Department
of
Defense

DoD Transportation Electronic Business (DTEB) Convention

ASC X12 Transaction Set 300
Reservation (Booking Request)
(Ocean) (Version 004010)

VERSION 17

September 2023

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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 the World-Wide Web at

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

Who Needs to Use This Document?

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

Why Use a Convention?

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

Contents

Additional sections are included in this document.

- Section 2.0, Control Segments, identifies the specific data requirements for formatting the EDI interchange control segments that envelop all EDI transactions.

- Section 3.0, Standard Implementation Convention, lists the layout of the target transaction set by segment and data element. Identified along side each transaction set data element is the IC Element Matrix index number from Section 4.0.

- Section 4.0, IC Element Matrix, identifies the application data elements trading partners need to exchange. 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 17

DM Number	DM Description	Approval Date
1339	In the 300.A.004010, 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	09/19/2023

Added in Version 16

DM Number	DM Description	Approval Date
1321	At Section 3 Ref H301 Data Element 152 and Section 6.0, Application Code Lists, for Index 15-01 Special Handling Code add the following X12 approved codes with DOD definitions: X12 Code == X12 Definition == DOD Definition DIS == Distribution Service Requested == Kuwait Port Clearance Surcharge HR == Home for Repair == Additional Tobacco Stopoff	1/25/2021

Added in Version 15

DM Number	DM Description	Approval Date
1314	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)"	10/4/2019

Added in Version 14

DM Number	DM Description	Approval Date
1312	At Section 3 Heading N103 (Position Number 080, Index 8-03) add Code value 33 - Commercial and Government Entity (CAGE). Adding code value 33 to designate CAGE will only be in effect for the duration of the TMS prototype.	8/2/2019
1311	At Section 3 Heading N901 (Position Number 069) add Code value SI - Shipper's Identifying Number for Shipment (SID). Add Usage Note: "For TMS, Code Value SI = Freight Booking Number."	7/26/2019

Added in Version 13

DM Number	DM Description	Approval Date
1299	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)	2/27/2019

Added in Version 12

DM Number	DM Description	Approval Date
1283	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: Add DOD definitions: Code == X12 Definition == DoD Definition DNC == Do Not Couple to Other Diaphragmed Cars == Daily In-transit Visibility Destination 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)	5/24/2018

Added in Version 11

DM Number	DM Description	Approval Date
1221	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	4/20/2016

Added in Version 10

DM Number	DM Description	Approval Date
1219	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."	3/15/2016
1216	In the L505, DE 103 at Index 19-05 request the following changes to the DOD definitions of X12 codes: VEH == Vehicles == Use 'VEH' to denote Vehicles Inoperable (INOP) WHE == On Own Wheel == Use 'WHE' to denote Self Propelled	2/19/2016
1212	In the H301, DE152 at index [15-01] and in section 6 on the code value 'APD' add the following usage note: "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".	11/20/2015
1204	At Section 3 Ref H301 Data Element 152 and Section 6.0 Application Code Lists for Index 15-01 Special Handling Code add the following X12 approved code with DOD definition: Code == X12 Definition == DOD Definition CMD == Comb. Rates over Detroit == Redelivery of Keep From Freezing	10/23/2015
1202	At Section 3 Ref H301 Data Element 152 and Section 6.0 Application Code Lists for Index 15-01 Special Handling Code add the following X12 approved codes with DOD definitions: Code == X12 Definition == DOD Definition IMP == Impactographs == Expedited Delivery Up to 199 miles MET == Escort Services (Telephone) == Expedited Delivery 200-400 miles NPR == No Placards Required == Expedited Delivery 401-599 miles OCA == Cargo Aboard == Expedited Delivery Over 599 miles	10/13/2015
1201	At Section 3 Ref H301 Data Element 152 and Section 6.0 Application Code Lists for Index 15-01 Special Handling Code add the following X12 approved code: Code == X12 Definition FCS == Furnishing Chassis	10/13/2015

Added in Version 9

DM Number	DM Description	Approval Date
1197	Add Note to Section 4.0 Index 5-10 DoD Information for Data Element Total Stopoffs: "Use first character from the Y210 to denote the number of Stop-offs and the second to denote the number of Mini Stop-Offs. For example, if one stop-off with 2 mini stop-offs then the value will read 12."	8/24/2015
1196	At Section 3 Ref H301 Data Element 152 and Section 6.0 Application Code Lists for index 15-01 Special Handling Code add the following X12 approved codes with DOD definitions: Code == X12 Definition == DoD Definition APD -- X12 defines as "Additional Copy of Shipping Papers for Proof of Delivery" -- Use 'APD' to denote Scanning'	8/24/2015
1195	At Section 3 Ref H301 Data Element 152 and Section 6.0 Application Code Lists for index 15-01 Special Handling Code add the following X12 approved codes with DOD definitions: Code == X12 Definition == DoD Definition TS -- X12 defines as "Transit Shipment" -- **Use 'TS' to denote Mini Stop-Offs (CONUS)	8/24/2015
1194	At Section 3 Ref H301 Data Element 152 and Section 6.0; Application Code Lists for index 15-01 Special Handling Code; Change SOC use from SOC - Stop-off Use 'SOC' to denote Intermediate Port Stop; to SOC - Stop-off Use 'SOC' to denote Mini Stop-Off (OCONUS)	8/24/2015

