



Department
of
Defense

DoD
Transportation
Electronic Business
(DTEB) Convention

ASC X12 Transaction Set 300
Reservation (Booking Request)
(Ocean) (Version 007020)

VERSION 6

September 2023



Department
of
Defense

DoD
Transportation
Electronic Business
(DTEB) Convention

ASC X12 Transaction Set 300
Reservation (Booking Request)
(Ocean) (Version 007020)

VERSION 6

CONTENTS

1.0 INTRODUCTION

2.0 CONTROL SEGMENTS

3.0 STANDARD IMPLEMENTATION CONVENTION

4.0 IC ELEMENT MATRIX

5.0 RESERVED

6.0 IC CODE LISTS

7.0 RESERVED

8.0 RESERVED

9.0 RESERVED

(Blank Page)

Section 1.0

INTRODUCTION

This implementation convention (IC) describes the standard or convention the Department of Defense will use to exchange Reservation (Book Request) (Ocean) information in support of the Defense Transportation 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, contact the following:

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

For the most recent publication, go to

<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. Programmers use this section 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 may contain examples of hard copy documents, examples of EDI transaction sets, segment looping logic tables, and other items that serve as references for software developers.

What's New In Version 6

DM Number	DM Description	Approval Date
-----------	----------------	---------------

1339		09/19/2023
------	--	------------

In the 300.A.007020 Version 6, at Section 3 Ref H301 Data Element 152 and Section 6.0, Application Code Lists, for Index 15-01 Special Handling Codes add the following X12 approved codes with DOD definitions:

X12 Code == X12 Definition == DOD Definition

GOC == Government-Owned Containers == Empty Government Owned Container

PMR == Per Mile Rates Apply == Expedited Delivery - Additional Mile Over 599

FB == Face "B-end" to Head of Train == Tank Container Clean and Empty

Added in Version 5

DM Number	DM Description	Approval Date
-----------	----------------	---------------

1314		10/4/2019
------	--	-----------

At Section 3, Reference H301, Data Element 152 and Section 6.0, APPLICATION CODE LISTS, 15-01 – Special Handling Code, add the following:

X12 Code: JLX with X12 description "Join Line Exception" to denote "ACR 40FT DRY (BAGRAM)"

Added in Version 4

DM Number	DM Description	Approval Date
-----------	----------------	---------------

1299		2/27/2019
------	--	-----------

Add two accessorial Special Handling Codes to Transaction Set 300 for IBS. "Hazardous Surcharge Origin", and "Hazardous Surcharge Destination". These new Special Handling Codes will be under Segment H3, Special Handling Instructions, H301, Data Element 152 at index 15-01.

Add DOD definitions:

Code == X12 Definition == DoD Definition

HO == Hold for Orders == Hazardous Surcharge Origin

HE == Head End Car == Hazardous Surcharge Destination

(had previously selected HM for Haz. Surcharge Dest., but collided with a code in another transaction set used by DLA)

Added in Version 3

DM Number	DM Description	Approval Date
1283	<p>At Section 3 Ref H301 Data Element 152 and Section 6.0 Application Code Lists for index 15-01 Special Handling Code change the following X12 approved codes with:</p> <p>Add DOD definitions: Code == X12 Definition == DoD Definition DNC == Do Not Couple to Other Diaphragmed Cars == Daily In-transit Visibility Destination</p> <p>Change DOD Definition: Code == X12 Definition == DoD Definition DLR == Notify Shipper Immediately if Shipment is Delayed en Route == From (Daily In-transit Visibility) to (Daily In-transit Visibility Origin)</p>	5/24/2018

Added in Version 2

DM Number	DM Description	Approval Date
1245	<p>In the LX Loop at Index 16, change the Segment Instruction to read: One, and only one, TCN is permitted per LX loop. When booking breakbulk/containerized cargo the LX loop will be repeated for each Transportation Control Number (TCN).</p>	11/10/2016
1242	<p>In the LX01 at Index 16-01, DE 554, change the description to read: Assigned Number: When booking breakbulk/containerized cargo, assign numbers sequentially, i.e., 1,2,3,4, . . . , 999. Start with "1" and increment by one for each occurrence of the LX loop; limited to one TCN per LX loop.</p>	11/2/2016

Added in Version 1

DM Number	DM Description	Approval Date
1221	<p>In the H301, DE 152 at index 15-01 and in Section 6 for the Special Handling Code, add the following X12 codes and associated DOD definitions (* denotes code borrowed from DE 150): Code == X12 Definition == DOD Definition * 075 == Air Express Charge == 75% Ocean Differential – 20 From 40 * 085 == Airline Opening Fee == 85% Inland Differential - 20 From 40</p>	4/20/2016

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 007020).

Commercial Trading Partners and DoD personnel may view the Convention at:

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

(Blank Page)

Section 3.0

STANDARD IMPLEMENTATION CONVENTION

This section presents the DoD's convention for generating Reservation (Booking Request) (Ocean) using ASC X12 Transaction Set 300 Reservation (Booking Request) (Ocean) (Version 007020).

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.

(Blank Page)

300

Functional Group=

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0200	B1		M	1			Used
0250	G61		O	3			Used
0500	Y1		M	1			Used
LOOP ID - Y2					10		
0600	Y2		O	1			Used
0650	W09		O	1			Used
0690	N9		O	100			Used
LOOP ID - N1					99		
0800	N1		M	1			Used
1000	N3		O	2			Used
1100	N4		O	1			Used
1200	G61		O	3			Used
LOOP ID - R4					20		
1300	R4		M	1			Used
1400	DTM		O	15			Used
1500	W09		O	1			Used
1600	H3		O	20			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - LX					999		
0100	LX		M	1			Used
0200	N7		O	1			Used
0400	L0		O	1			Must use
0500	L5		O	1			Must use
0600	L4		O	1			Used
0650	L1		O	20			Used
0670	REF		O	1			Used
LOOP ID - H1					10		
0700	H1		O	1			Used
0800	H2		O	10			Used
0900	V1		O	2			Must use
1000	V9		O	10			Used
1100	K1		O	20			Used

B1

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Used

DoD Segment Definition:

[2] B1 SEGMENT - Shipment Identification

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
B101	140		M	ID	2/4	Used

DoD Definition: [2-01] Standard Carrier Alpha Code

SOURCE: Directory of Standard Carrier Alpha Codes (SCAC), NMF 101 Series available from National Motor Freight Association, Inc.

B102	145		O	AN	1/30	Must use
------	-----	--	---	----	------	----------

DoD Definition: [2-02] Shipment Identification Number

Enter in an eight (8) digit alpha numeric code. The first six (6) digits are the Port Call File Number (PCFN) and the last two (2) digits are the year.

B103	373		O	DT	8/8	Must use
------	-----	--	---	----	-----	----------

DoD Definition: [2-03] Reservation Action Date

Enter Date applicable to the Reservation Action in the B104, Reservation actions include: New (Created), Change (Updated) or Reinstatement, expressed as CCYYMMDD

B104	558		O	ID	1/1	Must use
------	-----	--	---	----	-----	----------

DoD Definition: [2-04] Reservation Action Code

Use code 'B' (Reinstatement) to reinstate a booking. A Transaction Set (TS) 303 (Booking Cancellation) with Reservation Action Code (B104) of 'D' (Cancel) or 'R' (Delete) will precede a TS 300 with a Reservation Actions Code 'B'.

Use code value 'U' (Change) AFTER an Ocean Carrier receives an initial TS 300 offering using a code value 'N' (New). Examples follow.

Example 1: (Cargo Offering Increase). An initial offering was for ten (10) containers of cargo. The Ocean Carrier transmits a TS 301 (Confirmation) for all ten (10) containers. A Shipper then needs to increase the offering from ten (10) to fifteen (15) containers. The booking is updated, and IBS will transmit another TS 300 using the code value 'U'. The number of containers on the TS 300 will be the total number of containers, which is fifteen (15). The Ocean Carrier can then send back a TS 301, accepting the fifteen (15) or rejecting the additional five (5) containers, since they have already accepted the original ten (10).

Example 2: (Cargo Offering Decrease). If an Ocean Carrier has accepted an initial TS 300 for ten (10) containers of cargo and the Shipper needs to decrease that offer by six (6) containers, IBS will be updated with the decrease. A TS 300 with a code value 'U', indicating that only four (4) containers are being offered, will be transmitted to the carrier. The Ocean Carrier can send a TS 301 to either accept only those four (4) containers or reject the booking.

Code Name

B **DoD Definition:**
[2-04] Conditional Acceptance
Use 'B' to denote Reinstatement

N **DoD Definition:**

<u>Code</u>	<u>Name</u>
	<i>[2-04] New</i>
U	DoD Definition: <i>[2-04] Change</i>

G61

Pos: 0250	Max: 3
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

DoD Segment Definition:

[3] G61 SEGMENT - Booking Contact Information
 SEGMENT CONDITION: Use when Booking Contact Information applies

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6101	366		M	ID	2/2	Used

DoD Definition: [3-01] Contact Function Code

Code Name

IC **DoD Definition:**
 [3-01] Information Contact
 Use 'IC' to denote Booking Contact

G6102	93		M	AN	1/60	Used
-------	----	--	---	----	------	------

DoD Definition: [3-02] Name
 Enter the Booking Officer's Name.

G6103	365		X	ID	2/2	Used
-------	-----	--	---	----	-----	------

DoD Definition: [3-03] Communication Number Qualifier

Code Name

EM **DoD Definition:**
 [3-03] Electronic Mail

TE **DoD Definition:**
 [3-03] Telephone

G6104	364		X	AN	1/2048	Used
-------	-----	--	---	----	--------	------

DoD Definition: [3-04] Communication Number
 Enter the Booking Officer's Telephone Number when G6103 = 'TE'. Enter the Booking Officer's Electronic Mail (e-mail) address when G6103 = 'EM'

Y1

Pos: 0500	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Used

Syntax Rules:

1. P0209 - If either Y102 or Y109 is present, then the other is required.

DoD Segment Definition:

[4] Y1 SEGMENT - Sailing Date

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Y101	135		O	DT	8/8	Must use

DoD Definition: [4-01] Sailing Date Estimated

Enter the date the vessel is scheduled to depart, the vessel sailing date.

Y102	373		X	DT	8/8	Must use
------	-----	--	---	----	-----	----------

DoD Definition: [4-02] Available Date

The date the cargo is available for pickup or receipt at load port.

Y104	91		O	ID	1/2	Used
------	----	--	---	----	-----	------

DoD Definition: [4-04] Transportation Method/Type Code

ELEMENT CONDITION: Use for both Breakbulk and Containers.

Code Name

O **DoD Definition:**
[4-04] Containerized Ocean

BB **DoD Definition:**
[4-04] Breakbulk Ocean

Y109	374		X	ID	3/3	Must use
------	-----	--	---	----	-----	----------

DoD Definition: [4-09] Date/Time Qualifier

Code Name

169 **DoD Definition:**
[4-09] Product Availability Date
Use '169' to denote Cargo Availability Date

Loop

Pos: 0600	Repeat: 10
Optional	
Loop: Y2	Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0600	Y2		O	1		Used
0650	W09		O	1		Used

Y2

Pos: 0600	Max: 1
Heading - Optional	
Loop: Y2	Elements: 5

User Option (Usage): Used

DoD Segment Definition:

[5] Y2 SEGMENT - Container Information
 SEGMENT CONDITION: Mandatory if Containerized move. Do not use for BreakBulk.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Y201	95		M	N0	1/4	Used

DoD Definition: [5-01] Number of Containers
 This segment is only to be used for Containers and should not be used if booking is for Breakbulk. Number of containers in the booking.

Y202	78		O	ID	1/1	Used
------	----	--	---	----	-----	------

DoD Definition: [5-02] Container Type Request Code
 ELEMENT CONDITION: Only used for CONTAINERIZED cargo.

Code Name

C	DoD Definition: [5-02] Containers with Chassis
W	DoD Definition: [5-02] Chassis Only

Y204	24		M	ID	4/4	Used
------	----	--	---	----	-----	------

DoD Definition: [5-04] Equipment Type
 Enter the appropriate ISO Standard Codes. If no ISO code exists, then enter 'ZZZZ', as a place holder. The source for these codes is the Identification Marking Code For Freight Containers (ISO 6346-1995). It can be obtained from the American National Standards Institute.

Y208	464		O	ID	3/3	Used
------	-----	--	---	----	-----	------

DoD Definition: [5-08] Container Terms Code
 In the Y208, DE464 at index [5-08] change the implementation note to read: "These are the conveyance service codes, TCN positions 15-17, as described in Code Source 350, Defense Transportation Regulation (DTR), 4500.9-R-Part II, Appendix L. This manual can be obtained from the United States Transportation Command web site at <http://www.transcom.mil/dtr/index.cfm>.

Y209	465		O	ID	1/1	Used
------	-----	--	---	----	-----	------

DoD Definition: [5-09] Container Terms Code Qualifier

Code Name

I	DoD Definition: [5-09] Military Standard Transportation and Movement Procedures (MILSTAMP)
---	------------------------------------------------------------------------------------------------------

W09

Pos: 0650	Max: 1
Heading - Optional	
Loop: Y2	Elements: 5

User Option (Usage): Used

Syntax Rules:

1. P0203 - If either W0902 or W0903 is present, then the other is required.
2. P0405 - If either W0904 or W0905 is present, then the other is required.

DoD Segment Definition:

[6] W09 SEGMENT - Temperature Data

SEGMENT CONDITION: Use this segment only when H301 = 'RPD' (meaning that two temperature settings within a container are required) and L503 = 11X (Dual Temp (Chill/Freeze) Reefer Cargo). If specifying only one temperature setting, use the W09 segment at Table 1, Position 1500.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0901	40		M	ID	2/2	Used

DoD Definition: [6-01] Equipment Description Code

Code Name

DT DoD Definition:
[6-01] Drop Back Trailer
Use 'DT' to denote Dual Temperature

W0902	408		X	R	1/4	Must use
-------	-----	--	---	---	-----	----------

DoD Definition: [6-02] Temperature

Value representing the Chill temperature.

W0903	355		X	ID	2/2	Must use
-------	-----	--	---	----	-----	----------

DoD Definition: [6-03] Unit or Basis for Measurement Code

Code Name

FA DoD Definition:
[6-03] Fahrenheit

W0904	408		X	R	1/4	Used
-------	-----	--	---	---	-----	------

DoD Definition: [6-04] Temperature

Value representing the Freeze temperature.

W0905	355		X	ID	2/2	Used
-------	-----	--	---	----	-----	------

DoD Definition: [6-05] Unit or Basis for Measurement Code

Code Name

FA DoD Definition:
[6-05] Fahrenheit

N9

Pos: 0690	Max: 100
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.

DoD Segment Definition:

[7] N9 SEGMENT - Reference Identification

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128		M	ID	2/3	Used

DoD Definition: [7-01] Reference Identification Qualifier

Code Name

2E	DoD Definition: [7-01] Foreign Military Sales Case Number Use '2E' to denote Foreign Military Sales Case
3X	DoD Definition: [7-01] Subcontract Number
91	DoD Definition: [7-01] Cost Element Use '91' to denote Total Cost
CE	DoD Definition: [7-01] Class of Contract Code Use 'CE' to denote Vessel Status
CT	DoD Definition: [7-01] Contract Number Use 'CT' to denote Contract Number for rating purposes (MILSTAMP).
KL	DoD Definition: [7-01] Contract Reference Use 'KL' to denote Contract Type for rating purposes (MILSTAMP)
P4	DoD Definition: [7-01] Project Code
QN	DoD Definition: [7-01] Stop Sequence Number Use 'QN' to denote Total Number of Stop-Offs and Mini Stop-Offs
TH	DoD Definition: [7-01] Transportation Account Code (TAC)
TR	DoD Definition: [7-01] Government Transportation Request Use 'TR' to denote Movement Type
V3	DoD Definition: [7-01] Voyage Number Use 'V3' to denote DOD Voyage Document Number

Loop

Pos: 0800 Repeat: 99
 Mandatory
 Loop: N1 Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0800	N1		M	1		Used
1000	N3		O	2		Used
1100	N4		O	1		Used
1200	G61		O	3		Used

N1

Pos: 0800	Max: 1
Heading - Mandatory	
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.

