	С	AN	1/60
61-03	73	Consignee DoDAAC/CAGE/MAPAC Qualifier Do not use CAGE code for ocean shipments. 10 - Department of Defense Activity Address Code (DODAA)	М С)	ID	2/2	1	390	0	1	12	1	N1	N103	66	С	ID	1/2
		33 - Commercial and Government Entity (CAGE)															
		A2 - Military															

		Assistance Program Address Code (MAPAC)															
61-04	73	Consignee DoDAAC/CAGE/MAPAC If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XX clear text name and address of the consignee is required in N102.	M XXXX	AN	5/6 e complete	1	identific	cation. To	obtain thi	•	y the "ID	Code" (N1	N104 ethod of prov 04) must prov			AN	2/80
62	73	N2 SEGMENT - Consignee (CN) SEGMENT CONDITION: Use if consignee additional name	C applie	es.		1	400	0	2	12	1	N1					
62-01	73	Additional Name (CN)	M	AN	1/35	1	400	0	2	12	1	N1	N201	93	M	AN	1/60

		DoD INFORMATION				X12	SEGI	MENT	INFC	RMA	TION				EMENT MATION	
Index	DG	Data Name Notes and Codes			ecommended ttributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE #	Attri	butes
63	73	N3 SEGMENT - Consignee (CN) SEGMENT CONDITION: Use if consignee street address applies.	С			1	410	0	2	12	1	N1				
63-01	73	Street (CN)	М	AN	1/35	1	410	0	2	12	1	N1	N301	166	M AN	1/55
63-02	73	Additional Addressing Information	С	AN	1/35	1	410	0	2	12	1	N1	N302	166	O AN	1/55
64	73	N4 SEGMENT - Consignee (CN)	С			1	420	0	1	12	1	N1				
		SEGMENT CONDITION: Required for all shipments except ocean. Provides required data when shipment is by rail or when consignee is OCONUS. May be also when consignee city, state, and ZIP Code apply.	used				If N40	06 is p	resent,	then I	N405 is	s requ	ired.			
64-01	73	City (CN) ELEMENT CONDITION: Field is MANDATORY if rail shipment.	С	AN	2/19	1		nbinati			1 1401 th	N1 nrough	N401 n N404, c	19 or N405	O AN and N406	
							adeqi locati		specit	fy a						
64-02	73	State (CN) ELEMENT CONDITION: Field is MANDATORY if rail shipment. Also use for province if shipment is Canadian. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	С	ID	2/2	1	420 N402 or Ca	is req	1 uired o	12 only if o	1 ity nar	N1 me (N4	N402 401) is in	156 the U.S	O ID	2/2
64-03	73	ZIP Code/Postal Code (CN) There should be no special characters, punctuation, or blanks. ELEMENT CONDITION: Field is MANDATORY if rail shipment. SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents	С	ID	3/15	1	420	0	1	12	1	N1	N403	116	O ID	3/15

64-04	73	Country Code (CN)	С	ID	2/3	1	420 O	1	12	1	N1	N404	26	O ID	2/3
		ELEMENT CONDITION: If consignee is OCONUS, country code is required.													
		SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names,	and												
		${\it Codes (GENC)}, is represented in the \ {\it National System for Geospatial Intelligence (NSG)}$													
		GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD	.htm.												
		Codes for Representation of Currencies and Funds, ISO 4217, is available from American	1												
		National Standards Institute.													
		Tradional Otaliaarao monato.													

		Dod Information				X12 SE	GMENT IN	IFORMAT	TION		2	K12 ELEM	ENT IN	IFORMA	TION
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	ibutes
64-05	73	Consignee (CN) GBLOC Qualifier ELEMENT CONDITION: Required for all shipments excep SOURCE: Defense Traffic Management Regulation Government Bill of Lading Codes available from Military Traffic Management BL - Government Bill of Lading Office Code (GBLOC)	(DTMR), Appendix I	1	420	0	1	12	1	N1	N405	309	С	ID	1/2
64-06	73	Consignee (CN) GBLOC ELEMENT CONDITION: If GBLOC is unavailable enter value text name of the consignee is required in N102.	C AN 4/4 lue 'IOOI'. Then, the clear	1	420	0	1	12	1	N1	N406	310	0	AN	1/30
65	74	N1 SEGMENT - Shipper (SH)	M	1			1 102 or N103 N104 is pres			N1 s required	l.				
65-01	74	Shipper Name (SH) Qualifier This qualifier identifies the installation transportation office shipment at origin. SH - Shipper	M ID 2/2 responsible for the	1	390	0	1	12	1	N1	N101	98	М	ID	2/3
65-02	74	Shipper Name (SH) ELEMENT CONDITION: If shipper DoDAAC/CAGE/MA(N104='XXXXXX'), then the clear text name of the shipper is required.	C AN 1/35 PAC is unavailable	1	390	0	1	12	1	N1	N102	93	С	AN	1/60
65-03	74	Shipper DoDAAC/CAGE/MAPAC Qualifier (SH) Do not use CAGE code for ocean shipments. 10 - Department of Defense Activity Address Code (DODAAC)	M ID 2/2	1	390	0	1	12	1	N1	N103	66	С	ID	1/2
		33 - Commercial and Government Entity (CAGE)													
		A2 - Military Assistance Program Address Code (MAPAC)													

65-04	74	Shipper DoDAAC/CAGE/MAPAC (SH)	М	AN	5/6	1	390	0	1	12	1	N1	N104	67	С	AN	2/80
		If shipper DoDAAC/CAGE/MAPAC is unavailable, then the complete clear text name and address of the shipper is required.	N104	= 'XXX)	(XX' and		identific	ation. To	obtain this	•	the "ID Co	de" (N104	hod of provid				
66	74	N2 SEGMENT - Shipper (SH) SEGMENT CONDITION: Use if shipper additional name	C applie	s.		1	400	0	2	12	1	N1					
66-01	74	Additional Name (SH)	M	AN	1/35	1	400	0	2	12	1	N1	N201	93	M	AN	1/60
67	74	N3 SEGMENT - Shipper (SH) SEGMENT CONDITION: Use if shipper street address a	C pplies.			1	410	0	2	12	1	N1					

		DoD INFORMATION				X12	SEGI	MENT	INFC	RMA	TION	l			EMENT	
Index	DG	Data Name Notes and Codes			commended tributes	Tabl	Pos	Req Des		Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE #	Attr	butes
67-01	74	Street (SH)	М	AN	1/35	1	410	0	2	12	1	N1	N301	166	M AN	1/55
67-02	74	Additional Addressing Information	С	AN	1/35	1	410	0	2	12	1	N1	N302	166	O AN	1/55
68	74	N4 SEGMENT - Shipper (SH) SEGMENT CONDITION: Use if shipper city, state, and ZIP Code apply.	С			1	420 If N40		1 resent,	12 then I	1 N405 i	N1 s requ	iired.			
68-01	74	City (SH) ELEMENT CONDITION: Field is required for rail shipments.	С	AN	2/19	1		nbinati uate to	1 on of e		1 N401 ti	N1 hrough	N401 h N404, o	19 or N405	O AN and N40	2/30 6 may be
68-02	74	State (SH) ELEMENT CONDITION: Field is required for if rail shipments. Also use for province if shipment is Canadian. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	С	ID	2/2	1	420 N402 or Ca	is req	1 uired o	12 only if c	1 city nar	N1 me (N	N402 401) is ir	156 the U.S	O ID	2/2
68-03	74	ZIP Code/Postal Code (SH) There should be no special characters, punctuation, or blanks. ELEMENT CONDITION: Field is required for rail shipments. SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents	С	ID	3/15	1	420	0	1	12	1	N1	N403	116	O ID	3/15

		OKIATION EDI CONVENTION													-00 -1 010
68-04	74	Country Code (SH) ELEMENT CONDITION: If shipper is OCONUS, country code is required. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.		ID	2/3	1	420 O	1	12	1	N1	N404	26	O ID	2/3
69	75	N1 SEGMENT - Diversion/Reconsignment To (TT) LOOP CONDITION: Required if shipment requires diversion/reconsignment destination.	С			1	390 O At least on If either N1						ner is re	equired.	
69-01	75	Diversion/Reconsignment (TT) To Qualifier Location that shipment is diverted/reconsigned to. TT - Transfer To	М	ID	2/2	1	390 O	1	12	1	N1	N101	98	M ID	2/3
69-02	75	Diversion/Reconsignment (TT) To City Carry the city name that pertains to the SPLC.	М	AN	2/19	1	390 O	1	12	1	N1	N102	93	C Al	N 1/60

		DoD INFORMATION				X12	SEGI	MENT	INFC	RMA	TION				EMENT MATION
Index	DG	Data Name Notes and Codes			commended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE #	Attributes
70	75	N4 SEGMENT - Diversion/Reconsignment To Country Code (TT) C SEGMENT CONDITION: If shipment is CONUS, SPLC is required. If OCONUS, country code is required.				1	420 If N40		1 resent,	12 then N	1 N405 is	N1 s requi	ired.		
70-04	75	Country Code ELEMENT CONDITION: If diversion/reconsignment is OCONUS, country code is required. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.	С	ID	2/3	1	420	0	1	12	1	N1	N404	26	O ID 2/3
70-05	75	Diversion/Reconsignment (TT) To SPLC Qualifier Required if N406 is used. SL - U.S. SPLC	С	ID	2/2	1	420	0	1	12	1	N1	N405	309	C ID 1/2
70-06	75	Diversion/Reconsignment (TT) To SPLC	С	AN	9/9	1	420	0	1	12	1	N1	N406	310	O AN 1/30
71	76	N1 SEGMENT - Diversion/Reconsignment From (T4) LOOP CONDITION: DG 76 required if shipment requires diversion/reconsignment destination.	С			1		st one		12 02 or N 104 is			red. n the oth	ner is red	quired.
71-01	76	Diversion/Reconsignment (T4) From Qualifier T4 - Transfer Point	М	ID	2/2	1	390	0	1	12	1	N1	N101	98	M ID 2/3
71-02	76	Diversion/Reconsignment (T4) From Location that shipment was diverted/reconsigned from. Carry the city name that pertains to the SPLC.	M	AN	1/19	1	390	0	1	12	1	N1	N102	93	C AN 1/60
72	76	N4 SEGMENT - Diversion/Reconsignment (T4)	С			1	420	0	1	12	1	N1			

		SEGMENT CONDITION: Required if diversion/reconsignment SPLC applies.					If N406 is	presen	t, then	N405	is requ	uired.				
72-05	76	Diversion/Reconsignment (T4) From SPLC Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) SL - U.S. SPLC	M	ID	2/2	1	420 O	1	12	1	N1	N405	309	С	ID	1/2
72-06	76	Diversion/Reconsignment (T4) From SPLC	М	AN	9/9	1	420 O	1	12	1	N1	N406	310	0	AN 1	/30
73	77	N1 SEGMENT - Bill Charges To (PO)	М			1	390 O At least or If either N						ner is re	equired	ı.	

		DoD INFORMATION)	K12 SE	GMENT	INFORMA	TION		х	12 ELEM	ENT IN	IFORM.	ATION
Index	DG	Data Name Notes and Codes	Do		nmended	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
73-01	77	Bill Charges To (PO) Qualifier PO - Party to Receive Invoice for Goods or Services	М	ID	2/2	1	390	0	1	12	1	N1	N101	98	М	ID	2/3
73-02	77	Bill Charges To (PO)	С	AN	1/35	1	390	0	1	12	1	N1	N102	93	С	AN	1/60
73-03	77	Bill Charges To (PO) DoDAAC/CAGE/MAPAC Qualifier C ID code for ocean shipments. ELEMENT CONDITION: Required if N104 is used. 10 - Department of Defense Activity Address Code (DODAAC) 33 Commercial and Government Entity (CAGE) A2 - Military Assistance Program Address Code (MAPAC)		Do not u	se CAGE	1	390	0	1	12	1	N1	N103	66	С	ID	1/2
73-04	77	Bill Charges To (PO) DoDAAC/CAGE/MAPAC	С	AN	5/6	1	identifi	cation. To	o obtain th		the "ID (Code" (N	N104 nethod of pro 104) must pro			AN al	2/80
74	77	N2 SEGMENT - Bill Charges To (PO) SEGMENT CONDITION: Use if additional name is required for are billed. If available provide additional name to accommodate traited identify activities by DoDAAC/CAGE/MAPAC.				1	400	0	2	12	1	N1					
74-01	77	Additional Name (PO)	М	AN	1/35	1	400	0	2	12	1	N1	N201	93	М	AN	1/60
75	77	N3 SEGMENT - Bill Charges To (PO) SEGMENT CONDITION: Use if street address is required for are billed. f available provide street address to accommodate traditional identify activities by DoDAAC/CAGE/MAPAC.	·	•	· ·	1	410	0	2	12	1	N1					

75-01	77	Street (PO)	М	AN	1/35	1	410	0	2	12	1	N1	N301	166	M	AN	1/55
75-02	77	Additional Addressing Information	С	AN	1/35	1	410	0	2	12	1	N1	N302	166	0	AN	1/55
76	77	N4 SEGMENT - Bill Charges To (PO)	С			1	420	0	1	12	1	N1					
		SEGMENT CONDITION: Use if city is required for party to $\boldsymbol{\nu}$ If	vhom c	harges a	re billed.		If N406	is prese	ent, then	N405 is req	uired.						
		available provide city, state, and ZIP to accommodate trading identify activities by DoDAAC/CAGE/MAPAC.	partne	ers that ca	annot												
76-01	77	City (PO)	С	AN	2/19	1	420	0	1	12	1	N1	N401	19	0	AN	2/30
							A comb		of either	N401 throug	jh N404,	or N405 a	and N406 ma	ıy be adequa	ate to sp	ecify a	

		DoD INFORMATION					X12	SEGN	IENT II	NFORM	IATION	l	X12 EL	EMEN	ΓINF	ORMA	TION
Index	DG	Data Name Notes and Codes			commended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	ibutes
76-02	77	State (PO)	С	ID	2/2	1	420	0	1	12	1	N1	N402	156	0	ID	2/2
		SOURCE: National Zip Code and Post Office Directory available from U.S. National Information Data Center	Posta	l Service				N40	2 is requ	iired only	/ if city n	name (N	1401) is in th	ne U.S. o	or Can	ada.	
76-03	77	ZIP Code/Postal Code (PO) SOURCE: National ZIP Code and Post Office Directory, Publication 65 avail U.S Postal Service; The USPS Domestic Mail Manual available from New Order of Documents			3/15 t	1	420	0	1	12	1	N1	N403	116	0	ID	3/15
77	78	N1 SEGMENT - Issuing Office (IU)	M			1				12 or N103 04 is pres	•		ther is requi	red.			
77-01	78	Issuing Office (IU) Name Qualifier IU - Issuer	M	ID	2/2	1	390	0	1	12	1	N1	N101	98	М	ID	2/3
77-02	78	Issuing Office (IU) Name	М	AN	1/35	1	390	0	1	12	1	N1	N102	93	С	AN	1/60
78	78	N2 SEGMENT - Issuing Office (IU) SEGMENT CONDITION: Use if additional name is required for issuing office	C e.			1	400	0	2	12	1	N1					
78-01	78	Additional Name (IU)	М	AN	1/35	1	400	0	2	12	1	N1	N201	93	М	AN	1/60
79	78	N3 SEGMENT - Issuing Office (IU) SEGMENT CONDITION: Use if street address is required for issuing office.	С			1	410	0	2	12	1	N1					
79-01	78	Street (IU)	М	AN	1/35	1	410	0	2	12	1	N1	N301	166	М	AN	1/55
79-02	78	Additional Addressing Information	С	AN	1/35	1	410	0	2	12	1	N1	N302	166	0	AN	1/55
80	78	N4 SEGMENT - Issuing Office (IU)	С			1	420	0	1	12	1	N1					

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		SEGMENT CONDITION: Use if Issuing Office (IU) city, state, and ZIP Code	apply.				If N40	06 is pr	esent,	then N405	is requ	iired.					
80-01	78	City (IU)	С	AN	2/19	1	420	0	1	12	1	N1	N401	19	0	AN	2/30
							A com specif location	fy a	on of ei	ither N401	throug	h N404,	, or N405 ar	nd N406	may b	e adeq	uate to
80-02	78	State (IU)	С	ID	2/2	1	420	0	1	12	1	N1	N402	156	0	ID	2/2
		SOURCE: National Zip Code and Post Office Directory available from U.S. National Information Data Center	Postal S	Service				N40	2 is red	quired only	if city	name (N	N401) is in t	ne U.S. o	or Can	ada.	

		Dod Information					Х	(12 SEG	SMENT II	NFORMA	TION		х	12 ELEME	ENT IN	FORM	ATION
Index	DG	Data Name Notes and Codes	D		ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		At	ributes
80-03	78	ZIP Code/Postal Code (IU) SOURCE: National ZIP Code and Post Office Directory, P from U.S Postal Service; The USPS Domestic Mail Manual availa				1	420	0	1	12	1	N1	N403	116	0	ID	3/15
		Superintendent of Documents															
80-05	78	Issuing Office (IU) GBLOC Qualifier SOURCE: Defense Traffic Management Regulation Government Bill of Lading Codes available from Military Traffic Management 0 BL - Government Bill of Lading Office Code (GBLOC)	•			1	420	0	1	12	1	N1	N405	309	С	ID	1/2
80-06	78	Issuing Office (IU) GBLOC This element must contain a valid GBLOC. Do not use 'IO	M Oľ.	AN	4/4	1	420	0	1	12	1	N1	N406	310	0	AN	1/30
81	78	PER SEGMENT - Name of Issuing Officer (IU) SEGMENT CONDITION: Use if name of issuing officer is n	C require	d.		1	If either	PER05	or PER06	is present, is present, is present,	then the	other is re	equired.				
81-01	78	Name of Issuing Officer Qualifier IO - Issuing Officer	М	ID	2/2	1	440	0	3	12	1	N1	PER01	366	М	ID	2/2
81-02	78	Name of Issuing Officer	М	AN	1/35	1	440	0	3	12	1	N1	PER02	93	0	AN	1/60
82	79	N1 SEGMENT - FOB Point (KX) LOOP CONDITION: Use if FOB point applies.	С			1				12 103 is requi		N1 er is requi	red.				
82-01	79	FOB Point (KX) Qualifier KX - Free on Board Point	M	ID	2/2	1	390	0	1	12	1	N1	N101	98	М	ID	2/3

82-02	79	FOB Point (KX) Carry actual FOB point name in this data element.	М	AN	1/35	1	390	0	1	12	1	N1	N102	93	С	AN	1/60
83	79	N4 SEGMENT - FOB Point	С			1	420	0	1	12	1	N1					
		SEGMENT CONDITION: Use if FOB point applies.					If N406	is pres	ent, then	N405 is red	quired.						
83-01	79	FOB Point (City) Named In Contract	С	AN	2/19	1	420 A comb		1 of either N	12 N401 throu	1 gh N404,	N1 or N405 a	N401 and N406 may	19 / be adequate	O e to spe	AN cify a	2/30
83-02	79	FOB Point (State) Named In Contract SOURCE: National Zip Code and Post Office Direct Service National Information Data Center	C tory av	ID ailable fr	2/2 om U.S. Posta	1	420 N402 is	O s require	1 ed only if o	12 city name (l	1 N401) is i	N1 n the U.S.	N402 or Canada.	156	0	ID	2/2

		DoD INFORMATION					X12 S	SEGMI	ENT IN	IFORM	ATIO	N		X12 E			
Index	DG	Data Name Notes and Codes		DoD Recom		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	butes
83-05	79	FOB SPLC Qualifier ELEMENT CONDITION: Required if N406 is used. SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Governating Codes available from Military Traffic Management Command (MTMC) SL - U.S. SPLC	C rnment I	ID Bill of	1/2	1	420	0	1	12	1	N1	N405	309	С	ID	1/2
83-06	79	FOB SPLC	С	AN	9/9	1	420	0	1	12	1	N1	N406	310	0	AN	1/30
84	80	S5 SEGMENT - Stop Data LOOP CONDITION: DG 80 required if the shipment requires inside pickup, inside objective service supply deliveries. The S5 loop must occur for each unique action that occurs at an enroute location pickup and delivery action are performed at the same enroute location, the S5 looccur once for the pickup, and once for the delivery. The origin address is not in in this loop. The split pickup and split delivery addresses are included in this loof For example, if a shipment makes a stop location and unloads an item, then mo inside address and unloads and loads an item, three actions have affected the stat two locations. Consequently, the 858 must contain three S5 loops, one for ear action.	on. If a coop mus cluded p. ves to a shipmen	ıt n		1	If eith If eith	er S505 er	5 or S50)6 is pre	sent, th	hen the	other is red other is red required.	•			
84-01	80	Stop Sequence Number If the shipment stops enroute to the final destination, enter the sequence number stop location here. This sequence number needs to appear in the 100 Detail - Li Header Information Loop with each commodity that is picked up and/or delivered stop. [T_9 D-14 72/73]	ine Item		1/2	1	450	0	1	999	1	S5	S501	165	М	N0	1/3
84-02	80	Stop Reason Code LD - Load UL - Unload	М	ID	2/2	1	450	0	1	999	1	S5	S502	163	М	ID	2/2

84-10	80	Stop SPLC Code	С	ID	9/9	1	450	0	1	999	1	S5	S510	154	0	ID	6/9
		Nine-digit SPLCs are required for costing of all shipments except by ocean. SP	LC not														
		used OCONUS.															
		SOURCE: Continental Directory of Standard Point Location Codes (SPLC) available.	ilable from														
		National Motor Freight Traffic Association, Inc.															
84-11	80	Stop Accomplish Code	С	ID	1/1	1	450	0	1	999	1	S5	S511	190	0	ID	1/1
		A - Accomplished															
		P - Pending															

		DoD INFORMATION					X.	12 SEG	MENT I	NFORMA	TION		X1	12 ELEME	ENT IN	IFORM	ATION
Index	DG	Data Name Notes and Codes	Dol		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attı	ributes
85	80	G62 SEGMENT - Stop Arrival/Departure Times	С			1	460	0	6	999	1	S5	•	<u> </u>	ı		
		SEGMENT CONDITION: Required if stop/pickup applies.					If either	G6201	or G6202	G6203 is r 2 is present 4 is present	then the		•				
85-01	80	Stop Date(s) Qualifier 69 - Scheduled Pick-Up Date	M	ID	2/2	1	460	0	6	999	1	S5	G6201	432	С	ID	2/2
		70 - Scheduled Delivery Date															
85-02	80	Stop Date(s) Use to satisfy claims and discrepancies. Scheduled date on which s	M stop w	DT ill occur.	8/8	1	460	0	6	999	1	S5	G6202	373	С	DT	8/8
85-03	80	Stop Arrival/Departure Times Qualifier ELEMENT CONDITION: Required if G6204 is used. 8 - Actual Pickup Time	С	ID	1/1	1	460	0	6	999	1	S5	G6203	176	С	ID	1/2
		9 - Actual Delivery Time															
		A - Actual Departure Time															
85-04	80	Stop Arrival/Departure Times Scheduled time at which stop will occur. Use time format HHMM.	С	TM	4/4	1	460	0	6	999	1	S5	G6204	337	С	TM	4/8
86	80	N1 SEGMENT - Stop Name of Party to Receive Shipment	М			1				5 N103 is requ		N1 her is red	quired.				
86-01	80	Stop Name Of Party To Receive Shipment Qualifier LP - Loading Party	М	ID	2/2	1	490	0	1	5	2	N1	N101	98	М	ID	2/3
		UP - Unloading Party															

86-02	80	Stop Name Of Party To Receive Shipment ELEMENT CONDITION: If stop DoDAAC/CAGE/MAPAC is unavailal (N104='XXXXXX'), then the	C ole	AN	1/35	1	490	0	1	5	2	N1	N102	93	С	AN	1/60
		clear text name of the stop is required.															
86-03	80	Stop DoDAAC/CAGE/MAPAC Qualifier Do not use CAGE code for ocean shipments. 10 - Department of Defense Activity Address Code (DODAAC)	M	ID	2/2	1	490	0	1	5	2	N1	N103	66	С	ID	1/2
		33 Commercial and Government Entity (CAGE)															
		A2 - Military Assistance Program Address Code (MAPAC)															

		DoD INFORMATION					X12 S	SEGMI	ENT IN	FORM	ATIO	١		X12 EI INFOR			
Index	C	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	butes
86-0)4 8	80 Stop DoDAAC/CAGE/MAPAC	М	AN	5/6	1	490	0	1	5	2	N1	N104	67	С	AN	2/80
		If stop DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'XXXXXX' and the complete text name and address of the stop is required. [T_9 D-14 74/79]	e clea	ar			organ identif the	izationa ication.	l To obta	in this e	efficienc	y the "	ost efficient ID Code" (N			•	
87		80 N2 SEGMENT - Stop Name of Party to	С			1	500	0	2	5	2	N1					
		Receive Shipment SEGMENT CONDITION: Use if stop name of party to receive shipment applies.															
87-0	01	80 Additional Name	М	AN	1/35	1	500	0	2	5	2	N1	N201	93	М	AN	1/60
88		80 N3 SEGMENT - Stops SEGMENT CONDITION: Use if stop street address of party to receive shipment applies	C s.			1	510	0	2	5	2	N1					
88-0)1 8	80 Street	М	AN	1/35	1	510	0	2	5	2	N1	N301	166	М	AN	1/55
88	3-02	2 80 Additional Addressing Information	С	AN	1/35	1	510	0	2	5	2	N1	N302	166	0	AN	1/55
89		80 N4 SEGMENT - Stops	С			1	520	0	1	5	2	N1					
		SEGMENT CONDITION: Use if stop city/state of party to receive shipment applies.					If N40	6 is pre	sent, the	en N40	ō is req	uired.					
89-0)1 8	30 City	С	AN	2/19	1	520	0	1	5	2	N1	N401	19	0	AN	2/30
							A com specif	y a	n of eith	er N401	throug	jh N404	4, or N405	and N40	16 ma	ıy be a	dequate to
89-0)2 8	80 State	С	ID	2/2	1	520	0	1	5	2	N1	N402	156	0	ID	2/2

Also use for province if shipment is Canadian. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Se National Information Data Center	rvice				N402	is requ	uired on	ly if city	name (N401) i	s in the U.	S. or Cai	nada.		X.004010
89-03 80 Stop ZIP Code/Postal Code	С	ID	3/15	1	520	0	1	5	2	N1	N403	116	0	ID	3/15
SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from	U.S														
Postal															
Service; The USPS Domestic Mail Manual available f	rom Nev	v Orders	Superintendent												
			of Documents												
89-04 80 Country Code	С	ID	2/3	1	520	0	1	5	2	N1	N404	26	0	ID	2/3
ELEMENT CONDITION: If stop is OCONUS, country code is required.															
SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Nar	nes, and	l													
Codes (GENC), is represented in the National System for Geospatial Intelligence (NS	G)														
GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_[OD.htm	١.													
Codes for Representation of Currencies and Funds, ISO 4217, is available from Ame	rican														
National Standards Institute.															