Added in Version 8

DM Number	DM Description	Approval Date
1157	At index 3-01 in the G6101, DE 366, remove note stating: "Booking contact is the Ocean Cargo Clearance Authority at Ft. Eustis, VA. Enter Code Value 'IC' to comply with X12 syntax. CHANGE NOTE: Modify user note per DM 744". Add new DoD definition to the code value 'IC' that reads: "Use 'IC' to denote Booking Contact".	12/15/2014
1151	Add B101 to the B1 segment (currently not used). Make the B101 mandatory for DOD usage. SCAC code is desired and is what the X12 calls the element. 2/4 is fine for the lengths.	2/24/2015

Added in Version 7

DM Number	DM Description	Approval Date
1140	B1 Segment: 1. ADD Index 2-03, Ref B103, Data Element 373, Date. This is an approved X12 data element for this segment and EDI 300 but not currently reflected in Section 4.0. In the DoD Information, Data Name Notes and Codes, reflect as Data Name 'Reservation Action Date', 'M', DT, 8/8. 2. ADD to Index 2-04, B1 Segment, Ref B104, Data Element 558, Reservation Action Code; the following X12 approved codes with DOD definitions: Code == X12 Definition == DoD Definition B == Conditional Acceptance == Reinstatement 3. ADD TO NOTE at Index 2-04, B1 Segment, Ref B104, Data Element 558, Reservation Action Code: "Use code 'B' to reinstate a booking. A TS 303 with Reservation Action Code (B104) of 'D' or 'R' will precede a TS 300 with a Reservation Action Code 'B'."	7/8/2014
1139	At Section 3 Ref H301 Data Element 152 and Section 6.0 Application Code Lists for index 15-01 Special Handling Code add the following X12 approved codes with DOD definitions: Code == X12 Definition == DoD Definition AFN == Air Craft Furnished and Not Used == Aircraft Handling/Air Terminal Services LD == Loading Devices == Transloading/Material Handling Equipment (MHE) Support	7/8/2014

Added in Version 6

DM Number	DM Description	Approval Date
1133	At Section 3 Ref H301 Data Element 152 and Section 6.0 Application Code Lists for index 15-01 Special Handling Code add the following X12 approved code with DOD definition: Code == X12 Definition == DoD Definition SSN == Substitute Service Not to be Used == Origin Special Services - Afghanistan	2/25/2014
1128	In section 3.0 of the 300 Reservation (Booking Request) (Ocean) transaction table flag the L1 segment as position 065 as used. Add Segment L1 (Loop: LX, Level: Detail, Usage: Optional, Max Use: 20, Purpose: To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements) after the L4 Segment information. Add segment usage note that reads: "This segment contains syntax that is not compliant with this version of the ASC X12 standards. X12 data maintenance has been submitted requesting updates to match the DTEB implementation. Once approved this transaction set will be upgraded to the version of the ASC X12 standards that support the functional requirements". Add the following data elements for segment L1: L101, DE 213, Lading Line Item Number, with attributes M, N0, 1/3. L102, DE 60, Freight Rate, with attributes C, R, 1/9. L103, DE 122, Rate/Value Qualifier, with attributes C, ID, 2/2. L104, DE 58, Charge, with attributes M, N2, 1/12. L108, DE 150, Special Charge or Allowance Code, with attributes C, ID, 3/3. L112, DE 276, Special Charge Description, with attributes C, AN, 2/25.	12/18/2013
1125	At index 12-02 add code 'IM - Military Standard Movement Procedures (MILSTAMP) Location Qualifier' in the R402. Delete current note which appears to be erronous. Add a note to state that MILSTAMP is also known as DOD Water Port Codes. Add note stating the source of the DOD Water Port Codes is TRDM. Add note stating DOD prefers the DOD Water Port Codes be sent vs. the Schedule D or K Census codes.	11/12/2013