DoD Segment Definition:

[8] N1 SEGMENT - Activity Identification

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98		M	ID	2/3	Used

DoD Definition: [8-01] Activity Identifier Code

Code Name

AE	DoD Definition: [8-01] Additional Delivery Address Use 'AE' to denote Stop Off
CI	DoD Definition: [8-01] Consignor Use 'CI' to denote Requestor
CN	DoD Definition: [8-01] Consignee
SH	DoD Definition: [8-01] Shipper Use 'SH' to denote Entity who has the cargo
TC	DoD Definition: [8-01] Tool Source Use 'TC' to denote Theater Consolidation Shipping Point (TCSB)

N102	93		X	AN	1/60	Used
------	----	--	---	----	------	------

DoD Definition: [8-02] Name

When "AE" is used in the N101, enter the DODAAC for a Stop-Off

N103	66		X	ID	1/2	Used
------	----	--	---	----	-----	------

DoD Definition: [8-03] Location Code Qualifier

ELEMENT CONDITION: Must appear if there will be no entry in N102 - Name

Code Name

10	DoD Definition: [8-03] Department of Defense Activity Address Code (DODAAC)
16	DoD Definition: [8-03] ZIP Code
29	DoD Definition: [8-03] Grid Location and Facility Code Use '29' to denote Latitude/Longitude

N3

Pos: 1000	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

DoD Segment Definition:

[9] N3 SEGMENT - Address Information

If the address is longer than 55 characters, it will roll over into N302.

SEGMENT CONDITION: Use this segment only when the entry in the N101 for this loop is "CN" or "SH". Use only for Shipper or consignee address. Use N3 segment to convey non-parsed (free-form text) address information. If parsed information is available, convey in N4 - Address Information segment.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166		M	AN	1/55	Used

DoD Definition: [9-01] Address Information

N302	166		O	AN	1/55	Used
------	-----	--	---	----	------	------

DoD Definition: [9-02] Address Information

N4

Pos: 1100	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.
2. C0704 - If N407 is present, then N404 is required.
3. E0207 - Only one of N402 or N407 may be present.
4. E0308 - Only one of N403 or N408 may be present.

DoD Segment Definition:

[10] N4 SEGMENT - Geographic Location

SEGMENT CONDITION: Use this segment only when the entry in the N101 for this loop is 'CN' or 'SH'.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19		O	AN	2/30	Must use
DoD Definition: [10-01] City Name						
N402	156		X	ID	2/2	Used
DoD Definition: [10-02] State or Province Code						
SOURCE: U.S. Postal Service or Canada Post or Bureau of Transportation Statistics						
N403	116		X	ID	3/15	Used
DoD Definition: [10-03] Postal Code						
SOURCE: National ZIP Code and Post Office Directory, Publication 65 The USPS Domestic Mail Manual available from U.S Postal Service; Universal Postal Union Website available from International Bureau of the Universal Postal Union http://www.upu.int/post_code/en/postcodes.html						
N404	26		X	ID	2/3	Used
DoD Definition: [10-04] Country 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.						

G61

Pos: 1200	Max: 3
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

DoD Segment Definition:

[11] G61 SEGMENT - Shipper POC Information
 SEGMENT CONDITION: Use to convey POC as required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6101	366		M	ID	2/2	Used

DoD Definition: [11-01] Contact Code

Code Name

DI	DoD Definition: [11-01] Delivery Instructions Contact Use 'DI' to denote Consignee (use when N101 = CN)
OC	DoD Definition: [11-01] Order Contact
RQ	DoD Definition: [11-01] Requestor Use 'RQ' to denote Consignor
SH	DoD Definition: [11-01] Shipper Contact Use 'SH' to denote Shipper Contact (use when N101 = SH)

G6102	93		M	AN	1/60	Used
-------	----	--	---	----	------	------

DoD Definition: [11-02] Name

Enter the POC name.

G6103	365		X	ID	2/2	Used
-------	-----	--	---	----	-----	------

DoD Definition: [11-03] Communication Number Qualifier

Code Name

EM	DoD Definition: [11-03] Electronic Mail
TE	DoD Definition: [11-03] Telephone

G6104	364		X	AN	1/2048	Used
-------	-----	--	---	----	--------	------

DoD Definition: [11-04] Communication Number

Enter the telephone number when G6103 = 'TE'. Enter the electronic mail (e-mail) address when G6103 = 'EM'.

Loop

Pos: 1300	Repeat: 20
Mandatory	
Loop: R4	Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1300	R4		M	1		Used
1400	DTM		O	15		Used

R4

Pos: 1300	Max: 1
Heading - Mandatory	
Loop: R4	Elements: 4

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

[12] R4 SEGMENT - Port Information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
R401	115		M	ID	1/1	Used

DoD Definition: [12-01] Port or Terminal Function Code

Always send code values 'J' and 'K'.

Code Name

J	DoD Definition: [12-01] Bill of Lading Port of Loading (Contractual) Use 'J' to denote Place at which cargo is loaded on board the means of transport
K	DoD Definition: [12-01] Bill of Lading Port of Discharge (Contractual) Use 'K' to denote Place at which cargo is discharged from means of transport

R402	309		X	ID	1/2	Must use
------	-----	--	---	----	-----	----------

DoD Definition: [12-02] Location Qualifier

Use of DoD Water Port Codes as found in USTRanscom Reference Data Management (TRDM), mirrored at <https://trdmws.maf.ustranscom.mil/trdm/index.html#/TRDM/home> is preferred.

Code Name

D	DoD Definition: [12-02] Census Schedule D
K	DoD Definition: [12-02] Census Schedule K
IM	DoD Definition: [12-02] Military Standard Movement Procedures (MILSTAMP) Use 'IM' to denote DoD Water Port Code

R403	310		X	AN	1/30	Must use
------	-----	--	---	----	------	----------

DoD Definition: [12-03] Location Identifier

DoD Water Port Codes are three (3) characters in length

*** DoD Water Port Code is the PREFERRED Value***

Schedule D (Domestic) ports are four (4) characters in length

Schedule K (International) ports are five (5) characters in length

R404	114		O	AN	2/24	Must use
------	-----	--	---	----	------	----------

DoD Definition: [12-04] Port Name

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>Restrict Port Names to SEAPORT_SHRT_PORT_NM as found in USTRANSCOM Reference Data Management (TRDM),</i>				
		<i>mirrored at https://trdmws.maf.ustranscom.mil/trdm/index.html#/TRDM/home is preferred.</i>				

DTM

Pos: 1400	Max: 15
Heading - Optional	
Loop: R4	Elements: 2

User Option (Usage): Used

Syntax Rules:

1. C0403 - If DTM04 is present, then DTM03 is required.
2. P0506 - If either DTM05 or DTM06 is present, then the other is required.
3. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

DoD Segment Definition:

[13] DTM SEGMENT - Delivery Date
 SEGMENT CONDITION: The Required Delivery Date occurs only for the Port of discharge (R401 contains code value 'K')

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374		M	ID	3/3	Used

DoD Definition: [13-01] Delivery Date Qualifier
 To specify pertinent dates and times

Code Name

996 **DoD Definition:**
 [13-01] Required Delivery
 Use '996' to denote Required Delivery Date (RDD)

DTM02	373		X	DT	8/8	Must use
-------	-----	--	---	----	-----	----------

DoD Definition: [13-02] Required Delivery Date
 Enter Required Delivery Date (RDD).

W09

Pos: 1500	Max: 1
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

Syntax Rules:

1. P0203 - If either W0902 or W0903 is present, then the other is required.
2. P0405 - If either W0904 or W0905 is present, then the other is required.

DoD Segment Definition:

[14] W09 SEGMENT - Temperature Data
 SEGMENT CONDITION: To be used with reefers.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
W0901	40		M	ID	2/2	Used

DoD Definition: [14-01] Equipment Description Code

Code Name

CZ **DoD Definition:**
 [14-01] Refrigerated Container

W0902	408		X	R	1/4	Must use
-------	-----	--	---	---	-----	----------

DoD Definition: [14-02] Required Set Temperature

Enter the Required Minimum Set Temperature.

W0903	355		X	ID	2/2	Must use
-------	-----	--	---	----	-----	----------

DoD Definition: [14-03] Unit or Basis for Measurement Code

Code Name

FA **DoD Definition:**
 [14-03] Fahrenheit

W0906	3		O	AN	1/60	Used
-------	---	--	---	----	------	------

DoD Definition: [14-06] Temperature Variance

Enter the Variance (Temperature Range) based on the Required Set Temperature preceded by a plus (+) or minus (-) sign. Example +2_-2

H3

Pos: 1600	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.

DoD Segment Definition:

[15] H3 SEGMENT - Special Handling Exceptions

SEGMENT CONDITION: Only use this segment when Special Handling cost is equal to "0" (zero) or a code does not exist. Use H301 or H302 as applicable but not both.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
H301	152		X	ID	2/3	Used

DoD Definition: [15-01] Special Handling Code

ELEMENT CONDITION: Only use when cost is equal to "0" (zero). Do not use if H302 is being used.

Code Name

15	DoD Definition: [15-01] Speed Restricted to 15 Miles per Hour Use '15' to denote 100,000 lb Crane Service
25	DoD Definition: [15-01] Speed Restricted to 25 Miles per Hour Use '25' to denote 200,000 lb Crane Service
35	DoD Definition: [15-01] Speed Restricted to 35 Miles per Hour Use '35' to denote 300,000 lb Crane Service
AT	DoD Definition: [15-01] Attachment to Move with Car Use 'AT' to denote Afghanistan Rail Accessorial
AV	DoD Definition: [15-01] Annual Volume Use 'AV' to denote Tank Container
BA	DoD Definition: [15-01] Clearinghouse Balance Use 'BA' to denote Outer Routing Torkham
BW	DoD Definition: [15-01] Bill Shipper for Weigh Charge Use 'BW' to denote Live Unload
CH	DoD Definition: [15-01] Carrier Use 'CH' to denote 48 Foot Container Differential
DA	DoD Definition: [15-01] Dangerous
DM	DoD Definition: [15-01] Domestic

Code	Name
	<i>Use 'DM' to denote Refrigerated Container Maintenance (With Power)</i>
DR	DoD Definition: <i>[15-01] Drop Yard</i> <i>Use 'DR' to denote Drop and Pick Up</i>
DV	DoD Definition: <i>[15-01] Equipment</i> <i>Use 'DV' to denote Nuclear Liability Insurance</i>
FB	DoD Definition: <i>[15-01] Tank Container Clean and Empty</i>
FR	DoD Definition: <i>[15-01] Fragile - Handle with Care</i> <i>Use 'FR' to denote Customs & Border Clearance Authority (CBCA) Handling Aqaba</i>
GI	DoD Definition: <i>[15-01] Grain Inspection</i> <i>Use 'GI' to denote Expedited Linehaul to POE</i>
HE	DoD Definition: <i>[15-01] Head End Car</i> <i>Use 'HE' to denote Hazardous Surcharge Destination</i>
HO	DoD Definition: <i>[15-01] Hold for Orders</i> <i>Use 'HO' to denote Hazardous Surcharge Origin</i>
LD	DoD Definition: <i>[15-01] Loading Devices</i> <i>Use 'LD' to denote Transloading/Material Handling Equipment (MHE) Support</i>
MP	DoD Definition: <i>[15-01] Multiple Pickup</i> <i>Use 'MP' to denote Drop and Pick - Round Robin (Per booking)</i>
NI	DoD Definition: <i>[15-01] New Equipment First Transborder Movement</i> <i>Use 'NI' to denote Customs & Border Clearance Authority (CBCA) Handling Jebel Ali</i>
PS	DoD Definition: <i>[15-01] Product Protection Service</i> <i>Use 'PS' to denote 3D Inspection (Disinfestation, Disinsection, Disinfection, and Sanitation)</i>
RT	DoD Definition: <i>[15-01] Record for Transit</i> <i>Use 'RT' to denote Protective Weapon Service</i>
SD	DoD Definition: <i>[15-01] Subject to Special Detention Rules/Charges</i>
TS	DoD Definition: <i>[15-01] Transit Shipment</i> <i>Use 'TS' to denote Mini Stop-Offs (CONUS)</i>
TT	DoD Definition: <i>[15-01] Team Track Delivery</i> <i>Use 'TT' to denote Expedited Origin Linehaul (base charge > 599 miles)</i>
TV	DoD Definition: <i>[15-01] Time Volume Rates Only</i> <i>Use 'TV' to denote Expedited Origin Linehaul (ad'll charge > 599 miles)</i>

Code	Name
XP	DoD Definition: [15-01] Export Use 'XP' to denote An Accessorial Export Border Clearance Service will be Applied for Break Bulk and Container Cargo Originating from Afghanistan to Pakistan for Export via Karachi, Pakistan
045	DoD Definition: [15-01] Advanced Fee Use '045' to denote Over Height - Continental Europe
075	DoD Definition: [15-01] 75% Ocean Differential - 20 From 40
085	DoD Definition: [15-01] 85% Inland Differential - 20 From 40
170	DoD Definition: [15-01] Certificate of Origin Use '170' to denote Over Height - Iraq
510	DoD Definition: [15-01] Offshore - Alaska/Hawaii Service Use '510' to denote Over Height - Jordan
555	DoD Definition: [15-01] Preparation of Canadian Customs Invoice Use '555' to denote Agricultural Clearance
565	DoD Definition: [15-01] Preparation of Export Entry Use '565' to denote Over Height - Kuwait
A1M	DoD Definition: [15-01] Aggregate 1000 Use 'A1M' to denote Enhanced ITV - GEN II - Door
A3M	DoD Definition: [15-01] Aggregate 3000 Use 'A3M' to denote Enhanced ITV - GEN II - Port
A5M	DoD Definition: [15-01] Aggregate 5000 Use 'A5M' to denote Over Height Surcharge - United Arab Emirate
AFN	DoD Definition: [15-01] Air Craft Furnished and Not Used Use 'AFN' to denote Aircraft Handling/Air Terminal Services
AGG	DoD Definition: [15-01] Aggregate Tender Discount Use 'AGG' to denote Live Load
APD	DoD Definition: [15-01] Additional Copy of Shipping Papers for Proof of Delivery Use 'APD' to denote Scanning is to describe the action of scanning the cargo as it relates to security procedures. This accessorial also has a price scheme associated with it. DEFINITION UPDATE DM 1212
APL	DoD Definition: [15-01] Appliance Servicing
ARG	DoD Definition: [15-01] Rail Armed Guard Service Use 'ARG' to denote High Risk Waters Armed Security