		DoD INFORMATION					X12	SEGN	IENT IN	IFORM	ATION		X12 EL	EMENT	INFC	RMAT	TION
Index	DG	Data Name Notes and Codes			ommended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attri	butes
90	80	PER SEGMENT - Stop Communication Numbers	С			1	540	0	3	5	2	N1					
		SEGMENT CONDITION: Use if stop communication numbers apply.					If either	er 5 or PE	R06 is p	resent, t	then the	other is	e other is reserved.				
90-01	80	Stop Communication Numbers Qualifier	М	ID	2/2	1	540	0	3	5	2	N1	PER01	366	М	ID	2/2
		IC - Information Contact															
90-03	80	Stop Communication Numbers Contact Qualifier IT - International Telephone	M	ID	2/2	1	540	0	3	5	2	N1	PER03	365	С	ID	2/2
		TE - Telephone															
90-04	80	Stop Communication Numbers Contact	М	AN	7/21	1	540	0	3	5	2	N1	PER04	364	С	AN	1/80
91	10	FA1 SEGMENT - Appropriation	С			1	550	0	1	> 1	1	FA1					
		LOOP CONDITION: Carriers do not need to receive appropriation data. This appropriation number loop. It calls for both FA1 and FA2 segments. Shipper's receiving, storing, and sending structured DoD appropriation numbers may us those numbers with trading partners. If there is only one Transportation Accounting Code or Line of Accounting at the second	system se this	s that are o loop to exc	apable of												
		level, then it applies to all shipments in that container. If there is TAC/LOA at t		iuei													
		header level, and some of the line items in the container have their own TACs		and													
		some do not, use the TACs/LOAs at the line item level for those specific shipr	ments	and													
		default to the header TAC/LOA for all others. If there is an invalid TAC/LOA or	n a sin	gle													
		line item we will use the header TAC/LOA.															
91-01	10	Agency Qualifier Code	М	ID	2/2	1	550	0	1	>1	1	FA1	FA101	559	М	ID	2/2
		Code identifying the agency assigning the code values.															
		DF - Department of Defense (DoD)					FA101		ies the o	rganizat	tion con	trolling t	the assignm	ent of fin	ancial	accour	nting
		DN - Department of the Navy															

TRANSI SKIATION EDI SONVENTION	
DX - United	
States Marine Corps	
DY - Department of Air Force	
DZ - Department of	
Army	
HS - Department of Health and Human Services	
Use 'HS' to denote Department of Homeland Security/US Coast Guard (DHS/USCG).	
92 10 FA2 SEGMENT - Appropriation Breakdown Structure M This segment is MANDATORY if and only if the FA1 SEGMENT - Appropriation segment is used. Otherwise, this segment may not be used.	1 560 M >1 >1 1 FA1
92-01 10 Breakdown Structure Detail Code M ID 2/2 See Section 6 for list of data values.	1 560 M >1 >1 1 FA1 FA201 1196 M ID 2/2

		DoD INFORMATION					X1	12 SEG	MENT I	NFORMA	TION		X12	2 ELEME	NT IN	FORMA	ATION
Index	DG	Data Name Notes and Codes			ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attr	butes
92-02	10	Financial Information Code When FA201 contains code value '84', FA202 should be formatted a including a decimal character and two positions after the decimal, re even if the value is a whole dollar amount.				1	560	М	>1	>1	1	FA1	FA202	1195	M	AN	1/80
93	10	L10 SEGMENT - Appropriation Weight This segment is MANDATORY if and only if the FA1 SEGMENT - Apused. Otherwise, this segment may not be used.	M propri	ation segm	nent is	1	570	0	1	> 1	1	FA1					
93-01	10	Weight Entry may contain a decimal; if not, decimal is assumed at right-mos field.	M st poin	R t of the	1/8	1	570	0	1	>1	1	FA1	L1001	81	М	R	1/10
93-02	10	Weight Qualifier N - Actual Net Weight	М	ID	1/1	1	570	0	1	>1	1	FA1	L1002	187	М	ID	1/2
93-03	10	Weight Unit Code E - Metric Ton	М	ID	1/1	1	570	0	1	>1	1	FA1	L1003	188	0	ID	1/1
		G - Grams															
		K - Kilograms															
		L - Pounds M - Measurement Ton															
		O - Ounces															
		S - Short Ton															
		T - Long Ton															

94	100 HL SEGMENT - Line Item Detail	M			2	010	М	1	> 1	1	HL					
						structu line-ite	ire, sucl em data	n as rela	ting line-i	tem data	a to shipn	ill informatior nent data, an dered structu	d packagin			
94-01	100 Detail - Line Item Description Loop Use the value '1' for the first HL loop and increment by regardless of usage of the HL loop. An HL Line Item De each DG 100. A shipment unit is identified by a single T (TCN). Each commodity description cites the TCN it is goite multiple commodities. DG 100, commodity header in (NMFC, UFC, DoD unique). The commodity detail informack information in the L0 loop. There can be multiple type packs per line item.	scription Loop is ge ransportation Contro grouped under. A sh nformation, describ	nerated for nerated for Numbe ipment under the cone cone cone cone cone cone cone con	or r it may mmodity	2	the tra occurr initial I	nsaction ences c	n set. Fo If the HL nent and	r example segment	e, HL01 , in whic	could be h case th	HL01 er for each o used to indic ie value of H one in each	cate the nun	nber of oe "1" fo	or the	

	DoD INFORMATION)	(12 SEG	MENT IN	IFORMAT	ION		X1	2 ELEMI	ENT IN	FORMA	TION
Index	Data Name DG Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attri	butes
94-03	100 Hierarchical Level Code This code identifies the Line Item Description Loop. I - Item	M ID 1/1	2	segmer up to th used to	nt e next oc indicate	currence o	f an HL seg	ment in the	ne transa e HL loo _l	HL03 Diving the current of the curr	ample, HL(ID	1/2
95	100 N7 SEGMENT - Primary Equipment Identifier SEGMENT CONDITION: This segment is required in the lir moves on multiple pieces of primary equipment. Use this se item with the primary equipment on which it is conveyed. As	egment to associate the line	2	If either	N705 or	N716 is pr	> 1 esent, then esent, then esent, then	the other	is requir	ed.				
95-01	100 Primary Equipment Initials This data element satisfies in transit visibility requirements shipments. It describes initials of the furnished primary equ commodity is conveyed. SOURCE: IATA Unit Load Devices Manual available from In Association [T_2 9/12]	pment in/on which the	2	020 N701 is	O mandato	1 Ory for rail t	>1 ransactions	1	HL	N701	206	0	AN	1/4
95-02	100 Primary Equipment Numbers This data element satisfies in transit visibility requirements shipments. It describes numbers on the furnished primary of the commodity is conveyed. [T_4 9/14]		2	020	0	1	>1	1	HL	N702	207	M	AN	1/10
96	100 NA SEGMENT - Shipper Equipment C Num	ibers	2	030	0	1	> 1	1	HL					

TRAI	NSPORTATION EDI CONVENTION				-										8	358.R.004010
	SEGMENT CONDITION: This segment required to in equipment numbers when applicable. Shipper equipment is that ed					If NA0	1 is prese	ent, then N	IA02 is req	uired.						
	supplied/owned by the shipper. This includes DROMs,	container	s, and va	ns.												
	Shipper owned vehicles, like trucks, jeeps, and tanks, a	re identif	ied using	a different												
	mapping of the NA segment in the HL Line Item Descript occurrence of the NA segment for mapping of vehicles			efollowing												
96-03	100 Shipper Equipment Initials	М	AN	4/4	2	030	0	1	>1	1	HL	NA03	206	М	AN	1/4
	DODV - DoD Van and Contain	ier				NA03 (contains	the equipn	nent initial	of an ass	sociated s	hipment and i	is required b	oy rail.		
	DROM - Dromedary Equipme	nt							r van or NC				·			
96-04	100 Shipper Equipment Numbers	М	AN	1/10	2	030	0	1	>1	1	HL	NA04	207	М	AN	1/10
	Use for Initials and Serial Number of the Shipper Owne	d Contair	ers/DRO	Ms.												
						NA04	contains	the equipn	nent numb	er of an a	associated	d shipment.				
97	100 NA SEGMENT - Military Vehicle Identification	С			2	030	0	1	> 1	1	HL					
	SEGMENT CONDITION: This segment required to i owned	ndicate tl	ne mappi	ing for shipper		If NA0	1 is prese	ent, then N	IA02 is req	uired.						
	vehicles when applicable. This includes cars, jeeps, tar	ks, and t	ucks. Se	e the previous												
	occurrence of the NA segment for mapping of shipper on number maps to NTE SEGMENT - Vehicle Model Number		t informat	ion. The model												

		Dod Information					Х	12 SEC	SMENT I	NFORMA	ΓΙΟΝ		х	12 ELEM	ENT IN	IFORM/	ATION
Index	DG	Data Name Notes and Codes	DoD		mmended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Att	ributes
97-01	100	Military Vehicle Identification/Serial Number Qualifier ELEMENT CONDITION: Required if NA02 is used. SE - Serial Number VT - Motor Vehicle ID Number	С	ID	2/2	2	030	0	1	>1	1	HL	NA01	128	0	ID	2/3
97-02	100	Military Vehicle Identification/Serial Number C AN 1/30 Us vehicles being moved.	se VI	N to	describe the	2	030	0	1	>1	1	HL	NA02	127	С	AN	1/30
97-03	100	Military Vehicle Initials (Filler) NONX - Vehicle	М	AN	4/4	2				>1 nent initial o			NA03	206 required by	M rail.	AN	1/4
97-04	100	Military Vehicle Bumper Number Use 'NONE' if bumper number is unavailable.	M	AN	1/10	2	030 NA04 c	O ontains t	1 he equipm	>1 nent numbe	1 r of an ass	HL sociated s	NA04	207	М	AN	1/10
98	100	M7 SEGMENT - Seals SEGMENT CONDITION: Required when seals are applied.	С			2	040	0	5	> 1	1	HL					
98-01	100	Seals On Shipper Owned Equipment Use to describe seal applied to equipment (Containers, DRC shipper. [T_9 D-13 66/73]		AN owner	2/15 d by the	2	040	0	5	>1	1	HL	M701	225	М	AN	2/15
99	100	N9 SEGMENT - Requisition Number SEGMENT CONDITION: Required if available.	С			2	100	0	10				r N903 is requ n N905 is requ				
99-01	100	Requisition Number Qualifier RQ - Purchase Requisition Number	М	ID	2/2	2	100	0	10	>1	1	HL	N901	128	M	ID	2/3

99-02	100	Requisition Number	М	AN	14/17	2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
		The requisition number which corresponds to the line item	ı is caı	rried in	this data												
		element.															
		[T_9 D-13 78/79]															
100	100	N9 SEGMENT - Shipment Unit Contract	C Nu	mber		2	100	0	10	> 1	1	HL					
		SEGMENT CONDITION: Use this segment if the contract the shipment unit is available.	ot num	ber use	ed to purchase	:							or N903 is re en N905 is re	•			

		DoD INFORMATION					X12	SEGME	ENT INF	ORMATIO	ON		X1	2 ELEME	NT IN	FORMA	TION
Index	DG	Data Name Notes and Codes	Do		mmended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	ibutes
100-01	100	Authority Number (Contract) Qualifier The contract number qualifier which corresponds to the shipme CT - Contract Number	M ent un	ID nit.	2/2	2	100	0	10	>1	1	HL	N901	128	М	ID	2/3
100-02	100	Authority Number (Contract) The contract number which corresponds to the shipment unit.	М	AN	1/30	2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
100-04	100	Authority Number (Contract) Date The contract number date which corresponds to the shipment of the contract number date which corresponds to the shipment of the contract number date.	C unit.	DT	8/8	2	100	0	10	>1	1	HL	N904	373	0	DT	8/8
101	100	N9 SEGMENT - Shipment Unit Purchase C Order Nu SEGMENT CONDITION: Use this segment if the purchase opurchase the shipment unit is available.			umber used to	2				> 1 1903 is requ 1905 is req		HL					
101-01	100	Authority Number (PO) Qualifier The purchase order number qualifier which corresponds to the PO - Purchase Order Number	M shipn	ID ment unit	2/2 i.	2	100	0	10	>1	1	HL	N901	128	М	ID	2/3
101-02	100	Authority Number (PO) The purchase order number which corresponds to the shipmen	M it unit	AN	1/30	2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
101-04	100	Authority Number (PO) Date The purchase order number date which corresponds to the ship	C pmen	DT t unit.	8/8	2	100	0	10	>1	1	HL	N904	373	0	DT	8/8
102	100	N9 SEGMENT - TCN	M			2				> 1 1903 is requ 1905 is req		HL					
102-01	100	TCN Qualifier TG - Transportation Control Number (TCN)	М	ID	2/2	2	100	0	10	>1	1	HL	N901	128	М	ID	2/3

102-02	100	TCN - Transportation Control Number	М	AN	17/17	2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
		Every line item (HL Line Item Description Loop) should identify	the T	CN with	which it is												
		associated.															
		[T_9 D-13 78/79]															
102-07		Transportation Tracking Number (TTN)	С	CE		2	100	0	10	> 1	1	HL	N907	C040	0	CE	
		Composite															
		Header															
		COMPOSITE CONDITION: Required for unit move cargo win Number is applicable.	nen 1	ransport	ation Tracking	3							is required.				

		DoD INFORMATION				X12	SEG	MEN	IT INFO	ORMA	TION				EMENT MATION	
Index	DG	Data Name Notes and Codes			ecommended tributes	Tabl	Pos	Req Des		Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#	Attri	butes
102-07-01		Transportation Tracking Number (TTN) Qualifier 18 - Plan Number	М	ID	2/2	2	100	0	10	>1	1	HL	C04001	128	M ID	2/3
		Use '18' to denote Transportation Tracking Number (TTN).														
102-07-02		Transportation Tracking Number (TTN).	М	AN	17/17	2	100	0	10	>1	1	HL	C04002	127	M AN	1/30
103		100 N9 SEGMENT - National Stock No./Manufacturer's				2	100	0	10	> 1	1	HL				
Part		C No.														
		SEGMENT CONDITION: Required if available.							e of N9 oresent,							
103-01	1	100 National Stock No./Manufacturer's Part No. Qualifier This qualifier must appear if NSN is used. Use Manufacturer's Part Number if NSN is not available. HS - Harmonized Code System (Canada)	M	ID	2/2	2	100	0	10	>1	1	HL	N901	128	M ID	2/3
		JY - Origin of Shipment Harmonized-Based Code														
		LY - Destination of Shipment Harmonized-Based Code														
		MF - Manufacturers Part Number														
		NS - National Stock Number														
103-02	1	00 National Stock No./Manufacturer's Part No. [T_9 D-13 78/79]	М	AN	1/30	2	100	0	10	>1	1	HL	N902	127	C AN	1/30
104	1	00 N9 SEGMENT - Project Code	С			2	100	0	10	> 1	1	HL				
		SEGMENT CONDITION: Required if project code is used.							e of N9 oresent,							

1110-1110	ONIAHON EDI CONVENTION				ı								000.1	1.00-010
104-01	100 Project Code Qualifier P4 - Project Code	М	ID	2/2	2	100 O	10	>1	1	HL	N901	128	M ID	2/3
104-02	100 Project Code [T_9 D-13 78/79]	М	AN	1/3	2	100 O	10	>1	1	HL	N902	127	C AN	1/30
105 Cross-Re	100 N9 SEGMENT - Stop Sequence Number ference C				2	100 O At least of If N906 is		902 or N	1903 i					
105-01	100 Stop Sequence Number Cross-Reference Qualifier QN - Stop Sequence Number	М	ID	2/2	2	100 O	10	>1	1	HL	N901	128	M ID	2/3

		DoD INFORMATION)	(12 SI	EGME	NT IN	FORM	IATIO	N			EMENT	
Index	DG	Data Name Notes and Codes			ecommended attributes	Tabl	Pos		Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#	Attri	butes
105-02	10	On Stop Sequence Number Cross-Reference If stops apply to a shipment, a line item is identified with a stop by carrying the sequence number of the stop address in this data element. That sequence number are in the S5 segment in the header area of the transaction set. [T_9 D-13 78/79]	M	N0	1/2	2	100	0	10	>1	1	HL	N902	127	C AN	1/30
106		100 N9 SEGMENT - External Tracking Number (XTN)	С			2	100	0	10	> 1	1	HL				
		SEGMENT CONDITION: Use for USML shipments. U.S. Customs' Automated Export this number.	Syster	n uses								require require				
106-01	10	00 Reference Identification Qualifier ED - Export Declaration	M	ID	2/2	2	100	0	10	>1	1	HL	N901	128	M ID	2/3
106-02	10	Reference Identification Use shipper DoDAAC plus TCN.	М	AN	23/23	2	100	0	10	>1	1	HL	N902	127	C AN	1/30
107	1	00 N9 SEGMENT - LIN Index Number SEGMENT CONDITION: Use for Army Unit moves.	С			2		st one				HL require require				
107-01	10	0 LIN Index Number Qualifier BCI - Basic Contract Line Item Number	M	ID	3/3	2	100	0	10	>1	1	HL	N901	128	M ID	2/3
107-02	100) LIN Index Number [T_9 D-13 78/79]	М	AN	2/2	2	100	0	10	>1	1	HL	N902	127	C AN	1/30
108		100 N9 SEGMENT - Line Item Number SEGMENT CONDITION: Use for Army Unit moves.	С			2		st one				HL require require				

108-01	100 Line Item Number Qualifier LI - Line Item Identifier (Seller's)	М	ID	2/2	2	100 O	10	>1	1	HL	N901	128	M ID	2/3
108-02	100 Line Item Number [T_9 D-13 78/79]	М	AN	1/6	2	100 O	10	>1	1	HL	N902	127	C AN	1/30
109	100 N9 SEGMENT - Controlled Inventory Item Code				2	100 O	10	> 1	1	HL				
	(CIIC) C SEGMENT CONDITION: Required if the Defense Transportation Trace required and if DoD-controlled item has a CIIC assigned.	king System (DTTS) is	S			At least or If N906 is				•				

		Dod Information					X12	SEGMI	ENT INF	ORMATIC	ON		X1	12 ELEMI	ENT II	NFORM	ATION
Index	DG	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
109-01	1	100 Controlled Inventory Item Code (CIIC) Qualifier M6 - Military Ordnance Security Risk Number Use 'M6' to denote Controlled Inventory Item Code (CIIC).	M	ID	2/2	2	100	0	10	>1	1	HL	N901	128	M	ID	2/3
109-02	10	00 Controlled Inventory Item Code (CIIC) SOURCE: DoD 4100.39-M (FLIS Manual) Volume 10, Table 6 [T_9 D-13 78/79]	M 51	AN	1/1	2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
110	100 N	N9 SEGMENT - DoD Identification Code C (DoDIC SEGMENT CONDITION: Required for DTTS if the hazardous ammunition.		nent cont	tains	2				> 1 1903 is requ 1905 is requ		HL					
110-01	100	DoDIC Qualifier 1I - Department of Defense Identification Code (DoDIC)	M	ID	2/2	2	100	0	10	>1	1	HL	N901	128	M	ID	2/3
110-02	100	DoDIC Required for all ammunition and explosives. Also called Navy (NALC). [T_9 D-15 67/70]	M Amm	AN unition Lo	4/4 ogistics Code	2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
111	10	00 L5 SEGMENT - Classification	M			2	If L507	is preser	nt, then L	> 1 present, the 506 is requi present, the	ired.						
111-02	10	00 Description Of Articles Clear text description of the line item. [T_8 11/14]	С	AN	1/50	2	130 L502 n	O nay be us	10 sed to sen	>1 od quantity i	1 nformatio	HL on as par	L502 t of the produ	79 uct descrip	O tion.	AN	1/50

SPORTATION EDI CONVENTION															858.R.004010
100 Classification Item No. (Commodity Code)	М	AN	1/8	2	130	0	10	>1	1	HL	L503	22	С	AN	1/30
When the sub-item number is available, provide it in the I	ast two po	sitions o	f this												
element.															
DIC reference is applicable only when qualified with the v	/alue 'l' in	the L504													
[T_0 15/19]															
	100 Classification Item No. (Commodity Code) When the sub-item number is available, provide it in the I element. DIC reference is applicable only when qualified with the vertical contents.	100 Classification Item No. (Commodity Code) M When the sub-item number is available, provide it in the last two poelement. DIC reference is applicable only when qualified with the value 'I' in	100 Classification Item No. (Commodity Code) M AN When the sub-item number is available, provide it in the last two positions o element. DIC reference is applicable only when qualified with the value 'I' in the L504	100 Classification Item No. (Commodity Code) M AN 1/8 When the sub-item number is available, provide it in the last two positions of this element. DIC reference is applicable only when qualified with the value 'I' in the L504.	100 Classification Item No. (Commodity Code) M AN 1/8 2 When the sub-item number is available, provide it in the last two positions of this element. DIC reference is applicable only when qualified with the value 'I' in the L504.	100 Classification Item No. (Commodity Code) M AN 1/8 2 130 When the sub-item number is available, provide it in the last two positions of this element. DIC reference is applicable only when qualified with the value 'I' in the L504.	100 Classification Item No. (Commodity Code) M AN 1/8 2 130 O When the sub-item number is available, provide it in the last two positions of this element. DIC reference is applicable only when qualified with the value 'I' in the L504.	100 Classification Item No. (Commodity Code) M AN 1/8 2 130 O 10 When the sub-item number is available, provide it in the last two positions of this element. DIC reference is applicable only when qualified with the value 'I' in the L504.	100 Classification Item No. (Commodity Code) M AN 1/8 2 130 O 10 >1 When the sub-item number is available, provide it in the last two positions of this element. DIC reference is applicable only when qualified with the value 'I' in the L504.	100 Classification Item No. (Commodity Code) M AN 1/8 2 130 O 10 >1 1 When the sub-item number is available, provide it in the last two positions of this element. DIC reference is applicable only when qualified with the value 'I' in the L504.	100 Classification Item No. (Commodity Code) M AN 1/8 2 130 O 10 >1 1 HL When the sub-item number is available, provide it in the last two positions of this element. DIC reference is applicable only when qualified with the value 'I' in the L504.	100 Classification Item No. (Commodity Code) M AN 1/8 2 130 O 10 >1 1 HL L503 When the sub-item number is available, provide it in the last two positions of this element. DIC reference is applicable only when qualified with the value 'I' in the L504.	100 Classification Item No. (Commodity Code) M AN 1/8 2 130 O 10 >1 1 HL L503 22 When the sub-item number is available, provide it in the last two positions of this element. DIC reference is applicable only when qualified with the value 'I' in the L504.	100 Classification Item No. (Commodity Code) M AN 1/8 2 130 O 10 >1 1 HL L503 22 C When the sub-item number is available, provide it in the last two positions of this element. DIC reference is applicable only when qualified with the value 'I' in the L504.	100 Classification Item No. (Commodity Code) M AN 1/8 2 130 O 10 >1 1 HL L503 22 C AN When the sub-item number is available, provide it in the last two positions of this element. DIC reference is applicable only when qualified with the value 'I' in the L504.

		DoD INFORMATION					X12	SEGM	ENT II	NFORM	ATION	ı	X12 ELE	MENT	INFO	ORMA	TION
Index	DG	Data Name Notes and Codes			mmended outes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attri	butes
111	-04 10	0 Classification Item No. (Commodity Code) Qualifier A - Harmonized Tariff Schedule of the United States Annotated	М	ID	1/1	2	130	0	10	>1	1	HL	L504	23	С	ID	1/1
		D - Department of Defense Unique Codes															
		I - Milstamp AITC or Water Commodity Code															
		J - Harmonized System-Based Schedule B															
		N - National Motor Freight Classification (NMFC)															
		T - Standard Transportation Commodity Code (STCC)															
		U - Uniform Freight Classification (UFC)															
111-0	6 100	Number On Packages Use to show descriptive marks and numbers on freight.	С	AN	1/45	2	130	0	10	>1	1	HL	L506	87	С	AN	1/48
112		100 L5 SEGMENT - Privately Owned Vehicle	С			2	130	0	10	> 1	1	HL					
		SEGMENT CONDITION: Required for OCEAN CARGO SHIPPING INSTRU	CTION	IS. Not use	ed otherwise.		If L507	7 is pres	sent, the	en L506 i	is requi	red.	her is requir her is requir				
112-02	100 F	POV Make	С	AN	1/10	2	130	0	10	>1	1	HL	L502	79	0	AN	1/50
		ELEMENT CONDITION: If this segment appears, at least one of L502 and L506 n in this segment. [T $_8$ 11/14]	nust be	e used			L502 r	may be	used to	send qu	antity ir	nformal	tion as part o	of the pr	oduct	descrip	tion.
112-00	3 100 '	Vehicle Color ELEMENT CONDITION: If this segment appears, at least one of L502 and L506 n in this segment.	C nust be	AN e used	1/8	2	130	0	10	>1	1	HL	L506	87	С	AN	1/48

113	190 LH6 SEGMENT - Certification Code (49 CFR Compliance)	С			2	134	0	5	> 1	1	HL					
	SEGMENT CONDITION: Required for HAZMAT shipments.					If eith	er LH6	02 or LF	1603 is p	oresent,	then th	e other is re	quired.			
113-01	190 HAZMAT - Certifying Person (49CFR Compliance) Clear text. MANDATORY for all hazardous material shipments. SOURCE: 49 CFR 172.204	М	AN	1/35	2	134	0	5	>1	1	HL	LH601	93	0	AN	1/60
113-02	190 HAZMAT - Certification Code (49 CFR Compliance) 1 - Abbreviated Hazardous Certification	M	ID	1/1	2	134	0	5	>1	1	HL	LH602	272	С	ID	1/1
	2 - Long Form of Hazardous Certification															

		DoD INFORMATION					X 1	2 SEG	MENT IN	FORMA	TION		X12	ELEMEI	NT IN	FORMA	TION
Index	DG	Data Name Notes and Codes			ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attri	butes
113-03	190	HAZMAT - Certification Declaration (49 CFR Compliance) Certification verbiage in accordance with 49 CFR 172.204. MAN materials shipments. Verbiage that certifies the entire shipment the first occurrence of the HL Line Item Description Loop. SOURCE: Hazardous Materials Regulations of the Department Rail, Highway, and Water available from Association of American	shoule	d appear	once in	2	134	0	5	>1	1	HL	LH603	273	С	AN	1/25
113-04	190	HAZMAT - Certification Declaration (49 CFR Compliance) ELEMENT CONDITION: Use for any remainder of certification v characters in LH603. SOURCE: Hazardous Materials Regulations of the Department Rail, Highway, and Water available from Association of American	of Tra	nsportatio	on by Air,	2	134	0	5	>1	1	HL	LH604	273	0	AN	1/25
114	190	NTE SEGMENT - 3PL Offer Record Number SEGMENT CONDITION: Use for 3PL coordinated shipmer Required for 3PL coordinated shipments. Matches the shipper's offer record corresponding 219 Transportation Service Request and a 220 T Response.	numbe	ers that a	ppear in	2	implem	entations	s, is not m		cessable	e. The us	which, under se of the NTE s ament.				
114-01	190	3PL Offer Record Number Qualifier UPI - Updated Information Use 'UPI' to denote 3PL Offer Record Number Qualifier.	M	ID	3/3	2	140	0	100	>1	1	HL	NTE01	363	0	ID	3/3
114-02	190	3PL Offer Record Number	М	AN	1/30	2	140	0	100	>1	1	HL	NTE02	352	М	AN	1/80
115	190	NTE SEGMENT - Vehicle Model Number SEGMENT CONDITION: Use to identify the model number for re Required for ocean shipments.	C	y vehicles	as applicable.	2		•	•				which, under se of the NTE s				

					be avo	oided, if	at all poss	ible, in ar	automa	ted enviro	onment.				
115-01 1001 Vehicle Model Number Qualifier EED - Equipment Description	М	ID	3/3	2	140	0	100	>1	1	HL	NTE01	363	0	ID	3/3
115-02 1001 Vehicle Model Number [T_9 D12 54/79]	M	AN	1/10	2	140	0	100	>1	1	HL	NTE02	352	M	AN	1/80
116 190 NTE SEGMENT - Unit Line Number SEGMENT CONDITION: Use to identify unit line number as	C applicab	le.		2	140	0	100	> 1	1	HL					
, and the second					implen	nentatio	•	machine p	orocessal	ble. The ι	ta which, undouse of the NTI nnment.				•
116-01 2001 Unit Line Number Qualifier OTN - Another Type of Number Description	М	ID	3/3	2	140	0	100	>1	1	HL	NTE01	363	0	ID	3/3