Added in Version 5

DM Number	DM Description	Approval Date
1121	At index 3-03, add the following code to the G6103, DE365 - Communications Number Qualifier: Code == X12 Definition EM == Electronic Mail At index 3-04, G6104, DE 364 - Communication Number change element note FROM: "Enter Telephone Number of Booker at SDDC Booking Office." TO: "Enter telephone number of Booker at SDDC Booking Office when G6103 = 'TE'. Enter Electronic Mail (e-mail) address of Booker at SDDC Booking Office when G6103 = 'EM'." At index 11 change the SEGMENT CONDITION note FROM: "SEGMENT CONDITION: Use to convey Shipper POC as required." TO: "Use to convey POC as required." At index 11-01, G6101 change element name element name FROM: "Shipper Contact Code" TO: "Contact Code". At index 11-02 change element note FROM: "Enter the shipper POC name." TO: "Enter the POC name." At index 11-03, add the following code value to the G6103, DE 365 - Communication Number Qualifier: Code == X12 Definition EM == Electronic Mail At index 11-04, G6104, DE 364 - Communication Number change element note FROM: "Enter the Shipper telephone number." TO: "Enter the telephone number when G6103 = 'TE'. Enter the electronic mail (e-mail) address when G6103 = 'EM'."	9/9/2013
1117	At Section 3 Ref H301 Data Element 152 and Section 6.0 Application Code Lists for index 15-01 Special Handling Code add the following X12 approved codes with DOD definitions: Code == X12 Definition == DoD Definition ARG == Rail Armed Guard Service == High Risk Waters Armed Security	9/13/2013
1116	At Section 3 Ref H301 Data Element 152 and Section 6.0 Application Code Lists for index 15-01 Special Handling Code add the following X12 approved codes with DOD definitions: Code == X12 Definition == DoD Definition BNS == Bolster Load, Do Not Switch == 45 FT CONTAINER DIFFERENTIAL CH == Carrier == 48 FT CONTAINER DIFFERENTIAL CLS == Class Rates Applied == 53 FT CONTAINER DIFFERENTIAL DM == Domestic == REFRIGERATED CONTAINER MAINTENANCE (WITH POWER) ERT == Satisfactory Service Standards == REFRIGERATED CONTAINER MAINTENANCE (WITHOUT POWER)	7/11/2013

1115	At Section 3 Ref H301 Data Element 152 and Section 6.0 Application Code Lists for index 15-01 Special Handling Code add the following X12 approved codes with DOD definitions: Code == X12 Definition == DoD Definition DV == Equipment == Nuclear Liability Insurance RT == Record for Transit == Protective Weapon Service	7/11/2013
1114	Section 3.0 Segment H3 Max Use from 6 to 20. Section 4.0 Index 15 Segment H3, ADD under DoD Recommended attributes Max Use 20. Add segment usage note that reads: "This segment contains syntax that is not compliant with this version of the ASC X12 standard. X12 data maintenance has been submitted requesting updates to match the DTEB implementation. Once approved this transaction set will be upgraded to the version of the ASC X12 standard that supports the functional requirements."	7/11/2013
1094	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 DOD definitions: Code == X12 Definition == DoD Definition CGT == Cargo Taxes == Tax Authority Clearance (TA)	3/18/2013
1092	At Section 3 Ref H301 Data Element 152 and Section 6.0 Application Code Lists for index 15-01 Special Handling Code change/add the following X12 approved codes with DOD definitions: Code == X12 Definition == DoD Definition PS == Product Protection Service == 3D Inspection (Disinfestation, Disinsection, Disinfection and Sanitation) 15 == Speed Restricted to 15 Miles per Hour == 100,000 lb Crane Service 25 == Speed Restricted to 25 Miles per Hour == 200,000 lb Crane Service 35 == Speed Restricted to 35 Miles per Hour == 300,000 lb Crane Service	3/7/2013

Added in Version 4

DM Number	DM Description	Approval Date
1068	At Section 3 Ref H301 Data Element 152 and Section 6.0 Application Code Lists for index 15-01, Special Handling Code add the following X12 approved codes with DOD definitions: CUF - Currency Adjustment - Break Bulk; DOD Definition: Currency Adjustment DLP - Delivery of Fuel From Rail Tank Car to Pipeline, DOD Definition: Fuel Adjustment Factor (FAF)	1/28/2013
1066	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 codes to add DOD definitions: Code == X12 Definition == DoD Definition LC2 == Land Currency Adjustment Factor - 20 Foot Container == Interior Washing - Interior washing for vehicles on flat racks LC4 == Land Currency Adjustment - 40 Foot Container == Outer Routing on KKT-TSR - Northern Distribution Network (NDN) routing	10/29/2012

Added in Version 3

DM Number	DM Description	Approval Date
1056	At Section 3 Ref H301 Data Element 152 and Section 4.0 index 15-01 (Data Element 152 Ref H301) add the following codes with DOD definition provided: Code == X12 Definition == DoD Definition 045 == Advanced Fee == Over height - Continental Europe 170 == Certificate of Origin == Over height - Iraq 510 == Offshore - Alaska/Hawaii Service == Over height - Jordan 565 == Preparation of Export Entry == Over height - Kuwait A5M == Aggregate 5000 == Over height Surcharge - United Arab Emirate AT == Attachment to Move with Car == Afghanistan Rail Accessorial AV == Annual Volume == Tank Container BA == Clearinghouse Balance == Outer Routing Torkham CPC == Copilot Service == Expedited Origin Linehaul (up to 199 miles) STA == Conductivity/Anti-static Additive == Expedited Origin Linehaul (200 miles to 400 miles) TRS == Trade Show == Expedited Origin Linehaul (401 miles to 599 miles) TT == Team Track Delivery == Expedited Origin Linehaul (base charge > 599 miles) TV == Time Volume Rates Only == Expedited Origin Linehaul (ad'll charge > 599 miles)	7/31/2012
1051	At index 15-01 add the following codes with DOD definition provided: Code - X12 Definition - DoD Definition === VCL - Van Cleaning - Wash-Clean-Purge-Certified PUK - Pack and Unpack - Crating KMD - Keep Material Dry - Dry Container Trucking	7/5/2012