Code	Name
ARR	DoD Definition: [15-01] Air Ride Tractor Service Use 'ARR' to denote Port Arbitrary
BCP	DoD Definition: [15-01] Bypass Consolidation Point Use 'BCP' to denote Import Border Clearance
BAK	DoD Definition: [15-01] Bulky Article Use 'BAK' to denote Unusual Size Differential
BNS	DoD Definition: [15-01] Bolster Load, Do Not Switch Use 'BNS' to denote 45 Foot Container Differential
BU2	DoD Definition: [15-01] Bunker Adjustment - 20 Foot Container
BU4	DoD Definition: [15-01] Bunker Adjustment - 40 Foot Container
BUA	DoD Definition: [15-01] Bunker Adjustment
CA2	DoD Definition: [15-01] Currency Adjustment - 20 Foot Container
CA4	DoD Definition: [15-01] Currency Adjustment - 40 Foot Container
CCH	DoD Definition: [15-01] Certification Use 'CCH' to denote Enhanced ITV - GEN I
CFC	DoD Definition: [15-01] Customs Fees - Container Level Use 'CFC' to denote Cargo Clearance Import
CFL	DoD Definition: [15-01] Customs Fees - Lift Level
CGT	DoD Definition: [15-01] Cargo Taxes Use 'CGT' to denote Tax Authority Clearance (TA)
CLN	DoD Definition: [15-01] Cleaning Use 'CLN' to denote Rinsing
CLS	DoD Definition: [15-01] Class Rates Applied Use 'CLS' to denote 53 Foot Container Differential
COR	DoD Definition: [15-01] Certification That the Newsprint Winding Cores Being Returned Empty Were Received Filled by Rail Freight Service Use 'COR' to denote Outer Routing - KUT
CPC	DoD Definition: [15-01] Copilot Service Use 'CPC' to denote Expedited Origin Linehaul (up to 199 miles)
CRL	DoD Definition: [15-01] Container Lease

Code	Name
CTL	DoD Definition: <i>[15-01] Controlled Atmosphere</i>
CTM	DoD Definition: <i>[15-01] Container Mounting</i> <i>Use 'CTM' to denote Outer Routing - KKT</i>
CTR	DoD Definition: <i>[15-01] Circuitous Routing</i> <i>Use 'CTR' to denote Outer Routing - Chaman</i>
CUF	DoD Definition: <i>[15-01] Currency Adjustment - Break Bulk</i> <i>Use 'CUF' to denote Currency Adjustment</i>
DDZ	DoD Definition: <i>[15-01] Drayage at Port of Debarkation (Rate Zone)</i>
DEZ	DoD Definition: <i>[15-01] Drayage at Port of Embarkation (Rate Zone)</i>
DFD	DoD Definition: <i>[15-01] Keep From Freezing Percent Differential</i>
DLP	DoD Definition: <i>[15-01] Delivery of Fuel From Rail Tank Car to Pipeline</i> <i>Use 'DLP' to denote Fuel Adjustment Factor (FAF)</i>
DLR	DoD Definition: <i>[15-01] Notify Shipper Immediately if Shipment is Delayed en Route</i> <i>Use 'DLR' to denote Daily In-Transit Visibility Origin</i>
DNC	DoD Definition: <i>[15-01] Do Not Couple to Other Diaphragmed Cars</i> <i>Use 'DNC' to denote Daily In-transit Visibility Destination</i>
DOV	DoD Definition: <i>[15-01] Container Diversion</i>
DPD	DoD Definition: <i>[15-01] Drayage at Port of Debarkation</i>
DPE	DoD Definition: <i>[15-01] Drayage at Port of Embarkation</i>
DRU	DoD Definition: <i>[15-01] Drumming Service</i> <i>Use 'DRU' to denote Tarping at Origin</i>
DSR	DoD Definition: <i>[15-01] Dromedary Service Requested</i> <i>Use 'DSR' to denote Flatrack Tie-Down</i>
ERT	DoD Definition: <i>[15-01] Satisfactory Service Standards</i> <i>Use 'ERT' to denote Refrigerated Container Maintenance (Without Power)</i>
EXD	DoD Definition: <i>[15-01] Extra Driver</i>
EXL	DoD Definition: <i>[15-01] Extra Length Surcharge</i> <i>Use 'EXL' to denote Container/Trailer Over-length Surcharge</i>
EXQ	DoD Definition:

Code	Name
	<i>[15-01] Expedited Service Use 'EXQ' to denote Expediate Delivery</i>
EXU	DoD Definition: <i>[15-01] Exclusive Use of Vehicle Damaged Use 'EXU' to denote Cargo Handling Import</i>
EXZ	DoD Definition: <i>[15-01] Expand Remove and Install Use 'EXZ' to denote Cargo Clearance Export</i>
EZE	DoD Definition: <i>[15-01] Roadway Easy Rates Applied Use 'EZE' to denote Enhanced Physical Security</i>
FAK	DoD Definition: <i>[15-01] Barge Freight All Kinds Service</i>
FFC	DoD Definition: <i>[15-01] Fuel Filters Furnished by Carrier Use 'FFC' to denote Security Convoy</i>
FLS	DoD Definition: <i>[15-01] Flatrack Surcharge</i>
GMS	DoD Definition: <i>[15-01] Garment Surcharge</i>
GOC	DoD Definition: <i>[15-01] Empty Government Owned Container</i>
GSS	DoD Definition: <i>[15-01] Greater Security Service</i>
HAN	DoD Definition: <i>[15-01] Handling</i>
HMA	DoD Definition: <i>[15-01] Accessible Hazardous Material Use 'HMA' to denote Railcar Inspection</i>
HZC	DoD Definition: <i>[15-01] Hazardous Materials Surcharge Use 'HZC' to denote Ammunition Line Haul Service</i>
HZD	DoD Definition: <i>[15-01] Hazardous Cargo On Deck</i>
IIH	DoD Definition: <i>[15-01] Icing Inhibitor Service Use 'IIH' to denote Side-load Chassis</i>
JLX	DoD Definition: <i>[15-01] Joint Line Exception Use 'JLX' to denote ACR 40FT DRY (BAGRAM)</i>
KMD	DoD Definition: <i>[15-01] Keep Material Dry Use 'KMD' to denote Dry Container Trucking</i>
LC2	DoD Definition: <i>[15-01] Land Currency Adjustment Factor - 20 Foot Container Use 'LC2' to denote Interior Washing - Interior washing for vehicles on flat racks</i>
LC4	DoD Definition: <i>[15-01] Land Currency Adjustment - 40 Foot Container</i>

Code	Name
	<i>Use 'LC4' to denote Outer Routing on KKT-TSR - Northern Distribution Network (NDN) routing</i>
LCL	DoD Definition: <i>[15-01] Percent Differential - Less Than Container</i>
LEC	DoD Definition: <i>[15-01] Less Than Container</i>
LFD	DoD Definition: <i>[15-01] Linehaul from Port of Debarkation</i>
LMD	DoD Definition: <i>[15-01] Liner Terms at Port of Debarkation</i>
LME	DoD Definition: <i>[15-01] Liner Terms at Port of Embarkation</i>
LPD	DoD Definition: <i>[15-01] Linehaul Percent Differential</i>
LTE	DoD Definition: <i>[15-01] Linehaul To Port of Embarkation</i>
MAT	DoD Definition: <i>[15-01] Modified Atmosphere</i>
MES	DoD Definition: <i>[15-01] Escort</i> <i>Use 'MES' to denote Escort/Supercargo</i>
OCN	DoD Definition: <i>[15-01] Over Height Container</i>
OCS	DoD Definition: <i>[15-01] Completing Shipment</i> <i>Use 'OCS' to denote Requirement for a Complete Washing to Comply with USDA Regulations</i>
OFU	DoD Definition: <i>[15-01] Tank Container Clean and Empty</i>
OHC	DoD Definition: <i>[15-01] Harmless</i> <i>Use 'OHC' to denote Overheight Surcharge Afghanistan</i>
OOD	DoD Definition: <i>[15-01] On Deck Stowage</i>
OSB	DoD Definition: <i>[15-01] Stow Below Deck</i>
OTC	DoD Definition: <i>[15-01] Temperature Control</i> <i>Use 'OTC' to denote Dual Temperature Reefer Service</i>
OVR	DoD Definition: <i>[15-01] Overflow</i> <i>Use 'OVR' to denote Overweight 70000 For Break Bulk Only</i>
OWC	DoD Definition: <i>[15-01] Over Width Container</i>
OWR	DoD Definition: <i>[15-01] One Way Rates Applied</i> <i>Use 'OWR' to denote Overweight 44000 For Break Bulk Only</i>

Code	Name
PMR	DoD Definition: <i>[15-01] Expedited Delivery - Additional Mile Over 599</i>
PRT	DoD Definition: <i>[15-01] Stuffing Charge</i>
PTS	DoD Definition: <i>[15-01] Protective Tarp For Security Purposes Use 'PTS' to denote Tarping at Destination</i>
PUK	DoD Definition: <i>[15-01] Pack and Unpack Use 'PUK' to denote Crating</i>
PVP	DoD Definition: <i>[15-01] Private Owned Vehicle Processing</i>
RDH	DoD Definition: <i>[15-01] Railhead Handling</i>
REP	DoD Definition: <i>[15-01] Respotting</i>
RFM	DoD Definition: <i>[15-01] Reefer Maintenance</i>
RPD	DoD Definition: <i>[15-01] Reefer Cargo Percent Differential Use 'RPD' to denote Percentage Differential Accessorial for Refrigerated Cargo</i>
RRR	DoD Definition: <i>[15-01] Round Trip Service Use 'RRR' to denote Genset Rental</i>
SEC	DoD Definition: <i>[15-01] Special Equipment Charge Use 'SEC' to denote Open-Top Surcharge when an Open Top Container (Van Type Code is '4') is ordered</i>
SER	DoD Definition: <i>[15-01] Service Charge Applies Use 'SER' to denote Service Charge Applies/Guam Fee for Fruits and Vegetables</i>
SFB	DoD Definition: <i>[15-01] Single Factor Origination/Destination</i>
SFD	DoD Definition: <i>[15-01] Single Factor Origination/Port of Debarkation</i>
SFE	DoD Definition: <i>[15-01] Single Factor Port of Embarkation/Destination</i>
SLC	DoD Definition: <i>[15-01] Shipper Load and Count Use 'SLC' to denote Superload</i>
SOC	DoD Definition: <i>[15-01] Stop-off Use 'SOC' to denote Mini Stop-Off (OCONUS)</i>
SPC	DoD Definition: <i>[15-01] Special Permit Use 'SPC' to denote Small Arms Ammunition</i>
SSC	DoD Definition:

Code	Name
	<i>[15-01] Stripping, Sorting & Consolidation Use 'SSC' to denote Stripping</i>
SSN	DoD Definition: <i>[15-01] Substitute Service Not to be Used Use 'SSN' to denote Origin Special Services - Afghanistan</i>
SSU	DoD Definition: <i>[15-01] Pole Lashing Equipment (PLE) Surcharge</i>
STA	DoD Definition: <i>[15-01] Conductivity/Anti-static Additive Use 'STA' to denote Expedited Origin Linehaul (200 miles to 400 miles)</i>
STD	DoD Definition: <i>[15-01] Stop-off at Destination Use 'STD' to denote OCONUS Stop-off</i>
STO	DoD Definition: <i>[15-01] Stowage</i>
STP	DoD Definition: <i>[15-01] Stop-off at Origination Use 'STP' to denote CONUS Stop-off</i>
TER	DoD Definition: <i>[15-01] Terminal Handling Charges</i>
TRM	DoD Definition: <i>[15-01] Termination Use 'TRM' to denote Transloading Destination</i>
TRN	DoD Definition: <i>[15-01] Transfer Product Use 'TRN' to denote Transloading Origin</i>
TRS	DoD Definition: <i>[15-01] Trade Show Use 'TRS' to denote Expedited Origin Linehaul (401 miles to 599 miles)</i>
VCL	DoD Definition: <i>[15-01] Van Cleaning Use 'VCL' to denote Wash-Clean-Purge-Certified</i>
VIS	DoD Definition: <i>[15-01] Vehicles Inoperable</i>
VSO	DoD Definition: <i>[15-01] Stop-off Delivery of Personal Vehicles Use 'VSO' to denote Veterinarian Inspectable</i>
WBB	DoD Definition: <i>[15-01] Wharfage - Breakbulk</i>
WCT	DoD Definition: <i>[15-01] Wharfage - Container</i>
WFG	DoD Definition: <i>[15-01] Wharfage</i>
WRB	DoD Definition: <i>[15-01] War Risk Crew Bonus</i>
WRI	DoD Definition: <i>[15-01] War Risk Insurance</i>

Loop

Pos: 0100 Repeat: 999
 Mandatory
 Loop: LX Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	LX		M	1		Used
0200	N7		O	1		Used
0400	L0		O	1		Must use
0500	L5		O	1		Must use
0600	L4		O	1		Used
0650	L1		O	20		Used
0670	REF		O	1		Used
0700		Loop H1	O		10	Used

LX

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: LX	Elements: 1

User Option (Usage): Used

DoD Segment Definition:

*[16] LX SEGMENT - Breakbulk/Container Information Loop
One, and only one, TCN is permitted per LX loop. When booking breakbulk/containerized cargo the LX loop will be repeated for each Transportation Control Number (TCN).*

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LX01	554		M	N0	1/6	Used

DoD Definition: [16-01] Assigned Number

Assigned Number: When booking breakbulk/containerized cargo, assign numbers sequentially, i.e., 1,2,3,4, . . . , 999. Start with "1" and increment by one for each occurrence of the LX loop; limited to one TCN per LX loop.

N7

Pos: 0200	Max: 1
Detail - Optional	
Loop: LX	Elements: 5

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.

DoD Segment Definition:

[17] N7 SEGMENT - Equipment Description

SEGMENT CONDITION: Only used for CONTAINERIZED CARGO. Do NOT use for breakbulk cargo.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N701	206		O	AN	1/4	Used

DoD Definition: [17-01] Equipment Initial

SOURCE: Directory of Standard Carrier Alpha Codes (SCAC), NMF 101 Series available from National Motor Freight Traffic Association, Inc; Railroad Mark Register available from Director, Industry Reference Files Railinc/Association of American Railroads

N702	207		M	AN	1/15	Used
------	-----	--	---	----	------	------

DoD Definition: [17-02] Equipment Number

Because this data element is mandatory and the container number is not normally known at the time of booking, use zero (0).