		DoD INFORMATION					X12	SEGM	ENT IN	FORMA	TION		X12 EL	EMENT	INFC	RMAT	ION
Index	DG	Data Name Notes and Codes	Do		mmended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	butes
116-0	2 2001	Unit Line Number [T_9 D-12 54/79]	М	AN	1/7	2	140	0	100	>1	1	HL	NTE02	352	М	AN	1/80
117	190	NTE SEGMENT - Transportation Tracking Account Number (TTAN)	С			2	140	0	100	> 1	1	HL					
		SEGMENT CONDITION: Required for unit move cargo when Transportation To Number is applicable.	rackir	ng Accou	ınt		X12 sta	andard nentatior	ns, is not	machine	proces	ssable.	on/data which The use of th environment.	e NTE se		nt should	I therefore
117-01 Qualifier		Transportation Tracking Account Number (TTAN) M TCF - Tariff Commodity Footnotes	ID	3/3		2	140	0	100	>1	1	HL	NTE01	363	0	ID	3/3
		Use 'TCF' to denote Transportation Tracking Account Number (TTAN).															
117-02	190	Transportation Tracking Account Number (TTAN)	М	AN	13/13	2	140	0	100	>1	1	HL	NTE02	352	М	AN	1/80
118	190	NTE SEGMENT - Other Information SEGMENT CONDITION: For non-ocean shipments, use to indicate line item le instructions. Ocean shipments use for additional comments information or rating information Repeat once for each qualifier.				2	X12 sta	andard nentatior	ns, is not	machine	proces	ssable.	on/data which The use of th			ıt should	I therefore
118-01	190	Other Information Qualifier Code Shipments by other than ocean use code value 'OTH'. Ocean shipments use of 'CIG', 'LIQ', 'ADD', and 'OCR'. ADD - Additional Information	M ode v	ID values	3/3	2	140	0	100	>1	1	HL	NTE01	363	0	ID	3/3
		CIG - Cigarette Information															

	LIQ - Liquor															
	Information															
	OCR - Outside the Continental U.S. (OCONUS) Rating Information															
	OTH - Other Instructions															
118-02 190	Other Information	М	AN	1/80	2	140	0	100	>1	1	HL	NTE02	352	М	AN	1/80
	Shipments by other than ocean enter clear text information related to the line	item s	such													
	as velocity management instructions. Ocean shipments enter values dependi	ng on	code													
	value in NTE01 as follows: With code value 'OCR' use tariff for CONUS to															
	Hawaii/Guam															
	Rating Information. With code value 'CIG' or 'LIQ' use cigarette or liquor information.	natior	١.													
	Repeat segment until all cigarette or liquor data has been entered. [T_9 D-12	54/79]													

		DoD INFORMATION					X12 S	SEGME	ENT IN	FORM	ATION	I			EMENT MATION	
Index	DG	Data Name Notes and Codes	1	DoD Recomme Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#	Att	ributes
119	120	L0 SEGMENT - Billed/Rated Quantity	М			2	145	0	1	20	2	L0				
		CHANGE NOTE: Segment condition updated per DM 1043. Repeat the L0 oversized dimensions for the same item.	loop if the	ere is more tha	an one set of		If either If either L009 is	er L004 er L006 er L008 s prese is pres	or L005 or L007 or nt, then ent, the	is prestis prestithe other L004	ent, the ent, the er is red is requi	n the of n the of quired. red.	ther is requ ther is requ ther is requ ther is requ	uired. uired.		
119-02	120	Billed/Rated Quantity A commodity is a single type of product or material. Transportation of a commod 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 the L0 segment in the HL Detail - Line Item Description Loop. One L0 segment each type pack under the line item. There may be many line items, i.e., HL Line Description Loop, of the same commodity. Two rules must be followed when contain L0 segment: 1) If the billed/rated quantity is expressed as freight weight, it appears. Freight weight is the weight that line haul rate is based upon and may included pallet, and dunnage weights, carried in separate MEA segments. The L004 L011 elements are not used. 2) If the billed/rated quantity is other than weight, sate absureds or gallons in the case of a pipeline shipment, it also appears here. If does not contain a decimal, decimal is assumed at right-most point of the field. I addition, the L004, L005, and L011 elements are used to carry the weight inform required. For ocean shipments, enter line item weight.	d here in occurs for Item estructing ars ude 4, L005, and entry	an	/8	2	145	0	1	20	2	LO	L002	220	C R	1/11
119	9-03 12	0 Billed/Rated Quantity Qualifier BA - Barrels GL - Gallon	M	ID 2	2/2	2	145	0	1	20	2	LO	L003	221	C ID	2/2
		LB - Pound														

TRANSFORTATION EDI CONVENTION													00	0.N.UU4U I
119-04 120 Freight Weight	С	R	1/8	2	145	0	1	20	2	L0	L004	81	C R	1/10
Freight weight of line item described in pounds only. Freight weight	is the weight that													
line haul rate is based on and may include skid, pallet, and dunnage	e weights, depending	9												
on the applicable tender. Skid, pallet, and dunnage weights are carr	ried in separate MEA	١												
segments. Entry may contain a decimal; if not, decimal is assumed	at right-most point o	f												
the field. See the next occurrence of the MEA segment for the weight	ht breakdown for													
packing materials. Decimals are not used for ocean shipments.														
[T_2 72/76]														
119-05 120 Freight Weight Qualifier	С	ID	1/2	2	145	0	1	20	2	L0	L005	187	C II	1/2
ELEMENT CONDITION: Required if L004 is used.														
See Section 6 for list of data values.														
119-06 120 Cube	М	R	1/8	2	145	0	1	20	2	L0	L006	183	C R	1/8
Cube of line item.														
[T_7 77/80]														

		DoD INFORMATION					X12 S	EGME	NT IN	FORM	ATIO	N	X12 E	LEMEN	NT IN	IFOR	MATION
Index	DG	Data Name Notes and Codes		DoD Recom		Tabl	Pos	Req Des		Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	outes
119-07	120	Cube Qualifier E - Cubic Feet	М	ID	1/1	2	145	0	1	20	2	LO	L007	184	С	ID	1/1
		G - Gallons															
		H - Hundreds of Measurement Tons															
		S - Measurement Ton															
		V - Liter															
		X - Cubic Meters															
119-08	120	Type Pack Quantity	М	N0	1/7	2	145	0	1	20	2	L0	L008	80	С	N0	1/7
		Enter the Type Pack Quantity. For ocean shipments, enter number of pieces. [T_0 68/71]					L008	is the r	number	of han	dling u	nits of	the line it	em tend	ered t	the o	carrier.
119-09	120	Type Pack Qualifier Code for packaging form of the lading quantity. SOURCE: Reference Section 6.0 of this IC for code values using the table that code the applicable type pack qualifier. Common code values associated with multiple definitions prevents documentation of the entire sub-set. [T_0 28/29]	M	ID	3/3	2	145	0	1	20	2	LO	L009	211	С	ID	3/3
119-10	120	O Type Pack Sub Qualifier Material used to protect lading. ELEMENT CONDITION: Use this value to identify specific MSCVAN and SEAVAN SOURCE: Reference Section 6.0 of this IC for code values using the table that co the applicable type pack qualifier. Common code values associated with multiple definitions prevents documentation of the entire sub-set. [T_7 54/67]	_	AN urations.	2/2	2	145	0	1	20	2	LO	L010	458	0	AN	2/25

		DoD INFORMATION					X	12 SEGI	MENT IN	FORMA	ΓΙΟΝ		X1	2 ELEME	NT IN	FORMA	TION
Index	DG	Data Name Notes and Codes	Dol		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attri	butes
119-11	12	20 Freight Weight Unit Code ELEMENT CONDITION: Required if L004 is used. E - Metric Ton	С	ID	1/1	2	145	0	1	20	2	LO	L011	188	0	ID	1/1
		G - Grams															
		K - Kilograms															
		L - Pounds															
		M - Measurement Ton															
		O - Ounces															
		S - Short Ton															
		T - Long Ton															
119-13	12	20 Over-dimensional Pieces, Quantity	С	R	1/15	2	145	0	1	20	2	L0	L013	380	С	R	1/15
		Used to indicate the number of oversized pieces. If there are multi items (all the same size), send as one line item and indicate total of Required for ocean shipments when there is more than one set of the same item.	quanti	ty here.			L013 is	used to	e used if the convey the ip sheet fo	total num	ber of bo), or SLP. tons, or piece	es containe	d on a		
119-15	12	20 Oversized Item Indicator	С	ID	1/1	2	145	0	1	20	2	L0	L015	1073	С	ID	1/1
		ELEMENT CONDITION: Required if L013 is used. Required for cis more than one set of oversized dimensions for the same item. N - No Y - Yes	ocean	shipmer	nts when there	;	containe	ed on a p	allet, slip	sheet or sk	id. Code	"Y" indi	o verify the no cates that the vill not be req	e carrier wil	l be		
120		L1 SEGMENT - Declared Value of Bill of C Lading e Item				2	150	0	20	20	2	LO					

TRAN	ISPORTATION EDI CONVENTION				_										8	58.R.004010
	SEGMENT CONDITION: Declared value is required for processed through a foreign host nation's customs and border clearance.			at will be		At leas	st one of er L114 o	L104, L1 or L115 is	present, t 05, or L10 present, t present, t	06 is requ hen the c	ired. ther is re	quired.				
120-04	120 Charge Code identifying the type of identification number of Deposito (DFI) 00 - Use value '00' to meet X12 syntax requirements.	M ory Financi	N2 al Institu	1/8 tion	2	150	0	20	20	2	L0	L104	58	С	N2	1/12
120-14	120 Declared Value Enter the actual value or selling price per TCN (include total quantity cost).	M bill of ladir	N2 ng line ite	2/12 m	2	150	0	20	20	2	LO	L114	74	С	N2	2/12

		Dod Information					X12 SE	GMENT IN	FORMAT	TION			X12 ELEM	ENT INF	ORMA	TION
Index	DG	Data Name Notes and Codes	Recor	DoD nmended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		At	tributes
120-15	120) Rate/Value Qualifier CO - Cost per Unit	M ID	2/2	2	150	0	20	20	2	LO	L115	122	С	ID	2/2
		Use 'CO' to denote Total Cost per TCN.														
121	12	20 MEA SEGMENT - Packaging Material Weight SEGMENT CONDITION: Use to provide weigl per commodity per shipment unit.	C nt breakout	per type pack	2	If MEAO	5 is prese 6 is prese 7 is prese	10 EA03, MEA09 Int, then MEA Int, then MEA Int, then at le 18 or MEA03	04 is requal 04 is requal ast one of	ired. ired. MEA03, M	·	d. MEA06 is requ	ired.			
121-01	12	O Packaging Material Qualifier Weight breakout per type pack per commodity carried in the MEA segment. For each type of packing material we individual MEA segment. DN - Dunnage Dimension PA - Pallet Dimensions			2	160	0	10	20	2	LO	MEA01	737	0	ID	2/2
		SK - Skid Dimensions														
121-02	12	20 Packaging Material Weight Qualifier B - Billed Weight	M ID	1/1	2	160	0	10	20	2	LO	MEA02	738	0	ID	1/3
121-03	The w skid, _l weigh	ackaging Material Weight reight for any component of the packaging mate callet, dunnage ts). Entry may contain a decimal; if not, decin most point of the field. [T_9 D-21 13/16]		1/8 ned at	2	160	0	10	20	2	LO	MEA03	739	С	R	1/20

IKANSP	ORTATION EDI CONVENTION												050.R.004010
121-04	Unit or Basis for Measurement Code M CE C00101 calls for an identifier from the DE 355 code list. The element separator is not used in this template. Its elements are concatenated together without using a delimiter.	2	160	0	10	20	2	LO	MEA04	C001	С	CE	
121-04-01	Unit or Basis for Measurement Code M ID 2/2 By placing code value 'PN' (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element. PN - Pounds Net	2	160	С	10	20	2	L0	C00101	355	M	ID	2/2
122	120 MEA SEGMENT - Shipped C Dimensions SEGMENT CONDITION: Required if the shipment is oversize or if air shipment. (GFM needs dimensions to cost air shipment.) All dimensions are required for all 3PL carrier shipments.		If MEA If MEA If MEA MEA03	05 is pres 06 is pres 07 is pres 3, MEA05,	ent, then Meent, then Meent, then a ent, then a or MEA06	20 A05, MEA0 MEA04 is red MEA04 is red t least one of its required A03 may be	quired. quired. of	L0 08 is requir	ed.				

		DoD INFORMATION						X12 SE	GMENT IN	IFORMA	TION			X12 ELEMI	ENT INF	ORMA	TION
Index	DG	Data Name Notes and Codes	DoD		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		At	ributes
122-01	1:	20 Shipped Dimensions Information Qualifier SD - Shipped Dimensions	М	ID	2/2	2	160	0	10	20	2	LO	MEA01	737	0	ID	2/2
122-02	12	20 Shipped Dimensions Qualifier GFM will calculate oversize dimensions from sinformation. HT - Height LN - Length WD - Width		ID provid	2/2 led	2	160	0	10	20	2	LO	MEA02	738	0	ID	1/3
122-03	12	20 Shipped Dimensions Units Use for values of oversize dimensions. [T_9 D-21 13/16]	М	N0	1/10	2	160	0	10	20	2	L0	MEA03	739	С	R	1/20
122-04		Unit or Basis for Measurement Code C00101 calls for an identifier from the DE 355 separator is not used in this template. Its elements are concate using a delimiter.	code I			2	160	0	10	20	2	L0	MEA04	C001	С	CE	
122-04-01		English Measurement Code By placing code value 'FT' or 'IN' (DE 355 unit C00101, you are satisfying X12 syntax requirements for the cor FT - Foot IN - Inch	qualifi	•		2	160	С	10	20	2	LO	C00101	355	М	ID	2/2
123	120	MEA SEGMENT - Net Explosive C Weig SEGMENT CONDITION: Required for all include if available. English (and metric) units are required to comply with 49 C For OCONUS shipments, NEW facilitates com	shipme	ent mo	odes;	2	If MEA0	5 is presei 6 is presei	10 A03, MEA0 ant, then MEA nt, then MEA nt, then at le	A04 is requ A04 is requ	uired. uired.	L0	ed.				

111771101	OKTATION EDI CONVENTION															030.17.004010
								6, or MEA06 A08 or MEA	•							
123-01	120 Net Explosive Weight Qualifier NX - Net Explosive Weight	M	ID	2/2	2	160	0	10	20	2	L0	MEA01	737	0	ID	2/2
123-03	120 Net Explosive Weight If net explosive weight is available for an weight in this data element. Entry may contain a de assumed at right-most point of the field. [T_9 D-21 13/16]			•	2	160	0	10	20	2	LO	MEA03	739	С	R	1/20
123-04	Composite Unit of Measurement Code	М	CE		2	160	0	10	20	2	L0	MEA04	C001	С	CE	

		DoD INFORMATION					Х	12 SEG	MENT IN	IFORMAT	ΓΙΟΝ		X,	12 ELEMEI	NT INF	ORMAT	ION
Index	DG	Data Name Notes and Codes	DoE) Recomi		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	ibutes
123-04-01		Net Explosive Weight Qualifier (English) Both metric and English units are required to complete to the complete the code values (DE 355 unit qualifier) in the C001 syntax requirements for the composite data element. Use 'G' 'PN' if explosive is dry. GA - Gallon PN - Pounds Net) 01, yc	ou are sat	tisfying X12	2	160	С	10	20	2	LO	C00101	355	М	ID	2/2
124	1	20 MEA SEGMENT - Net Explosive Quantity (Metric) SEGMENT CONDITION: Required if available. Met required to comply with 49 CRF 171.10. For OCONUS shipments, NEW facilitates complian		J	,	2	If MEA0 If MEA0 If MEA0	5 is prese 6 is prese 7 is prese	ent, then Ment, then Ment, then at	A05, MEA0 IEA04 is re IEA04 is re I least one .03 may be	quired. quired. of MEA03	3, MEA05	quired. , or MEA06 is	required.			
124-01	12	20 Net Explosive Quantity Qualifier WT - Weights Use 'WT' to denote Net Explosive Quantity.	М	ID	2/2	2	160	0	10	20	2	LO	MEA01	737	0	ID	2/2
124-03	12	O Net Explosive Quantity Entry may contain a decimal; if not, decimal is assume field. [T_9 D-21 13/16]	M d at ri	R ght-most	1/8 point of the	2	160	0	10	20	2	LO	MEA03	739	С	R	1/20
124-04		Composite Unit of Measurement Code	М	CE		2	160	0	10	20	2	L0	MEA04	C001	С	CE	

124-04-01	Net Explosive Quantity Qualifier (Metric)	М	ID	2/2	2	160	С	10	20	2	L0	C00101	355	М	ID	2/2
	By placing these code values (DE 355 unit qual satisfying	ifier) in the	C00101	, you are												
	X12 syntax requirements for the composite data dry.	a element. L	lse 'KG'	if explosive is												
	Use 'LT' if explosive is wet.															
	KG - Kilogram															
	LT - Liter															
125	120 MEA SEGMENT - Round Count	С			2	160	0	10	20	2	L0					
	SEGMENT CONDITION: Required if shipme	ent contains	ammun	ition.		At leas	t one of	MEA03, M	EA05, ME	A06, or M	MEA08 is re	equired.				
						If MEA	.05 is pre	sent, then	MEA04 is	required.						
						If MEA	.06 is pre	sent, then	MEA04 is	required.						
						If MEA	.07 is pre	sent, then	at least or	ne of MEA	403, MEA	5, or MEA06 is	required.			
						Only o	ne of ME	A08 or ME	EA03 may	be preser	nt. 					
125-01	120 Round Count Qualifier	М	ID	2/2	2	160	0	10	20	2	L0	MEA01	737	0	ID	2/2
	CT - Counts															

		DoD INFORMATION					X12 SE	GMENT IN	IFORMAT	ION			X12 ELEM	ENT INF	ORMAT	ION
Index	DG	Data Name Notes and Codes	Recomn	oD nended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		At	tributes
125-03	120	D Round Count [T_9 D-21 13/16]	M NO	1/8	2	160	0	10	20	2	LO	MEA03	739	С	R	1/20
125-04		Composite Unit of Measurement Code M C	E		2	160	0	10	20	2	L0	MEA04	C001	С	CE	
125-04-01		Round Count Qualifier By placing code value 'RO' (DE 355 unit C00101, you are satisfying X12 syntax requirements for the composite data RO - Round	. ,		2	160	С	10	20	2	LO	C00101	355	М	ID	2/2
126	1	20 L0 SEGMENT - Ammunition Lot Number/Number of Pieces	С		2	145	0	1	20	2	LO					

	LOOP CONDITION: Required f shipment contains ammunition cube and ammunition lot number segment (Round Count).	Report pieces	s, wei	ght,		If either If either If either If L011	L004 or L006 or L008 or is presen	L005 is pre L007 is pre L009 is pre t, then L004	sent, then the sent, then the sent, then the sent, then the 4 is required. sent, then the	e other is re e other is re e other is re	equired. equired. equired.					656.K.UU4U1U
126-04	120 Weight [T_7 72/76]	С	R	1/10	2	145	0	1	20	2	L0	L004	81	С	R	1/10
126-05	120 Weight Qualifier	A1 - Dimer		J	2	145	0	1	20	2	L0	L005	187	С	ID	1/2
126-06	120 Cube ELEMENT CONDITION: Required [T_7 68/71]	С	R	1/8	2	145	0	1	20	2	L0	L006	183	С	R	1/8
126-07	120 Cube Qualifier E - Cubic Feet	С	ID	1/1	2	145	0	1	20	2	L0	L007	184	С	ID	1/1
126-08	120 Number of Pieces ELEMENT CONDITION: Required [T_7 77/80]		N0 pmen	1/7 ts.	2	145 L008 is	O the numb	1 per of hand	20 ling units of t	2 ne line item	L0 tendered t	L008	80	С	N0	1/7
126-09	120 Packaging Form Code (for number 3/3 pieces) PCS - Pieces	of C	ID		2	145	0	1	20	2	L0	L009	211	С	ID	3/3

		Dod Information				X12 SE	GMENT IN	IFORMATI	ION		>	(12 ELEME	NT IN	FORMAT	ION
Index	DoD Recommended Attributes 10 120 Ammunition Lot Number C AN 2/14				Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attr	butes
126-1					145	0	1	20	2	LO	L010	458	0	AN	2/25
127		120 LO SEGMENT - Dimensional C V	Veight	2	145	0	1	20	2	LO					

TRANSPORTATION EDI CONVENTION				_											858.R.004010
LOOP CONDITION: Use when dir Dimensional Weight is the	mension	al wei	ght applies	S.			•	ent, then the		•					
chargeable weight computed on the b actual weight. GFM will	chargeable weight computed on the basis of volume rathe							ent, then the	other is re	quired.					
								ent, then the is required.	other is re	quired.					
						•		ent, then the	other is re	quired.					
127-04 120 Dimensional Weight	М	R	1/10	2	145	0	1	20	2	LO	L004	81	С	R	1/10
When applicable, dimensional weight state the following formula:	hall be	calculat	ed using												
Length x Width x Height divided by 1 weight (all measurements in inches).	5 ,														
[T_2 72/76]															
127-05 120 Dimensional Weight Qualifier A1 - Dimensional Weight	M	ID	2/2	2	145	0	1	20	2	L0	L005	187	С	ID	1/2
127-11 120 Weight Unit Code E - Metric Ton	M	ID	1/1	2	145	0	1	20	2	LO	L011	188	0	ID	1/1
G - Grams															
K - Kilograms															
L - Pounds															
M - Measurement Ton															
O - Ounces															
S - Short Ton															
T - Long Ton															
128 190 LH1 SEGMENT - HAZMAT Quantities LOOP CONDITION: DG 190 required hazardous material and/or the	C I if the	shipmo	ent contain	2 s	170	0	1	100	2	LH1					
Defense Transportation Tracking	System	(DTTS)	is required.												

		DoD INFORMATION					X12	SEGN	IENT II	NFORM	ATION		X12 EL	EMENT	INF	ORMAT	TION
Index	DG	Data Name Notes and Codes		DoD Reco		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attril	outes
128-01	19	0 HAZMAT - Unit Of Measure Code Contains the code identifying the Unit of Measure (type of packaging) for in LH102 is reported. Use LH106 to express weight and volume. SOURCE: Reference Section 6.0 of this IC for code values using applica Common code values associated with multiple definitions prevents docu entire sub-set. Sample Values: BA, BD, BG, BX, CH	able tal	oles.	2/2	2	LH101 nonbu mover	lk	1 H102 a	100	2 to conv	LH1	LH101 number and	355	M pack	ID	2/2 or bulk and
128-02	19	0 HAZMAT - Lading Quantity Contains the number of units (pieces) of the lading commodity that is Ha SOURCE: 49 CFR 172.202(c) [T_9 D-15 54/79]	M zardou	N0 us.	1/7	2	170	0	1	100	2	LH1	LH102	80	M	N0	1/7
128-03	190	D HAZMAT - UN/NA ID Code SOURCE: Hazardous Materials Regulations of the Department of Transpair, Air, Rail, Highway, and Water available from Association of American Railroa [T_6 74/79]		-	6/6	2	170	0	1	100	2	LH1	LH103	277	0	ID	6/6
128-06	19	Use the unit of measure codes for quantity or volume of non bulk shipme typically be pounds, cubic feet, or a unit of measure other than pieces. If of the hazardous material is measured in other than the above listed We Measure, refer to X12 Standard, DE 355. Use LH101 to express type of ELEMENT CONDITION: Required if LH107 is used. At least one LH106/LFH05/LFH06 are required to pass the HAZMAT unit of measure and quantity. If an Engunit of measure are available, both are required. See Section 6 for list of data values.	the weight Ur packag	eight nits of ging.	2/2	2		O and LH			2 convey	LH1	LH106 ntity or volur	355	O nit of	ID measure	2/2 e for
128-07	190	D HAZMAT - Quantity Quantity refers to the amount (i.e., weight in pounds, volume in cubic fee such measurement) of the hazardous material commodity that is to be tr			1/15	2	170	0	1	100	2	LH1	LH107	380	0	R	1/15
128-09	19	0 HAZMAT - Residue Indicator Code	С	ID	1/1	2	170	0	1	100	2	LH1	LH109	665	0	ID	1/1

TRANSPORTATION EDI CONVENTION

Code indicating that the material being described is that which remains in a packaging (including a tank car) after it has been unloaded. Use code value 'R' to indicate that the unit being shipped is empty and contains a

residue from a prior movement.

SOURCE: 49 CFR 172.203(e)

R - Residue Last Contained Description (Tank Car)

In LH109, a value of "R" or "P" requires that the receiver generate the words "residue: last contained" prior to the shipping name in accordance with regulations.

		DoD INFORMATION	ne DoD Recom Attribute - Packing Group Code C ID 1 the required packing group using Roman Numeral I, II, or III to indicate the f danger. E: 49 CFR, Table 172.101 SEGMENT - HAZMAT Classification C									I	X12 ELE	MENT	INFC	RMA	TION
Index	DG	Data Name Notes and Codes	ı			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attri	butes
128-	10 190	HAZMAT - Packing Group Code Indicate the required packing group using Roman Numeral I, II, or III to indicate degree of danger. SOURCE: 49 CFR, Table 172.101	_	ID	1/3	2	170	0	1	100	2	LH1	LH110	254	0	ID	1/3
129		190 LH2 SEGMENT - HAZMAT Classification SEGMENT CONDITION: Required for loaded and unloaded HAZMAT shipme				2	If eithe	er LH208	8 or LH2	209 is pre	esent, t	hen the	other is requented other is requented other is requented to the temper is requented to the	uired.			
129-	01 190	HAZMAT - Hazardous Class/Division Identify the hazard class or division prescribed for the material as shown in coord 49 CFR Table 172.101. If there is no hazard class or division, use the code in the column, such as ORM-D (Other Regulated Material), reference 49 CFR 173.2 subsidiary hazard but no hazard class or division, use code value 'NA'. A mat which the entry in this column is 'Forbidden' may not be offered for transportabe transported. This segment needs to be repeated for each subsidiary hazar SOURCE: 49 CFR 172.101;49 CFR 173.2 [T_6 71/72]	at 2. If there erial for ation nor		1/30	2	180	0	4	100	2	LH1	LH201	215	0	ID	1/30
129-	02 190	HAZMAT - Hazard Class Qualifier Repeat the LH2 segment as necessary to identify the primary and each subsite (secondary) hazard of the material being shipped. P - Primary	M idiary	ID	1/1	2	180	0	4	100	2	LH1	LH202	983	0	ID	1/1
129-	05 190	S - Secondary O HAZMAT - Reportable Quantity For empty packagings or units containing the residue of a hazardous materia ELEMENT CONDITION: Required if necessary to indicate a reportable quant the shipment. SOURCE: 49 CFR 172.203(e) RQ - Reportable Quantity		ID esent in	2/2	2	180	0	4	100	2	LH1	LH205	759	0	ID	2/2

129-06 190 HAZMAT Flashpoint Temperature Code	С	ID	2/2	2	180	0	4	100	2	LH1	LH206	355	С	ID	2/2
ELEMENT CONDITION: Required if LH207 is used. CE - Centigrade, Celsius					LH20	6 and I	LH207 ir	ndicate th	ne flash	point ten	nperature.				
Use 'CE' to denote Centigrade.															
FA - Fahrenheit															

		DoD INFORMATION					X12 S	EGM	ENT II	NFORM	MATIO	N	X12 E	LEMEI	NT IN	IFORI	MATION
Index	DG	Data Name Notes and Codes			mmended butes	Tabl	Pos	Req Des		Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	butes
129-07	190	HAZMAT Flashpoint Temperature	С	R	1/4	2	180	0	4	100	2	LH1	LH207	408	С	R	1/4
130	190	LH3 SEGMENT - HAZMAT Names SEGMENT CONDITION: Required for empty/unloaded HAZMAT shipments; the contain the last contents shipping name.	ON: Required for empty/unloaded HAZMAT shipments; this segment should ents shipping name. Shipping Name M AN 1/25 2 hazardous material shipments including ammunition and explosives.							100 .H302 is	2 prese	LH1 nt, then	the other is	s requir	ed.		
130-01	190	HAZMAT - Proper Shipping Name MANDATORY for all hazardous material shipments including ammunition and e Create additional LH301 segment(s) for remainder of Proper Shipping Name ex characters. SOURCE: 49 CFR 172.101; 49 CFR 172.202 [T_9 D-15 54/79]	xplosiv	es.	1/25	2	190	0	12	100	2	LH1	LH301	224	С	AN	1/25
130-02	190	HAZMAT - Proper Shipping Name Qualifier C - Canadian Shipping Name D - Domestic (United States) Shipping Name I International Shipping Name	M	ID	1/1	2	190	0	12	100	2	LH1	LH302	984	С	ID	1/1
130-03	190	HAZMAT - N.O.S. Indicator Code If this field is used, an LFH segment must follow using code value 'TEC' in LFH NOS - N.O.S. Regulatory Requirements Apply	C 01.	ID	3/3	2	190	0	12	100	2	LH1	LH303	985	0	ID	3/3
131	190	LFH SEGMENT - HAZMAT Remarks SEGMENT CONDITION: Required for HAZMAT shipments requiring specific la	C beling.			2		O er LFH	20 105 or L		2 s prese	LH1 nt, then	the other i	s requir	ed.		