Added in Version 2

DM Number	DM Description	Approval Date
1038	Change H109 at index 21-09 from mandatory to conditional. Change note to read: "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."	2/27/2012
1034	At index 15-01 add the following codes with DOD definition provided: Code DoD Definition == OFU Fumigation 555 Agricultural Clearance	2/7/2011
1032	At index 15-01 add the following codes with DOD definition provided: Code DoD Definition == SOC Intermediate Port Stop FR Customs & Border Clearance Authority (CBCA) Handling Aqaba NI Customs & Border Clearance Authority (CBCA) Handling Jebel Ali	2/25/2012

Added in Version 1

DM Number   DM Description   Approval Date

1018	Delete the following indices from the IC:	8/1/2011

16 - H3 SEGMENT - Notify Shipper Immediately if Shipment is Delayed en Route
17 - H3 SEGMENT - Export Border Clearance Service for Pakistan-Afghanistan Border
18 - H3 SEGMENT - Washing Service (Full Wash) Special Handling
19 - H3 SEGMENT - Karachi Transload Surcharge Accessorials
20 - H3 SEGMENT - Inoperable Vehicle

At index 15-01 add the following codes with DOD definition provided:

Code   DoD Definition
==
A1M   Enhanced ITV - GEN II - Door
A3M   Enhanced ITV - GEN II - Port
ARR   Port Arbitrary
BCP   Import Border Clearance
CLN   Rinsing
COR   Outer Routing - KUT
CTM   Outer Routing - KKT
CTR   Outer Routing - Chaman
DLR   Daily In-transit Visibility
DR   Drop and Pick Up
DRU   Tarping at Origin
EXQ   Expediate Delivery
EXZ   Cargo Clearance Export
EXU   Cargo Handling Import
MP   Drop and Pick - Round Robin (Per Booking)
OCS   Requirement for a Complete Washing to Comply with USD Regulations
OHC   Overheight Surcharge Afghanistan
OVR   Overweight 70000 For Break Bulk Only
OWR   Overweight 44000 For Break Bulk Only
RRR   Genset Rental
SLC   Superload
TRM   Transloading Destination
TRN   Transloading Origin
VIS   Vehicles Inoperable
VSO   Veterinarian Inspectable
XP   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

At index 15-01 change the DOD definition for the following existing code value:

Code   DOD Definition (NEW)
==
CCH   Enhanced ITV - GEN I
CFC   Cargo Clearance Import

PTS   Tarping at Destination

Section 2.0

CONTROL SEGMENTS

Instruction

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

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

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Section 3.0

STANDARD IMPLEMENTATION CONVENTION

This section presents the DoD's convention for generating Reservation (Booking Request) (Ocean) using *ASC* X12 Transaction Set 300 Reservation (Booking Request) (Ocean) (Version 004010).

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

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

Used   - Segment or data element is used.

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

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300

Functional Group=

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
020	B1		M	1			Used
025	G61		O	3			Used
050	Y1		M	1			Used
LOOP ID - Y2					**10**		
060	Y2		O	1			Must use
065	W09		O	1			Used
069	N9		O	100			Used
LOOP ID - N1					**10**		
080	N1		M	1			Used
100	N3		O	2			Used
110	N4		O	1			Used
120	G61		O	3			Used
LOOP ID - R4					**20**		
130	R4		M	1			Used
140	DTM		O	15			Used
150	W09		O	1			Used
160	H3		O	6			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - LX					**999**		
010	LX		M	1			Used
020	N7		O	1			Used
040	L0		O	1			Must use
050	L5		O	1			Must use
060	L4		O	1			Used
065	L1		O	1			Used
LOOP ID - H1					**10**		
070	H1		O	1			Used
080	H2		O	10			Used
090	V1		O	2			Must use
100	V9		O	10			Used
110	K1		O	2			Used

B1

Pos: 020	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 4**

User Option (Usage): Used

DoD Segment Definition:

[2] B1 SEGMENT - Shipment Identification

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
B101	140		O	ID	2/4	Must use

> **DoD Definition:** *[2-01] Standard Carrier Alpha Code*
>
> *SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
B102	145		M	AN	1/30	Used

> **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.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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, expressed as CCYYMMDD*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
B104	558		O	ID	1/1	Must use