N711	40		O	ID	2/2	Must use
------	----	--	---	----	-----	----------

DoD Definition: [17-11] Equipment Description Code

Code Name

AC	DoD Definition: [17-11] Closed Container
AT	DoD Definition: [17-11] Closed Container (Controlled Temperature)
BC	DoD Definition: [17-11] Covered Barge
BK	DoD Definition: [17-11] Container, Bulk
BO	DoD Definition: [17-11] Barge Open
BR	DoD Definition: [17-11] Barge
CC	DoD Definition: [17-11] Container resting on a Chassis
CG	DoD Definition: [17-11] Container, Tank (Gas)
CI	DoD Definition:

Code	Name
	<i>[17-11] Container, Insulated</i>
CJ	DoD Definition: <i>[17-11] Container, Insulated/Ventilated</i>
CL	DoD Definition: <i>[17-11] Container (Closed Top - Length Unspecified)</i>
CM	DoD Definition: <i>[17-11] Container, Open-Sided</i>
CN	DoD Definition: <i>[17-11] Container</i>
CQ	DoD Definition: <i>[17-11] Container, Tank (Food Grade-Liquid)</i>
CS	DoD Definition: <i>[17-11] Container-Low Side Open Top</i>
CU	DoD Definition: <i>[17-11] Container (Open Top - Length Unspecified)</i>
CV	DoD Definition: <i>[17-11] Closed Van</i>
CW	DoD Definition: <i>[17-11] Container, Tank (Chemicals)</i>
CX	DoD Definition: <i>[17-11] Container, Tank</i>
CZ	DoD Definition: <i>[17-11] Refrigerated Container</i>
DT	DoD Definition: <i>[17-11] Drop Back Trailer</i>
FH	DoD Definition: <i>[17-11] Flat Bed Trailer with Headboards</i>
FN	DoD Definition: <i>[17-11] Flat Bed Trailer with No Headboards</i>
FR	DoD Definition: <i>[17-11] Flat Bed Trailer - Removable Sides</i>
FT	DoD Definition: <i>[17-11] Flat Bed Trailer</i>
HB	DoD Definition: <i>[17-11] Container with Hangar Bars</i>
HV	DoD Definition: <i>[17-11] High Cube Van</i>
IX	DoD Definition: <i>[17-11] Boxcar (Insulated)</i>
LS	DoD Definition: <i>[17-11] Half Height Flat Rack</i>
OT	DoD Definition: <i>[17-11] Open-top/flatbed trailer</i>
OV	DoD Definition: <i>[17-11] Open Top Van</i>

Code	Name
PL	DoD Definition: <i>[17-11] Container, Platform</i>
RA	DoD Definition: <i>[17-11] Fixed-Rack, Flat-Bed Trailer</i>
RC	DoD Definition: <i>[17-11] Refrigerated (Reefer) Car</i>
RD	DoD Definition: <i>[17-11] Fixed-Rack, Double Drop Trailer</i>
RE	DoD Definition: <i>[17-11] Flat Car (End Bulkheads)</i>
RF	DoD Definition: <i>[17-11] Flat Car</i>
RR	DoD Definition: <i>[17-11] Rail Car</i>
RS	DoD Definition: <i>[17-11] Fixed-Rack, Single-Drop Trailer</i>
RT	DoD Definition: <i>[17-11] Controlled Temperature Trailer (Reefer)</i>
SD	DoD Definition: <i>[17-11] Single-Drop Trailer</i>
SL	DoD Definition: <i>[17-11] Container, Steel</i>
SS	DoD Definition: <i>[17-11] Container with Smooth Sides</i>
ST	DoD Definition: <i>[17-11] Removable Side Trailer</i>
TA	DoD Definition: <i>[17-11] Trailer, Heated/Insulated/Ventilated</i>
TC	DoD Definition: <i>[17-11] Trailer, Car</i>
TF	DoD Definition: <i>[17-11] Trailer, Dry Freight</i>
TI	DoD Definition: <i>[17-11] Trailer, Insulated</i>
TL	DoD Definition: <i>[17-11] Trailer (not otherwise specified)</i>
TM	DoD Definition: <i>[17-11] Trailer, Insulated/Ventilated</i>
TW	DoD Definition: <i>[17-11] Trailer, Refrigerated</i>
VA	DoD Definition: <i>[17-11] Container, Vented</i>

N715

567

O

NO

4/5

Must use

DoD Definition: *[17-15] Equipment Length*

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>Equipment length. Length (in feet and inches) of equipment ordered or used to transport shipment. (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11) - 2000 its a 20FT-Dry</i>				
N720	65		O	R	1/8	Used
		DoD Definition: <i>[17-20] Height</i>				
		<i>Vertical dimension of an object measured when the object is in the upright position. Expressed in inches.</i>				

L0

Pos: 0400	Max: 1
Detail - Optional	
Loop: LX	Elements: 8

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.

DoD Segment Definition:

[18] L0 SEGMENT - Weight/Volume/Pieces/Lading Quantity

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L001	213		O	N0	1/6	Must use
DoD Definition: <i>[18-01] Lading Line Item Number</i>						
<i>Sequential line number for a lading item. Should match the value from the LX01.</i>						
L004	81		X	R	1/10	Must use
DoD Definition: <i>[18-04] Weight</i>						
L005	187		X	ID	1/2	Must use
DoD Definition: <i>[18-05] Weight Qualifier</i>						
Code Name						
E		DoD Definition: <i>[18-05] Estimated Net Weight</i>				
L006	183		X	R	1/8	Used
DoD Definition: <i>[18-06] Volume</i>						
L007	184		X	ID	1/1	Used
DoD Definition: <i>[18-07] Volume Unit Qualifier</i>						
Code Name						
E		DoD Definition: <i>[18-07] Cubic Feet</i>				
L008	80		X	N0	1/7	Used
DoD Definition: <i>[18-08] Lading Quantity</i>						
<i>This is the number of Breakbulk pieces. For Containers, enter "1" (one); provide the actual value of the container content in the 315 as specified in the Shipping Instructions</i>						
L009	211		X	ID	3/3	Used
DoD Definition: <i>[18-09] Packaging Form Code</i>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>This Data Element is the qualifier for L008.</i>				
		Code				
		Name				
		PCS				
		DoD Definition:				
		<i>[18-09] Pieces</i>				
L011	188		X	ID	1/1	Used
		DoD Definition: <i>[18-11] Weight Unit Code</i>				
		Code				
		Name				
		K				
		DoD Definition:				
		<i>[18-11] Kilograms</i>				
		L				
		DoD Definition:				
		<i>[18-11] Pounds</i>				

L5

Pos: 0500	Max: 1
Detail - Optional	
Loop: LX	Elements: 5

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.

DoD Segment Definition:

[19] L5 SEGMENT - Commodity Description

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L501	213		O	NO	1/6	Must use

DoD Definition: [19-01] Lading Line Item Number

Sequential line number for a lading item. Should match the value from the LX01 and L001.

L502	79		O	AN	1/50	Used
------	----	--	---	----	------	------

DoD Definition: [19-02] Lading Description

This is a free form text describing the commodity code.

L503	22		X	AN	1/30	Must use
------	----	--	---	----	------	----------

DoD Definition: [19-03] Commodity Code

Enter the Commodity Code as found in the USTRANSCOM Reference Data Management (TRDM) mirrored at <https://trdmws.maf.ustranscom.mil/trdm/index.html#/TRDM/home>.

L504	23		X	ID	1/2	Must use
------	----	--	---	----	-----	----------

DoD Definition: [19-04] Commodity Code Qualifier

Code Name

I	DoD Definition: [19-04] Milstamp AITC or Water Commodity Code
---	-------------------------------------------------------------------------

L505	103		O	AN	3/5	Used
------	-----	--	---	----	-----	------

DoD Definition: [19-05] Packaging Code

The only allowable code values used with containerized bookings are 'CNT', 'SV2', 'ML2', and 'MS2'. Use all other code values with breakbulk.

Code Name

AMM	DoD Definition: [19-05] Ammo Pack
-----	---------------------------------------------

AMP	DoD Definition: [19-05] Ampoule
-----	-------------------------------------------

BAG	DoD Definition: [19-05] Bag
-----	---------------------------------------

BBL	DoD Definition: [19-05] Barrel
-----	------------------------------------------

Code	Name
BDL	DoD Definition: <i>[19-05] Bundle</i>
BOX	DoD Definition: <i>[19-05] Box</i>
CAN	DoD Definition: <i>[19-05] Can</i>
CNA	DoD Definition: <i>[19-05] Household Goods Container, Wood</i>
CNT	DoD Definition: <i>[19-05] Container</i>
CRT	DoD Definition: <i>[19-05] Crate</i>
CTN	DoD Definition: <i>[19-05] Carton</i>
CX2	DoD Definition: <i>[19-05] CONEX</i>
CYL	DoD Definition: <i>[19-05] Cylinder</i>
DBK	DoD Definition: <i>[19-05] Dry Bulk</i>
DRM	DoD Definition: <i>[19-05] Drum</i>
KEG	DoD Definition: <i>[19-05] Keg</i>
LBK	DoD Definition: <i>[19-05] Liquid Bulk</i>
ML2	DoD Definition: <i>[19-05] MILVAN</i>
MS2	DoD Definition: <i>[19-05] MSCVAN</i>
PCS	DoD Definition: <i>[19-05] Pieces</i>
PLT	DoD Definition: <i>[19-05] Pallet</i>
REL	DoD Definition: <i>[19-05] Reel</i>
SKD	DoD Definition: <i>[19-05] Skid</i>
SV2	DoD Definition: <i>[19-05] SEAVAN</i>
TNK	DoD Definition: <i>[19-05] Tank</i>
VEH	DoD Definition: <i>[19-05] Vehicles</i> <i>Use 'VEH' to denote Vehicles Inoperable (INOP)</i>

Code Name

WHE	DoD Definition:
	<i>[19-05] On Own Wheel Use 'WHE' to denote Self Propelled</i>

L4

Pos: 0600	Max: 1
Detail - Optional	
Loop: LX	Elements: 5

User Option (Usage): Used

DoD Segment Definition:

[20] L4 SEGMENT - Measurements
 SEGMENT CONDITION: Only use for Breakbulk cargo.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L401	82		M	R	1/8	Used
DoD Definition: [20-01] Length						
Expressed in inches						
L402	189		M	R	1/8	Used
DoD Definition: [20-02] Width						
Expressed in inches						
L403	65		M	R	1/8	Used
DoD Definition: [20-03] Height						
Expressed in inches						
L404	90		M	ID	1/1	Used
DoD Definition: [20-04] Measurement Unit Qualifier						
Code Name						
	N	DoD Definition:				
		[20-04] Inches				
L406	1271		O	AN	1/30	Used
DoD Definition: [20-06] Outsized Code						
Use 'O' to denote Outsized						
Code Name						
	O	DoD Definition:				
		[20-06] Outsized				

L1

Pos: 0650	Max: 20
Detail - Optional	
Loop: LX	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.

DoD Segment Definition:

[21] L1 SEGMENT - Rate and Charges

Only one of L108 or L112 may be present.

SEGMENT CONDITION: There will be 1 (one) L1 for every charge that is greater or less than 0 (zero). If the charge equals 0 (zero), the L1 will not be used.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L101	213		O	N0	1/6	Must use
DoD Definition: [21-01] Lading Line Item Number						
Assign counter sequentially (beginning with 01) i.e. 01, 02, ... 20						
L102	60		X	R	1/15	Used
DoD Definition: [21-02] Contract Line Item Number (CLIN)						
This is the CLIN that is associated with the charge.						
L103	122		X	ID	2/2	Used
DoD Definition: [21-03] CLIN Qualifier						
Code Name						
	DD	DoD Definition:				
		[21-03] Department of Defense Unique Codes				
L104	58		X	N2	1/15	Must use
DoD Definition: [21-04] Charge						
L108	150		O	ID	3/3	Used
DoD Definition: [21-08] Special Charge or Allowance Code						
Use for "services" other than accessorial codes; report accessorial codes in Ref L112. If this data element is passed then L112 is NULL. Examples of reportable codes are COF (Ocean Freight), POE-POD, LTE (Line Haul to POE - Origin to POE Cost), LFD (POD to Destination Cost - Linehaul From POD).						
All valid standard codes are used.						
L112	276		O	AN	2/25	Used
DoD Definition: [21-12] Special Charge Description						
Use accessorial codes as designated by SDDC.						
L117	220		X	R	1/11	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L118	221		X	ID	2/2	Used

DoD Definition: [21-17] Care Rate

DoD Definition: [21-18] Care Rate Code

Code Name
 OR **DoD Definition:**
 [21-18] Other
 Use 'OR' to denote Care Rate

REF

Pos: 0670	Max: 1
Detail - Optional	
Loop: LX	Elements: 4

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

[22] REF SEGMENT - Reference Information

New segment to bring the TCN data from the N9 at the header level to the Detail level to relate to charges and accessorial codes. One REF segment per LX to pass the TCN data.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128		M	ID	2/3	Used

DoD Definition: [22-01] Reference Identification Qualifier

Code specifying the Reference Identification.

Code Name

TG **DoD Definition:**

[22-01] Transportation Control Number (TCN)

REF02	127		X	AN	1/80	Must use
-------	-----	--	---	----	------	----------

DoD Definition: [22-02] Reference Identification

Value that represents the Transportation Control Number to which the data provided in the LX loop applies.

REF03	352		X	AN	1/80	Used
-------	-----	--	---	----	------	------

DoD Definition: [22-03] Description

The value that represents the Transportation Tracking Number (TTN).

ELEMENT CONDITION: Mandatory if TTN is available

REF04	C040		O	Comp		Used
-------	------	--	---	------	--	------

DoD Definition: [22-04] C040 Reference Identifier

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.

REF04-01	128		M	ID	2/3	Used
----------	-----	--	---	----	-----	------

DoD Definition: [22-04-01] Reference Identification Qualifier

Code Name

OC **DoD Definition:**

[22-04-01] Ocean Container Number

REF04-02	127		M	AN	1/80	Used
----------	-----	--	---	----	------	------

DoD Definition: [22-04-02] Reference Identification

The government-owned container number value when it is known at the time of the booking/offer.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
------------	-----------	---------------------	------------	-------------	----------------	--------------

Loop

Pos: 0700	Repeat: 10
Optional	
Loop: H1	Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0700	H1		O	1		Used
0800	H2		O	10		Used

H1

Pos: 0700	Max: 1
Detail - Optional	
Loop: H1	Elements: 9

User Option (Usage): Used

Syntax Rules:

1. P0708 - If either H107 or H108 is present, then the other is required.

DoD Segment Definition:

[23] H1 SEGMENT - Hazardous Material Information
 SEGMENT CONDITION: Use for hazardous shipments.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
H101	62		M	AN	4/10	Used

DoD Definition: [23-01] Hazardous Material Code
 Use the prefix 'NA' (North American) or 'UN' (United Nations Dangerous Goods) in conjunction with the appropriate hazardous material codes.
 SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Railinc/Association of American Railroads; Tariff 6D - Official Regulations on Restricted Articles available from Airline Tariff Publishing Co.; Code of Federal Regulations CFR Title 46 available from Superintendent of Documents U.S. Government Printing Office; Dangerous Goods Code available from Intergovernmental Maritime Consultative Organization (IMCO); IATA Restricted Articles Regulations available from International Air Transport Association; Code of Federal Regulations, Transportation. Title 49, parts 100 to 177, pages 75-170 available from Superintendent of Documents U.S. Government Printing Office; ""Transportation of Dangerous Goods"", Recommendations of the Committee of Experts of the Transport of Dangerous Goods available from United Nations Publications Polaris des Nations

H102	209		O	AN	1/4	Must use
------	-----	--	---	----	-----	----------

DoD Definition: [23-02] Hazardous Material Class Code
 Use the IMDG number found in Source Code 52.