		DoD INFORMATION			X12	SEGN	MENT	INFC	RMAT	ION			X12 EL NFORI		
Index	DG	Data Name Notes and Codes	DoD	Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE #	Attri	butes
Qualifier		M Contains the hazardous material shipment information qualifier indicating the type of information being passed. MANDATORY for all explosives unless otherwise noted in 49 CFR 172.320. Use interim EX-number for explosives waiting for final classification. If the X12 code definition accompanying a LFH01 code value contains text in quotations, place the part in quotations in LFH02. If the code definition contains no quotations, see the user note in LFH02 for further guidance. Use code value 'ADI' to denote 'Other	ID 3/3												
		information not accounted for in the code list'. Use code value 'TEC' in this data element to indicate that the N.O.S. indicator is specified in LH303. Enter additional information that must appear in association with the shipment's basic description according to 49 CFR. Use additional occurrences of LFH segment as necessary for each code that applies to shipment. SOURCE: 49 CFR ADI - Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement by the Shipper													
		DWW - "Dangerous When Wet" Declaration													
		HOT - Identifies Products in a Heated Molten State													
		HZC - Hazardous Substance Constituents													
		LQY - "Limited Quantity" Declaration													
		MOS - Maximum Operating Speed													
		MPI - Marine Pollutant													
		PIH - "Poison - Inhalation Hazard" Declaration													
		POI - Poison Declaration													

Use 'POI' to denote "Poison" Declaration.								
RAM - Radioactive Material Data								
TEC - Technical or Chemical Group Name								
131-02 190 HAZMAT - Additional Basic Description Information	M	AN	1/25	2	191 O	20	100 2	LH1 LFH02 809 M AN 1/25
Contains specific information about the hazardous material shipment. When applicable,	IVI	AN	1/25	-	131 0	20	100 2	EITT EI 1102 009 WAN 1/23
use the descriptive narrative from LFH01. If LFH01 = 'ADI', use this element for any								
overflow information from LFH01 or 49 CFR except Proper Shipping Name. Use LFH03 for								
additional overflow. If LFH01 = 'PIH'. enter 'Poisonous - Inhalation								
additional overflow. If LFH01 = 'PIH', enter 'Poisonous - Inhalation Hazard. Zone X'.								
Hazard, Zone X',	ee 49							
Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [Se	ee 49							
Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [Se	ee 49							
Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [Se	ee 49							
Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [Se CFR 172.203(n)]. If LFH01 = 'RAM', enter the appropriate text in quotes as specified by 49	ee 49							
Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [Set CFR 172.203(n)]. If LFH01 = 'RAM', enter the appropriate text in quotes as specified by 49 CFR 172.203(d). If LFH01 = 'LQY', enter 'Ltd Qty' or 'Limited Quantity'. If LFH01 =	ee 49							
Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [Set CFR 172.203(n)]. If LFH01 = 'RAM', enter the appropriate text in quotes as specified by 49 CFR 172.203(d). If LFH01 = 'LQY', enter 'Ltd Qty' or 'Limited Quantity'. If LFH01 = 'HZC', enter 'Hazardous substance	ee 49							
Hazard, Zone X', where X is the code designated in LFH04. If LFH01 = 'HOT', enter 'HOT' [Set CFR 172.203(n)]. If LFH01 = 'RAM', enter the appropriate text in quotes as specified by 49 CFR 172.203(d). If LFH01 = 'LQY', enter 'Ltd Qty' or 'Limited Quantity'. If LFH01 = 'HZC', enter 'Hazardous substance constituents.' If LFH01 = 'MOS', enter 'Maximum	ee 49							

		Dod Information	Name s and Codes ZMAT - Additional Information C AN or description overflow from LFH02. Use LFH01, 02, and 03 as a set and repeat loop cessary to convey all additional basic description information. MAT - Hazard Zone Code C ID ins the code specifying the Department of Transportation assigned zone designating halation Toxicity Hazard Zone. JENT CONDITION: Use applicable Hazard Zone Code when LFH01 = PIH. Jazard Zone A Jazard Zone B Jazard Zone C				X12 S	SEGM	ENT II	NFORM	IATION	١	X12 EL	EMENT	INF	ORMA	ΓΙΟΝ
Index	DG	Data Name Notes and Codes			mmended outes	Tabl	Pos	Req Des		Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	outes
131-03	190	HAZMAT - Additional Information Use for description overflow from LFH02. Use LFH01, 02, and 03 as a set as as necessary to convey all additional basic description information.			1/25	2	191	0	20	100	2	LH1	LFH03	809	0	AN	1/25
131-04	190	the Inhalation Toxicity Hazard Zone. ELEMENT CONDITION: Use applicable Hazard Zone Code when LFH01 = A - Hazard Zone A	ne desi		1/1	2	191	0	20	100	2	LH1	LFH04	1023	0	ID	1/1
		B - Hazard Zone B C - Hazard Zone C															
		D - Hazard Zone D															
132	190	LFH SEGMENT - Round Count SEGMENT CONDITION: Required for TC-AIMS II moves only.	С			2	191 If eith	O er LFH	20 05 or L	100 FH06 is	2 present	LH1 , then tl	he other is r	equired.			
132-01	190	HAZMAT- Information Qualifier Use code value 'ADI' to satisfy X12 syntax requirements. ADI - Additional Descriptive Information Not Required by Regulation but Des Accompany the Movement by the Shipper	M ired to	ID	3/3	2	191	0	20	100	2	LH1	LFH01	808	M	ID	3/3
132-02	190	HAZMAT- Round Count Identifier Specific information required by law for hazardous material shipments. Enter contains HAZMAT Round Count Information. CT	M value	AN 'CT' to indic	2/2 cate segment	2	191	0	20	100	2	LH1	LFH02	809	М	AN	1/25
132-05	190	HAZMAT- Round Count Qualifier RO - Round	М	ID	2/2	2	191	0	20	100	2	LH1	LFH05	355	С	ID	2/2
132-06	190	HAZMAT- Round Count	M	R	1/15	2	191 LFH0	O 6 indic	20 ates ac	100 tivity of t	2 he radio	LH1 pactive i	LFH06 material.	380	С	R	1/15

133	190	LFH SEGMENT - HAZMAT Metric Weight C	2	191	0	20	100	2	LH1
		SEGMENT CONDITION: Required if LH107 is used. Use along with LH106 for HAZMAT explosive materials.		If eith	ner LFI	H05 or L	FH06 is	preser	nt, then the other is required.

		DoD INFORMATION				X12	SEG	MEN [.]	T INF	ORMA	TION	1			ELEMEN RMATIO	
Index	DG	Data Name Notes and Codes			Recommended Attributes	Tabl	Pos		Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref De	s DE #	Attr	ibutes
13	3-01 19	O HAZMAT- Information Qualifier Use code value 'ADI' to satisfy X12 syntax requirements. ADI - Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement by the Shipper	M	ID	3/3	2	191	0	20	100	2	Lŀ	11 LFH01	808	M ID	3/3
13	3-02 19	0 HAZMAT- Shipment Information Specific information required by law for hazardous material shipments. Enter value 'WT Metric Weight Information. WT	M ' to indi	AN cate segm	2/2 nent contains HAZMAT	2	191	0	20	100	2	Lŀ	11 LFH02	2 809	MAN	1/25
13	3-05 19	0 HAZMAT- Metric Measurement Code 2C - Roentgen	С	ID	2/2	2	191	0	20	100	2	LH	11 LFH05	355	C ID	2/2
		2Q - Kilobecquerel														
		2Y - Milliroentgen														
		40 - Milliliter per Second 4N - Megabecquerel														
		GM - Grams per Sq. Meter														
		GR - Gram														
		H4 - Hectoliter														
		HG - Hectogram KG - Kilogram														
		KR - Kiloroentgen														
		LT - Liter														

 ***************************************	***************************************
MC - Microgram	
ME - Milligram	
MG - Metric Gross Ton	
ML - Milliliter	
MP - Metric Ton	
R2 - Becquerel	

		DoD INFORMATION				X12	SEG	MEN ⁻	ΓINF	ORMA	101	N			EMEN'	
Index	DG	Data Name Notes and Codes			commended ributes	Tabl	Pos	Req Des	Max Use		Lp Lvl	Lp I D	Ref Des	DE #	Attri	butes
133-	06 190	HAZMAT- Metric Quantity	С	R	1/15	2	191	0	20	100 2		L	H1 LFHC	6 380 0	R	1/15
		Use the unit of measure codes for quantity or volume of non bulk shipments. This will typically be grams, cubic meters, or a unit of measure other than pieces. If the weight of the hazardous material is measured in other than the above listed Weight Units of Measure, refer to X12 Standard, DE 355. Use LH101 to express type of packaging. ELEMENT CONDITION: Required if LFH05 is used. At least one LH106/LH107 or LFH05 are required to pass the HAZMAT unit of measure and quantity. If an English and Metric unit of measure are available, both are required.	5/LFH06				LFH	06 ind	icates a	activity o	of the	e radio	active m	aterial.		
134		190 LFH SEGMENT - Net Explosive Weight (English)	С			2	191	0	20	100	2	LH1				
		SEGMENT CONDITION: Required for TC-AIMS II moves only.					If eit	her LF	H05 or	LFH06	is p	resent	, then the	e other i	s require	d.
134	-01 190	HAZMAT - Information Qualifier	М	ID	3/3	2	191	0	20	100 2			LH1 LFH	01 808	M ID 3/3	
		Use code value 'ADI' to satisfy X12 syntax requirements. ADI - Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement by the Shipper														
		CAO - Cargo Airlift Only														
		D13 - "DOT - 113, Do Not Bump or Cut Off Car While in Motion" Declaration														
		DRC - Damaged Car Number														
		DWW - "Dangerous When Wet" Declaration														
		EMS - Emergency Schedule (EMS) Page Number														
		HOT - Identifies Products in a														
		Heated Molten State														
		HZC - Hazardous Substance Constituents														

INH - Inhalation	
Hazard	
LQY - "Limited Quantity" Declaration	
MFA - Medical First Aid Guide (MFAG) Page	
Number	
MOS - Maximum Operating Speed	
MPI - Marine Pollutant	
PIH - "Poison -	
Inhalation Hazard" Declaration	
POI - Poison Declaration	
RAM - Radioactive Material	
Data	
TEC - Technical or Chemical Group Name	
TNM - Trade Name	
WST - Waste	
Declaration	

		Dod Information					X12 S	EGME	ENT IN	NFORM	IATIOI	N	X12 ELI	EMENT	INF	ORMA	TION
Index	DG	Data Name Notes and Codes	Do		nmended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	butes
134-02	190	HAZMAT - Shipment Information Specific information required by law for hazardous material shipments. Enter value 'No contains HAZMAT English Weight Information. NX	M (' to i	AN ndicate s	2/2 segment	2	191	0	20	100	2	LH1	LFH02	809	М	AN	1/25
134-05	190	HAZMAT - English Net Explosive Weight Code GA - Gallon PN - Pounds Net	С	ID	2/2	2	191	0	20	100	2	LH1	LFH05	355	С	ID	2/2
134-06	190	HAZMAT - English Net Explosive Weight	С	R	1/15	2	191 LFH0	O 6 indica	20 ates ac	100	2 he radi	LH1 oactive	LFH06 material.	380	С	R	1/15
135	190	LFH SEGMENT - Net Explosive Weight (Metric) SEGMENT CONDITION: Required for TC-AIMS II moves only.	С			2	191	O If eith	20 ner LFH	100 105 or L	2 FH06 is	LH1 s preser	nt, then the	other is	requi	red.	
135-01	190	HAZMAT - Shipment Information Qualifier Use code value 'ADI' to satisfy X12 syntax requirements. ADI - Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement by the Shipper	M	ID	3/3	2	191	0	20	100	2	LH1	LFH01	808	M	ID	3/3
135-02	190	HAZMAT - Shipment Information Enter value 'NW' to indicate segment contains HAZMAT Metric Net Weight Information NW	M ı.	AN	2/2	2	191	0	20	100	2	LH1	LFH02	809	М	AN	1/25
135-05	190	HAZMAT - Metric Net Explosive Weight Code KG - Kilogram LT - Liter	С	ID	2/2	2	191	0	20	100	2	LH1	LFH05	355	С	ID	2/2
135-06	190	HAZMAT - Metric Net Explosive Weight	С	R	1/15	2	191 LFH0	O 6 indica	20 ates ac	100 tivity of t	2 he radi	LH1 oactive	LFH06 material.	380	С	R	1/15

136	190	LHR SEGMENT - DOT Explosive Approval	С			2	210	0	10	100	2	LH1					
		Number															
		(EX-number)															
		SEGMENT CONDITION: Required for shipment of explosive materials.															
136-01	190	HAZMAT - DOT Explosive Approval Number Qualifier HD - Department of Transportation Hazardous Number	М	ID	2/2	2	210	0	10	100	2	LH1	LHR01	128	M	ID	2/3

		DoD INFORMATION				X12	2 SEG	MEN	T INF	ORMA	TION	I	X12 ELI	EMEN	Γ INFOR	MATION
Index	DG	Data Name Notes and Codes			ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#	Attri	butes
136-02	1	190 HAZMAT - DOT Explosive Approval Number (EX-number) Product codes and national stock numbers must be traceable to the specific EX-number (also referred to as hazard classification approval number) assigned by the Associate Administrator for Hazardous Materials Safety. SOURCE: 49 CFR 172.320 and 173.56(b) [T_6 80/80]	M	AN	1/30	2	210	0	10	100	2	LH1	LHR02	127	MAN	1/30
137		190 LHR SEGMENT - Competent Authority Approval				2	210	0	10	100	2	LH1				
	Num	SEGMENT CONDITION: Use if competent authority approval is required.														
137-01		190 Competent Authority Approval Number Qualifier HA - Competent Authority	М	ID	2/2	2	210	0	10	100	2	LH1	LHR01	128	M ID	2/3
137-02	1	90 Competent Authority Approval Number Issued by Department of Transportation, approval number is CA-YYNNNNA, where Y = year = approval number within that year, and A is an optional alphanumeric designator. Only applicable when DoD requires an exception to the international performance oriented packaging rules. [T_6 80/80]	M ar, N	AN	1/30	2	210	0	10	100	2	LH1	LHR02	127	MAN	1/30
138		190 LHR SEGMENT - DOT Exemption Number SEGMENT CONDITION: Required when DOT exemption applies.	С			2	210	0	10	100	2	LH1				
138-01	19	90 DOT Exemption (DOT-E) Number Qualifier HE - Hazardous Exemption Number	M	ID	2/2	2	210	0	10	100	2	LH1	LHR01	128	M ID	2/3
138-02	19	Identifies the DOT Exemption to any of the 49 CFR Regulations for hazardous materials. Normally used only for domestic shipments. Can be used for international shipments but is not guaranteed to be accepted by international customs. SOURCE: 49 CFR 172.2(a) [T_6 80/80]	M	AN	1/30	2	210	О	10	100	2	LH1	LHR02	127	MAN	1/30
139	Code	190 LHR SEGMENT - Int'l Maritime Dangerous Goods e C SEGMENT CONDITION: Use this segment if the hazardous shipment requires international	ıl			2	210	0	10	100	2	LH1				

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

FREIGHT BILL OF LADING SHIPMENT INFORMATION 858.R.004010

	regulation	1.											
139-01	190	HAZMAT - Int'l Maritime Dangerous Goods Code (IMDG)			2	210 O	10	100	2	LH1 LHR01	128	M ID	2/3
	Qualifier	M	ID	2/2									
	IM - Interg	governmental Maritime Organization (IMO) Number											

		DoD INFORMATION				X12	SEGN	IENT	INFO	ORMA	TION	1			EMENT MATION
Index	DG	Data Name Notes and Codes			Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE #	Attributes
139	9-02 19	00 HAZMAT - Int'l Maritime Dangerous Goods Code (IMDG) [T_6 80/80]	М	AN	1/30	2	210	0	10	100	2		LH1 LHI	R02 127	' M AN 1/30
140	19	OO LHR SEGMENT - DODIC SEGMENT CONDITION: Required for TC-AIMS II moves only.	С			2	210	0	10	100	2	LH1			
140-0	1 190	DoDIC Qualifier Use '1I' for shipments by other than ocean. Use '6P' only for ocean shipments. 1I - Department of Defense Identification Code (DoDIC)	М	ID	2/2	2	210	0	10	100	2	L	H1 LHR	01 128	M ID 2/3
		6P - Group Number													
140-0	2 190 [DoDIC	М	AN	1/30	2	210	0	10	100	2		LH1 LHF	R02 127	' M AN 1/30
		[T_9 D-15 67/70]													
141		190 LHR SEGMENT - National Stock Number (NSN) SEGMENT CONDITION: Required for TC-AIMS II moves only.	С			2	210	0	10	100	2	LH1			
141-0)1 190	HAZMAT - NSN Qualifier NS - National Stock Number	М	ID	2/2	2	210	0	10	100	2	L	H1 LHR	01 128	M ID 2/3
141-0	2 190	HAZMAT - NSN [T_6 54/66]	М	AN	1/30	2	210	0	10	100	2		LH1 LHF	R02 127	M AN 1/30
142		190 FA1 SEGMENT - TCN Appropriation Number Loop LOOP CONDITION: Use for appropriation assignment. Carriers do not need to receive a This segment begins the appropriation number loop. It calls for both FA1 and FA2 segments systems that are capable of receiving, storing, and sending structured DoD appropriation use this loop to exchange those numbers with trading partners. If there is only one Transportation Accounting Code or Line of Accounting at the header level, then it applies to all shipments in that container. If there is TAC/LOA at the header level, and some of the line items in the container have their own TACs/LOAs and some do not, use the TACs/LOAs at the line item level for those specific shipments and default to the header TAC/LOA for all others. If there is an invalid TAC/LOA on a single line item we will use the header TAC/LOA. If there is only one Transportation Accounting level, then it applies to all shipments in that container. If there is TAC/LOA at the header level, and some of the line items in the container have their own TACs/LOAs and	ents. Ship n numbers	per s may	counting at the header	2	230	0	1	> 1	2	FA1			

TRANSPORTATION EDI CONVENTION	658.R.004010
some do not, use the TACs/LOAs at the line item level for those specific shipments and	
default to the header TAC/LOA for all others. If there is an invalid TAC/LOA on a single	
line item we will use the header TAC/LOA.	

			DoD INFORMATION				X1:	2 SEG	MENT	INFC	ORMA'	TION				EMENT MATION	
Index	D	G	Data Name Notes and Codes			commended tributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#	Attr	butes
142	-01	190	Agency Qualifier Code	М	ID	2/2	2	230	0	1	>1	2	FA1	FA101	559	M ID	2/2
			Code identifying the agency assigning the code values. DF - Department of Defense (DoD)					accou	ınting	ifies t	he org	janizat	tion co	ntrolling t	he assiç	gnment of	financial
			DN - Department of the Navy					inform	nation.								
			DX - United States														
			Marine Corps														
			DY - Department of Air Force														
			DZ - Department of Army														
			HS Department of Health and Human Services														
			Use 'HS' to denote Department of Homeland Security/US Coast Guard (DHS/USCO	3).													
143			190 FA2 SEGMENT - TCN Appropriation Elements SEGMENT CONDITION: This segment is MANDATORY if and only if the FA1 SEGI	C MENT -			2	240	М	> 1	> 1	2	FA1				
			TCN Appropriation Number Loop segment is used. Otherwise, this segment may not be used.	used.													
143	3-01	190	Breakdown Structure Detail Code See Section 6 for list of data values.	М	ID	2/2	2	240	М	>1	>1	2	FA1	FA201	1196	M ID	2/2
143	-02	190	Financial Information Code When FA201 contains code value '84', FA202 should be formatted as a dollar amou including a decimal character and two positions after the decimal, representing cent even if the value is a whole dollar amount.		AN	1/80	2	240	M	>1	>1	2	FA1	FA202	1195	MAN	1/80
144		19	00 L10 SEGMENT - TCN Weight SEGMENT CONDITION: Use when appropriation weight applies.	С			2	250	0	1	> 1	2	FA1				_

Ī	144-01 190 Weight	М	R	1/10	2	250 O	1	>1	2	FA1 L1001	81	MR	1/10
	Entry may contain a decimal; if not, decimal is assumed at right-most point of the field. [T_0 72/76]												
	144-02 190 Weight Qualifier N - Actual Net Weight	M	ID	1/1	2	250 O	1	>1	2	FA1 L1002	187	M ID	1/2

		DoD INFORMATION					X12	SEGN	MENT I	NFORM	MATION		X12	ELEME	NT IN	FORM	ATION
ndex	DG	Data Name Notes and Codes			commended	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	butes
144-03	190	Weight Unit Code E - Metric Ton	M	ID	1/1	2	250	0	1	>1	2	FA1	L1003	188	0	ID	1/1
		G - Grams															
		K - Kilograms															
		L - Pounds															
		M - Measurement Ton															
		O - Ounces															
		S - Short Ton															
		T - Long Ton															
45	190	NM1 SEGMENT - Personal Property Owner	С			2	260	0	1	4	2	NM1					
		LOOP CONDITION: Used only for OCEAN CARGO SHIPPING INST	TRUCTIO	ONS.							oresent, t 110 is red		other is requ	ired.			
45-01	190	Personal Property Owner Qualifier OW - Owner of Property or Unit	М	ID	2/2	2	260	0	1	4	2	NM1	NM101	98	M	ID	2/3
45-02	190	Personal Property Owner Qualifier 1 - Person	М	ID	1/1	2	260	0	1	4	2	NM1	NM102	1065	М	ID	1/1
45-03	190	Personal Property Owner's Last Name [T_8 54/66]	M	AN	1/15	2	260	0	1	4	2	NM1	NM103	1035	0	AN	1/35
45-04	190	Personal Property Owner's First Name/Initial [T_8 67/67]	М	AN	1/15	2	260	0	1	4	2	NM1	NM104	1036	0	AN	1/25
46	73	N1 SEGMENT - Mark For Addressee Information	C (MA)		2	290	0	1	4	2	N1					

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

FREIGHT BILL OF LADING SHIPMENT INFORMATION 858.R.004010

		LOOP CONDITION: Use this address loop when en-route consolidated organization or system that handles the bill of lading data needs to the shipment. This is needed particularly for OCONUS shipments we freight to a port to change modes to air freight or ocean container.	now the	ultimate o	destination of					or N103 04 is pres			er is require	d.			
146-01	73	Name Qualifier (MA) This qualifier identifies name and address information of the 'Mark F consignee. MA - Party for whom Item is Ultimately Intended	M or' ultima	ID te	2/2	2	290	0	1	4	2	N1	N101	98	M	ID	2/3

		DoD INFORMATION					2	X12 SE	GMENT II	NFORMA	TION		х	12 ELEM	IENT II	NFORM.	ATION
Index	DG	Data Name Notes and Codes	Do		nmended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Att	ributes
146-02 7	3	Name (MA) [TC1 9/14]	С	AN	1/35	2	290	0	1	4	2	N1	N102	93	С	AN	1/60
146-03 7	3	DoDAAC/CAGE/MAPAC Qualifier (MA) Do not use CAGE code for ocean shipments. 10 - Department of Defense Activity Address Code (DODA)	M AAC)	ID	2/2	2	290	0	1	4	2	N1	N103	66	С	ID	1/2
		33 - Commercial and Government Entity (CAGE)															
		A2 - Military Assistance Program Address Code (MAPAC)															
146-04 7	3	DoDAAC/CAGE/MAPAC (MA) If DoDAAC/CAGE/MAPAC is unavailable, then N104 = 'X clear text name and address of the destination is required. [T_2 47/		AN ' and the	5/6 e complete	2	identific	ation. To	obtain this	•	the "ID Co	de" (N104	N104 thod of provic 4) must provi			AN	2/80
147	73	N2 SEGMENT - Mark For Addressee C Information SEGMENT CONDITION: Use when mark for addressee a	•	A)		2	300	0	2	4	2	N1					
147-01 7	3	Additional Name (MA)	М	AN	1/35	2	300	0	2	4	2	N1	N201	93	M	AN	1/60
148	73	N3 SEGMENT - Mark For Addressee Information (MA)	С			2	310	0	2	4	2	N1					
148-01 7	3	Street (MA)	М	AN	1/35	2	310	0	2	4	2	N1	N301	166	М	AN	1/55
148-02 7	3	Additional Addressing Information	С	AN	1/35	2	310	0	2	4	2	N1	N302	166	0	AN	1/55
149	73	N4 SEGMENT - Mark For Addressee Information (MA)	С			2	320	0	1	4	2	N1					

IKANSE	ORIATION EDI CONVENTION															050.K.UU4U I
	SEGMENT CONDITION: Use when mark for addre	essee applies.				If N406	is pres	ent, then	N405 is rec	quired.						
149-01 73	City (MA)	С	AN	2/19	2	320	0	1	4	2	N1	N401	19	0	AN	2/30
						A comb		of either	N401 throu	gh N404, (or N405 ar	nd N406 may	be adequate	e to spec	cify a	
149-02 73	State or Province Code (MA)	С	ID	2/2	2	320	0	1	4	2	N1	N402	156	0	ID	2/2
	SOURCE: National Zip Code and Post Office D Service National Information Data Center	Directory availa	able fro	om U.S. Posta	d	N402 i	s require	ed only if	city name (l	N401) is ir	the U.S. o	or Canada.				
149-03 73	ZIP Code/Postal Code (MA)	С	ID	3/15	2	320	0	1	4	2	N1	N403	116	0	ID	3/15
	SOURCE: National ZIP Code and Post Office Dire from U.S	ectory, Publicati	ion 65	available												
	Postal Service; The USPS Domestic Mail Manua Superintendent	al available fro	m Nev	v Orders												
	of Documents				1											