> **DoD Definition:** *[2-04] Reservation Action Code*
>
> *Use code 'B' to reinstate a booking. A TS 303 with Reservation Action Code (B104) of 'D' or 'R' will precede a TS 300 with a Reservation Action Code 'B'.*
>
> *Use code value 'U' AFTER an Ocean Carrier receives an initial TS 300 offering using a code value 'N'.*
>
> *EXAMPLE 1: (Cargo Offering Increase) An initial offering may have been for ten (10) containers of cargo. The Ocean Carrier transmits a TS 301 Confirmation for all ten (10) containers. A shipper then indicates that it wants to increase the offering from the initial ten (10) containers to fifteen (15) containers. BS will then transmit another TS 300 using the code value 'U'. The number of containers will be the total number of containers fifteen (15), NOT just the additional ones. The Ocean Carriers can then send back a TS 301 accepting the fifteen (15), or rejecting just those five (5), since they've already accepted the original ten (10). EXAMPLE 2: (Cargo Offering Decrease) If after an initial TS 300 for ten (10) containers of cargo has been accepted by an Ocean Carrier and the shipper needs to decrease that offer by six (6), IBS will transmit a TS 300 with a code value 'U' indicating that only four (4) containers are being offered. The Ocean Carrier can send either a TS 301 accepting only those four (4) containers or a TS 301 rejecting the booking.*

Code	Name
B	**DoD Definition:**
	[2-04] Conditional Acceptance
	Use 'B' to denote Reinstatement
N	**DoD Definition:**
	[2-04] New
U	**DoD Definition:**
	[2-04] Change

G61

Pos: 025	**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*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6102	93		M	AN	1/60	Used

DoD Definition: *[3-02] Name*

Enter Booker Name at SDDC Booking Office.

CHANGE NOTE: User note added per DM 744.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6104	364		X	AN	1/80	Used

DoD Definition: *[3-04] Communication Number*

Enter telephone number of Booker at SDDC Booking Office when G6103 = 'TE'. Enter
Electronic Mail (e-mail) address of Booker at SDDC Booking Office when G6103 = 'EM'

Y1

Pos: 050	**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
CHANGE NOTE: References to "flight" removed from Y1 segment per DM 744.

Element Summary:

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

CHANGE NOTE: Segment and elements of segment renamed Sailing Date per DM 744

Y102	373		X	DT	8/8	Must use

DoD Definition: *[4-02] Sailing 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*

CHANGE NOTE: User note modified and code values 'LT' and 'O' eliminated per DM 744.

ELEMENT CONDITION: Use for Breakbulk and RORO only. If not used, assume shipment to be used for Container movement.

<u>Code</u>	<u>Name</u>
Q	**DoD Definition:**
	[4-04] Conventional Ocean *Use 'Q' to denote Breakbulk or RORO*

Y109	374		X	ID	3/3	Must use

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

CHANGE NOTE: Code value and user note added per DM 713.

<u>Code</u>	<u>Name</u>
169	**DoD Definition:**
	[4-09] Product Availability Date *Use '169' to denote Cargo Availability Date*

Loop

Pos: 060	Repeat: 10
Optional	
Loop: Y2	Elements: N/A

User Option (Usage): Must use

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
060	Y2		O	1		Must use
065	W09		O	1		Used

Y2

<table>
<tr><td>**Pos: 060**</td><td>**Max: 1**</td></tr>
<tr><td colspan="2">**Heading - Optional**</td></tr>
<tr><td>**Loop: Y2**</td><td>**Elements: 6**</td></tr>
</table>

User Option (Usage): Must use

DoD Segment Definition:

[5] Y2 SEGMENT - Container Information
CHANGE NOTE: Segment made mandatory per DM 744.

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*

Use a value zero (0) if offering breakbulk.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Y202	78		O	ID	1/1	Used

DoD Definition: *[5-02] Container Type Request Code*

CHANGE NOTE: Code value 'S' removed and code value 'W' added per DM 744.

ELEMENT CONDITION: Only used for CONTAINERIZED cargo.

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Y203	56		O	ID	2/2	Used

DoD Definition: *[5-03] Type of Service Code*

ELEMENT CONDITION: Use only for breakbulk

Code	Name
NC	**DoD Definition:**
	[5-03] Non-containerized cargo

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.

CHANGE NOTE: ISO reference updated per DM 740.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Y208	464		O	ID	3/3	Used

DoD Definition: *[5-08] Container Terms Code*

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
Y210	466		O	N0	1/2	Used

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**

DoD Definition: *[5-10] Total Stopoffs*

Use first character from the Y210 to denote the number of Stop-offs and the second to denote the number of Mini Stop-Offs. For example, if one stop-off with 2 mini stop-offs then the value will read 12.

W09

Pos: 065	**Max: 1**
Heading - Optional	
Loop: Y2	**Elements: 6**

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
CHANGE NOTE: Segment inserted per DM 653.
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 150.

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
CZ	**DoD Definition:**
	[6-01] Refrigerated Container

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0902	408		X	R	1/4	Must use

DoD Definition: *[6-02] Temperature*
Enter the Required Set Temperature.

CHANGE NOTE: Modify user note and make element mandatory per DM 744.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0903	355		X	ID	2/2	Must use

DoD Definition: *[6-03] Unit or Basis for Measurement Code*
CHANGE NOTE: Make element mandatory per DM 744.

Code	Name
FA	**DoD Definition:**
	[6-03] Fahrenheit

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0904	408		X	R	1/4	Used

DoD Definition: *[6-04] Temperature*
Enter the maximum temperature.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0906	3		O	AN	1/60	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage

DoD Definition: *[6-06] Equipment and Temperature*

Enter a specifically desired Fahrenheit temperature preceded by a plus (+) or minus (-) sign.