H103	208		O	ID	1/1	Must use
------	-----	--	---	----	-----	----------

DoD Definition: [23-03] Hazardous Material Code Qualifier

Code	Name
I	DoD Definition: [23-03] Intergovernmental Maritime Organization (IMO) Code

H104	64		O	AN	2/30	Must use
------	----	--	---	----	------	----------

DoD Definition: [23-04] Hazardous Material Description
 Free form text proper name of the hazardous material. If more than 30 characters are needed use data element H202.
 SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Railinc/Association of American Railroads; Tariff 6D - Official Regulations on Restricted Articles available from Airline Tariff Publishing Co.; Code of Federal Regulations CFR Title 46 available from Superintendent of Documents U.S. Government Printing Office; Dangerous Goods Code available from Intergovernmental Maritime Consultative Organization (IMCO); IATA Restricted Articles Regulations available from International Air Transport Association; Code of Federal Regulations, Transportation. Title 49, parts 100 to 177, pages 75-170 available from Superintendent of Documents U.S.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>Government Printing Office; ""Transportation of Dangerous Goods"", Recommendations of the Committee of Experts of the Transport of Dangerous Goods available from United Nations Publications Polaris des Nations</i>				
H105	63		O	AN	1/24	Must use
		DoD Definition: [23-05] Hazardous Material Contact				
		<i>The first ten (10) spaces will be the phone number. Do not use hyphens or spaces in the telephone number. Do not precede 10 digit with a 1- (one dash). The shipper must select one of the five numbers below if they are shipping hazardous material:</i>				
		<i>7036970218 - Army Operations Center Emergency Action Console, Pentagon;</i>				
		<i>8008518061 - DoD Hazardous Materials Hotline, Richmond, VA;</i>				
		<i>8042793131 - Defense Supply Center Fire Dept, Richmond, VA;</i>				
		<i>8004248802 - National Response Center (NRC);</i>				
		<i>7036970219 - Army Operations Ctr Emergency Action Console, Pentagon.</i>				
H106	200		O	AN	1/6	Must use
		DoD Definition: [23-06] Hazardous Materials Page				
		<i>SOURCE: International Maritime Dangerous Goods Code available from Intergovernment Maritime Consultants Organization (IMCO)</i>				
H107	77		X	N0	1/3	Used
		DoD Definition: [23-07] Flashpoint Temperature				
H108	355		X	ID	2/2	Used
		DoD Definition: [23-08] Unit or Basis for Measurement Code				
		<i>ELEMENT CONDITION: If available, data must be sent</i>				
		Code	Name			
		CE	DoD Definition: <i>[23-08] Centigrade, Celsius Use 'CE' to denote Centigrade</i>			
		FA	DoD Definition: <i>[23-08] Fahrenheit</i>			
H109	254		O	ID	1/3	Used
		DoD Definition: [23-09] Packing Group Code				
		<i>ELEMENT CONDITION: When applicable, the Packaging Group Code as defined in The Canadian Gazette, Part II must be passed to comply with Canadian Transportation of Dangerous Goods (TDG) Regulations."</i>				
		<i>SOURCE: The Canadian Gazette, Part II available from Canadian Government Publishing Centre Supply and Services Canada</i>				

H2

Pos: 0800	Max: 10
Detail - Optional	
Loop: H1	Elements: 2

User Option (Usage): Used

DoD Segment Definition:

[24] H2 SEGMENT - Hazardous Material Description

SEGMENT CONDITION: This segment can be used for placard label information to be placed on the outside of the container.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
H201	64		M	AN	2/30	Used

DoD Definition: [24-01] Hazardous Material Description

For Net Explosive Weight enter value 'NEW' in the first three (3) characters, followed by Net Explosive Weight in pounds, up to 6 numeric characters, without decimal point.

If using the H2 segment because the data in H104 needs additional space and there is NO Net Explosive Weight, enter value 'ZZ' in H201 to satisfy X12 syntax and to indicate that H202 contains an extension of H104.

SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Railinc/Association of American Railroads; Tariff 6D - Official Regulations on Restricted Articles available from Airline Tariff Publishing Co.; Code of Federal Regulations CFR Title 46 available from Superintendent of Documents U.S. Government Printing Office; Dangerous Goods Code available from Intergovernmental Maritime Consultative Organization (IMCO); IATA Restricted Articles Regulations available from International Air Transport Association; Code of Federal Regulations, Transportation. Title 49, parts 100 to 177, pages 75-170 available from Superintendent of Documents U.S. Government Printing Office; ""Transportation of Dangerous Goods"", Recommendations of the Committee of Experts of the Transport of Dangerous Goods available from United Nations Publications Polaris des Nations

H202	274		O	AN	1/30	Used
------	-----	--	---	----	------	------

DoD Definition: [24-02] Hazardous Material Classification

ELEMENT CONDITION: Information in this element is a continuation from H104.

V1

Pos: 0900	Max: 2
Detail - Optional	
Loop: N/A	Elements: 5

User Option (Usage): Must use

Syntax Rules:

1. C0801 - If V108 is present, then V101 is required.
2. R0102 - At least one of V101 or V102 is required.

DoD Segment Definition:

[25] V1 SEGMENT - Vessel Identification

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
V101	597		X	ID	1/8	Must use

DoD Definition: [25-01] Vessel Code

Enter the Vessel Radio Call Sign. If it doesn't have one, enter the Lloyd's number.

SOURCE: Lloyd's Register of Shipping

V102	182		X	AN	2/28	Must use
------	-----	--	---	----	------	----------

DoD Definition: [25-02] Vessel Name

SOURCE: Lloyd's Register of Shipping

V103	26		O	ID	2/3	Must use
------	----	--	---	----	-----	----------

DoD Definition: [25-03] Country 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.

V104	55		O	AN	2/30	Must use
------	----	--	---	----	------	----------

DoD Definition: [25-04] Commercial Voyage Number

Enter the commercial voyage number.

V108	897		X	ID	1/1	Used
------	-----	--	---	----	-----	------

DoD Definition: [25-08] Vessel Code Qualifier

Code Name

C **DoD Definition:**

[25-08] Ship's Radio Call Signal

L **DoD Definition:**

[25-08] Lloyd's Register of Shipping

Z **DoD Definition:**

[25-08] Mutually Defined

Use 'Z' to denote Barges or Other Vessels Not Identified by Lloyds

V9

Pos: 1000	Max: 10
Detail - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

Syntax Rules:

1. C0605 - If V906 is present, then V905 is required.
2. C1304 - If V913 is present, then V904 is required.
3. C1509 - If V915 is present, then V909 is required.
4. P1011 - If either V910 or V911 is present, then the other is required.

DoD Segment Definition:

[26] V9 SEGMENT - Spot Date

SEGMENT CONDITION: Use when Spot Date applies.

[27] V9 SEGMENT - Mileage

SEGMENT CONDITION: Use when CONUS (Continental United States) or OCONUS (Outside Continental United States) Mileage applies.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
V901	304		M	ID	3/3	Used

DoD Definition: [26-01] Event Code

[27-01] DTOD Qualifier

Code	Name
SPT	DoD Definition:
	[26-01] Spot Date
ZZZ	DoD Definition:
	[27-01] Mutually Defined
	Use 'ZZZ' to denote Defense Table of Official Distances (DTOD)

V902	106		O	AN	1/25	Must use
------	-----	--	---	----	------	----------

DoD Definition: [27-02] Mileage Qualifier

Enter value 'SD' to denote CONUS Mileage or '1B' to denote OCONUS Mileage.

V903	373		O	DT	8/8	Must use
------	-----	--	---	----	-----	----------

DoD Definition: [26-03] Date

Enter the spot date.

V912	61		O	AN	1/30	Must use
------	----	--	---	----	------	----------

DoD Definition: [26-12] Free-form Information

Enter the number of containers to be spotted.

[27-12] Mileage

Enter appropriate mileage.

K1

Pos: 1100	Max: 20
Detail - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

DoD Segment Definition:

[28] K1 SEGMENT - Message

SEGMENT CONDITION: Use to convey Free Form Text Message as required.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
K101	61		M	AN	1/30	Used

DoD Definition: [28-01] Free-form Information

K102	61		O	AN	1/30	Used
------	----	--	---	----	------	------

DoD Definition: [28-02] Free-form Information

Section 4.0

IC ELEMENT MATRIX

OVERVIEW

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

PURPOSE

Using the IC element matrix will expedite mapping of an application database into a commercial EDI translation package. This IC element matrix applies to a specific application database, which is described in the Application Notes section below.

HOW TO READ THE IC ELEMENT MATRIX

To read the matrix, trading partners need to understand matrix record types, two categories of matrix information, the matrix layout, and the sort order of the matrix.

Record Types

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

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

Two Categories of Record Information

The matrix contains two categories of information: IC application information and ASC X12 information.

- IC application information describes attributes outside the structure and syntax of the ASC X12 standard.
- ASC X12 information is attached to each IC element. That information is extracted directly from the X12 standard dictionary and enables programmers to map the IC element into the standards.

Matrix Layout

The IC element matrix lists information in sixteen columns.

- IC Index Number (Index) enables designers and programmers to quickly cite a record in the matrix.
- IC Data Group Number (DG) is a number assigned by the IC developers. That number identifies an IC element with a group of elements that form a database table within the application data model. In order to quickly reference a table, Defense transportation developers label database tables with a Data Group number. For example, a “Bill To Address” may belong to the “PURCHASE ORDER” parent table with GRP = 10. A “Stop-off Delivery Address” may belong to the “ITEM DELIVERY” child table with GRP = 60. GRP = 0 means Data Group values have not been assigned.
- IC Data Element Name (Data Name) is a label for each data element using terminology common to the business environment. The IC element matrix identifies an element as a “Route Order Number Qualifier.” This is more concise than using the generic X12 label of “Qualifier.” A segment header record identifies the segment ID in this field.
- IC Notes & Codes (DoD Information Notes and Codes) can contain application notes about various segment and element conditions or requirements. This column may also list both X12 standard codes and DoD unique codes. If the list is larger than 20 codes, it may appear in the section that contains Code Lists.
- IC Attributes (Attributes). When part of a segment header record, this column indicates the usage of the segment. When part of an element record, this column indicates the usage of the element within the segment, if the segment is used. Attributes may differ from those in the ASC X12 standard. For example, if trading partners expect to exchange a purchase order number that has a specific length and structure, those attributes are described here. Attributes include requirement designator, data element type, minimum length and maximum length.
- X12 Transaction Set Table Number (Tabl).
- X12 Segment Position (Pos).
- X12 Requirement Designator (Req Des) . This column applies only to Segment Header type matrix records.
- X12 Maximum Usage (Max Use). This column applies only to Segment Header type matrix records.
- X12 Loop Repeat (Lp Rpt) indicates the number of times a loop may be used. This column applies only to Segment Header type matrix records.
- X12 Loop Level (Lp Lv). Loops may be nested within other loops. This column indicates the nesting level for each loop and applies only to Segment Header type matrix records.
- X12 Loop ID (Lp ID). This column applies only to Segment Header type matrix records.
- X12 Segment Reference Designator (Ref Des) . This column applies only to Element type matrix records.
- X12 Simple or Composite Data Element Number (DE#). This column applies only to Element type matrix records.
- X12 Simple Data Element Attributes (Attributes). Attributes listed include the data element requirement designator, data element type, minimum length and maximum length. This column applies only to Element type matrix records.

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

Sort Order of the Matrix

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

APPLICATION NOTES

The IC element matrix in this section maps data requirements for the Reservation (Booking Request) (Ocean) into the ASC X12 Transaction Set 300 Reservation (Booking Request) (Ocean). Transportation activities involved in the DoD electronic data interchange effort developed these requirements.

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

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
1		ST SEGMENT - Reservation (Booking Request)(Ocean) Header	M	1	100	M	1						
1-01		Transaction Set Identifier Code 300 - Reservation (Booking Request) (Ocean)	M ID 3/3	1	100	M	1				ST01	143	M ID 3/3
				The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).									
1-02		Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set. The application and structure of the control number must be agreed upon between trading partners. (For example, some applications use all nine digits where the first five might indicate a group control number and the last four represent the sequence of the transaction set within the functional group. Also, the entire nine digit field may simply represent the sequence of the transaction set generated by a trading partner.)	M AN 4/9	1	100	M	1				ST02	329	M AN 4/9
2		B1 SEGMENT - Shipment Identification	M	1	200	M	1						
2-01		Standard Carrier Alpha Code SOURCE: Directory of Standard Carrier Alpha Codes (SCAC), NMF 101 Series available from National Motor Freight Association, Inc.	M ID 2/4	1	200	M	1				B101	140	M ID 2/4
				B101 is the Standard Carrier Alpha Code (SCAC) of either the carrier receiving the booking request or the carrier sending the booking confirmation.									
2-02		Shipment Identification Number Enter in an eight (8) digit alpha numeric code. The first six (6) digits are the Port Call File Number (PCFN) and the last two (2) digits are the year.	M AN 8/8	1	200	M	1				B102	145	O AN 1/30
2-03		Reservation Action Date Enter Date applicable to the Reservation Action in the B104, Reservation actions include: New (Created), Change (Updated) or Reinstatement, expressed as CCYYMMDD	M DT 8/8	1	200	M	1				B103	373	O DT 8/8
				B103 is either the date of the booking request or the date the booking was accepted by the carrier.									

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
2-04		Reservation Action Code Use code 'B' (Reinstatement) to reinstate a booking. A Transaction Set (TS) 303 (Booking Cancellation) with Reservation Action Code (B104) of 'D' (Cancel) or 'R' (Delete) will precede a TS 300 with a Reservation Actions Code 'B'. Use code value 'U' (Change) AFTER an Ocean Carrier receives an initial TS 300 offering using a code value 'N' (New). Examples follow. Example 1: (Cargo Offering Increase). An initial offering was for ten (10) containers of cargo. The Ocean Carrier transmits a TS 301 (Confirmation) for all ten (10) containers. A Shipper then needs to increase the offering from ten (10) to fifteen (15) containers. The booking is updated, and IBS will transmit another TS 300 using the code value 'U'. The number of containers on the TS 300 will be the total number of containers, which is fifteen (15). The Ocean Carrier can then send back a TS 301, accepting the fifteen (15) or rejecting the additional five (5) containers, since they have already accepted the original ten (10). Example 2: (Cargo Offering Decrease). If an Ocean Carrier has accepted an initial TS 300 for ten (10) containers of cargo and the Shipper needs to decrease that offer by six (6) containers, IBS will be updated with the decrease. A TS 300 with a code value 'U', indicating that only four (4) containers are being offered, will be transmitted to the carrier. The Ocean Carrier can send a TS 301 to either accept only those four (4) containers or reject the booking. B - Conditional Acceptance <i>Use 'B' to denote Reinstatement.</i> N - New U - Change	M ID 1/1	1	200	M	1					B104	558	O ID 1/1
3		G61 SEGMENT - Booking Contact Information SEGMENT CONDITION: Use when Booking Contact Information applies	C	1	250	O	3							
													If either G6103 or G6104 is present, then the other is required.	
3-01		Contact Function Code IC - Information Contact <i>Use 'IC' to denote Booking Contact.</i>	M ID 2/2	1	250	O	3				G6101	366	M ID 2/2	
3-02		Name Enter the Booking Officer's Name.	M AN 1/60	1	250	O	3				G6102	93	M AN 1/60	
3-03		Communication Number Qualifier EM - Electronic Mail TE - Telephone	C ID 2/2	1	250	O	3				G6103	365	C ID 2/2	
													G6103 qualifies G6104.	
3-04		Communication Number Enter the Booking Officer's Telephone Number when G6103 = 'TE'. Enter the Booking Officer's Electronic Mail (e-mail) address when G6103 = 'EM'	C AN 1/160	1	250	O	3				G6104	364	C AN 1/2048	
4		Y1 SEGMENT - Sailing Date	M	1	500	M	1							
													If either Y102 or Y109 is present, then the other is required.	