		DoD INFORMATION					X12	SEGM	ENT IN	FORM.	TION		X12 EL	EMENT	INFO	RMAT	ION
Index	DG	Data Name Notes and Codes	C		mmended outes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attrib	utes
149-04	73	Country Code (MA) ELEMENT CONDITION: If mark for addressee is OCONUS, country code SOURCE: Code for Representation of Names of Countries, Geopolitical Entitic Codes (GENC), is represented in the National System for Geospatial Intellige (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_Codes for Representation of Currencies and Funds, ISO 4217, is available fron National Standards Institute.	ies, Nar nce CTRY_[mes, and	2/3	2	320	0	1	4	2	N1	N404	26	0	ID	2/3
150		200 HL SEGMENT - Gross Weight Description Loop LOOP CONDITION: Use when gross weight description applies.	С			2	structu	ure, such em data.	ı as relati	ng line-i	tem dat	a to ship	etail informa pment data, ordered stru	and pac	-		
150-	01 200	O Detail - Gross Weight Description Use the value '1' for the first HL loop and increment by 1 for each successive regardless of usage of the HL loop. This segment begins the loop used to desweights that apply to the entire shipment.	•	NO	1/12	2	the tra occurr initial I within	insaction ences of HL segm	set. For f the HL se	example	e, HL01 , in whic	could b	HL01 The second of the value o	ndicate th	ence of le num ould b	ber of e "1" fo	r the
150-0	03 200	Hierarchical Level Code This code identifies the Gross Weight Description Loop. PH - Product Characteristic	M	ID	2/2	2	up to t used t	he next o indicat	occurren e that su	ce of an bsequer	HL seg nt segm	ment in ents in t	HL03 ments follow the transace the HL loop information	tion. For form a lo	current examp	ole, HL0)3 is
151	:	200 L0 SEGMENT - Shipment Gross Weight	С			2	145	0	1	20	2	L0					

TRANSPORTATION EDI CONVENTION														000	.K.00401
LOOP CONDITION: This segment is required if and only if HL SE used.	EGMENT - Gross W	/eight D	escription Loop is		If eithe If eithe If eithe If L01	er L004 er L006 er L008 1 is pre	or L005 or L007 or L009 sent, the	is prese is prese is prese is prese en L004 i	nt, then nt, then nt, then s requir	the other the other the other ed.	er is requir er is requir er is requir er is requir er is requir	ed. ed. ed.			
151-04 200 Shipment Gross Weight The total weight for the shipment. This weight includes the shipment tare weight. Entry may contain a decimal; if not, decimal is assume of the field. [T_2 72/76]	= :		1/10	2	145	0	1	20	2	LO	L004	81	С	R	1/10
151-05 200 Shipment Gross Weight Qualifier G - Gross Weight	М	ID	1/1	2	145	0	1	20	2	L0	L005	187	С	ID	1/2

		DoD INFORMATION	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION					
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Att	ributes
151-11 200 Shipment Gross Weight Unit Qualifier M ID 1/1 E - Metric Ton			2	145	0	1	20	2	L0	L011	188	0	ID	1/1	
		G - Grams													
		K - Kilograms													
		L - Pounds													
		M - Measurement Ton													
		O - Ounces													
		S - Short Ton													
		T - Long Ton													
152 Loop		200 HL SEGMENT - Detail - Tare Weight C LOOP CONDITION: Use when tare weight description i	Description	2	010	М	1	> 1	1	HL					
				The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.											
152-	01 200	0 Detail - Tare Weight Description Loop	M N0 1/12	2	010	М	1	>1	1	HL	HL01	628	М	AN	1/12
	Use the value '1' for the first HL loop and increment by 1 for each successive HL loop regardless of usage of the HL loop. This segment begins the loop used to describe tare weights that apply to the entire shipment.			HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.											
152-03 200 Hierarchical Level Code M ID 2/2				2	010	М	1	>1	1	HL	HL03	735	М	ID	1/2

TRANSP	ORTATION EDI CONVENTION															858.R.00401
	This code identifies the Tare Weight Description L PH - Product Characteristic	oop.				up to th used to	e next o indicate	ccurrence that subs	of an HL se	gment in the	ne transacti e HL loop f	ing the curren on. For exam orm a logical (ple, HL03 is	t		
153	200 L0 SEGMENT - Shipment Tare Weight LOOP CONDITION: Required if and only if HL SE Weight Description Loop is used.	C	NT - D	etail - Tare	2	If either If either If either L009 is If L011	L004 or L006 or L008 or present is preser	L005 is p L007 is p then the nt, then L0	20 resent, then resent, then resent, then other is require resent, then	the other in the o	s required. s required.					
153-04 20	The actual tare Weight The actual tare weight of the shipment. Tare weight is container. Entry may contain a decimal; if not, decimal most point of the field. [T_2 72/76]		eight of		2	145	0	1	20	2	LO	L004	81	С	R	1/10
153-05 2	00 Shipment Tare Weight Qualifier T - Tare Weight	М	ID	1/1	2	145	0	1	20	2	LO	L005	187	С	ID	1/2

		Dod Information					X12 SE	GMENT IN	IFORMAT	ION)	(12 ELEME	NT IN	FORMAT	ION
Index	DG	Data Name Notes and Codes		mmended ributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	butes
153-11	2	00 Shipment Tare Weight Unit Qualifier E - Metric Ton	M ID	1/1	2	145	0	1	20	2	LO	L011	188	0	ID	1/1
		G - Grams														
		K - Kilograms														
		L - Pounds														
		M - Measurement Ton														
		O - Ounces														
		S - Short Ton														
		T - Long Ton														
154	2	00 HL SEGMENT - Net Weight Description Loop The HL Net Weight Description Loop must occ net weight. The HL Net Weight Description L the shipment net weight.			2	structure,	such as re		tem data to	shipment d	lata, and pa	ng a hierarchica ackaging data to				
154-01	20	00 Detail - Net Weight Description Loop Use the value '1' for the first HL loop and inconsuccessive HL loop regardless of usage of the HL loop. This segused to describe net weights that apply to the entire shipment.	·		2	the transa	action set. ses of the l segment a	For example HL segment,	e, HL01 cou , in which ca	ld be used ase the valu	to indicate ue of HL01	HL01 rrence of the HL the number of would be "1" for sequent HL seg	r the	M	AN	1/12
154-03	20	0 Hierarchical Level Code	M ID	2/2	2	010	М	1	>1	1	HL	HL03	735	М	ID	1/2

111/01	13FORTATION EDI CONVENTION															000.K.UU4U10
	This code identifies the Net Weight Descripti	on Loc	ор.													
	PH - Product Characteristic					up to th used to	e next oc indicate	currence o	an HL segn	nent in the t	ransaction. L loop form	the current HL For example, a logical grou	HL03 is			
155	200 L0 SEGMENT - Shipment Net M W	eight)	t		2	If either If either If either If L011	L004 or L006 or L008 or is presen	L005 is pre L007 is pre L009 is pre t, then L00	20 sent, then th sent, then th sent, then th sent, then th 4 is required. sent, then th	e other is re e other is re e other is re	equired. equired. equired.					
155-04	200 Shipment Net Weight The net weight of the shipment. Net weight + pallet weight + dunnage weight. Entry may contain a decimal; if not, decimal is assumed right-most point of the field. [T_2 72/76]			1/8 weight + skid	2	145	0	1	20	2	LO	L004	81	С	R	1/10
155-05	200 Shipment Net Weight Qualifier N - Actual Net Weight	М	ID	1/1	2	145	0	1	20	2	L0	L005	187	С	ID	1/2

		DoD INFORMATION					X12 SEC	MENT IN	FORMAT	ION)	(12 ELEME	ENT IN	FORMA	ΓΙΟΝ
Index	DG	Data Name Notes and Codes	Dol Recomme Attribu	ended	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Attri	butes
155-	-11 200	0 Shipment Net Weight Unit Qualifier E - Metric Ton	M ID	1/1	2	145	0	1	20	2	L0	L011	188	0	ID	1/1
		G - Grams														
		K - Kilograms														
		L - Pounds														
		M - Measurement Ton														
		O - Ounces														
		S - Short Ton														
		T - Long Ton														
156	2	200 HL SEGMENT - Net Explosive Weight Description Loop (English)	С		2	010	M	1	> 1	1	HL					
		LOOP CONDITION: Required if the Defense Transp System (DTTS) is required and the shipment is an explosi-		acking		structure,	such as r	elating line	-	o shipmen	it data, an	using a hieral d packaging d				
156-01 2 (English)		tail - Net Explosive Weight Description M N0	1/12	Loop	2	010	М	1	>1	1	HL	HL01	628	M	AN	1/12
		Use the value '1' for the first HL loop and increment by 1 for HL loop regardless of usage of the HL loop. This segment begins to describe English weights that apply to the entire shipment.				the transa	action set.	For examp	ole, HL01 co nt, in which	ould be use case the v	ed to indic alue of HL	ccurrence of the ate the number at the number at the number at the subsequent HI	er of 1" for the			

IKAN	SPORTATION EDI CONVENTION				the tra	ansaction.									858.R.0040
156-03	200 Hierarchical Level Code	M I	D 1/2	2	2 010	М	1	>1	1	HL	HL03	735	М	ID	1/2
	This code identifies the Net Explosive Weight Description PH - Product Characteristic	on (Englisl	h) Loop.		up to	the next o	ccurrence that subse	of an HL seg	gment in the	ne transacti e HL loop fo	ng the curren on. For exam orm a logical ç	ple, HL03 is	t		
57	200 L0 SEGMENT - Shipment Net Explosive Weight (Dry)	С			2 145	0	1	20	2	L0					
	LOOP CONDITION: Required if and only if HL SEGME Explosive Weight Description Loop (English) Loop is used. Then, it is required to satis explosive is dry or wet.		ntax who	ether	If eithe If eithe If eithe L009 If L01	er L004 or er L006 or er L008 or is present, 1 is preser	L005 is proceed to the cont, then L0	resent, then resent, then resent, then resent, then returned to the resent, then resent, then resent, then resent, then resent, then	the other i the other i ired. d.	is required. is required.					
157-0	4 200 Shipment Net Explosive Weight (Dry) Entry may contain a decimal; if not, decimal is assumed the field. If explosive is wet, enter value zero (0) to satisfy >> ELEMENT CONDITION: Enter net explosive weight 72/76]	<12 syntax	nost poir	nt of	2 145	0	1	20	2	LO	L004	81	С	R	1/10

								X12 SE	GMENT IN	IFORMAT	ΓΙΟΝ			X12 ELEME	NT INF	ORMA	ΓΙΟΝ
Index	DG	Data Name Notes and Codes		DoE comme Attribu	nded	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		At	tributes
157-05	2	00 Shipment Net Explosive Weight Qualifier This element is required to satisfy X12 syntax wheth wet. CE - Certified Weight of Cargo		ID plosive	2/2 is dry or	2	145	0	1	20	2	LO	L005	187	С	ID	1/2
157-11	2	OO Shipment Net Explosive Weight Qualifier (Dry) ELEMENT CONDITION: Use this element only if explored in the selection of th		ID e is dry	1/1	2	145	0	1	20	2	LO	L011	188	0	ID	1/1
158	200 l	MEA SEGMENT - Shipment Net C Explosive t t) SEGMENT CONDITION: Use this segment or	_		e is wet.	2	If MEA0 If MEA0	5 is preser 6 is preser 7 is preser	A03, MEA0 nt, then ME. nt, then ME. nt, then at le 8 or MEA03	A04 is requ A04 is reque ast one of	uired. uired. [:] MEA03, N	·	ed. MEA06 is req	uired.			

HVANOF	ORTATION EDI CONVENTION															656.K.004010
158-01	200 Shipment Net Explosive Weight Qualifier (Wet)NX - Net Explosive Weight	М	ID	2/2	2	160	0	10	20	2	L0	MEA01	737	0	ID	2/2
158-03	200 Shipment Net Explosive Weight (Wet)	М	R	1/8	2	160	0	10	20	2	L0	MEA03	739	С	R	1/20
	Entry may contain a decimal; if not, decimal point of the field. [T_9 D-21 13/16]	s assur	med at	right-mos	t											
158-04	Composite Unit of Measure (Wet)	М	CE		2	160	0	10	20	2	L0	MEA04	C001	С	CE	
	C00101 calls for an identifier from the DE 355 co separator is not	de list.	The ele	ment												
	used in this template. Its elements are concatenausing a delimiter.	ated toge	ether w	ithout												
158-04-01	Shipment Net Explosive Weight Qualifier 2/2 (Wet)	М	ı	ID	2	160	С	10	20	2	LO	C00101	355	М	ID	2/2
	By placing code value 'GA' (DE 355 unit qualifier) in the														
	C00101, you are satisfying X12															
	syntax requirements for the composite data elem	ent.														
	GA - Gallon															

		DoD INFORMATION				X12 SEG	MENT IN	FORMAT	ION		х	12 ELEME	NT IN	FORMA	ΓΙΟΝ
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Attri	butes
159		200 HL SEGMENT - Net Explosive Weight Description Loop (Metric) LOOP CONDITION: Required if the Defense Transposystem (DTTS) is required and the shipment is an explosive		2	structure line-item	such as i	elating line	•	o shipmer	t data, an	i using a hieral d packaging d re.				
159-01 2 (Metric)	200 De	etail - Net Explosive Weight Description M N0 Use the value '1' for the first HL loop and increment by 1 fo loop regardless of usage of the HL loop. This segment begins the describe Net Explosive Weights (Metric) that apply to the entire shipment	ne loop used to	2	the trans	action set. ces of the segment	For examp	ole, HL01 cont, in which	ould be us case the v	ed to indic	HL01 ccurrence of the cate the number L01 would be "subsequent HI	er of 1" for the		AN	1/12
159-0	03 200	Hierarchical Level Code This code identifies the Net Explosive Weight Description (PH - Product Characteristic	M ID 2/2 Metric) Loop.	2	up to the	next occu	rrence of a	n HL segm	ent in the t ts in the H	ransaction L loop for	HL03 g the current H n. For example m a logical gro	, HL03 is	M	ID	1/2
160		200 L0 SEGMENT - Shipment Net Explosive Weight (Dry)	С	2	If either L If either L If either L If L011 is	.004 or L0 .006 or L0 .008 or L0 present, t	05 is prese 07 is prese 09 is prese hen L004 is	20 nt, then the nt, then the nt, then the nt, then the s required. nt, then the	other is re other is re	equired. equired. equired.					

RANSPORTATION EDI CONVENTION															030.K.0040
160-04 200 Shipment Net Explosive Weight (Dry) Use value zero (0) to satisfy X12 syntax. [T_2 72/76]	M	R	1/8	2	145	0	1	20	2	LO	L004	81	С	R	1/10
160-05 200 Shipment Net Explosive Weight Qualifier This element is required to satisfy X12 syntax whether CE - Certified Weight of Cargo		ID e is dr	2/2 y or wet.	2	145	0	1	20	2	LO	L005	187	С	ID	1/2

		DoD INFORMATION						X12 SE	GMENT IN	FORMAT	ION			X12 ELEME	NT INF	ORMA	TION
Index	DG	Data Name Notes and Codes	Re	DoD ecommen Attribu	nded	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		At	tributes
160-11	2	DO Shipment Net Explosive Weight Qualifier (Dry) ELEMENT CONDITION: Use this element only if explored the selement only if ex	C	ID ve is dry.	1/1	2	145	0	1	20	2	LO	L011	188	0	ID	1/1
161	200 i (Wet	MEA SEGMENT - Shipment Net C Explosive SEGMENT CONDITION: Use this segment or			e is wet.	2	If MEA0	5 is preser 6 is preser 7 is preser	10 A03, MEA0 nt, then ME. nt, then ME. nt, then at k 8 or MEA03	A04 is requ A04 is requesast one of	ired. ired. MEA03, N		ed. MEA06 is requ	uired.			
161-01	2	00 Shipment Net Explosive Weight Qualifier (Wet) NX - Net Explosive Weight	М	ID	2/2	2	160	0	10	20	2	L0	MEA01	737	0	ID	2/2

IKANSP	ORTATION EDI CONVENTION												858.R.004010
161-03	200 Shipment Net Explosive Weight (Wet) M R 1/8 Entry may contain a decimal; if not, decimal is assumed at right-mospoint of the field. [T_9 D-21 13/16]	2 st	160	0	10	20	2	L0	MEA03	739	С	R	1/20
161-04	Composite Unit of Measure M CE C00101 calls for an identifier from the DE 355 code list. The element separator is not used in this template. Its elements are concatenated together without using a delimiter.	2	160	0	10	20	2	L0	MEA04	C001	С	CE	
161-04-01	Shipment Net Explosive Weight Qualifier M ID 2/2 (Wet) By placing code value 'LT' (DE 355 unit qualifier) in the C00101, you are satisfying X12 syntax requirements for the composite data element. LT - Liter	2	160	С	10	20	2	LO	C00101	355	М	ID	2/2
162	200 HL SEGMENT - Dunnage Weight C Description Loop LOOP CONDITION: Required if dunnage weight description Loop is required.	2	structur	e, such a n data.	as relating	•	ta to shipr	ment data,	ion using a hiera and packaging c cture.				

		DoD INFORMATION					X12 SE	GMENT IN	IFORMAT	ION			X12 ELEM	IENT IN	IFORMA	TION
Index		nta Name otes and Codes		mmended	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Att	ributes
162-01	Lo Us su reg to	ail - Dunnage Weight Description Moop the the value '1' for the first HL loop and increccessive HL loop gardless of usage of the HL loop. This segment of the HL loop was a segment of the HL loop. This segment of the HL loop was a segment of the entire ships of the entire ships was a segment of the entire ships was a segment of the entire ships of the entire ships was a segment of the entire ships was a segment of the entire ships of the ent	ent begins tl		2	the transa	action set. ces of the segment a	For example HL segment	e, HL01 cou , in which c	uld be used ase the valu	to indicate ue of HL01	HL01 HL01	f for the		AN	1/12
162-03		erarchical Level Code This code identifies the Dunnage Weight D I - Product Characteristic	M ID	2/2 oop.	2	up to the used to in	next occu	rrence of an	HL segmer	nt in the tran	nsaction. F	HL03 ne current HL s for example, H a logical groupi	L03 is	М	ID	1/2
163	LO	SEGMENT - Shipment C Dunnage Wo		IENT	2	If either L If either L If either L If L011 is	004 or L0 006 or L0 008 or L0 present, t	1 03 is presen 05 is presen 07 is presen 09 is presen hen L004 is 15 is presen	t, then the continued to the then the continued to the then the correquired.	other is requesther is request other is requesther is request	uired. uired. uired.					
163-04	En poi fiel	hipment Dunnage Weight ntry may contain a decimal; if not, decimal int of the ld. _2 72/76]	M R is assumed	1/8 I at right-mos	2 t	145	0	1	20	2	LO	L004	81	С	R	1/10
163-05		Shipment Dunnage Weight Qualifier) - Chargeable Dunnage	M ID	2/2	2	145	0	1	20	2	L0	L005	187	С	ID	1/2

200 Shipment Dunnage Weight Unit Qualific											•			
E - Metric Ton	er M ID	1/1	2	145	0	1	20	2	LO	L011	188	0	ID	1/1
G - Grams														
K - Kilograms														
L - Pounds														
M - Measurement Ton														
O - Ounces														
S - Short Ton														
T - Long Ton														
00 HL SEGMENT - Pallet Weight C	Description	Loop	2	010	М	1	> 1	1	HL					
LOOP CONDITION: Required if pallet we	ght applies.													
				The HL	segment	is used to id	dentify levels	s of detail i	nformation i	using a hierard	chical			
						J			,	. 50				
						defines a to	p-down/left-	right order	ed structure).				
2	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton O HL SEGMENT - Pallet Weight C Description Loop	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton O HL SEGMENT - Pallet Weight C Description Loop	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton O HL SEGMENT - Pallet Weight C Description Loop LOOP CONDITION: Required if pallet weight applies. The HL structur line-iter	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton O HL SEGMENT - Pallet Weight C Description Loop LOOP CONDITION: Required if pallet weight applies. The HL segment structure, such as line-item data.	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton O HL SEGMENT - Pallet Weight C Description Loop LOOP CONDITION: Required if pallet weight applies. The HL segment is used to it structure, such as relating lin line-item data.	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton OHL SEGMENT - Pallet Weight C Description Loop LOOP CONDITION: Required if pallet weight applies. The HL segment is used to identify levels structure, such as relating line-item data line-item data.	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton OHL SEGMENT - Pallet Weight © Description Loop LOOP CONDITION: Required if pallet weight applies. The HL segment is used to identify levels of detail in structure, such as relating line-item data to shipmer line-item data.	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton OHL SEGMENT - Pallet Weight C Description Loop LOOP CONDITION: Required if pallet weight applies. The HL segment is used to identify levels of detail information to structure, such as relating line-item data to shipment data, and line-item data.	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton OHL SEGMENT - Pallet Weight C Description Loop LOOP CONDITION: Required if pallet weight applies. The HL segment is used to identify levels of detail information using a hierar structure, such as relating line-item data to shipment data, and packaging data	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton DIA HL SEGMENT - Pallet Weight C Description Loop LOOP CONDITION: Required if pallet weight applies. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton DO HL SEGMENT - Pallet Weight C Description Loop LOOP CONDITION: Required if pallet weight applies. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton OHL SEGMENT - Pallet Weight C Description Loop LOOP CONDITION: Required if pallet weight applies. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.

		Dod Information						X12 SE	GMENT IN	IFORMAT	ION			X12 ELEM	IENT IN	IFORMA	TION
Index	DG	Data Name Notes and Codes		Recomr Attribu	mended utes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
164-01	2	On Detail - Pallet Weight Description Loop Use the value '1' for the first HL loop and incomposed successive HL loop regardless of usage of the HL loop. This segued to describe pallet weights that apply to the entire shipment.	rement	•		2	the transa	es of the segment a	For example HL segment,	e, HL01 cou , in which c	ıld be used ase the valu	to indicate ue of HL01	HL01 urrence of the heather the number of would be "1" to be sequent HL se	f for the		AN	1/12
164-03	20	Hierarchical Level Code This code identifies the Pallet Weight Descripti PH - Product Characteristic	M II		2/2	2	up to the	next occur dicate tha	rrence of an	HL segmer	nt in the tran	saction. Foop form a	HL03 ne current HL s For example, H a logical groupi	L03 is	М	ID	1/2
165	200 l	LOOP CONDITION: Required if and only if Weight Description Loop is used.	•	GMEN⊺	T - Pallet	2	If either Lifeither Lifeither Lifeither Life Life Life Life Life Life Life Life	004 or L00 006 or L00 008 or L00 present, tl	1 03 is present 05 is present 07 is present 09 is present hen L004 is i 15 is present	t, then the continued that the continued the continued that the contin	other is requ other is requ other is requ	iired. iired. iired.					
165-04	20	0 Shipment Pallet Weight Entry may contain a decimal; if not, decimal point of the field. [T_2 72/76]	M F		1/8 at right-mos	2 t	145	0	1	20	2	LO	L004	81	С	R	1/10
165-05	20	00 Shipment Pallet Weight Qualifier PA - Pallet Weight	M II	D	2/2	2	145	0	1	20	2	L0	L005	187	С	ID	1/2

165-11															DICONVENTION	NSPORTATION EDI C	IKAN
K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton	188	L011	LO		2	20	1	0	145	2	1/1	ID	M	fier	=	•	65-11
L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton																G - Grams	
M - Measurement Ton O - Ounces S - Short Ton T - Long Ton																K - Kilograms	
O - Ounces S - Short Ton T - Long Ton																L - Pounds	
S - Short Ton T - Long Ton															ment Ton	M - Measuremen	
T - Long Ton																O - Ounces	
																S - Short Ton	
166 200 HL SEGMENT - Skid Weight C Description Loop 2 010 M 1 >1 1 HL																T - Long Ton	
			HL		1	> 1	1	М	010	2	оор	tion L	Descrip	C [IT - Skid Weight	200 HL SEGMENT -	66
LOOP CONDITION: Required if skid weight is required.												red.	t is requi	d weight	ITION: Required if skid	LOOP CONDITIO	
The HL segment is used to identify levels of detail information using a hierarchical	al	sing a hierarch	mation us	ail infor	ls of deta	entify levels	used to ic	segment i	The HL								
structure, such as relating line-item data to shipment data, and packaging data to)	packaging data	ata, and pa	ment d	a to shipm	e-item data	elating lin										
line-item data.																	
The HL segment defines a top-down/left-right ordered structure.		·	tructure.	dered	t-right ord	p-down/left-	efines a to	segment o	The HL								

		DoD INFORMATION						X12 SE	GMENT IN	IFORMAT	ION			X12 ELEM	IENT IN	IFORMA	TION
Index	DG	Data Name Notes and Codes	DoD F	Recom Attrib	mended outes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
166-01	20	00 Detail - Skid Weight Description Loop Use the value '1' for the first HL loop and inc successive HL loop regardless of usage of the HL loop. This seg used to describe skid weights that apply to the entire shipment.	rement	•		2	the transa	es of the segment a	For example HL segment,	e, HL01 cou , in which c	ıld be used ase the valu	to indicate ie of HL01	HL01 urrence of the heather the number of would be "1" to be sequent HL se	f for the		AN	1/12
166-03	20	Hierarchical Level Code This code identifies the Skid Weight Descriptio PH - Product Characteristic		ID	2/2	2	up to the used to in	next occur dicate tha	rrence of an	HL segmer	nt in the tran	saction. Foop form a	HL03 ne current HL s For example, H a logical groupi	L03 is	М	ID	1/2
167	200 l	LO SEGMENT - Shipment Skid C We LOOP CONDITION: Required if and only if Weight Description Loop is used.	•	GMEN	T - Skid	2	If either LO If either LO If either LO If LO11 is	004 or L00 006 or L00 008 or L00 present, tl	1 03 is present 05 is present 07 is present 09 is present hen L004 is i 15 is present	t, then the continued that the continued the continued that the contin	other is requ other is requ other is requ	ired. ired. ired.					
167-04	20	O Shipment Skid Weight Entry may contain a decimal; if not, decimal point of the field. [T_2 72/76]		R umed a	1/8 at right-mos	2 t	145	0	1	20	2	LO	L004	81	С	R	1/10
167-05	20	00 Shipment Skid Weight Qualifier SK - Skid Weight	M	ID	2/2	2	145	0	1	20	2	L0	L005	187	С	ID	1/2