N9

Pos: 069   Max: 100
Heading - Optional
Loop: N/A   Elements: 4

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
SEGMENT CONDITION: Ocean carriers should always expect a voyage number and TCN.

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*

CHANGE NOTE: Change user note to indicate code value 'CT' is used to denote contract number (as opposed to contract type) per DM #688. Code value 'CE' added to bring IC documentation in line with current usage per NVR DM #678.

Code Name

2E   **DoD Definition:**
         [7-01] Foreign Military Sales Case Number

3X   **DoD Definition:**
         [7-01] Subcontract Number

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

SI   **DoD Definition:**
         [7-01] Shipper's Identifying Number for Shipment (SID)
         Use 'SI' to denote Shipper's Identifying Number for Shipment (SID). Note: For TMS Prototype, Code Value SI = Freight Booking Number.

TG   **DoD Definition:**
         [7-01] Transportation Control Number (TCN)
         Use 'TG' to denote SEAVAN TCNs (All breakbulk TCNs will be located in L506)

TH   **DoD Definition:**
         [7-01] Transportation Account Code (TAC)

V3   **DoD Definition:**
         [7-01] Voyage Number
         Use 'V3' to denote Military Voyage Number

N902	127		X	AN	1/30	Must use

DoD Definition: *[7-02] Reference Identification*

N903	369		X	AN	1/45	Used

DoD Definition: *[7-03] Transportation Tracking Number (TTN)*

ELEMENT CONDITION: When this N9 segment refers to a TCN (N901='TG') and TTN applies, convey the TTN in the N903 to associate the TCN, TTN, and container number all together in a single N9 segment.

N907	C040		O	Comp		Used

DoD Definition: *[7-07] Ocean Container Number Header*

CHANGE NOTE: Composite data element added per DM 729.

COMPOSITE CONDITION: When this segment refers to a TCN (code value 'TG' in this N901) and when an offer is generated for Government-owned containers, use this composite data element to specify the Ocean Container Number associated with the TCN.

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.

N907-01	128		M	ID	2/3	Used

DoD Definition: *[7-07-01] Ocean Container Number Qualifier*

Code	**Name**
OC	**DoD Definition:**
	[7-07-01] Ocean Container Number

N907-02	127		M	AN	1/30	Used

DoD Definition: *[7-07-02] Ocean Container Number*

Enter the 11-character Ocean Container Number.

Loop

Pos: 080	**Repeat: 10**
Mandatory	
Loop: N1	**Elements: N/A**

User Option (Usage): Used

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
080	N1		M	1		Used
100	N3		O	2		Used
110	N4		O	1		Used
120	G61		O	3		Used

N1

<table>
<tr><td>Pos: 080</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N1</td><td>Elements: 4</td></tr>
</table>

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
CC	**DoD Definition:** *[8-01] Claimant* *Use 'CC' to denote CCP*
CI	**DoD Definition:** *[8-01] Consignor* *Use 'CI' to denote Commercial Vendor Location (when appropriate).* *CHANGE NOTE: User note added per DM 635*
CN	**DoD Definition:** *[8-01] Consignee*
EX	**DoD Definition:** *[8-01] Exporter* *Use 'EX' to denote POE*
IM	**DoD Definition:** *[8-01] Importer* *Use 'IM' to denote POD*
SH	**DoD Definition:** *[8-01] Shipper*
TC	**DoD Definition:** *[8-01] Tool Source* *Use 'TC' to denote Theater Consolidation Shipping Point (TCSB).* *CHANGE NOTE: Code value 'TC' definition modified per DM 852*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93		X	AN	1/60	Used

DoD Definition: *[8-02] Name*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66		X	ID	1/2	Used

DoD Definition: *[8-03] Location Code Qualifier*

CHANGE NOTE: User note added per DM 852.

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage

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 Lattitude/Longitude

33	**DoD Definition:**
	[8-03] Commercial and Government Entity (CAGE)
	Use '33' to denote Commercial and Government Entity (CAGE). Note: Only to be in effect for the duration of the TMS prototype.

37	**DoD Definition:**
	[8-03] United Nations Vendor Code
	Use '37' to denote UNLOC Code

BE	**DoD Definition:**
	[8-03] Common Language Location Identification (CLLI)
	Use 'BE' to denote Inland Location Code (ILC)

LC	**DoD Definition:**
	[8-03] Agency Location Code (U.S. Government)
	Use 'LC' to denote GEOLOC

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67		X	AN	2/80	Used

DoD Definition: *[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.)

CHANGE NOTE: User note modified per DM 852.

N3

Pos: 100	**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.