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

RESERVATION (BOOKING REQUEST) (OCEAN)
300.A.007020

DoD INFORMATION					X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION						
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes			
4-01		Sailing Date Estimated Enter the date the vessel is scheduled to depart, the vessel sailing date.	M	DT	8/8	1	500	M	1			Y101	135	O	DT	8/8	
4-02		Available Date The date the cargo is available for pickup or receipt at load port.	M	DT	8/8	1	500	M	1			Y102	373	C	DT	8/8	
																Y102 is the date the shipment for which space reservation is requested to be available at the origin.	
4-04		Transportation Method/Type Code ELEMENT CONDITION: Use for both Breakbulk and Containers. BB - Breakbulk Ocean O - Containerized Ocean	C	ID	1/2	1	500	M	1			Y104	91	O	ID	1/2	
4-09		Date/Time Qualifier 169 - Product Availability Date Use '169' to denote Cargo Availability Date.	M	ID	3/3	1	500	M	1			Y109	374	C	ID	3/3	
5		Y2 SEGMENT - Container Information SEGMENT CONDITION: Mandatory if Containerized move. Do not use for BreakBulk.	C			1	600	O	1	10	1	Y2					
5-01		Number of Containers This segment is only to be used for Containers and should not be used if booking is for Breakbulk. Number of containers in the booking.	M	N0	1/4	1	600	O	1	10	1	Y2	Y201	95	M	N0	1/4
5-02		Container Type Request Code ELEMENT CONDITION: Only used for CONTAINERIZED cargo. C - Containers with Chassis W - Chassis Only	C	ID	1/1	1	600	O	1	10	1	Y2	Y202	78	O	ID	1/1
5-04		Equipment Type Enter the appropriate ISO Standard Codes. If no ISO code exists, then enter 'ZZZZ', as a place holder. The source for these codes is the Identification Marking Code For Freight Containers (ISO 6346-1995). It can be obtained from the American National Standards Institute.	M	ID	4/4	1	600	O	1	10	1	Y2	Y204	24	M	ID	4/4
5-08		Container Terms Code In the Y208, DE464 at index [5-08] change the implementation note to read: "These are the conveyance service codes, TCN positions 15-17, as described in Code Source 350, Defense Transportation Regulation (DTR), 4500.9-R-Part II, Appendix L. This manual can be obtained from the United States Transportation Command web site at http://www.transcom.mil/dtr/index.cfm .	C	ID	3/3	1	600	O	1	10	1	Y2	Y208	464	O	ID	3/3

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

RESERVATION (BOOKING REQUEST) (OCEAN)
300.A.007020

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
5-09		Container Terms Code Qualifier I - Military Standard Transportation and Movement Procedures (MILSTAMP)	C	ID	1/1	1	600	O	1	10	1	Y2	Y209	465	O ID 1/1
6		W09 SEGMENT - Temperature Data SEGMENT CONDITION: Use this segment only when H301 = 'RPD' (meaning that two temperature settings within a container are required) and L503 = 11X (Dual Temp (Chill/Freeze) Reefer Cargo). If specifying only one temperature setting, use the W09 segment at Table 1, Position 1500.	C			1	650	O	1	10	1	Y2			If either W0902 or W0903 is present, then the other is required. If either W0904 or W0905 is present, then the other is required.
6-01		Equipment Description Code DT - Drop Back Trailer <i>Use 'DT' to denote Dual Temperature.</i>	M	ID	2/2	1	650	O	1	10	1	Y2	W0901	40	M ID 2/2
6-02		Temperature Value representing the Chill temperature.	M	R	1/4	1	650	O	1	10	1	Y2	W0902	408	C R 1/4
															W0902 is the minimum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0903).
6-03		Unit or Basis for Measurement Code FA - Fahrenheit	M	ID	2/2	1	650	O	1	10	1	Y2	W0903	355	C ID 2/2
6-04		Temperature Value representing the Freeze temperature.	C	R	1/4	1	650	O	1	10	1	Y2	W0904	408	C R 1/4
															W0904 is the maximum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0905).
6-05		Unit or Basis for Measurement Code FA - Fahrenheit	C	ID	2/2	1	650	O	1	10	1	Y2	W0905	355	C ID 2/2
7		N9 SEGMENT - Reference Identification	C			1	690	O	100						At least one of N902 or N903 is required. If N906 is present, then N905 is required.

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

RESERVATION (BOOKING REQUEST) (OCEAN)
300.A.007020

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION					
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes			
7-01		Reference Identification Qualifier 2E - Foreign Military Sales Case Number <i>Use '2E' to denote Foreign Military Sales Case.</i> 3X - Subcontract Number 91 - Cost Element <i>Use '91' to denote Total Cost.</i> CE - Class of Contract Code <i>Use 'CE' to denote Vessel Status.</i> CT - Contract Number <i>Use 'CT' to denote Contract Number for rating purposes (MILSTAMP)..</i> KL - Contract Reference <i>Use 'KL' to denote Contract Type for rating purposes (MILSTAMP).</i> P4 - Project Code QN - Stop Sequence Number <i>Use 'QN' to denote Total Number of Stop-Offs and Mini Stop-Offs.</i> TH - Transportation Account Code (TAC) TR - Government Transportation Request <i>Use 'TR' to denote Movement Type.</i> V3 - Voyage Number <i>Use 'V3' to denote DOD Voyage Document Number.</i>	M	ID	2/2	1	690	O	100				N901	128	M	ID	2/3
7-02		Reference Identification If N901=TR, then one of the following codes must be passed in the N902: DD, DP, PD, PP Otherwise, pass..... DD - Door to Door DP - Door to Port PD - Port to Door PP - Port to Port	M	AN	1/30	1	690	O	100			N902	127	C	AN	1/80	
7-03		Free-form Description	C	AN	1/45	1	690	O	100			N903	369	C	AN	1/45	
8		N1 SEGMENT - Activity Identification	M			1	800	M	1	99	1	N1					At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

RESERVATION (BOOKING REQUEST) (OCEAN)
300.A.007020

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION					
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes			
8-01		Activity Identifier Code AE - Additional Delivery Address <i>Use 'AE' to denote Stop Off.</i> CI - Consignor <i>Use 'CI' to denote Requestor.</i> CN - Consignee SH - Shipper <i>Use 'SH' to denote Entity who has the cargo.</i> TC - Tool Source <i>Use 'TC' to denote Theater Consolidation Shipping Point (TCSB).</i>	M	ID	2/2	1	800	M	1	99	1	N1	N101	98	M	ID	2/3
8-02		Name When "AE" is used in the N101, enter the DODAAC for a Stop-Off	C	AN	1/60	1	800	M	1	99	1	N1	N102	93	C	AN	1/60
8-03		Location Code Qualifier ELEMENT CONDITION: Must appear if there will be no entry in N102 - Name 10 - Department of Defense Activity Address Code (DODAAC) 16 - ZIP Code 29 - Grid Location and Facility Code <i>Use '29' to denote Latitude/Longitude.</i> 33 - Commercial and Government Entity (CAGE) 37 - United Nations Vendor Code <i>Use '37' to denote UNLOC Code.</i> BE - Common Language Location Identification (CLLI) <i>Use 'BE' to denote Inland Location Code (ILC).</i> LC - Agency Location Code (U.S. Government) <i>Use 'LC' to denote Geoloc.</i> MA - Mail Stop <i>Use 'MA' to denote Mini Stop-off.</i>	C	ID	2/2	1	800	M	1	99	1	N1	N103	66	C	ID	1/2
8-04		Location Code Must appear if there will be no entry in N102 - (Name). Enter appropriate Location Code (e.g., DoDAAC, CAGE, GEOLoc, etc.). When MA is used in the N103, enter the DODAAC for the Mini-Stop Off	C	AN	2/80	1	800	M	1	99	1	N1	N104	67	C	AN	2/80
					This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.												

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
9		N3 SEGMENT - Address Information SEGMENT CONDITION: Use this segment only when the entry in the N101 for this loop is "CN" or "SH". Use only for Shipper or consignee address. Use N3 segment to convey non-parsed (free-form text) address information. If parsed information is available, convey in N4 - Address Information segment. If the address is longer than 55 characters, it will roll over into N302.	C		1	1000	O	2	99	1	N1				
9-01		Address Information	M	AN	1/55	1	1000	O	2	99	1	N1	N301	166	M AN 1/55
9-02		Address Information	C	AN	1/55	1	1000	O	2	99	1	N1	N302	166	O AN 1/55
10		N4 SEGMENT - Geographic Location SEGMENT CONDITION: Use this segment only when the entry in the N101 for this loop is 'CN' or 'SH'.	C			1	1100	O	1	99	1	N1			
10-01		City Name	M	AN	2/30	1	1100	O	1	99	1	N1	N401	19	O AN 2/30
															A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
10-02		State or Province Code SOURCE: U.S. Postal Service or Canada Post or Bureau of Transportation Statistics	C	ID	2/2	1	1100	O	1	99	1	N1	N402	156	C ID 2/2
10-03		Postal Code SOURCE: National ZIP Code and Post Office Directory, Publication 65 The USPS Domestic Mail Manual available from U.S Postal Service; Universal Postal Union Website available from International Bureau of the Universal Postal Union http://www.upu.int/post_code/en/postcodes.html	C	ID	3/15	1	1100	O	1	99	1	N1	N403	116	C ID 3/15
															N403 contains the postal code in an unstructured format. N408 contains the postal code in a structured format. When a postal code data field is used, the parties shall agree as to which data element (N403 or N408) shall be used in the transaction set.
10-04		Country 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.	C	ID	2/3	1	1100	O	1	99	1	N1	N404	26	C ID 2/3
11		G61 SEGMENT - Shipper POC Information SEGMENT CONDITION: Use to convey POC as required.	C			1	1200	O	3	99	1	N1			
															If either G6103 or G6104 is present, then the other is required.

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

RESERVATION (BOOKING REQUEST) (OCEAN)
300.A.007020

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
11-01		Contact Code DI - Delivery Instructions Contact <i>Use 'DI' to denote Consignee (use when N101 = CN).</i> OC - Order Contact RQ - Requestor <i>Use 'RQ' to denote Consignor.</i> SH - Shipper Contact <i>Use 'SH' to denote Shipper Contact (use when N101 = SH).</i>	M ID 2/2	1	1200	O	3	99	1	N1	G6101	366	M ID	2/2
11-02		Name Enter the POC name.	M AN 1/60	1	1200	O	3	99	1	N1	G6102	93	M AN	1/60
11-03		Communication Number Qualifier EM - Electronic Mail TE - Telephone	C ID 2/2	1	1200	O	3	99	1	N1	G6103	365	C ID	2/2
11-04		Communication Number Enter the telephone number when G6103 = 'TE'. Enter the electronic mail (e-mail) address when G6103 = 'EM'.	C AN 1/160	1	1200	O	3	99	1	N1	G6104	364	C AN	1/2048
12		R4 SEGMENT - Port Information	M	1	1300	M	1	20	1	R4				
12-01		Port or Terminal Function Code Always send code values 'J' and 'K'. J - Bill of Lading Port of Loading (Contractual) <i>Use 'J' to denote Place at which cargo is loaded on board the means of transport.</i> K - Bill of Lading Port of Discharge (Contractual) <i>Use 'K' to denote Place at which cargo is discharged from means of transport.</i>	M ID 1/1	1	1300	M	1	20	1	R4	R401	115	M ID	1/1

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

RESERVATION (BOOKING REQUEST) (OCEAN)
300.A.007020

DoD INFORMATION					X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
14-03		Unit or Basis for Measurement Code FA - Fahrenheit	M	ID	2/2	1	1500	O	1			W0903	355	C	ID 2/2
14-06		Temperature Variance Enter the Variance (Temperature Range) based on the Required Set Temperature preceded by a plus (+) or minus (-) sign. Example +2_-2	C	AN	2/10	1	1500	O	1			W0906	3	O	AN 1/60
15		H3 SEGMENT - Special Handling Exceptions SEGMENT CONDITION: Only use this segment when Special Handling cost is equal to "0" (zero) or a code does not exist. Use H301 or H302 as applicable but not both.	C			1	1600	O	20						Only one of H301 or H302 may be present.
15-01		Special Handling Code ELEMENT CONDITION: Only use when cost is equal to "0" (zero). Do not use if H302 is being used. See Section 6 for list of data values.	C	ID	2/3	1	1600	O	20			H301	152	C	ID 2/3
15-02		Special Handling Description Free-form description of special handling instructions if no accessorial code is available ELEMENT CONDITION: Only use when a code does not exist. Do not use if H301 is being used.	C	AN	2/30	1	1600	O	20			H302	153	C	AN 2/30
16		LX SEGMENT - Breakbulk/Container Information Loop One, and only one, TCN is permitted per LX loop. When booking breakbulk/containerized cargo the LX loop will be repeated for each Transportation Control Number (TCN).	M			2	100	M	1	999	1	LX			
16-01		Assigned Number Assigned Number: When booking breakbulk/containerized cargo, assign numbers sequentially, i.e., 1,2,3,4, . . . , 999. Start with "1" and increment by one for each occurrence of the LX loop; limited to one TCN per LX loop.	M	NO	1/6	2	100	M	1	999	1	LX	LX01	554	M NO 1/6
17		N7 SEGMENT - Equipment Description SEGMENT CONDITION: Only used for CONTAINERIZED CARGO. Do NOT use for breakbulk cargo.	C			2	200	O	1	999	1	LX			If either N703 or N704 is present, then the other is required. If either N705 or N716 is present, then the other is required. If either N708 or N709 is present, then the other is required.
17-01		Equipment Initial SOURCE: Directory of Standard Carrier Alpha Codes (SCAC), NMF 101 Series available from National Motor Freight Traffic Association, Inc; Railroad Mark Register available from Director, Industry Reference Files Railinc/Association of American Railroads	C	AN	1/4	2	200	O	1	999	1	LX	N701	206	O AN 1/4
17-02		Equipment Number Because this data element is mandatory and the container number is not normally known at the time of booking, use zero (0).	M	AN	1/7	2	200	O	1	999	1	LX	N702	207	M AN 1/15

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

RESERVATION (BOOKING REQUEST) (OCEAN)
300.A.007020

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION					
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes			
17-11		Equipment Description Code See Section 6 for list of data values.	M	ID	2/2	2	200	O	1	999	1	LX	N711	40	O	ID	2/2
17-15		Equipment Length Equipment length. Length (in feet and inches) of equipment ordered or used to transport shipment. (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11) - 2000 its a 20FT-Dry	M	N0	4/5	2	200	O	1	999	1	LX	N715	567	O	N0	4/5
17-20		Height Vertical dimension of an object measured when the object is in the upright position. Expressed in inches.	C	R	1/8	2	200	O	1	999	1	LX	N720	65	O	R	1/8
18		L0 SEGMENT - Weight/Volume/Pieces/Lading Quantity	M			2	400	O	1	999	1	LX					
18-01		Lading Line Item Number Sequential line number for a lading item. Should match the value from the LX01.	M	N0	1/6	2	400	O	1	999	1	LX	L001	213	O	N0	1/6
18-04		Weight	M	R	1/10	2	400	O	1	999	1	LX	L004	81	C	R	1/10
18-05		Weight Qualifier E - Estimated Net Weight	M	ID	1/1	2	400	O	1	999	1	LX	L005	187	C	ID	1/2
18-06		Volume	C	R	1/8	2	400	O	1	999	1	LX	L006	183	C	R	1/8
18-07		Volume Unit Qualifier E - Cubic Feet	C	ID	1/1	2	400	O	1	999	1	LX	L007	184	C	ID	1/1
18-08		Lading Quantity This is the number of Breakbulk pieces. For Containers, enter "1" (one); provide the actual value of the container content in the 315 as specified in the Shipping Instructions	C	N0	1/7	2	400	O	1	999	1	LX	L008	80	C	N0	1/7
18-09		Packaging Form Code This Data Element is the qualifier for L008. PCS - Pieces	C	ID	3/3	2	400	O	1	999	1	LX	L009	211	C	ID	3/3