167-11 200 Shipment Skid Weight Unit Qualifier M ID 1/1 2 145 O 1 20 2 L0 L011 188 O ID 1/1 E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 168 200 HL SEGMENT - Freight Weight M Description Loop If HL Segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data to shipment data, and packaging data to line-item data. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.	III	SPORTATION EDI CONVENTION															000.K.004010
G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 200 HL SEGMENT - Freight Weight M Description Loop 2 010 M 1 > 1 1 HL The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data, and packaging data to line-item data.	167-11		М	ID	1/1	2	145	0	1	20	2	L0	L011	188	0	ID	1/1
K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 200 HL SEGMENT - Freight Weight M Description Loop 2 010 M 1 > 1 HL The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.		E - Metric Ton															
L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 168 200 HL SEGMENT - Freight Weight M Description Loop The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.		G - Grams															
M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 168 200 HL SEGMENT - Freight Weight M Description Loop The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data, and packaging data to line-item data.		K - Kilograms															
O - Ounces S - Short Ton T - Long Ton 168 200 HL SEGMENT - Freight Weight M Description Loop The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.		L - Pounds															
S - Short Ton T - Long Ton 168 200 HL SEGMENT - Freight Weight M Description Loop 2 010 M 1 > 1 1 HL The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.		M - Measurement Ton															
T - Long Ton 168 200 HL SEGMENT - Freight Weight M Description Loop 2 010 M 1 > 1 1 HL The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.		O - Ounces															
168 200 HL SEGMENT - Freight Weight M Description Loop 2 010 M 1 > 1 1 HL The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.		S - Short Ton															
The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.		T - Long Ton															
structure, such as relating line-item data to shipment data, and packaging data to line-item data.	168	200 HL SEGMENT - Freight Weight	M Descrip	tion L	.oop	2	010	М	1	> 1	1	HL					
line-item data.							The HL	segment	is used to id	lentify levels	of detail in	nformation ເ	sing a hierarc	hical			
							structur	e, such as	relating line	e-item data t	to shipmer	nt data, and	packaging dat	a to			
The HL segment defines a top-down/left-right ordered structure.							line-iten	n data.									
							The HL	segment	defines a to	p-down/left-ı	right order	ed structure	-				

		DoD INFORMATION					Х	12 SEG	MENT IN	FORMA	ION		X1:	2 ELEME	NT IN	FORMA	TION
Index	DG	Data Name Notes and Codes	DoD		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Attri	butes
168	3-01 20	On Detail - Freight Weight Description Loop Use the value '1' for the first HL loop and increment by 1 for each regardless of usage of the HL loop. This segment begins the loop freight weights that apply to the entire shipment.			•	2	the trans	saction se nces of th segmen	et. For exa e HL segr	mple, HL0 nent, in wh	1 could b	e used to the value	HL01 ach occurrence bindicate the control of HL01 wou each subseque	number of ıld be "1" fo	r the		1/12
169		O Hierarchical Level Code This code identifies the Freight Weight Description Loop. PH - Product Characteristic 200 L0 SEGMENT - Shipment Freight Weight	M	ID	2/2	2	segmen up to the used to data refe	t e next occindicate terring to s	currence of hat subsects shipment,	f an HL se	gment in nents in t em-level i	the trans he HL loo nformatio		kample, HL		ID	1/2
							If either If either If either If L011 is	L004 or l L006 or l L008 or l s present	.005 is pre .007 is pre .009 is pre , then L00	esent, then esent, then esent, then 4 is require esent, then	the other the other the other ed.	is requir is requir is requir	ed. ed. ed.				
169-	04 200	O Shipment Freight Weight Freight weight is the weight that line haul rate is based upon and pallet, and dunnage weights, carried in separate MEA segments. all commodities should be accumulated and carried in the data el a decimal; if not, decimal is assumed at right-most point of the fie [T_2 72/76]	The fr	reight w	eight for	2	145	0	1	20	2	LO	L004	81	С	R	1/10
169	-05 20	0 Shipment Freight Weight Qualifier FR - Freight Weight	С	ID	2/2	2	145	0	1	20	2	L0	L005	187	С	ID	1/2

ORTATION EDI CONVENTION															58.R.0040
00 Shipment Freight Weight Unit Qualifier	М	ID	1/1	2	145	0	1	20	2	L0	L011	188	0	ID	1/1
E - Metric Ton															
G - Grams															
K - Kilograms															
L - Pounds															
M - Measurement Ton															
O - Ounces															
S - Short Ton															
T - Long Ton															
300 HL SEGMENT - Accessorial/Protective C Ser	vices			2	010	М	1	> 1	1	HL					
LOOP CONDITION: Required if the shipment calls for access	ssorial or p	rotectiv	e service.												
One HL Accessorial/Protective Services Loop must occur fo	r each ser	vice ord	ered.		The HI	segmer	nt is used	to identify	levels of	detail info	rmation usin	g a hierarch	ical		
					structu	re, such	as relatin	g line-item	data to s	hipment o	data, and pac	kaging data	to		
					The HI	segmer	nt defines	a top-dow	n/left-righ	t ordered	structure.				
	200 Shipment Freight Weight Unit Qualifier E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 300 HL SEGMENT - Accessorial/Protective C Ser	200 Shipment Freight Weight Unit Qualifier M E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 300 HL SEGMENT - Accessorial/Protective C Services LOOP CONDITION: Required if the shipment calls for accessorial or p	COO Shipment Freight Weight Unit Qualifier M ID E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 300 HL SEGMENT - Accessorial/Protective C Services LOOP CONDITION: Required if the shipment calls for accessorial or protective	200 Shipment Freight Weight Unit Qualifier M ID 1/1 E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton	200 Shipment Freight Weight Unit Qualifier M ID 1/1 2 E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 300 HL SEGMENT - Accessorial/Protective C Services 2 LOOP CONDITION: Required if the shipment calls for accessorial or protective service.	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 300 HL SEGMENT - Accessorial/Protective C Services LOOP CONDITION: Required if the shipment calls for accessorial or protective service. One HL Accessorial/Protective Services Loop must occur for each service ordered. The HI structure line-ite	One Shipment Freight Weight Unit Qualifier M ID 1/1 2 145 O E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 300 HL SEGMENT - Accessorial/Protective C Services LOOP CONDITION: Required if the shipment calls for accessorial or protective service. One HL Accessorial/Protective Services Loop must occur for each service ordered. The HL segment structure, such line-item data.	2 145 O 1 E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 300 HL SEGMENT - Accessorial/Protective C Services LOOP CONDITION: Required if the shipment calls for accessorial or protective service. One HL Accessorial/Protective Services Loop must occur for each service ordered. The HL segment is used structure, such as relatin line-item data.	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 300 HL SEGMENT - Accessorial/Protective C Services LOOP CONDITION: Required if the shipment calls for accessorial or protective service. One HL Accessorial/Protective Services Loop must occur for each service ordered. The HL segment is used to identify structure, such as relating line-item line-item data.	E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 300 HL SEGMENT - Accessorial/Protective C Services LOOP CONDITION: Required if the shipment calls for accessorial or protective service. One HL Accessorial/Protective Services Loop must occur for each service ordered. The HL segment is used to identify levels of structure, such as relating line-item data to s line-item data.	DO Shipment Freight Weight Unit Qualifier E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 300 HL SEGMENT - Accessorial/Protective C Services LOOP CONDITION: Required if the shipment calls for accessorial or protective service. One HL Accessorial/Protective Services Loop must occur for each service ordered. The HL segment is used to identify levels of detail info structure, such as relating line-item data to shipment of line-item data.	DO Shipment Freight Weight Unit Qualifier E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 300 HL SEGMENT - Accessorial/Protective C Services LOOP CONDITION: Required if the shipment calls for accessorial or protective service. One HL Accessorial/Protective Services Loop must occur for each service ordered. The HL segment is used to identify levels of detail information using structure, such as relating line-item data to shipment data, and pace	DO Shipment Freight Weight Unit Qualifier E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 300 HL SEGMENT - Accessorial/Protective C Services LOOP CONDITION: Required if the shipment calls for accessorial or protective service. One HL Accessorial/Protective Services Loop must occur for each service ordered. The HL segment is used to identify levels of detail information using a hierarch structure, such as relating line-item data to shipment data, and packaging data line-item data.	OU Shipment Freight Weight Unit Qualifier M ID 1/1 E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 300 HL SEGMENT - Accessorial/Protective C Services LOOP CONDITION: Required if the shipment calls for accessorial or protective service. One HL Accessorial/Protective Services Loop must occur for each service ordered. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.	OU Shipment Freight Weight Unit Qualifier M ID 1/1 E - Metric Ton G - Grams K - Kilograms L - Pounds M - Measurement Ton O - Ounces S - Short Ton T - Long Ton 300 HL SEGMENT - Accessorial/Protective C Services 2 010 M 1 > 1 1 HL LOOP CONDITION: Required if the shipment calls for accessorial or protective service. One HL Accessorial/Protective Services Loop must occur for each service ordered. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.

		DoD INFORMATION)	(12 SEG	MENT IN	NFORMAT	TION		х	12 ELEME	NT IN	IFORM <i>A</i>	TION
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attr	ributes
170)-01 30	100 Detail - Accessorial/Protective Services Loop Use the value '1' for the first HL loop and increment by 1 for regardless of usage of the HL loop. This segment begins the Services Loop. See Section 5.0 (DTEB Freight Bill of Ladir Implementation Convention) for looping logic and example	ne Accessorial/Protective ng Shipment Information	2 p	the trans	saction sences of the	et. For exar e HL segm	mple, HL01 nent, in whic	could be	used to in e value o	HL01 th occurrence ndicate the nu f HL01 would ch subsequer	ımber of be "1" for th	e		1/12
170-0	03 300	Hierarchical Level Code This code identifies the Accessorial/Protective Services SS - Services	M ID 2/2 s Loop.	2	up to the	e next occ indicate tl	currence of	f an HL seg	ment in the	e transad HL loop	HL03 wing the curre stion. For exar form a logical	mple, HL03 i	s	ID	1/2
171	;	300 N7 SEGMENT - Primary Equipment Identifier SEGMENT CONDITION: Required if the shipment moves of equipment and the accessorial/protective service applies to a particular picture use this segment if the accessorial/protective service applies	ece of equipment. Do no	2	If either	N705 or 1	N716 is pre	> 1 esent, then esent, then esent, then	the other	is require	d.				
171-(01 300	Equipment Initial This data element satisfies in transit visibility requirements shipments. It describes initials of the furnished primary equipment commodity is conveyed. ELEMENT CONDITION: If the value in N702 is other than initials are not available, use the SCAC. SOURCE: IATA Unit Load Devices Manual available from I Association [T_2 9/12]	ipment in/on which the		020 N701 is	O	1 ry for rail tr	>1 ansactions		HL	N701	206	0	AN	1/4

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171-02	300 Equipment Number	М	AN	1/10	2	020	0	1	>1	1	HL	N702	207	М	AN	1/10
	This data element satisfies in transit visibility requirer	nents for r	nulti-equ	ipment												
	shipments. It describes numbers on the furnished pri	mary equi	oment in	on which												
	commodity is conveyed. [T_4 9/14]															
172	300 N9 SEGMENT - Service Performed	С			2	100	0	10	> 1	1	HL					
	SEGMENT CONDITION: Required for accessorial/pr	otective s	ervices.									r N903 is req n N905 is req				
172-01	300 Service Performed Identifier	М	ID	2/2	2	100	0	10	>1	1	HL	N901	128	M	ID	2/3
	1P - Accessorial Status Code															

		DoD INFORMATION					Χí	12 SEG	MENT IN	NFORMA	TION		X12	ELEME	INT IN	IFORM	ATION
Index	DG	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	ibutes
172-	04 300	Service Performed Date The date the service was performed.	С	DT	8/8	2	100	0	10	>1	1	HL	N904	373	0	DT	8/8
173	;	300 N9 SEGMENT - Stop Sequence Number SEGMENT CONDITION: Required if stop-offs occur.	С			2				> 1 I903 is req I905 is rec		HL					
173-	-01 300	Stop Sequence Number Qualifier QN - Stop Sequence Number	М	ID	2/2	2	100	0	10	>1	1	HL	N901	128	М	ID	2/3
173-0	02 300	Stop Sequence Number If stops apply to a shipment, a service code is identified with a st sequence number of the stop address in this data element. That in the S5 segment in the header area of the transaction set.		, ,		2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
174	3	00 L0 SEGMENT - Service Units LOOP CONDITION: Required if and only if HL SEGMENT - Accused.	C essoria	al/Protectiv	e Services Loop i	2	If eithe If eithe If eithe If L011	r L004 of r L006 of r L008 of is prese	r L005 is p r L007 is p r L009 is p nt, then L	20 present, th present, th present, th present, th 004 is requested	en the of en the of en the of uired.	ther is re ther is re ther is re	equired. equired. equired.				
174-	01 300	Service Loop Identifier Use value '300' to indicate service loop.	М	N0	3/3	2	145	0	1	20	2	L0	L001	213	0	N0	1/3
174-0	02 300	Service Units The number of units (i.e. hours, 100 weight, etc.) for a specific a performed by the carrier. If this number is fractional, carry the de integer, a decimal is not required. If service units do not apply, le blank.	cimal;	if an	1/11	2	145	0	1	20	2	LO	L002	220	С	R	1/11

TRANSPORTATION EDI CONVENTION														85	8.R.004010
174-03 300 Service Units Qualifier	С	ID	2/2	2	145	0	1	20	2	L0	L003	221	С	ID	2/2
ELEMENT CONDITION: Required if L002 is used.															
SOURCE: Reference Section 6.0 of this IC for code val	ues using appli	cable													
Accessorial															
Services for Rail Shipments, Accessorial Services for Ta	ailored														
Transportation Contract															
Traffic Shipments, Accessorial/Protective Service For A	ir														
Shipments,															
Accessorial/Protective Service For Motor Shipments, Bu	ılk Fuel														
Shipments, Miscellaneous															
Services, and Pipeline Shipments tables. Common cod	e values associ	ated with	multiple												
definitions prevents documentation of the entire sub-set	t.														
75 300 L1 SEGMENT - Service Rate	С			2	150	0	20	20	2	L0					
SEGMENT CONDITION: Required if and only if L0 SEC	GMENT - Servic	e Units i	s used.		If eithe	er L102	or L103 i	s present,	then the	other is	required.				
,								105, or L1			·				
					If eithe	er L114	or L115 is	s present,	then the	other is i	required.				
					If eithe	er L117	or L118 is	s present,	then the	other is i	required.				
											·				
175-02 300 Service Rate	С	R	1/7	2	150	0	20	20	2	L0	L102	60	С	R	1/9

		DoD INFORMATION					X12	SEGN	IENT IN	IFORMA	TION		X12 EL	EMENT	INF	ORMA	TION
Index	DG	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attri	butes
175-(03 300	D Service Rate Qualifier ELEMENT CONDITION: Required if L102 is used. SOURCE: Reference Section 6.0 of this IC for code values using applicate Accessorial Services for Rail Shipments, Accessorial Services for Tailored Transportal Contract Traffic Shipments, Accessorial/Protective Service For Air Shipments, Accessorial/Protective Service For Motor Shipments, Bulk Fuel Shipments Services, and Pipeline Shipments tables. Common code values associated definitions prevents documentation of the entire sub-set. Sample Values: FC, NM, P1, PM, XP	tion s, Mis		2/2	2	150	0	20	20	2	LO	L103	122	С	ID	2/2
175-0	04 300	Service Charge The charge for an accessorial or protective service. If the shipper does no charge, enter '00' in this data element. A two-position decimal is implied in			1/10	2	150	0	20	20	2	LO	L104	58	С	N2	1/12
175-0	08 300	O Service Identifier Code Code values apply both to services requested and received. See Section 6.0 for valid code list. SOURCE: Reference Section 6.0 of this IC, beginning on page 6.14, for capplicable Accessorial Services for Rail Shipments, Accessorial Services Transportation Contract Traffic Shipments, Accessorial/Protective Service Air Shipments, Accessorial/Protective Service For Motor Shipments, Bulk Fue Shipments, Miscellaneous Services, and Pipeline Shipments tables. Common code viewith multiple definitions prevents documentation of the entire sub-set. Sample Values: 045, 495, 500, AAM, AAS	for Tai For	lored	3/3	2	150	0	20	20	2	LO	L108	150	0	ID	3/3

IRA	ISPORTATION EDI CONVENTION														000.	R.004010
175-1	2 300 Service Description	С	AN	2/25	2	150	0	20	20	2	L0	L112	276	0	AN	2/25
	Some accessorial services such as empty movements and sto	ps (including stop	o-offs, inside	e												
	pickup and delivery, and objective service supply deliveries) re	quire a Standard	Point													
	Location Code (SPLC) to describe where the service was perf	ormed. This inforn	nation is													
	required to determine the charge for the service.															
	SOURCE: Reference Section 6.0 of this IC for code values us	ing applicable														
	Accessorial															
	Services for Rail Shipments, Accessorial Services for Tailored	Transportation														
	Contract															
	Traffic Shipments, Accessorial/Protective Service For Air															
	Shipments,															
	Accessorial/Protective Service For Motor Shipments, Bulk Fuel	Shipments, Misc	ellaneous													
	Services, and Pipeline Shipments tables. Common code value	s associated with	multiple													
	definitions prevents documentation of the entire sub-set.															
	Sample Values: LTL, TL															
176	300 HL SEGMENT - Level of Service Loop	С			2	010	М	1	> 1	1	HL					
	LOOP CONDITION: Use for air freight shipments.															
	• .					The I	HL segn	nent is u	sed to ide	entify lev	els of d	etail inforn	nation usi	ng a hi	erarchi	cal
						struc	ture, su	ch as re	ating line	-item da	ata to sh	ipment da	ita, and pa	ackagir	ng data	to
							tem dat		Ü			•		3	-	
						The I	HL sean	nent def	nes a tor	-down/l	eft-riaht	ordered s	tructure.			
							55gii									

			DoD INFORMATION					2	X12 SEG	MENT IN	NFORMAT	ION		Х	12 ELEME	NT IN	FORMA	TION
Index		DG	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	butes
176	6-01	300	Hierarchical ID Number	М	AN	1/12	2	010	М	1	>1	1	HL	HL01	628	М	AN	1/12
								the tran occurre initial H	nsaction se ences of th	et. For exa ne HL segr	mple, HL01 ment, in whi	could be	used to ne value	indicate the of HL01 wou	ce of the HL s number of old be "1" for uent HL segm	the		
176	6-03	300	Hierarchical Level Code	2/2	2	010	М	1	>1	1	HL	HL03	735	М	ID	1/2		
			SS - Services			segment up to the used to	nt ne next occ o indicate t	currence o	of an HL seg	ment in t	he transa e HL loop	o form a logic	rrent HL cample, HL03 cal grouping					
177		3	00 SL1 SEGMENT - Level of Service	С			2	095	0	1	> 1	1	HL					
			SEGMENT CONDITION: Required for air freight shipme	nts.				At leas	t one of SI	L103 or SL	₋104 is requ	ired.						
								Scale a	and commo	odity code	s are propri	etary cod	es maint	ained by the	carrier.			
177	'-01	300	Service Level Code	М	ID	2/2	2	095	0	1	>1	1	HL	SL101	284	М	ID	2/2
			AE – Air Economy Use 'AE' to denote Extended					SL101	is the serv	vice reque	sted by the	customer						
			D1 - Delivery Scheduled Next Day by Cartage Agent Use 'D1' to denote Overnight.															
			D2 - Delivery scheduled second day by cartage agent Use 'D2' to denote Second Day.															
			D3 - Delivery scheduled third day by cartage agent Use 'D3' to denote Deferred.															

TRANSPORTATION EDI CONVENTION															858.R.0040
SG Standard Ground															
Use 'SG' to denote Priority.															
177-03 300 Required Element	М	AN	1/1	2	095	0	1	>1	1	HL	SL103	22	С	AN	1/30
Enter value zero (0) to satisfy X12 syntax.															
				2	4.45			00		1.0					
78 300 L0 SEGMENT - Type of Service	С			2	145	0	1	20	2	L0					
LOOP CONDITION: Required for air freight shipments.					If eithe	r L002 o	r L003 is	present, the	n the oth	er is requi	red.				
								present, the							
					If eithe	r L006 o	r L007 is	present, the	n the oth	er is reaui	red.				
								present, the							
								004 is requi							
								present, the		ar ie radui	rad				
					ii citilo	1 2010 0	1 2010 15	prosent, the	ii die odi	or io roqui	iou.				
178-12 300 Type of Service Code	М	ID	2/2	2	145	0	1	20	2	L0	L012	56	0	ID	2/2
AA - [Migration Code] Airport to Airport															
DA - Door-to-Airport of Debarkation															
·															
DD - Door to Door															
RD - Ramp to Door															
Use 'RD' to denote Airport to Door.															

		DoD INFORMATION					X12 SE	GMENT IN	IFORMATI	ON			X12 ELEME	ENT IN	IFORMAT	ION
Index	DG	Data Name Notes and Codes		DoD commended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Att	ributes
179	30	00 L1 SEGMENT - Air Code SEGMENT CONDITION: Required for	C or air fre	ight shipments.	2	At least or	ne of L104 114 or L11	, L105, or L1 5 is present,	20 then the oth 06 is require then the othe then the othe	d. er is require	d.					
179-04	300	0 Air Charge Use value '000'.	1 M	12 3/3	2	150	0	20	20	2	L0	L104	58	С	N2	1/12
179-08	300	0 Air Code AIR - Air Freight	M I	3/3	2	150	0	20	20	2	L0	L108	150	0	ID	3/3
180																
180-01	30	O1 Detail - Fuel Surcharge Loop Use the value '1' for the first HL loop and is successive HL loop regardless of usage of the HL loop. This sused to describe a fuel surcharge.	ncreme	•	2	the transa	ction set. I es of the F segment ar	For example IL segment,	, HL01 could in which case	be used to e the value	indicate th	HL01 ence of the HL se e number of ould be "1" for th quent HL segme	e	M	AN	1/12
180-03	30	01 Hierarchical Level Code This code identifies the Fuel Surcharge Lo 2 - Billing Arrangement	M I	D 1/1	2					•	•	HL03 current HL segme example, HL03 i		M	ID	1/2

IIVAINS	SPORTATION EDI CONVENTION				1											030.17.004
									•		•	logical groupin	g of			
						data refe	erring to s	hipment, or	der, or item-l	evel inform	ation.					
1	301 L0 SEGMENT - Fuel	С			2	145	0	1	20	2	L0					
	Surcharge Loop Identifier															
	LOOP CONDITION: Required if and Surcharge Loop is used.	only if I	HL SEC	GMENT Fue	I	If either If either If either	L004 or L L006 or L L008 or L	005 is preso 007 is preso 009 is preso	ent, then the ent, then the ent, then the ent, then the is required.	other is rec	quired. quired.					
1-01	301 Fuel Surcharge Loop Identifier	M	N0	3/3	2		•		ent, then the	other is rec	quired.	L001	213	0	N0	1/3
	Use value '301' to indicate fuel surchar			0,0	_	110	Ü	·	20	_	20	2001	210	Ü	110	1,0
2	301 L1 SEGMENT - Fuel Surcharge	С			2	150	0	20	20	2	L0					
	SEGMENT CONDITION: Required if a SEGMENT - Fuel Surcharge Loop Idea is used.	•	if L0			At least	one of L1	04, L105, o	ent, then the L106 is req ent, then the	uired.						
									ent, then the							
182-02	301 Fuel Surcharge Rate	С	R	1/7	2	150	0	20	20	2	L0	L102	60	С	R	1/9

		DoD INFORMATION				>	(12 SEG	MENT IN	IFORMAT	ION		X1	2 ELEME	NT IN	FORMA	TION	
Index	DG	Data Name Notes and Codes	DoD		nmended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	ibutes
182	-03 30	11 Fuel Surcharge Rate Qualifier PM - Per Mile	С	ID	2/2	2	150	0	20	20	2	LO	L103	122	С	ID	2/2
		PW - Percentage of Charges															
		VT - Per Mile per Vehicle															
182-	04 30	l Fuel Surcharge The charge allowed for fuel surcharge.	М	N2	1/8	2	150	0	20	20	2	L0	L104	58	С	N2	1/12
182	!-08 3	01 Fuel Surcharge Service Identifier 405 - Fuel Surcharge	М	ID	3/3	2	150	0	20	20	2	L0	L108	150	0	ID	3/3
		Use '405' to denote Fuel Surcharge for Air and Fuel Adjustm	ent fo	r non-A	ir.												
183 Loop		400 HL SEGMENT - Commodity Classification	(C Sum	mary	2	010	М	1	> 1	1	HL					
		LOOP CONDITION: Required except for ocean and SPOT E	BID sh	ipments	5.		structure	e, such as data.	relating lin	•	a to shipm	ent data,	tion using a hio and packagin cture.				
18	3-01	00 Detail - Commodity Classification Summary Loop	М	N0	1/12	2	010	М	1	>1	1	HL	HL01	628	М	AN	1/12
	Use the value '1' for the first HL loop and increment by 1 for each successive F regardless of usage of the HL loop. This segment begins a loop used to descridifferent type of commodity being moved under the bill. Description of each incommodity type requires an HL Segment.						the trans	saction se nces of the segment	et. For exar e HL segm	nple, HL01 ent, in whic	could be th case th	used to ir e value o	h occurrence on dicate the nur f HL01 would l ch subsequen	mber of oe "1" for the	e		
183-	03 40	0 Hierarchical Level Code	М	ID	1/1	2	010	М	1	>1	1	HL	HL03	735	М	ID	1/2
		This code identifies the Commodity Classification Summary D - Product Description							•		ving the currer tion. For exam	•					

	SICIALION EDI CONVENTION															000.11.00-010
						used to	o indicate	that subs	equent seg	ments in	the HL loc	p form a logic	cal grouping	of		
						data re	eferring to	shipment	, order, or i	tem-level	information	n.				
184	400 L7 SEGMENT - Tariff/Tender Rate	С			2	090	0	10	> 1	1	HL					
	Authority															
	SEGMENT CONDITION: Used for SPOT BID shipme	nts as well	as ocea	n shipments.												
184-02 40	00 Tariff/Tender Rate Authority (SCAC)	М	ID	2/4	2	090	0	10	>1	1	HL	L702	168	0	ID	1/4
	The Standard Carrier Alpha Code that prefixes the te	nder numbe	r.													
	SOURCE: Directory of Standard Multi-Model Carriers	and Tariff A	gents C	Codes (SCAC												
	STAC), NMF 101 Series available from National Moto	r Freight Tr	affic Ass	sociation, Inc.												
184-03 40	0 Tariff/Tender Number	М	N0	6/6	2	090	0	10	>1	1	HL	L703	171	0	AN	1/7
184-08 4	00 Tariff/Tender Supplement Identifier	С	N0	2/2	2	090	0	10	>1	1	HL	L708	173	0	AN	1/4
	Enter two-digit number, using leading zero as require	d.														

		DoD INFORMATION					X12 S	SEGME	ENT IN	FORM	ATIO	١		X12 E			
Index	DG	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp I D	Ref Des	DE#		Attril	outes
184-	10 40	0 Tariff/Tender Effective Date	С	DT	8/8	2	090	0	10	>1	1	HL	L710	373	0	DT	8/8
		Include for Tailored Transportation Contract (TTC) Traffic shipments.					L710	is the e	ffective	date.							
185		400 L5 SEGMENT - Commodity Description	С			2	130	0	10	> 1	1	HL					
		SEGMENT CONDITION: Required if and only if HL SEGMENT - Commodity Cla Loop is used.	assifical	tion Summar	у		If L50	7 is pre	sent, the	en L506	is requ	uired.	other is re	·			
185-0	02 400	Commodity Description	С	AN	1/50	2	130	0	10	>1	1	HL	L502	79	0	AN	1/50
		[T_8 11/14]					L502	may be	used to	send q	uantity	inform	ation as p	part of the	e prod	uct de	scription.
185-0	3 400	Commodity Code If the shipment goes FAK, enter the DoD unique FAK code instead of the NMFC.	M /UFC. [AN T_0 18/18]	6/8	2	130	0	10	>1	1	HL	L503	22	С	AN	1/30
185-0	04 400	Commodity Code Qualifier	M	ID	1/1	2	130	0	10	>1	1	HL	L504	23	С	ID	1/1
		D - Department of Defense Unique Codes															
		N - National Motor Freight Classification (NMFC)															
		T - Standard Transportation Commodity Code (STCC)															
		U - Uniform Freight Classification (UFC)															
186		400 L0 SEGMENT - Commodity Billed/Rated Quantity	С			2	145	0	1	20	2	L0					
		LOOP CONDITION: Required if and only if HL SEGMENT - Commodity Classific	cation S	Summary Loo	op is used.		If eithe	er L004 er L006 er L008	or L005 or L007	5 is pres 7 is pres 9 is pres	sent, the sent, the sent, the	en the en the en the	other is re other is re other is re	equired. equired.			