CHANGE NOTE: SEGMENT CONDITION modified per DM 852
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

<table>
<tr><td>Pos: 110</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 4</td></tr>
</table>

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

[10] N4 SEGMENT - Geographic Location
CHANGE NOTE: Segment name, usage attribute, and SEGMENT CONDITION
changed per DM 852
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		O	ID	2/2	Used
		DoD Definition: *[10-02] State or Province Code*				
		SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center				
N403	116		O	ID	3/15	Used
		DoD Definition: *[10-03] Postal Code*				
		SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents				
N404	26		O	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: 120	**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).* *CHANGE NOTE: Add code value 'DI' and user note per DM 635*
OC	**DoD Definition:**
	[11-01] Order Contact *Use 'OC' to denote Order Contact.* *CHANGE NOTE: Add code value 'OC' per DM 635*
SH	**DoD Definition:**
	[11-01] Shipper Contact *Use 'SH' to denote Shipper Contact (use when N101 = SH).* *CHANGE NOTE: Add user note per DM 635*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6102	93		M	AN	1/60	Used

DoD Definition: *[11-02] Name*
Enter the POC name.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6104	364		X	AN	1/80	Used

DoD Definition: *[11-04] Communication Number*

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

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**

Loop

<table>
<tr><td>Pos: 130</td><td>Repeat: 20</td></tr>
<tr><td colspan="2" align="center">Mandatory</td></tr>
<tr><td>Loop: R4</td><td>Elements: N/A</td></tr>
</table>

User Option (Usage): Used

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
130	R4		M	1		Used
140	DTM		O	15		Used

R4

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 'D' or 'L'.

Code	Name
D	**DoD Definition:**
	[12-01] Port of Discharge (Operational)
	Use 'D' to denote where the cargo is to be unloaded by the ocean carrier
E	**DoD Definition:**
	[12-01] Place of Delivery (Contractual)
	Use 'E' to denote Reserved for Future Use
J	**DoD Definition:**
	[12-01] Bill of Lading Port of Loading (Contractual)
	Use 'J' to denote Reserved for Future Use
K	**DoD Definition:**
	[12-01] Bill of Lading Port of Discharge (Contractual)
	Use 'K' to denote Reserved for Future Use
L	**DoD Definition:**
	[12-01] Port of Loading (Operational)
	Use 'L' to denote where the cargo is to be loaded onto the vessel
R	**DoD Definition:**
	[12-01] Place of Receipt (Contractual)
	Use 'R' to denote Reserved for Future Use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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 http://www.transcom.mil/dteb/files/refdata/V_SEAPORT.htm is preferred.

Code	Name
D	**DoD Definition:**
	[12-02] Census Schedule D
K	**DoD Definition:**
	[12-02] Census Schedule K
IM	**DoD Definition:**

	Code	**Name**					
		[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*					
R404	114		O	AN	2/24	Must use	
		DoD Definition: *[12-04] Port Name*					

DTM

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
CHANGE NOTE: Eliminate SEGMENT CONDITION and replace user note per DM 744.
SEGMENT CONDITION: The Required Delivery Date occurs only for the Port of discharge (R401 contains code value 'D')

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

CHANGE NOTE: Remove code value '210' per DM 744.

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373		X	DT	8/8	Must use

DoD Definition: *[13-02] Required Delivery Date*

Enter Required Delivery Date (RDD).

CHANGE NOTE: Element name and user note changed per DM 744.

W09

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

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:

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

DoD Definition: *[14-01] Equipment Description Code*

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0902	408		X	R	1/4	Must use

DoD Definition: *[14-02] Required Set Temperature*

Enter the Required Set Temperature.

CHANGE NOTE: User note changed and requirement attribute changed to mandatory per DM 743. (Data element renamed for clarity.) Note also that W0904, W0905, and W0906 data elements containing maximum temperature data have been deleted per DM 743.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0903	355		X	ID	2/2	Must use

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

CHANGE NOTE: Requirement attribute changed to mandatory per DM 743.

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

H3

<table>
<tr><td>Pos: 160</td><td align="right">Max: 6</td></tr>
<tr><td colspan="2" align="center">Heading - Optional</td></tr>
<tr><td>Loop: N/A</td><td align="right">Elements: 1</td></tr>
</table>

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
CHANGE NOTE: Consolidated multiple indices used for accessorial codes into a single one (15-01) per DM 1018 and added codes.
SEGMENT CONDITION: Use when Special Handling applies.
This segment contains syntax that is not compliant with this version of the ASC X12 standard. X12 data maintenance has been submitted requesting updates to match the DTEB implementation. Once approved this transaction set will be upgraded to the version of the ASC X12 standard that supports the functional requirements.

Element Summary:

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

DoD Definition: *[15-01] Special Handling Code*

Code values not listed are reserved for future use.