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

RESERVATION (BOOKING REQUEST) (OCEAN)
300.A.007020

DoD INFORMATION				X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
18-11		Weight Unit Code K - Kilograms L - Pounds	C ID 1/1	2	400	O	1	999	1	LX	L011	188	O	ID 1/1
19		L5 SEGMENT - Commodity Description	M	2	500	O	1	999	1	LX				
19-01		Lading Line Item Number Sequential line number for a lading item. Should match the value from the LX01 and L001.	M N0 1/6	2	500	O	1	999	1	LX	L501	213	O	N0 1/6
19-02		Lading Description This is a free form text describing the commodity code.	C AN 1/50	2	500	O	1	999	1	LX	L502	79	O	AN 1/50
19-03		Commodity Code Enter the Commodity Code as found in the USTRANSCOM Reference Data Management (TRDM) mirrored at https://trdmws.maf.ustranscom.mil/trdm/index.html#/TRDM/home .	M AN 1/30	2	500	O	1	999	1	LX	L503	22	C	AN 1/30
19-04		Commodity Code Qualifier I - Milstamp AITC or Water Commodity Code	M ID 1/1	2	500	O	1	999	1	LX	L504	23	C	ID 1/2
19-05		Packaging Code The only allowable code values used with containerized bookings are 'CNT', 'SV2', 'ML2', and 'MS2'. Use all other code values with breakbulk. See Section 6 for list of data values.	C AN 3/5	2	500	O	1	999	1	LX	L505	103	O	AN 3/5
20		L4 SEGMENT - Measurements SEGMENT CONDITION: Only use for Breakbulk cargo.	C	2	600	O	1	999	1	LX				
20-01		Length Expressed in inches	M R 1/8	2	600	O	1	999	1	LX	L401	82	M	R 1/8
20-02		Width Expressed in inches	M R 1/8	2	600	O	1	999	1	LX	L402	189	M	R 1/8
20-03		Height Expressed in inches	M R 1/8	2	600	O	1	999	1	LX	L403	65	M	R 1/8

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

RESERVATION (BOOKING REQUEST) (OCEAN)
300.A.007020

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
20-04		Measurement Unit Qualifier N - Inches	M	ID	1/1	2	600	O	1	999	1	LX	L404	90	M ID 1/1
20-06		Outsized Code Use 'O' to denote Outsized O - Outsized	C	AN	1/1	2	600	O	1	999	1	LX	L406	1271	O AN 1/30 L406 is the Rounding in Pattern for dimensional shipments.
21		L1 SEGMENT - Rate and Charges SEGMENT CONDITION: There will be 1 (one) L1 for every charge that is greater or less than 0 (zero). If the charge equals 0 (zero), the L1 will not be used. Only one of L108 or L112 may be present.	C			2	650	O	20	999	1	LX			If either L102 or L103 is present, then the other is required. At least one of L104, L105, or L106 is required. If either L114 or L115 is present, then the other is required. If either L117 or L118 is present, then the other is required.
21-01		Lading Line Item Number Assign counter sequentially (beginning with 01) i.e. 01, 02, ... 20	M	N0	1/2	2	650	O	20	999	1	LX	L101	213	O N0 1/6
21-02		Contract Line Item Number (CLIN) This is the CLIN that is associated with the charge.	C	R	1/9	2	650	O	20	999	1	LX	L102	60	C R 1/15
21-03		CLIN Qualifier DD - Department of Defense Unique Codes	C	ID	2/2	2	650	O	20	999	1	LX	L103	122	C ID 2/2
21-04		Charge	M	N2	1/12	2	650	O	20	999	1	LX	L104	58	C N2 1/15
21-08		Special Charge or Allowance Code Use for "services" other than accessorial codes; report accessorial codes in Ref L112. If this data element is passed then L112 is NULL. Examples of reportable codes are COF (Ocean Freight), POE-POD, LTE (Line Haul to POE - Origin to POE Cost), LFD (POD to Destination Cost - Linehaul From POD).	C	ID	3/3	2	650	O	20	999	1	LX	L108	150	O ID 3/3
21-12		Special Charge Description Use accessorial codes as designated by SDDC.	C	AN	2/25	2	650	O	20	999	1	LX	L112	276	O AN 2/25
21-17		Care Rate	C	R	1/11	2	650	O	20	999	1	LX	L117	220	C R 1/11
21-18		Care Rate Code OR - Other Use 'OR' to denote Care Rate.	C	ID	2/2	2	650	O	20	999	1	LX	L118	221	C ID 2/2

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

RESERVATION (BOOKING REQUEST) (OCEAN)
300.A.007020

DoD INFORMATION				X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
22		REF SEGMENT - Reference Information New segment to bring the TCN data from the N9 at the header level to the Detail level to relate to charges and accessorial codes. One REF segment per LX to pass the TCN data.	C	2	670	O	1	999	1	LX				
22-01		Reference Identification Qualifier Code specifying the Reference Identification. TG - Transportation Control Number (TCN)	M ID 2/3	2	670	O	1	999	1	LX	REF01	128	M	ID 2/3
22-02		Reference Identification Value that represents the Transportation Control Number to which the data provided in the LX loop applies.	M AN 17/17	2	670	O	1	999	1	LX	REF02	127	C	AN 1/80
22-03		Description The value that represents the Transportation Tracking Number (TTN). ELEMENT CONDITION: Mandatory if TTN is available	C AN 17/17	2	670	O	1	999	1	LX	REF03	352	C	AN 1/80
22-04		C040 Reference Identifier	C CE	2	670	O	1	999	1	LX	REF04	C040	O	CE
														If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.
22-04-01		Reference Identification Qualifier OC - Ocean Container Number	C ID 2/3	2	670	O	1	999	1	LX	C04001	128	M	ID 2/3
22-04-02		Reference Identification The government-owned container number value when it is known at the time of the booking/offer.	C AN 10/11	2	670	O	1	999	1	LX	C04002	127	M	AN 1/80
23		H1 SEGMENT - Hazardous Material Information SEGMENT CONDITION: Use for hazardous shipments.	C	2	700	O	1	10	2	H1				
														If either H107 or H108 is present, then the other is required. This segment is required when the shipment contains hazardous material.
23-01		Hazardous Material Code Use the prefix 'NA' (North American) or 'UN' (United Nations Dangerous Goods) in conjunction with the appropriate hazardous material codes. SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Railinc/Association of American Railroads; Tariff 6D - Official Regulations on Restricted Articles available from Airline Tariff Publishing Co.; Code of Federal Regulations CFR Title 46 available from Superintendent of Documents U.S. Government Printing Office; Dangerous Goods Code available from Intergovernmental Maritime Consultative Organization (IMCO); IATA Restricted Articles Regulations available from International Air Transport Association; Code of Federal Regulations, Transportation. Title 49, parts 100 to 177, pages 75-170 available from Superintendent of Documents U.S. Government Printing Office; ""Transportation of Dangerous Goods"", Recommendations of the Committee of Experts of the Transport of Dangerous Goods available from United Nations Publications Polaris des Nations	M AN 4/10	2	700	O	1	10	2	H1	H101	62	M	AN 4/10

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

RESERVATION (BOOKING REQUEST) (OCEAN)
300.A.007020

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
23-02		Hazardous Material Class Code Use the IMDG number found in Source Code 52.	M	AN	1/4	2	700	O	1	10	2	H1	H102	209	O AN 1/4
23-03		Hazardous Material Code Qualifier I - Intergovernmental Maritime Organization (IMO) Code	M	ID	1/1	2	700	O	1	10	2	H1	H103	208	O ID 1/1
23-04		Hazardous Material Description Free form text proper name of the hazardous material. If more than 30 characters are needed use data element H202. SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Railinc/Association of American Railroads; Tariff 6D - Official Regulations on Restricted Articles available from Airline Tariff Publishing Co.; Code of Federal Regulations CFR Title 46 available from Superintendent of Documents U.S. Government Printing Office; Dangerous Goods Code available from Intergovernmental Maritime Consultative Organization (IMCO); IATA Restricted Articles Regulations available from International Air Transport Association; Code of Federal Regulations, Transportation, Title 49, parts 100 to 177, pages 75-170 available from Superintendent of Documents U.S. Government Printing Office; ""Transportation of Dangerous Goods"", Recommendations of the Committee of Experts of the Transport of Dangerous Goods available from United Nations Publications Polaris des Nations	M	AN	2/30	2	700	O	1	10	2	H1	H104	64	O AN 2/30
23-05		Hazardous Material Contact The first ten (10) spaces will be the phone number. Do not use hyphens or spaces in the telephone number. Do not precede 10 digit with a 1- (one dash). The shipper must select one of the five numbers below if they are shipping hazardous material: 7036970218 - Army Operations Center Emergency Action Console, Pentagon; 8008518061 - DoD Hazardous Materials Hotline, Richmond, VA; 8042793131 - Defense Supply Center Fire Dept, Richmond, VA; 8004248802 - National Response Center (NRC); 7036970219 - Army Operations Ctr Emergency Action Console, Pentagon.	M	AN	1/24	2	700	O	1	10	2	H1	H105	63	O AN 1/24
23-06		Hazardous Materials Page SOURCE: International Maritime Dangerous Goods Code available from Intergovernment Maritime Consultants Organization (IMCO)	M	AN	1/6	2	700	O	1	10	2	H1	H106	200	O AN 1/6
23-07		Flashpoint Temperature	C	N0	1/3	2	700	O	1	10	2	H1	H107	77	C N0 1/3
															H107 is the lowest temperature for hazardous materials.
23-08		Unit or Basis for Measurement Code ELEMENT CONDITION: If available, data must be sent CE - Centigrade, Celsius Use 'CE' to denote Centigrade. FA - Fahrenheit	C	ID	2/2	2	700	O	1	10	2	H1	H108	355	C ID 2/2

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

RESERVATION (BOOKING REQUEST) (OCEAN)
300.A.007020

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
23-09		Packing Group Code ELEMENT CONDITION: When applicable, the Packaging Group Code as defined in The Canadian Gazette, Part II must be passed to comply with Canadian Transportation of Dangerous Goods (TDG) Regulations." SOURCE: The Canadian Gazette, Part II available from Canadian Government Publishing Centre Supply and Services Canada	C ID 1/3	2	700	O	1	10	2	H1	H109	254	O	ID	1/3
24		H2 SEGMENT - Hazardous Material Description SEGMENT CONDITION: This segment can be used for placard label information to be placed on the outside of the container.	C	2	800	O	10	10	2	H1					
24-01		Hazardous Material Description For Net Explosive Weight enter value 'NEW' in the first three (3) characters, followed by Net Explosive Weight in pounds, up to 6 numeric characters, without decimal point. If using the H2 segment because the data in H104 needs additional space and there is NO Net Explosive Weight, enter value 'ZZ' in H201 to satisfy X12 syntax and to indicate that H202 contains an extension of H104. SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Railinc/Association of American Railroads; Tariff 6D - Official Regulations on Restricted Articles available from Airline Tariff Publishing Co.; Code of Federal Regulations CFR Title 46 available from Superintendent of Documents U.S. Government Printing Office; Dangerous Goods Code available from Intergovernmental Maritime Consultative Organization (IMCO); IATA Restricted Articles Regulations available from International Air Transport Association; Code of Federal Regulations, Transportation. Title 49, parts 100 to 177, pages 75-170 available from Superintendent of Documents U.S. Government Printing Office; ""Transportation of Dangerous Goods"", Recommendations of the Committee of Experts of the Transport of Dangerous Goods available from United Nations Publications Polaris des Nations	M AN 2/9	2	800	O	10	10	2	H1	H201	64	M	AN	2/30
24-02		Hazardous Material Classification ELEMENT CONDITION: Information in this element is a continuation from H104.	C AN 1/30	2	800	O	10	10	2	H1	H202	274	O	AN	1/30
25		V1 SEGMENT - Vessel Identification	M	2	900	O	2								
25-01		Vessel Code Enter the Vessel Radio Call Sign. If it doesn't have one, enter the Lloyd's number. SOURCE: Lloyd's Register of Shipping	M ID 1/8	2	900	O	2				V101	597	C	ID	1/8
25-02		Vessel Name SOURCE: Lloyd's Register of Shipping	M AN 2/28	2	900	O	2				V102	182	C	AN	2/28

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

RESERVATION (BOOKING REQUEST) (OCEAN)
300.A.007020

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
25-03		Country 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 2/3	2	900	O	2				V103	26	O ID 2/3		
				V103 is the code identifying the country in which the ship (vessel) is registered.											
25-04		Commercial Voyage Number Enter the commercial voyage number.	M AN 2/10	2	900	O	2				V104	55	O AN 2/30		
25-08		Vessel Code Qualifier C - Ship's Radio Call Signal L - Lloyd's Register of Shipping Z - Mutually Defined <i>Use 'Z' to denote Barges or Other Vessels Not Identified by Lloyds.</i>	C ID 1/1	2	900	O	2				V108	897	O ID 1/1		
26		V9 SEGMENT - Spot Date SEGMENT CONDITION: Use when Spot Date applies.	C	2	1000	O	10								
				If V906 is present, then V905 is required. If either V910 or V911 is present, then the other is required. If V913 is present, then V904 is required. If V915 is present, then V909 is required.											
26-01		Event Code SPT - Spot Date	M ID 3/3	2	1000	O	10				V901	304	M ID 3/3		
26-03		Date Enter the spot date.	M DT 8/8	2	1000	O	10				V903	373	O DT 8/8		
				V903 is the event date.											
26-12		Free-form Information Enter the number of containers to be spotted.	C AN 1/30	2	1000	O	10				V912	61	O AN 1/30		
27		V9 SEGMENT - Mileage SEGMENT CONDITION: Use when CONUS (Continental United States) or OCONUS (Outside Continental United States) Mileage applies.	C	2	1000	O	10								
				If V906 is present, then V905 is required. If either V910 or V911 is present, then the other is required. If V913 is present, then V904 is required. If V915 is present, then V909 is required.											
27-01		DTOD Qualifier ZZZ - Mutually Defined <i>Use 'ZZZ' to denote Defense Table of Official Distances (DTOD).</i>	M ID 3/3	2	1000	O	10				V901	304	M ID 3/3		
27-02		Mileage Qualifier Enter value 'SD' to denote CONUS Mileage or '1B' to denote OCONUS Mileage.	M AN 2/2	2	1000	O	10				V902	106	O AN 1/25		

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

RESERVATION (BOOKING REQUEST) (OCEAN)
300.A.007020

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
27-12		Mileage Enter appropriate mileage.	M	AN	1/30	2	1000	O	10			V912	61	O	AN 1/30
28		K1 SEGMENT - Message SEGMENT CONDITION: Use to convey Free Form Text Message as required.	C			2	1100	O	20						
28-01		Free-form Information	M	AN	1/30	2	1100	O	20			K101	61	M	AN 1/30
28-02		Free-form Information	C	AN	1/30	2	1100	O	20			K102	61	O	AN 1/30
29		SE SEGMENT - Reservation (Booking Request) (Ocean) Trailer	M			3	100	M	1						
															SE is the last segment of each transaction set.
29-01		Number of Included Segments Total segments in this transaction set including the ST and SE segments.	M	N0	1/10	3	100	M	1			SE01	96	M	N0 1/10
29-02		Transaction Set Control Number This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.	M	AN	4/9	3	100	M	1			SE02	329	M	AN 4/9

Section 6.0

APPLICATION CODE LISTS

15-01 -- Special Handling Code

Data Value - Definition

045 - Advanced Fee
*** Use '045' to denote Over Height - Continental Europe.*

075 - 75% Ocean Differential - 20 From 40

085 - 85% Inland Differential - 20 From 40

15 - Speed Restricted to 15 Miles per Hour
*** Use '15' to denote 100,000 lb Crane Service.*