					If eith	er L01	3 or L0 ⁻	15 is pre	esent, tl	nen the	other is re	equired.			.0040
All quantities that appear in HL Line Item Description Loops must be accumulate commodity and carried here within the HL Detail - Commodity Classification Sum A commodity is a single type of product or material. Transportation of a commodi 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 HL Detail - Line Item Description loops. There may be many line items (i.e., HL Detail - Line Item Description loops) of the same commodity. As with line item quantities,	nmary Lo ity is d in the etail -	R oop.	1/8	2	145	O	1	20	2	LO	L002	220	С	R	1/11
describe accumulated quantities, two rules must be followed when constructing a segment: 1) If the accumulated billed/rated quantity is expressed as freight weight appears here. Freight weight is the weight that line haul rate is based upon and r include skid, pallet, and dunnage weights, carried in separate MEA segments. Er should not contain a decimal; decimal is assumed at right-most point of the field. L004, L005, and L011 elements are not used. 2) If the accumulated billed/rated 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 taccumulated weight information, if required.	ht, it may ntry The quantity														

			DoD INFORMATION					X12	SEGM	ENT IN	IFORM	ATION		X12 ELE	EMENT	INF	DRMA	TION
Index	D	Data Name G Notes and Codes				ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attri	butes
18	36-03	3 400 Commodity Billed/Rated 0 BA - Barrels	Quantity Qualifier	М	ID	2/2	2	145	0	1	20	2	LO	L003	221	С	ID	2/2
		GL - Gallon																
		LB - Pound																
186-	04 4	quantity in L002, then it ca another commodity that re- commodity's freight weight carry all commodity weight haul rate is based upon an	right has not been expressed as commodity billed in be expressed here. If the commodity is bulk fue quires weight in addition to units shipped, carry the here and carry the units shipped in L002 and L0 is in the L002 and L003. Freight weight is the weight may include skid, pallet, and dunnage weights, Entry may contain a decimal; if not, decimal is asset.	el or ne 03. Othe ght that l carried i	ine in	1/8	2	145	0	1	20	2	LO	L004	81	С	R	1/10
186	-05 4	100 Weight Qualifier ELEMENT CONDITION: R FR - Freight Weight	equired if L004 is used.	С	ID	2/2	2	145	0	1	20	2	L0	L005	187	С	ID	1/2
186	5-11 <i>4</i>	400 Weight Unit Qualifier ELEMENT CONDITION: R E - Metric Ton G - Grams	equired if L004 is used.	С	ID	1/1	2	145	0	1	20	2	LO	L011	188	0	ID	1/1
		K - Kilograms																
		L - Pounds																
		M - Measurement Ton																
		O - Ounces																

	S - Short Ton															
	T - Long Ton															
187	400 L1 SEGMENT - Freight Rate	С			2	150	0	20	20	2	L0					
	SEGMENT CONDITION: Required if and only if L0 SEGMENT - (is used.	Commodity Billed/	Rated Qua	ntity		At lea	st one	of L104, For L115	L105, o is prese	r L106 i ent, the	s requirent	ner is requ ed. ner is requ ner is requ	ired.			
187-02	2 400 Freight Rate Enter freight rate applied to the shipment of the commodity. Entry decimal; if not, decimal is assumed at right-most point of the field	•	R	1/9	2	150	0	20	20	2	L0	L102	60	С	R	1/9

		DoD INFORMATION					X12	SEGN	IENT IN	NFORM	ATION	I	X12 EL	EMENT	INF	ORMA'	TION
Index	DG	Data Name Notes and Codes			commended	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attri	butes
187-03	40	0 Freight Rate Qualifier ELEMENT CONDITION: Required if L102 is used. SOURCE: Reference Section 6.0 of this IC for code values using applicab Qualifier table. Common code values associated with multiple definitions procumentation of the entire sub-set. See Section 6 for list of data values.			2/2	2	150	0	20	20	2	LO	L103	122	С	ID	2/2
187-04	400	Freight Charge The total line haul charge for the specific commodity described in L503.	М	N2	1/10	2	150	0	20	20	2	L0	L104	58	С	N2	1/12
187-09	40	O Type of Rate Qualifier Qualifies the authority (tender/tariff) number identified in the HL Detail - Lir Description loop, L7 segment. A - Alternate Rating C - Specific Commodity Rate I - Class Not Identifiable L - Class Rate QUO - Quoted Rate Y - Exception Rating	M ne Item	ID	1/3	2	150	0	20	20	2	LO	L109	121	0	ID	1/3
187-14	400	Declared Value ELEMENT CONDITION: Required for proper application of rates for certai	C n comr	N2 nodities.	2/10	2	150	0	20	20	2	L0	L114	74	С	N2	2/12
187-15	40	00 Declared Value Rate Qualifier ELEMENT CONDITION: Required if L114 is used. LA - Per Pound Per Article LB - Per Pound LV - Per Pound Per Vehicle	С	ID	2/2	2	150	0	20	20	2	LO	L115	122	С	ID	2/2

FREIGHT BILL OF LADING SHIPMENT INFORMATION 858.R.004010

	PV - Per Vehicle															
188	400 LH1 SEGMENT - HAZMAT Quantities LOOP CONDITION: Use this segment if the commodity is hazardous ma	C aterial.			2	170	0	1	100	2	LH1					
188-01	400 HAZMAT - Unit Of Measure Code Use 'ZZ' in this data element and zero (0) in LH102 to indicate commodi HAZMAT indicator. ZZ - Mutually Defined	M ty requir	ID es a	2/2	2		ulk		100 are used	2 d to co	LH1	LH101 number a	355 nd type	M of pac	ID ckages	2/2 for bulk and

		Dod Information					X12	SEGM	ENT IN	FORMA	NOITA		X12 ELE	EMENT	INFC	RMAT	ION
Index	DG	Data Name Notes and Codes			commended tributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attrik	utes
188-	02 400	D HAZMAT - Lading Quantity Use the value zero (0). [T_9 D-15 54/79]	M	N0	1/1	2	170	0	1	100	2	LH1	LH102	80	М	N0	1/7
189 Qualifi	er	500 HL SEGMENT - ITO Quality Management Info C Loop LOOP CONDITION: Use if the shipper needs to report quality control information	on, DO	3 500 m	ust appear.	2	010	М	1	> 1	1	HL					
							structo	ure, such em data.	ı as relat	ing line-i	tem dat	a to ship	ail information ment data, a rdered struc	and pack			
189	9-01 50	00 Detail - ITO Quality Management Info Loop Qualifier Use the value '1' for the first HL loop and increment by 1 for each successive H regardless of usage of the HL loop. This segment begins the loop used to carry Quality Management Information.		N0	1/12	2	the tra	nsaction ences of	set. For f the HL ent and	example segment	e, HL01 , in whic	could be	HL01 ber for each e used to ind the value of y one in eac	dicate the	numl	the HL per of 1" for	the
189-0	03 500	Hierarchical Level Code This code identifies the ITO Quality Management Information Loop. AD - Administrative Information	M	ID	2/2	2	up to t	the next to indicat	occurren	ice of an ibsequer	HL seg it segm	ment in t ents in th	HL03 nents followithe transactione HL loop formation.	on. For e	xamp	le, HL0	3 is
190		500 N9 SEGMENT - Reason (Not Lowest Cost) SEGMENT CONDITION: Required only if HL SEGMENT - ITO Quality Manage Qualifier is used.	C ment	Info Loc	pp	2				> 1 · N903 is n N905 is	•						

FREIGHT BILL OF LADING SHIPMENT INFORMATION 858 R 004010

	SPORTATION EDI CONVENTION														000.	R.00401
190-01	500 Reason (Not Lowest Cost) Qualifier	M	ID	2/2	2	100	0	10	>1	1	HL	N901	128	M	ID	2/3
	This qualifier must appear if not lowest cost is used.															
	25 - Reason Not Lowest Cost Code															
190-02	500 Reason (Not Lowest Cost)	М	AN	1/30	2	100	0	10	>1	1	HL	N902	127	С	AN	1/30
	Code that identifies the 'Reason Not Lowest Cost' service provided	d as defined by the														
	"Freight Lading Bill Reason Code" table found in USTranscom Ref	erence Data Mana	gement													
	(TRDM), mirrored at															
	http://www.transcom.mil/dteb/files/refdata/V_D_FRGHT_LDNG_BL	_4_CD.htm. [T_9 D	-13 78/7	9]												
91	500 L0 SEGMENT - Quality Control	С			2	145	0	1	20	2	L0					
	LOOP CONDITION: This segment is required only if HL SEGME	NT - ITO Quality M	anagem	ent Info Loop		If eithe	er L002	or L003	is prese	nt, then	the other	er is required	d.			
	Qualifier is used.					If eithe	er L004	or L005	is prese	nt, then	the other	er is required	i.			
						If eithe	er L006	or L007	is prese	nt, then	the other	er is required	d.			
						If eithe	er L008	or L009	is prese	nt, then	the other	er is required	d.			
						If L011	l is pre	sent, the	n L004 i	s require	ed.					
						If eithe	er L013	or L015	is prese	nt, then	the other	er is required	d.			
191-01 5	500 Item Qualifier	M	N0	3/3	2	145	0	1	20	2	L0	L001	213	0	N0	1/3
	Use value '500' to satisfy X12 syntax for the Not Lowest Cost Char	rae Difference I con	,													

		DoD INFORMATION				X12 S	EGMENT IN	IFORMAT	ION			X12 ELEME	NT IN	IFORMA	TION
Index	DG	Data Name Notes and Codes	DoD Recommende Attributes	ed	bl Pos	Req Des	Max Use	Lp Rpt	Lp LvI	Lp ID	Ref Des	DE#		Att	ributes
192		500 L1 SEGMENT - Not Lowest Cost Charge Difference SEGMENT CONDITION: Required if and only if L0 Control is used.	C SEGMENT - Q	2 Quality	At le	ther L102 or least one of Lither L114 or I	20 L103 is presei 104, L105, or L115 is presei L118 is presei	L106 is req	uired. other is re	quired.					
192-	04 50	0 Not Lowest Cost Charge Difference Use value zero (0) if no charge difference is available	M N2 1/1 e.	12 2	150	0	20	20	2	LO	L104	58	С	N2	1/12
193		600 HL SEGMENT - Transportation Working Capital Fund (TWCF) Recovery Fee Loop LOOP CONDITION: Required for all Defense Freig Services (DFTS) shipments.	C ght Transportat	2 tion	stru line-	HL segment cture, such a item data.		item data t	o shipmen	t data, and	using a hieral d packaging d re.				
193-0	01 600	Detail - TWCF Recovery Fee Loop Use the value '1' for the first HL loop and increment by 1 HL loop regardless of usage of the HL loop. This segment begins describe the TWCF recovery fee associated to DFTS shipments.		ssive	the occi	11 shall conta transaction s urrences of th	et. For examp ne HL segmer	ile, HL01 co nt, in which (ould be use case the v	ed to indic alue of HL	ate the numbe _01 would be "			AN	1/12
193-0	3 600	Hierarchical Level Code	M ID 2/2	2 2	010	М	1	>1	1	HL	HL03	735	М	ID	1/2

FREIGHT BILL OF LADING SHIPMENT INFORMATION 858.R.004010

IKAN	NSPORTATION EDI CONVENTION													000.K.UU4U
	This code identifies the TWCF Recovery Fee Loop.													
	CT - Cost Type			HL03 inc	dicates the	e context o	f the series	of segme	nts followir	ng the current	HL segment			
				up to the	next occ	currence of	an HL segr	ment in the	e transactio	on. For examp	le, HL03 is			
	Use 'CT' to denote Transportation			used to	ndicate th	hat subseq	uent segme	ents in the	HL loop fo	rm a logical gı	ouping of			
	Working Capital Fund (TWCF) Recovery Fee.			data refe	rring to s	hipment, o	rder, or iten	n-level info	ormation.					
94	600 L0 SEGMENT - Transportation C		2	145	0	1	20	2	L0					
	Working Capital Fund													
	(TWCF)													
	Recovery Fee Loop Identifier													
	LOOP CONDITION: Required if and only if HL SEGMENT			If either	L002 or L	.003 is pres	ent, then th	ne other is	required.					
	Transportation Working Capital Fund (TWCF) Recovery Fee			If either	L004 or L	.005 is pres	ent, then th	ne other is	required.					
	Loop is used.			If either	L006 or L	.007 is pres	ent, then th	ne other is	required.					
				If either	L008 or									
				L009 is	present, tl	hen the oth	er is requir	ed.						
				If L011 is	s present,	, then L004	is required	l.						
				If either	L013 or L	.015 is pres	ent, then th	ne other is	required.					
194-0	01 600 TWCF Recovery Fee Loop Identifier M N0	3/3	2	145	0	1	20	2	L0	L001	213	0	N0	1/3
	Use value '600' to indicate TWCF Recovery Fee loop.													
95	600 L1 SEGMENT - Transportation C		2	150	0	20	20	2	L0					
	Working Capital Fund													
	(TWCF)													
	Recovery Fee													
	SEGMENT CONDITION: Required if and only if L0 SEG	MENT		If either	L102 or L	.103 is pres	sent, then th	ne other is	required.					
	Transportation Working Capital			At least	one of L1	04, L105, d	or L106 is re	equired.						
	Fund (TWCF) Recovery Fee Loop Identifier is used.			If either	L114 or L	115 is pres	ent, then th	ne other is	required.					
				If either	L117 or L	118 is pres	ent, then th	ne other is	required.					
195-02	2 600 TWCF Recovery Fee Rate C R	1/7	2	150	0	20	20	2	LO	L102	60	С	R	1/9
	ELEMENT CONDITION: Used to pass the TWCF Recovery Fee per the DFTS				-	-	-	-				-		
	contract.													
195-0	3 600 TWCF Recovery Fee Qualifier C ID	2/2	2	150	0	20	20	2	L0	L103	122	С	ID	2/2
100-0														

	DoD INFORMATION DoD							X12 SE	GMENT IN	FORMAT	ION			X12 ELEN	ENT IN	IFORMA	TION
Index	DG	Data Name Notes and Codes		Recon	oD nmended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
195-0	4 600	TWCF Recovery Fee The charge allowed for TWCF recovery fee.	М	N2	1/8	2	150	0	20	20	2	LO	L104	58	С	N2	1/12
195-	08 600	TWCF Recovery Fee Service Identifier 615 - Recovery Fee Use '615' to denote Transportation Working Capital Fund (TWCF) Recovery Fee.	М	ID	3/3	2	150	0	20	20	2	LO	L108	150	0	ID	3/3
196		990 L3 SEGMENT - Bill of Lading Totals M				3	010	0	1								
							If either	L301 or L3	302 is presei	nt, then the	other is re	quired.					
							If either	L303 or L3	304 is presei	nt, then the	other is re	quired.					
							If either	L309 or L3	310 is presei	nt, then the	other is re	quired.					
							If L312 i	s present,	then L301 is	required.							
							If either	L314 or L3	315 is presei	nt, then the	other is re	quired.					
196-	05 990	Total Charge for Shipment Estimated or calculated charge for entire shipm	M nent.	N2	1/12	3	010	0	1				L305	58	0	N2	1/12
196-	09 990	Total Cube of Shipment	С	R	1/8	3	010	0	1				L309	183	С	R	1/8
		[T_0 77/80]															
196	-10 990	Total Cube of Shipment Qualifier	С	ID	1/1	3	010	0	1				L310	184	С	ID	1/1
		ELEMENT CONDITION: This qualifier must appear (L309) is used. E - Cubic Feet	ır if to	tal cub	e of shipmen	t											
		F - 100 Board Feet															
		G - Gallons															
	H - Hundreds of Measurement Tons																
	S - Measurement Ton																

FREIGHT BILL OF LADING SHIPMENT INFORMATION 858.R.004010

V - Liter X - Cubic Meters									
A - Cubic infeters									
196-11 990 Number of Carloads/Truckloads Used C N0 1/3 The total number of pieces of equipment used for the shipment. This quantity may be used	3	010	0	1	L311	80	0	N0	1/7
to rate the cost of a shipment. 197 10 SE SEGMENT - Bill of Lading Trailer M	3	020	M	1					
		SE is the	last segr	ment of each transaction set.					
197-01 10 Number of Included Segments M N0 1/6 Total segments in this transaction set including the ST and SE segments.	3	020	M	1	SE01	96	М	N0	1/10

		Dod Information			X12	SEGN	IENT II	NFORM	ATION		X12 EL	EMENT	INF	ORMAT	ION
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tab	Pos		Max Use	Lp Rpt	Lp Lvl	Lp I D	Ref Des	DE#		Attrik	outes
197-02	10	Transaction Set Control Number This data element ends the transaction set and should match the number the ST02 that begins the transaction set.	M AN 4/9 nat appears in	3	020	M	1				SE02	329	М	AN	4/9

Section 5.0

IC ELEMENTS IN EDI FORMAT

This appendix contains examples of the bill of lading in the ASC X12 Transaction Set 858 format. The examples include:

- Example 1 Rail Shipment of Shipper Owned Containers on a Railcar
- Example 2.1 Accessorial Escort Service from ITO to MSDDC
- Example 2.2 Accessorial Service from ITO to MSDDC when billable units are not required
- Example 3 Bill of Lading Correction Indicator String

How to Read the Examples

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

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

TABLE A - HEADER AREA

ST~858~431240001 n/l Transaction set header

BX~00~R~CC~C1421643~CSXT~~G~~F n/l Bill of lading number (BX07 identifies

a TTC Traffic bill)

1st railcar

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

G62~76~19880523 n/l **Date bill was prepared**

G62~68~19880525 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

~~~~KF2x n/1

H3~~ECS n/l Accessorial service request

N7~TTWX~993476~1490~N~~~~08904

N5~08904~1490~~KF2x n/l Equipment ordered

N1~CA~CSXT n/l Carrier

N1~ST~Marine Corps Maint. Cmd~10~M92502 n/l **Destination** 

N3~5880 Gateco Blvd, Blount Isle n/l

N4~Jacksonville~FL~32218~~SL~491200000 n/l

N1~SF~Traffic Management Office~10~DoDAAC n/l Origin

N3~Naval Weapons Station n/l

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

N1~CN~Marine Corps Maint. Cmd n/l Consignee

N3~5880 Gateco Blvd, Blount Isle n/l

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

N1~SH~Traffic Management Office~10~N00612 n/l Shipper

N3~Naval Weapons Station n/l

N4~Charleston~SC~294087000 n/l

October 4, 2023 VERSION 22 5.3

N1~PO~Commanding General n/l Bill charges to

N3~Marine Corps Logistics Base n/l

N4~Albany~GA~317045000 n/l

N1~IU~Traffic Management Office n/l Issuing office

N3~Naval Weapons Station n/l

N4~Charleston~SC~294087000 n/l

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

FA1~DF n/l Accounting Information

FA2~{Breakdown Structure Detail Code}~{Financial Information Code}

L10~{Appropriation Weight}~N~L n/l

TABLE B - DETAIL AREA

HL~1~~I n/l 100 Detail - Line Item Description

Loop, LINE ITEM 1

N7~TTWX~993476 n/l Cross reference to primary

equipment

NA~~DODV~0331011 n/l Shipper-owned equipment

M7~0286446 n/l

N9~TG~00001410011352092 n/l TCN

N9~M6~2 n/1

L5~~~{UFC no.}~D n/l Line description

LH6~M. B. MEIERDIERKS~2~

THIS IS TO CERTIFY THAT THE HEREIN NAMED n/l Additional Hazmat Info

LH6~M. B. MEIERDIERKS~2~

MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED n/l

LH6~M. B. MEIERDIERKS~2~

MARKED, AND LABELED AND ARE IN PROPER CONDITION n/l

LH6~M. B. MEIERDIERKS~2~

FOR TRANSPORTATION ACCORDING TO THE APPLICABLE n/l

LH6~M. B. MEIERDIERKS~2~

REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION n/l

L0~~1800~LB~~~104.7~E~18~BOX n/l Weights and quantity MEA~NX~~206.46~PN n/l Net explosive weight

MEA~NX~~93.85~KG n/l

LH1~BX~18~UN0181~~~LB~1800~~R~II n/l Hazmat information

LH2~1.1E~P n/l

LH3~Rockets with Bursting Charge n/l

FA1~DF n/l Accounting Information

FA2~{Breakdown Structure Detail Code}~{Financial Information Code}

HL~2~~I n/l 100 Detail - Line Item Description

Loop, LINE ITEM 2

N7~TTWX~993476 n/l Cross reference to primary

equipment

NA~~~DODV~0331011 n/l Shipper-owned equipment

M7~0286446 n/l

N9~TG~00001425010249982 n/l

N9~M6~2 n/1

 $N9\sim1I\sim\{DoDIC\}\ n/I$  **DoDIC** 

 $L5\sim\sim\{UFC \text{ no.}\}\sim D \text{ n/l}$ 

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

MEA~NX~~20.64~PN n/l

MEA~NX~~9.38~KG n/l

 $LH1 \sim BX \sim 18 \sim UN0181 \sim \sim LB \sim 1800 \sim \sim R \sim II n/1$ 

LH2~1.1E~P n/l

LH3~Rockets with Bursting Charge~D n/l

FA1~DF n/l Accounting Information

FA2~{Breakdown Structure Detail Code}~{Financial Information Code}

HL~3~~I n/l 100 Detail - Line Item Description

Loop, LINE ITEM 3

N7~TTWX~993476 n/l Cross reference to primary

equipment

NA~~~DODV~0331011 n/l Shipper-owned equipment

M7~0286446 n/l

N9~TG~00001427012271722 n/l

 $N9 \sim M6 \sim 2 \text{ n/l}$ 

 $N9\sim1I\sim\{DoDIC\}\ n/l$ 

 $L5\sim\sim\{UFC \text{ no.}\}\sim D \text{ n/l}$ 

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

MEA~NX~~168.00~PN n/l

MEA~NX~~76.36~KG n/l

LH1~BX~18~UN0181~~~LB~1800~~R~II n/l

LH2~1.1E~P n/l

LH3~Rockets with Bursting Charge~D n/l

FA1~DF n/l Accounting Information

FA2~{Breakdown Structure Detail Code}~{Financial Information Code}

HL~4~~I n/l 100 Detail - Line Item Description

Loop, LINE ITEM 4

N7~TTWX~993476 n/l Cross reference to primary

equipment

NA~~DODV~0350602 n/l Shipper-owned equipment

M7~0286491 n/l

N9~TG~00001325010150359 n/l

N9~M6~4 n/l

N9~1I~{DoDIC} n/l **DoDIC** 

 $L5\sim\sim\{UFC \text{ no.}\}\sim D \text{ n/l}$ 

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

October 4, 2023 VERSION 22 5.6

MEA~NX~~2400.00~PN n/l

MEA~NX~~1090.9~KG n/l

 $LH1\sim BX\sim 18\sim UN0181\sim \sim LB\sim 1800\sim \sim R\sim II\ n/I$ 

LH2~1.1D~P n/l

LH3~Rockets with Bursting Charge~D n/l

FA1~DF n/l Accounting Information

FA2~{Breakdown Structure Detail Code}~{Financial Information Code}

HL~5~~I n/l 100 Detail - Line Item Description

Loop, LINE ITEM 5

N7~TTWX~993476 n/l Cross reference to primary

equipment

NA~~~DODV~0331011 n/l Shipper-owned equipment

M7~0286491 n/l

N9~TG~00001410000238115 n/l

N9~1I~ML05 n/l **DoDIC** 

 $L5\sim\sim\{UFC \text{ no.}\}\sim D \text{ n/l}$ 

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

MEA~SK~B~200.5~PN n/l Weight of the skid used for this type

pack

MEA~DN~B~20.5~PN n/l Weight of the dunnage for this type

pack

FA1~DF n/l Accounting Information

FA2~{Breakdown Structure Detail Code}~{Financial Information Code}

HL~6~PH n/l 200 Detail - Weights Description

Loop

L0~~~31551.70~N~~~~L n/l Original shipment net weight

HL~7~~PH n/1

L0~~~2795.10~CE~~~~L n/l Original shipment net explosive

weight

HL~8~PH n/l Original shipment skid weight

L0~~~200.5~SK n/l

HL~9~~PH n/l Original shipment dunnage weight

L0~~~20.5~CD n/l

HL~10~~PH n/l Original shipment freight weight

October 4, 2023 VERSION 22 5.7

L0~~~31330.7~FR n/l

L0~500 n/l

| HL~11~~SS n/l | Accessorial Loop |
|---------------|------------------|
|---------------|------------------|

| N9~1P~~19880525 n/l | Date service performed     |
|---------------------|----------------------------|
| L0~300~50~NC n/l    | Rate qualifier/minimum per |

$$L0 \sim \{Total\ UFC\ qty\} \sim LB \sim \{Total\ UFC\ qty\} \sim FR \sim \sim \sim L\ n/l \\ L1 \sim .0035 \sim HM \sim \sim \sim 168 \sim LB\ n/l \\ \textbf{Rate and declared value}$$

### TABLE C - SUMMARY AREA

 $L3 \sim \sim \sim 7165600 \sim \sim \sim 1245.7 \sim E \sim 1 \text{ n/l}$ 

**Estimated charges** 

SE~{total segments in transaction set}~431240001 n/l

Transaction set trailer

### EXAMPLE 2.1 - Accessorial Service From ITO to MSDDC

### 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 HL 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.

| HL~3~~SS n/l       | 300 Detail - Accessorial and<br>Protective Service Loop. This HL<br>loop describes FIRST DAY service. |
|--------------------|-------------------------------------------------------------------------------------------------------|
| N9~1P~DP~~19920317 | Date service performed.                                                                               |
| L0~300~250~DM n/l  | 250 miles.                                                                                            |
| L1~~~00~~~MES n/l  | DoD service code. Must be in first L0 loop.                                                           |
| L0~300~2~NV n/l    | 2 vehicles.                                                                                           |
| L0~300~4~PR n/l    | 4 persons.                                                                                            |
| HL~4~~SS n/l       | 300 Detail - Accessorial and<br>Protective Service Loop. This HL<br>loop describes SECOND DAY         |

loop describes SECOND DAY service.

N9~1P~DP~~19920318

Date service performed. Must be in

first L0 loop.

L0~300~125~DM n/l **125 miles.** 

L1~~~00~~~MES n/l

DoD service code. Must be in first L0 loop.

L0~300~1~NV n/l 1 vehicle. L0~300~2~PR n/l 2 persons.

# EXAMPLE 2.2 - Accessorial Service From ITO to MSDDC

### 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).

HL~3~~SS n/l 300 Detail - Accessorial and

Protective Service Loop. This HL loop describes FIRST DAY service.

N9~1P~DP~~19920318 Date service performed.

L0~300 n/l This segment required by X12 syntax

rules.

L1~~~00~~~PER n/l **DoD service code.** 

October 4, 2023 VERSION 22 5.11

# EXAMPLE 3 - Bill of Lading Correction Indicator String.

### NTE SEGMENT

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

TABLE B-1 BILL OF LADING SHIPMENT INFORMATION CORRECTION INDICATORS

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

### **EXAMPLE:**

The following string indicates a change to the bill of lading accounting classification, its authorized services, and its equipment date.

NTE~CHG~YYNNNYNN n/l

(Blank Page)

Section 6.0

APPLICATION CODE LISTS

6.1 10/04/2023

## 2-02 -- Transportation Method Code (Mode Code)