170 - Certificate of Origin
*** Use '170' to denote Over Height - Iraq.*

25 - Speed Restricted to 25 Miles per Hour
*** Use '25' to denote 200,000 lb Crane Service.*

35 - Speed Restricted to 35 Miles per Hour
*** Use '35' to denote 300,000 lb Crane Service.*

510 - Offshore - Alaska/Hawaii Service
*** Use '510' to denote Over Height - Jordan.*

555 - Preparation of Canadian Customs Invoice
*** Use '555' to denote Agricultural Clearance.*

565 - Preparation of Export Entry
*** Use '565' to denote Over Height - Kuwait.*

A1M - Aggregate 1000
*** Use 'A1M' to denote Enhanced ITV - GEN II - Door.*

A3M - Aggregate 3000
*** Use 'A3M' to denote Enhanced ITV - GEN II - Port.*

A5M - Aggregate 5000
*** Use 'A5M' to denote Over Height Surcharge - United Arab Emirate.*

AFN - Air Craft Furnished and Not Used
*** Use 'AFN' to denote Aircraft Handling/Air Terminal Services.*

AGG - Aggregate Tender Discount
*** Use 'AGG' to denote Live Load.*

APD - Additional Copy of Shipping Papers for Proof of Delivery
*** Use 'APD' to denote Scanning is to describe the action of scanning the cargo as it relates to security procedures. This accessorial also has a price scheme associated with it. DEFINITION UPDATE DM 1212.*

APL - Appliance Servicing

ARG - Rail Armed Guard Service
*** Use 'ARG' to denote High Risk Waters Armed Security.*

ARR - Air Ride Tractor Service
*** Use 'ARR' to denote Port Arbitrary.*

AT - Attachment to Move with Car
*** Use 'AT' to denote Afghanistan Rail Accessorial.*

AV - Annual Volume
*** Use 'AV' to denote Tank Container.*

BA - Clearinghouse Balance
*** Use 'BA' to denote Outer Routing Torkham.*

BCP - Bypass Consolidation Point
*** Use 'BCP' to denote Import Border Clearance.*

BKA - Bulky Article
*** Use 'BKA' to denote Unusual Size Differential.*

BNS - Bolster Load, Do Not Switch
*** Use 'BNS' to denote 45 Foot Container Differential.*

BU2 - Bunker Adjustment - 20 Foot Container

BU4 - Bunker Adjustment - 40 Foot Container

BUA - Bunker Adjustment

BW - Bill Shipper for Weigh Charge
*** Use 'BW' to denote Live Unload.*

CA2 - Currency Adjustment - 20 Foot Container

CA4 - Currency Adjustment - 40 Foot Container

CCH - Certification
*** Use 'CCH' to denote Enhanced ITV - GEN I.*

CFC - Customs Fees - Container Level
*** Use 'CFC' to denote Cargo Clearance Import.*

CFL - Customs Fees - Lift Level

CGT - Cargo Taxes
*** Use 'CGT' to denote Tax Authority Clearance (TA).*

CH - Carrier
*** Use 'CH' to denote 48 Foot Container Differential.*

CLN - Cleaning
*** Use 'CLN' to denote Rinsing.*

CLS - Class Rates Applied
*** Use 'CLS' to denote 53 Foot Container Differential.*

COR - Certification That the Newsprint Winding Cores Being Returned Empty Were Received Filled by Rail Freight Service
*** Use 'COR' to denote Outer Routing - KUT.*

CPC - Copilot Service
*** Use 'CPC' to denote Expedited Origin Linehaul (up to 199 miles).*

CRL - Container Lease

CTL - Controlled Atmosphere

CTM - Container Mounting
*** Use 'CTM' to denote Outer Routing - KKT.*

CTR - Circuitous Routing
*** Use 'CTR' to denote Outer Routing - Chaman.*

15-01 -- Special Handling Code (CONT)

Data Value - Definition
CUF - Currency Adjustment - Break Bulk <i>** Use 'CUF' to denote Currency Adjustment.</i>
DA - Dangerous
DDZ - Drayage at Port of Debarkation (Rate Zone)
DEZ - Drayage at Port of Embarkation (Rate Zone)
DFD - Keep From Freezing Percent Differential
DLP - Delivery of Fuel From Rail Tank Car to Pipeline <i>** Use 'DLP' to denote Fuel Adjustment Factor (FAF).</i>
DLR - Notify Shipper Immediately if Shipment is Delayed en Route <i>** Use 'DLR' to denote Daily In-Transit Visibility Origin.</i>
DM - Domestic <i>** Use 'DM' to denote Refrigerated Container Maintenance (With Power).</i>
DNC - Do Not Couple to Other Diaphragmed Cars <i>** Use 'DNC' to denote Daily In-transit Visibility Destination.</i>
DOV - Container Diversion
DPD - Drayage at Port of Debarkation
DPE - Drayage at Port of Embarkation
DR - Drop Yard <i>** Use 'DR' to denote Drop and Pick Up.</i>
DRU - Drumming Service <i>** Use 'DRU' to denote Tarping at Origin.</i>
DSR - Dromedary Service Requested <i>** Use 'DSR' to denote Flatrack Tie-Down.</i>
DV - Equipment <i>** Use 'DV' to denote Nuclear Liability Insurance.</i>
ERT - Satisfactory Service Standards <i>** Use 'ERT' to denote Refrigerated Container Maintenance (Without Power).</i>
EXD - Extra Driver
EXL - Extra Length Surcharge <i>** Use 'EXL' to denote Container/Trailer Over-length Surcharge.</i>
EXQ - Expedited Service <i>** Use 'EXQ' to denote Expediate Delivery.</i>
EXU - Exclusive Use of Vehicle Damaged <i>** Use 'EXU' to denote Cargo Handling Import.</i>
EXZ - Expand Remove and Install <i>** Use 'EXZ' to denote Cargo Clearance Export.</i>
EZE - Roadway Easy Rates Applied <i>** Use 'EZE' to denote Enhanced Physical Security.</i>
FAK - Barge Freight All Kinds Service
FB - Tank Container Clean and Empty
FFC - Fuel Filters Furnished by Carrier <i>** Use 'FFC' to denote Security Convoy.</i>
FLS - Flatrack Surcharge
FR - Fragile - Handle with Care <i>** Use 'FR' to denote Customs & Border Clearance Authority (CBCA) Handling Aqaba.</i>
GI - Grain Inspection <i>** Use 'GI' to denote Expedited Linehaul to POE.</i>
GMS - Garment Surcharge
GOC - Empty Government Owned Container
GSS - Greater Security Service
HAN - Handling
HE - Head End Car <i>** Use 'HE' to denote Hazardous Surcharge Destination.</i>
HMA - Accessible Hazardous Material <i>** Use 'HMA' to denote Railcar Inspection.</i>
HO - Hold for Orders <i>** Use 'HO' to denote Hazardous Surcharge Origin.</i>
HZC - Hazardous Materials Surcharge <i>** Use 'HZC' to denote Ammunition Line Haul Service.</i>
HZD - Hazardous Cargo On Deck
I IH - Icing Inhibitor Service <i>** Use 'I IH' to denote Side-load Chassis.</i>
JLX - Joint Line Exception <i>** Use 'JLX' to denote ACR 40FT DRY (BAGRAM).</i>
KMD - Keep Material Dry <i>** Use 'KMD' to denote Dry Container Trucking.</i>
LC2 - Land Currency Adjustment Factor - 20 Foot Container <i>** Use 'LC2' to denote Interior Washing - Interior washing for vehicles on flat racks.</i>
LC4 - Land Currency Adjustment - 40 Foot Container <i>** Use 'LC4' to denote Outer Routing on KKT-TSR - Northern Distribution Network (NDN) routing.</i>
LCL - Percent Differential - Less Than Container
LD - Loading Devices <i>** Use 'LD' to denote Transloading/Material Handling Equipment (MHE) Support.</i>
LEC - Less Than Container
LFD - Linehaul from Port of Debarkation
LMD - Liner Terms at Port of Debarkation
LME - Liner Terms at Port of Embarkation
LPD - Linehaul Percent Differential
LTE - Linehaul To Port of Embarkation
MAT - Modified Atmosphere

15-01 -- Special Handling Code (CONT)

Data Value - Definition
MES - Escort ** Use 'MES' to denote Escort/Supercargo.
MP - Multiple Pickup ** Use 'MP' to denote Drop and Pick - Round Robin (Per booking).
NI - New Equipment First Transborder Movement ** Use 'NI' to denote Customs & Border Clearance Authority (CBCA) Handling Jebel Ali.
OCN - Over Height Container
OCS - Completing Shipment ** Use 'OCS' to denote Requirement for a Complete Washing to Comply with USDA Regulations.
OFU - Fumigation
OHC - Harmless ** Use 'OHC' to denote Overheight Surcharge Afghanistan.
OOD - On Deck Stowage
OSB - Stow Below Deck
OTC - Temperature Control ** Use 'OTC' to denote Dual Temperature Reefer Service.
OVR - Overflow ** Use 'OVR' to denote Overweight 70000 For Break Bulk Only.
OWC - Over Width Container
OWR - One Way Rates Applied ** Use 'OWR' to denote Overweight 44000 For Break Bulk Only.
PMR - Expedited Delivery - Additional Mile Over 599
PRT - Stuffing Charge
PS - Product Protection Service ** Use 'PS' to denote 3D Inspection (Disinfestation, Disinsection, Disinfection, and Sanitation).
PTS - Protective Tarp For Security Purposes ** Use 'PTS' to denote Tarping at Destination.
PUK - Pack and Unpack ** Use 'PUK' to denote Crating.
PVP - Private Owned Vehicle Processing
RDH - Railhead Handling
REP - Respotting
RFM - Reefer Maintenance
RPD - Reefer Cargo Percent Differential ** Use 'RPD' to denote Percentage Differential Accessorial for Refrigerated Cargo.
RRR - Round Trip Service ** Use 'RRR' to denote Genset Rental.
RT - Record for Transit ** Use 'RT' to denote Protective Weapon Service.
SD - Subject to Special Detention Rules/Charges
SEC - Special Equipment Charge ** Use 'SEC' to denote Open-Top Surcharge when an Open Top Container (Van Type Code is '4') is ordered. SER - Service Charge Applies ** Use 'SER' to denote Service Charge Applies/Guam Fee for Fruits and Vegetables.
SFB - Single Factor Origination/Destination
SFD - Single Factor Origination/Port of Debarkation
SFE - Single Factor Port of Embarkation/Destination
SLC - Shipper Load and Count ** Use 'SLC' to denote Superload.
SOC - Stop-off ** Use 'SOC' to denote Mini Stop-Off (OCONUS).
SPC - Special Permit ** Use 'SPC' to denote Small Arms Ammunition.
SSC - Stripping, Sorting & Consolidation ** Use 'SSC' to denote Stripping.
SSN - Substitute Service Not to be Used ** Use 'SSN' to denote Origin Special Services - Afghanistan.
SSU - Pole Lashing Equipment (PLE) Surcharge
STA - Conductivity/Anti-static Additive ** Use 'STA' to denote Expedited Origin Linehaul (200 miles to 400 miles).
STD - Stop-off at Destination ** Use 'STD' to denote OCONUS Stop-off.
STO - Stowage
STP - Stop-off at Origination ** Use 'STP' to denote CONUS Stop-off.
TER - Terminal Handling Charges
TRM - Termination ** Use 'TRM' to denote Transloading Destination.
TRN - Transfer Product ** Use 'TRN' to denote Transloading Origin.
TRS - Trade Show ** Use 'TRS' to denote Expedited Origin Linehaul (401 miles to 599 miles).
TS - Transit Shipment ** Use 'TS' to denote Mini Stop-Offs (CONUS).
TT - Team Track Delivery ** Use 'TT' to denote Expedited Origin Linehaul (base charge > 599 miles).
TV - Time Volume Rates Only ** Use 'TV' to denote Expedited Origin Linehaul (ad'll charge > 599 miles).
VCL - Van Cleaning ** Use 'VCL' to denote Wash-Clean-Purge-Certified.

15-01 -- Special Handling Code (CONT)

Data Value - Definition
<p>VIS - Vehicles Inoperable VSO - Stop-off Delivery of Personal Vehicles <i>** Use 'VSO' to denote Veterinarian Inspectable.</i> WBB - Wharfage - Breakbulk WCT - Wharfage - Container WFG - Wharfage WRB - War Risk Crew Bonus WRI - War Risk Insurance XP - Export <i>** Use 'XP' to denote An Accessorial Export Border Clearance Service will be Applied for Break Bulk and Container Cargo Originating from Afghanistan to Pakistan for Export via Karachi, Pakistan.</i> ZZZ - Mutually Defined <i>** Use 'ZZZ' to denote Customs Services-Cargo Clearance.</i></p>

17-11 -- Equipment Description Code

Data Value - Definition
AC - Closed Container
AT - Closed Container (Controlled Temperature)
BC - Covered Barge
BK - Container, Bulk
BO - Barge Open
BR - Barge
CC - Container resting on a Chassis
CG - Container, Tank (Gas)
CI - Container, Insulated
CJ - Container, Insulated/Ventilated
CL - Container (Closed Top - Length Unspecified)
CM - Container, Open-Sided
CN - Container
CQ - Container, Tank (Food Grade-Liquid)
CS - Container-Low Side Open Top
CU - Container (Open Top - Length Unspecified)
CV - Closed Van
CW - Container, Tank (Chemicals)
CX - Container, Tank
CZ - Refrigerated Container
DT - Drop Back Trailer
FH - Flat Bed Trailer with Headboards
FN - Flat Bed Trailer with No Headboards
FR - Flat Bed Trailer - Removable Sides
FT - Flat Bed Trailer
HB - Container with Hangar Bars
HV - High Cube Van
IX - Boxcar (Insulated)
LS - Half Height Flat Rack
OT - Open-top/flatbed trailer
OV - Open Top Van
PL - Container, Platform
RA - Fixed-Rack, Flat-Bed Trailer
RC - Refrigerated (Reefer) Car
RD - Fixed-Rack, Double Drop Trailer
RE - Flat Car (End Bulkheads)
RF - Flat Car
RR - Rail Car
RS - Fixed-Rack, Single-Drop Trailer
RT - Controlled Temperature Trailer (Reefer)
SD - Single-Drop Trailer
SL - Container, Steel
SS - Container with Smooth Sides
ST - Removable Side Trailer
TA - Trailer, Heated/Insulated/Ventilated
TC - Trailer, Car
TF - Trailer, Dry Freight
TI - Trailer, Insulated
TL - Trailer (not otherwise specified)
TM - Trailer, Insulated/Ventilated
TW - Trailer, Refrigerated
VA - Container, Vented

19-05 -- Packaging Code

Data Value - Definition
71 - Not Otherwise Specified AMM - Ammo Pack AMP - Ampoule BAG - Bag BBL - Barrel BDL - Bundle BOX - Box CAN - Can CNA - Household Goods Container, Wood CNT - Container CRT - Crate CTN - Carton CX2 - CONEX CYL - Cylinder DBK - Dry Bulk DRM - Drum KEG - Keg LBK - Liquid Bulk ML2 - MILVAN MS2 - MSCVAN PCS - Pieces PLT - Pallet REL - Reel SKD - Skid SV2 - SEAVAN TNK - Tank VEH - Vehicles <i>** Use 'VEH' to denote Vehicles Inoperable (INOP).</i> WHE - On Own Wheel <i>** Use 'WHE' to denote Self Propelled.</i>