```
Data Value - Definition
6 - Military Official Mail
 A - Air
AE - Air Express
AF - Air Freight
AH - Air Taxi
B - Barge
BU - Bus
D - Parcel Post
DA - Driveaway Service
DW - Driveaway, Truckaway, Towaway
ED - European or Pacific Distribution System
 ** Use 'ED' to denote Air Mobility Command (AMC) Transportation Method/Type Code.
FA - Air Freight Forwarder
IP - Intermodal (Personal Property)
J - Motor
** Use 'J' to denote Motor, Truckload.
 L - Contract Carrier
LA - Logair
** Use 'LA' to denote Military Air.
LD - Local Delivery
LT - Less Than Trailer Load (LTL)

** Use 'LT' to denote Motor, Less than Truckload.

MP - Motor (Package Carrier)

MS - Military Sealift Command (MSC), Controlled, Contract, or Arranged Space
PL - Pipeline
R - Rail
R - Kall
RO - Ocean (Roll on - Roll off)
SB - Shipper Agent
SC - Shipper Agent (Truck)
SD - Shipper Association
SF - Surface Freight Forwarder
TA - Towaway Service
U - Private Parcel Service
** Use 'U' to denote Package Express.
W - Inland Waterway
WP - Water or Pipeline Intermodal Movement
 X - Intermodal (<sup>Pi</sup>ggyback)
** Use 'X' to denote Rail Intermodal Piggyback(TOFC/COFC).
```

6.2 10/04/2023

S2 - Security Cooperation

WO - Work Order Number

TA - Transportation Account Code (TAC)

YB - Beginning Period of Availability Fiscal Year Date YE - Ending Period of Availability Fiscal Year Date
ZZ - Mutually Defined

### 92-01 -- Breakdown Structure Detail Code

#### Data Value - Definition 84 - Total Direct Costs 89 - Budget Line Item 90 - Project Identifier A1 - Department Indicator \*\* Use 'A1' to denote Department Regular. A2 - Transfer from Department \*\* Use 'A2' to denote Department Transfer. A3 - Fiscal Year Indicator A4 - Basic Symbol Number \*\* Use 'A4' to denote Main Account. A5 - Sub-class A6 - Sub-Account Symbol \*\* Use 'A6' to denote Sub Account. AI - Activity Identifier AT - Air Force Transportation Account Code (ATAC) B1 - Budget Activity Number B2 - Budget Sub-activity Number \*\* Use 'B2' to denote Sub-Allocation. B3 - Budget Program Activity BE - Business Event Type Code C1 - Program Element C2 - Project Task or Budget Subline C3 - Budget Restriction \*\* Use 'C3' to denote Availability Type. CC - Cost Center Identifier D1 - Defense Agency Allocation Recipient D4 - Component Sub-allocation Recipient D6 - Sub-allotment Recipient D7 - Work Center Recipient E1 - Major Reimbursement Source Code E2 - Detail Reimbursement Source Code E3 - Customer Indicator F1 - Object Class F3 - Government or Public Sector Identifier FA - Functional Area FC - Funding Center Identifier FT - Funding Type G2 - Special Interest Code or Special Program Cost Code H1 - Cost Code \*\* Use 'H1' to denote Cost Element Code. 11 - Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC) \*\* Use 'I1' to denote Abbreviated Department of Defense (DoD) Budget and Accounting Classification. IA - Security Cooperation Implementing Agency Code J1 - Document or Record Reference Number K6 - Accounting Classification Reference Code L1 - Accounting Installation Number \*\* Use 'L1' to denote Agency Accounting Identifier. M1 - Local Installation Data MD - Movement Designator Code (MDC) N1 - Transaction Type P1 - Disbursing Station Number \*\* Use 'P1' to denote Agency Disbursing Identifier Code. P5 - Foreign Military Sales (FMS) Line Item Number S1 - Security Cooperation

6.3 10/04/2023

| 119-05 Freight Weigh                                                                                                                                                                                                                                                                                 | nt Qualifier |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Data Value - Definition                                                                                                                                                                                                                                                                              |              |
| A - Consolidated Weight A1 - Dimensional Weight A2 - Reweighed By Carrier A3 - Shippers Weight A4 - Average Weight per Load B - Billed Weight C - Actual Net Repeated for Combination CD - Chargeable Dunnage CE - Certified Weight of Cargo D - Destination Weight Agreement                        |              |
| DR - Drained Weight E - Estimated Net Weight F - Deficit Weight FR - Freight Weight G - Gross Weight H - Weight Per 100 Feet J - Light Weight                                                                                                                                                        |              |
| K - Clean Out L - Legal Weight LC - Maximum Lading Capacity M - Minimum Weight (for rate) N - Actual Net Weight ND - Nonchargeable Dunnage NI - Non-Temporary Storage Weight In NR - Non-Temporary Storage Weight Re-handled                                                                         |              |
| NT - Non-Temporary Storage Weight Out O - Excess Weight Over Maximum P - Weight Per 100 Units PA - Pallet Weight Q - Weight Per 1000 Units R - Per Unit Dunnage RG - Reweigh Gross Weight                                                                                                            |              |
| RN - Reweigh Net Weight RT - Reweigh Tare Weight S - State Weight SF - Storage in Transit Final Weight Out SI - Storage in Transit Weight in SK - Skid Weight SO - Storage in Transit Weight Out                                                                                                     |              |
| T - Tare Weight U - Weight Per Unit V - Non Transit Weight (On Transit Bills Only) W - Transit Weight (On Transit Bills Only) WA - Administrative Weight Allowance WB - Unaccompanied Baggage Weight WG - Professional Gear Weight WJ - Joint Travel Regulation Weight X - Maximum Weight (for Rate) |              |
| Y - Theoretical Weight Z - Mutually Defined                                                                                                                                                                                                                                                          |              |

6.4 10/04/2023

# 128-06 -- HAZMAT - English Measurement Code

| Data Value - Definition               |  |
|---------------------------------------|--|
| 20 - 20 Foot Container                |  |
| 2R - Kilocurie                        |  |
| 4D - Curie                            |  |
| BR - Barrel                           |  |
| CW - Hundred Pounds (CWT)             |  |
| D2 - Shares                           |  |
| FO - Fluid Ounce                      |  |
| G2 - U.S. Gallons Per Minute          |  |
| GA - Gallon                           |  |
| LB - Pound                            |  |
| LG - Long Ton                         |  |
| M0 - Magnetic Tapes                   |  |
| M5 - Microcurie                       |  |
| MU - Millicurie                       |  |
| NS - Short Ton                        |  |
| OZ - Ounce - Av<br>PN - Pounds Net    |  |
|                                       |  |
| PS - Pounds per Sq. Inch<br>PT - Pint |  |
| Q2 - Pint U.S. Dry                    |  |
| QT - Quart                            |  |
| Q1 - Quait                            |  |

6.5

### 143-01 -- Breakdown Structure Detail Code

#### Data Value - Definition 84 - Total Direct Costs 89 - Budget Line Item 90 - Project Identifier A1 - Department Indicator \*\* Use 'A1' to denote Department Regular. A2 - Transfer from Department \*\* Use 'A2' to denote Department Transfer. A3 - Fiscal Year Indicator A4 - Basic Symbol Number \*\* Use 'A4' to denote Main Account. A5 - Sub-class A6 - Sub-Account Symbol \*\* Use 'A6' to denote Sub Account. AI - Activity Identifier AT - Air Force Transportation Account Code (ATAC) B1 - Budget Activity Number B2 - Budget Sub-activity Number \*\* Use 'B2' to denote Sub-Allocation. B3 - Budget Program Activity BE - Business Event Type Code C1 - Program Element C2 - Project Task or Budget Subline C3 - Budget Restriction \*\* Use 'C3' to denote Availability Type. CC - Cost Center Identifier D1 - Defense Agency Allocation Recipient D4 - Component Sub-allocation Recipient D6 - Sub-allotment Recipient D7 - Work Center Recipient E1 - Major Reimbursement Source Code E2 - Detail Reimbursement Source Code E3 - Customer Indicator F1 - Object Class F3 - Government or Public Sector Identifier FA - Functional Area FC - Funding Center Identifier FT - Funding Type G2 - Special Interest Code or Special Program Cost Code H1 - Cost Code \*\* Use 'H1' to denote Cost Element Code. 11 - Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC) \*\* Use 'I1' to denote Abbreviated Department of Defense (DoD) Budget and Accounting Classification. IA - Security Cooperation Implementing Agency Code J1 - Document or Record Reference Number K6 - Accounting Classification Reference Code L1 - Accounting Installation Number \*\* Use 'L1' to denote Agency Accounting Identifier. M1 - Local Installation Data MD - Movement Designator Code (MDC) N1 - Transaction Type P1 - Disbursing Station Number \*\* Use 'P1' to denote Agency Disbursing Identifier Code. P5 - Foreign Military Sales (FMS) Line Item Number S1 - Security Cooperation

S2 - Security Cooperation

TA - Transportation Account Code (TAC)

WO - Work Order Number

YB - Beginning Period of Availability Fiscal Year Date

YE - Ending Period of Availability Fiscal Year Date
ZZ - Mutually Defined

10/04/2023 6.6

# Section 9.0

# ADDITIONAL INFORMATION FOR THE DEVELOPER

This section describes logic for bill of lading data groups. It also presents a tutorial on shipment stop scenarios.

# Looping Logic for Bill of Lading Data Groups

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

### DATA GROUP 60 - EQUIPMENT INFORMATION

This section offers four examples of bill of lading equipment configurations.

- Primary equipment (DROM) on secondary equipment (railcar)
- Government owned vehicles on primary equipment (railcar)
- Primary equipment (motor van)
- Primary equipment (motor van) and primary equipment (DROMs) on secondary equipment (flatbed)

#### Terms

Before examining the examples, the developer needs to be familiar with the following terms:

- Shipper Equipment/Vehicles Equipment/vehicle(s) supplied/owned by the shipper to include DROMs, containers, and vehicles. This equipment is usually conveyed using primary equipment.
- *Primary Equipment* Equipment ordered by the shipper from the carrier. This equipment or its equivalent is furnished by the carrier and used in the transportation of the shipment. The shipper pays only for the primary equipment ordered.
- Secondary Equipment Equipment furnished by the carrier in addition to primary equipment. Generally, this equipment is used to convey the primary equipment. The shipper incurs no cost for the use of secondary equipment. (Example: a rail car used to convey shipper ordered containers)

CONFIGURATION 1 - PRIMARY EQUIPMENT (DROM) ON SECONDARY EQUIPMENT (RAILCAR)

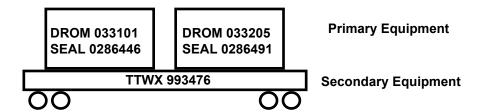


Table 9.1 - Mapping and Example Data for Equipment Configuration 1

| Data Name                        | Mapping | Prime Eq. 1 | Prime Eq. 2 | Prime Eq. 3 |
|----------------------------------|---------|-------------|-------------|-------------|
| Primary Furnished (Header &      |         |             |             |             |
| HL~100)                          |         |             |             |             |
| Initials                         | N701    | DROM        | DROM        |             |
| Numbers                          | N702    | 033101      | 033205      |             |
| Cube                             | N708    | 155         | 155         |             |
| Cube Qual.                       | N709    | Е           | Е           |             |
| 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          |             |
| **                               | 141703  |             |             |             |
| Primary Ordered (Header)         |         |             |             |             |
| Length                           | N501    |             |             |             |
| Weight Cap.                      | N502    |             |             |             |
| Cube Cap.                        | N503    | 132         | 132         |             |
| Equip. Type                      | N504    | AD1x        | AD1x        |             |
| Government Owned Equip. (HL~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

 $HL\sim100\sim I n/l$ 

N7~DROM~033101 n/l Primary 1 visibility

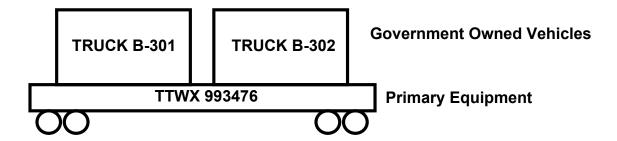
 $L5\sim ... n/1$ 

HL~100~I n/l

N7~DROM~033205 n/l Primary 2 visibility

L5~ ... n/l

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



October 4, 2023 VERSION 22 9.5

 ${\it Table~9.2-Mapping~and~Example~Data~for~Equipment~Configuration~2}$ 

| Data Name                           | Mapping | Prime Eq. 1 | Prime Eq. 2 | Prime Eq. 3 |
|-------------------------------------|---------|-------------|-------------|-------------|
| Primary Furnished (Header & HL~100) |         | •           |             | •           |
| Initials                            | N701    | TTWX        |             |             |
| Numbers                             | N702    | 993476      |             |             |
| Cube                                | N708    |             |             |             |
| Cube Qual.                          | N709    |             |             |             |
| Length                              | N715    | 08904       |             |             |
| Equip. Type                         | N722    | KF2x        |             |             |
| Initials                            | NA03    |             |             |             |
| Numbers                             | NA04    |             |             |             |
| Seals on Primary (Header)           |         |             |             |             |
| Number                              | M701-04 |             |             |             |
| Applied By                          | M705    |             |             |             |
| Primary Ordered (Header)            |         |             |             |             |
| Length                              | N501    | 08904       |             |             |
| Weight Cap.                         | N502    | 149000      |             |             |
| Cube Cap.                           | N503    |             |             |             |
| Equip. Type                         | N504    | KF2x        |             |             |
| Government Owned Equip. (HL~100)    |         |             |             |             |
| Vehicle Id Qualifier                | NA01    | VT          | VT          |             |
| Vehicle VIN or filler               | NA02    | VIN         | VIN         |             |
| Vehicle Type Qualifier              | NA03    | NONX        | NONX        |             |
| Vehicle Bumper No.                  | NA04    | B-301       | B-302       |             |
| 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

HL~100~I n/l

N7~TTWX~993476 n/l Primary 1 visibility
NA~VT~VIN~NONX~B-301 n/l Gov't owned vehicle

 $L5{\sim} \;...\; n/l$ 

 $HL\sim100\sim I n/l$ 

N7~TTWX~993476 n/l Primary 1 visibility
NA~VT~VIN~NONX~B-302 n/l Gov't owned vehicle

 $L5\sim ... n/l$ 

# CONFIGURATION 3 - PRIMARY EQUIPMENT (MOTOR VAN)

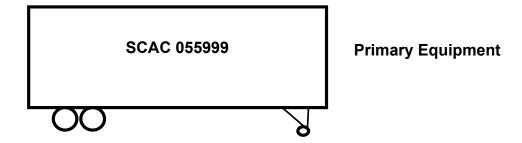


Table 9.3 - Mapping and Example Data for Equipment Configuration 3

| Data Name                           | Mapping | Prime Eq. 1 | Prime Eq. 2 | Prime Eq. 3 |
|-------------------------------------|---------|-------------|-------------|-------------|
| Primary Furnished (Header & HL~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. (HL~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

NA~~~TTWX~993476 n/l N5~04000~40000~~AV2x n/l

• DETAIL AREA

HL~100~I n/l

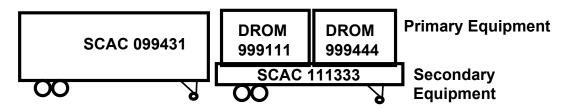
Primary Equipment Furnished Secondary Equipment Furnished Primary Equipment Ordered

No visibility needed for this

configuration

N7~SCAC~05599 n/l L5~ ... n/l CONFIGURATION 4 - PRIMARY (MOTOR VAN) AND PRIMARY (DROM) ON SECONDARY (FLATBED)

# **Primary Equipment**



October 4, 2023 VERSION 22 9.11

Table 9.4 - Mapping and Example Data for Equipment Configuration 4

| Data Name                           | Mapping | Prime  | Prime  | Prime  |
|-------------------------------------|---------|--------|--------|--------|
|                                     |         | 1      | 2      | 3      |
| Primary Furnished (Header & HL~100) |         |        |        |        |
| Initials                            | N701    | SCAC   | DROM   | DROM   |
| Numbers                             | N702    | 099431 | 999111 | 999444 |
| Cube                                | N708    |        | 132    | 132    |
| Cube Qual.                          | N709    |        | Е      | Е      |
| 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. (HL~100)    |         |        |        |        |
| Vehicle Info                        | NA01-04 |        |        |        |
| Container/DROM                      |         |        |        |        |
| Initials                            | NA03    |        |        |        |
| Numbers                             | NA04    |        |        |        |
| Seal No.                            | M701-04 |        |        |        |
| Seal Applied                        | M705    |        |        |        |

## Configuration 4 Example

### 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/1 Primary ordered N7~DROM~999444~~~~132~E~~~~~AD1x n/l Primary 3 furnished Secondary NA~~~SCAC~111333 n/l M7~333333~~~~SH n/l Primary seals N5~~~132~AD1x n/1 Primary ordered

### • DETAIL AREA

 $HL\sim100\sim I n/l$ 

N7~SCAC~099431 n/l Primary 1 visibility

 $L5 \sim ... \ n/l$ 

HL~100~I n/l

N7~DROM~999111 n/l Primary 2 visibility

 $L5\sim ... n/l$ 

 $HL\sim100\sim I n/l$ 

N7~DROM~999444 n/l Primary 3 visibility

L5~ ... n/l

## DATA GROUP 80 - STOP INFORMATION

The S5 stop 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. The origin address does not occur in the S5 stop loop. The stop sequence number that appears in the S5 segment must also appear with corresponding line items in the N9 segment within the HL 100 loop. Further examples of DLA stop-off scenarios can be found in Section 6.0.

### • 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~32218000~~SL~491200 n/l | Destination SPLC                                                |
| S5~1~LD~~~~447178000 n/l                   | Stop sequence number and SPLC for split pickup at origin        |
| N1~LP~Loading party name n/l               |                                                                 |
| S5~2~LD~~~~447100000 n/l                   | Stop sequence number and SPLC for stop to load                  |
| N1~LP~Loading party name n/l               |                                                                 |
| S5~3~UL~~~~447220000 n/l                   | Stop sequence number and SPLC for stop to unload                |
| N1~UP~Unloading party name n/l             |                                                                 |
| S5~4~UL~~~~491200000 n/l                   | Stop sequence number and SPLC for split delivery at destination |
| N1~UP~Unloading party name n/l             |                                                                 |
| DETAIL AREA                                |                                                                 |
| HL~100~I n/l                               |                                                                 |
| N9~QN~1 n/1                                |                                                                 |
|                                            | Cross reference of line item to stop sequence number 1          |
| L5~ n/l                                    | Commodity description                                           |
| I 0~ n/l                                   | Commodity quantity                                              |

L5~... n/l Commodity description
L0~... n/l Commodity quantity
HL~100~I n/l

N9~QN~2 n/l Cross reference of line item to stop sequence number 2

 $L5\sim...$  n/l Commodity description  $L0\sim...$  n/l Commodity quantity  $HL\sim100\sim I$  n/l

N9~QN~3 n/l Cross reference of line item to stop

sequence number 3
L5~... n/l
Commodity description

October 4, 2023 VERSION 22 9.14

| L0~ n/l                         | Commodity quantity                                              |
|---------------------------------|-----------------------------------------------------------------|
| HL~100~I n/l                    |                                                                 |
| N9~QN~4 n/l                     | Cross reference of line item to stop sequence number 4          |
| L5~ n/l                         | Commodity description                                           |
| L0~ n/l                         | Commodity quantity                                              |
| HL~100~I n/l                    | Delivered at destination                                        |
| L5~ n/l                         | Commodity description                                           |
| L0~ n/l                         | Commodity quantity                                              |
| HL~100~I n/l                    | Delivered at destination                                        |
| L5~ n/l                         | Commodity description                                           |
| L0~ n/l                         | Commodity quantity                                              |
| HL~100~I n/l                    | Delivered at destination                                        |
| L5~ n/l                         | Commodity description                                           |
| L0~ n/l                         | Commodity quantity                                              |
| HL~300~SS<br>N9~QN~1<br>L0~300  | Accessorial Service Loop for Stop Offs<br>Stop sequence from S5 |
| L1~~SP~5000~~~SPU~~~447178000   | Charge, stop (SOC) service, and SPLC                            |
| HL~300~SS                       |                                                                 |
| N9~QN~2                         | Stop sequence from S5                                           |
| L0~300                          | Cl (GOC) I GDI C                                                |
| L1~~~5000~~~SOC~~~447100000     | Charge, stop (SOC) service, and SPLC                            |
| HL~300~SS<br>N9~QN~3<br>L0~300  | Stop sequence from S5                                           |
| L1~~~5000~~~SOC~~~447220000     | Charge, stop (SOC) service, and SPLC                            |
| HL~300~SS                       | Ston gaguanga from S5                                           |
| N9~QN~4<br>L0~300               | Stop sequence from S5                                           |
| L1~~~SP~5000~~~~SPU~~~491200000 | Charge, stop (SOC) service, and SPLC                            |

## DATA GROUP 100 - COMMODITY HEADER INFORMATION

## DATA GROUP 120 - COMMODITY DETAIL INFORMATION

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

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

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

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

### DATA GROUP 190 - HAZMAT INFORMATION

The data group 190 - HAZMAT Information, if applicable, appears once for each HL 100 loop in the LH1 loop. Sometimes special instructions appear on the GBL cover page. Those instructions should be grouped in the LH1 loop under the first occurrence of the HL 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.

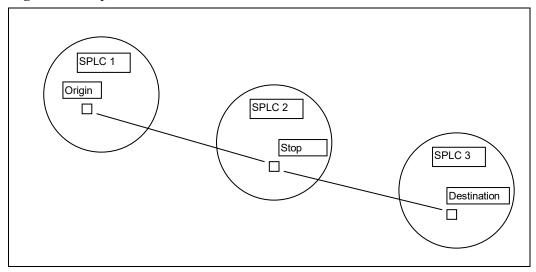
# **Shipment Stop Scenarios**

MSDDC Tailored Transportation Contract Traffic rules publications identify three types of stops that may occur during a shipment: Stops (SOC), split pickups/deliveries (SPU, SDL), and objective service supply deliveries (DIS). The DoD needs visibility of these shipments and DFAS needs to pay for the associated accessorial services. Consequently, the DTEB Stop-off Work Group examined the functional requirement and developed the following three stop-off scenarios and accompanying EDI examples. DLA and other users of Tailored Transportation Contract Traffic agreements should use the following scenarios to build EDI transactions that are compliant with DTEB conventions.

# STOP (SOC)

The SPLC of a stop is always different from the origin and destination SPLC. Figure 9.1 calls for one S5 loop for SPLC 2.

Figure 9.1 Stops



EXAMPLE: (NOTE: THE TILDE "~" CHARACTER SERVES AS THE DATA ELEMENT DELIMITERS IN THE FOLLOWING EXAMPLES.)

ST

S5~1~UL~~~~SPLC2

Stop unload

HL~100~I

Line 1 at stop 1

N9~QN~1

HL~300~SS

N9~QN~1

L0~300

L1~~~5000~~~SOC

Stop sequence from S5

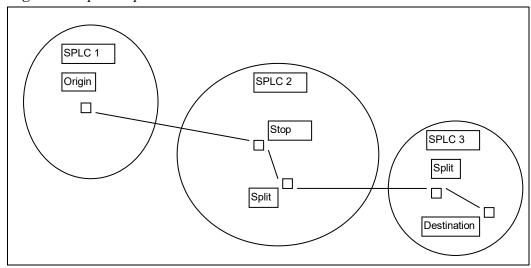
Charge, stop (SOC) service, and SPLC

SE

# SPLIT STOPS (SPU, SDL)

Split stops occur after an accessorial "stop-off" and happen within the same SPLC location. Figure 9.2 Illustrates a split delivery at SPLC 2 and a split delivery at SPLC 3. This example calls for three S5 loops.

Figure 9.2 Split Stops



# EDI X12 EXAMPLE:

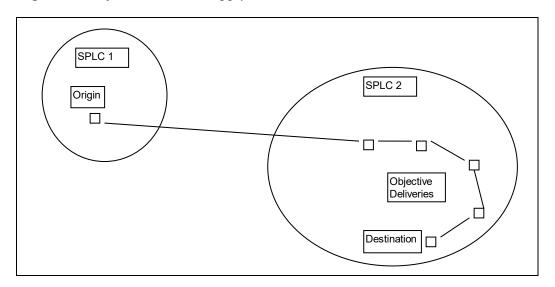
SE

| ST                        |                                                 |
|---------------------------|-------------------------------------------------|
| S5~1~UL~~~~SPLC2          | Stop unload                                     |
| S5~2~UL~~~~SPLC2          | Split unload                                    |
| S5~3~UL~~~~SPLC3          | Split unload                                    |
| HL~100~I                  | Line 1 at stop 1                                |
| N9~QN~1<br>HL~100~I       | Line 2 at split                                 |
| N9~QN~2                   | T                                               |
| HL~100~I                  | Line 3 at split                                 |
| N9~QN~3                   |                                                 |
| HL~300~SS                 |                                                 |
| N9~QN~1                   | Stop sequence from S5                           |
| L0~300                    |                                                 |
| L1~~~5000~~~SOC~~~SPLC2   | Charge, service, and SPLC                       |
| HL~300~SS                 |                                                 |
| L0~300~2~SP               | Quantity of accessorial service units           |
| L1~~SP~5000~100.00~~~~SDL | Rate and charge for two split deliveries (SDLs) |

# OBJECTIVE SERVICE SUPPLY DELIVERIES

Objective Service Supply Deliveries occur before the final delivery at the destination SPLC location. This example calls for four S5 loops. Figure 9.3 illustrates this scenario.

Figure 9.3 Objective Service Supply Deliveries



# **EXAMPLE:**

| ST                               |                                         |
|----------------------------------|-----------------------------------------|
| S5~1~UL~~~~SPLC2                 | Objective unload                        |
| S5~2~UL~~~~~SPLC2                | Objective unload                        |
| S5~3~UL~~~~SPLC2                 | Objective unload                        |
|                                  | •                                       |
| S5~4~UL~~~~SPLC2                 | Objective unload                        |
|                                  |                                         |
| HL~100~I                         | Line 1 at objective 1                   |
| N9~QN~1                          |                                         |
| HL~100~I                         | Line 2 at objective 1                   |
| N9~QN~2                          |                                         |
| HL~100~I                         | Line 3 at objective 1                   |
| N9~QN~3                          | ·                                       |
| HL~100~I                         | Line 4 at objective 1                   |
| N9~QN~4                          | J                                       |
|                                  |                                         |
| HL~300~SS                        |                                         |
| L0~300~4~SP                      | Quantity of accessorial service units   |
| L1~{qualifier}~5000~200.00~~~DIS | Rate and charge for four DIS deliveries |
| 21 (4                            | Time and one go for four Die deliveries |
| SE                               |                                         |
| SIL .                            |                                         |

October 4, 2023 VERSION 22 9.20

## SPECIAL CASES

# Split Stops

Expressing costs for split pickup and delivery varies between shipments costed using voluntary tenders and Tailored Transportation Contract traffic tenders.

## Voluntary Tenders

Load and unload actions are identified using code SPU.

■ Tailored Transportation Contract Traffic Tenders Load actions are identified using code SPU. Unload actions are identified using code SDL.

# Intransit pickup and delivery

If a line item is picked up at a stop location and delivered at another stop location, the HL~100 describing the line item must contain two N9 segments. The first N9 segment describes the pickup stop sequence number. The second N9 describes the delivery stop sequence number.

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