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.* *CHANGE NOTE: Code added per DM 845*
CH	**DoD Definition:** *[15-01] Carrier* *Use 'CH' to denote 48 Foot Container Differential*
DA	**DoD Definition:**

Code	Name
	[15-01] Dangerous
DM	**DoD Definition:**
	[15-01] Domestic *Use 'DM' to denote Refrigerated Container Maintenance (With Power)*
DR	**DoD Definition:**
	[15-01] Drop Yard *Use 'DR' to denote Drop and Pick Up* *CHANGE NOTE: code added per DM 1018*
DV	**DoD Definition:**
	[15-01] Equipment *Use 'DV' to denote Nuclear Liability Insurance*
FB	**DoD Definition:**
	[15-01] Tank Container Clean and Empty
FR	**DoD Definition:**
	[15-01] Fragile - Handle with Care *Use 'FR' to denote Customs & Border Clearance Authority (CBCA) Handling Aqaba* *CHANGE NOTE: code added per DM 1032*
GI	**DoD Definition:**
	[15-01] Grain Inspection *Use 'GI' to denote Expedited Linehaul to POE.* *CHANGE NOTE: Code added per DM 845*
HE	**DoD Definition:**
	[15-01] Head End Car *Use 'HE' to denote Hazardous Surcharge Destination*
HO	**DoD Definition:**
	[15-01] Hold for Orders *Use 'HO' to denote Hazardous Surcharge Origin*
HR	**DoD Definition:**
	[15-01] Home for Repair *Use 'HR' to denote Additional Tobacco Stopoff*
LD	**DoD Definition:**
	[15-01] Loading Devices *Use 'LD' to denote Transloading/Material Handling Equipment (MHE) Support*
MP	**DoD Definition:**
	[15-01] Multiple Pickup *Use 'MP' to denote Drop and Pick - Round Robin (Per booking)* *CHANGE NOTE: code added per DM 1018*
NI	**DoD Definition:**
	[15-01] New Equipment First Transborder Movement *Use 'NI' to denote Customs & Border Clearance Authority (CBCA) Handling Jebel Ali* *CHANGE NOTE: code added per DM 1032*
PS	**DoD Definition:**
	[15-01] Product Protection Service *Use 'PS' to denote 3D Inspection (Disinfestation, Disinsection, Disinfection, and Sanitation)*
RT	**DoD Definition:**
	[15-01] Record for Transit *Use 'RT' to denote Protective Weapon Service*

Code	**Name**
SD	**DoD Definition:**
	[15-01] Subject to Special Detention Rules/Charges
TS	**DoD Definition:**
	[15-01] Transit Shipment *Use 'TS' to denote Mini Stop-Offs (CONUS)*
TT	**DoD Definition:**
	[15-01] Team Track Delivery *Use 'TT' to denote Expedited Origin Linehaul (base charge > 599 miles)*
TV	**DoD Definition:**
	[15-01] Time Volume Rates Only *Use 'TV' to denote Expedited Origin Linehaul (ad'll charge > 599 miles)*
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* *CHANGE NOTE: Code added per DM 1034*
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* *CHANGE NOTE: code added per DM 1018*
A3M	**DoD Definition:**
	[15-01] Aggregate 3000 *Use 'A3M' to denote Enhanced ITV - GEN II - Port* *CHANGE NOTE: code added per DM 1018*
A5M	**DoD Definition:**
	[15-01] Aggregate 5000 *Use 'A5M' to denote Over Height Surcharge - United Arab Emirate*
AFN	**DoD Definition:**

Code	Name
	[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.* *CHANGE NOTE: Code added per DM 845*
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 CHANGE NOTE: definition updated 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*
ARR	**DoD Definition:** *[15-01] Air Ride Tractor Service* *Use 'ARR' to denote Port Arbitrary* *CHANGE NOTE: code added per DM 1018*
BCP	**DoD Definition:** *[15-01] Bypass Consolidation Point* *Use 'BCP' to denote Import Border Clearance* *CHANGE NOTE: code added per DM 1018*
BKA	**DoD Definition:** *[15-01] Bulky Article* *Use 'BKA' 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* *CHANGE NOTE: Code added per DM 845* *CHANGE NOTE: Definition changed per DM 1018*
CFC	**DoD Definition:** *[15-01] Customs Fees - Container Level* *Use 'CFC' to denote Cargo Clearance Import* *CHANGE NOTE: Description changed per DM 1018*

Code	Name
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* *CHANGE NOTE: code added per DM 1018*
CLS	**DoD Definition:**
	[15-01] Class Rates Applied *Use 'CLS' to denote 53 Foot Container Differential*
CMD	**DoD Definition:**
	[15-01] Comb. Rates over Detroit *Use 'CMD' to denote Redelivery of Keep From Freezing*
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* *CHANGE NOTE: code added per DM 1018*
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
CTL	**DoD Definition:**
	[15-01] Controlled Atmosphere
CTM	**DoD Definition:**
	[15-01] Container Mounting *Use 'CTM' to denote Outer Routing - KKT* *CHANGE NOTE: code added per DM 1018*
CTR	**DoD Definition:**
	[15-01] Circuitous Routing *Use 'CTR' to denote Outer Routing - Chaman* *CHANGE NOTE: code added per DM 1018*
CUF	**DoD Definition:**
	[15-01] Currency Adjustment - Break Bulk *Use 'CUF' to denote Currency Adjustment*
DDZ	**DoD Definition:**
	[15-01] Drayage at Port of Debarkation (Rate Zone)
DEZ	**DoD Definition:**
	[15-01] Drayage at Port of Embarkation (Rate Zone)
DFD	**DoD Definition:**
	[15-01] Keep From Freezing Percent Differential
DIS	**DoD Definition:**
	[15-01] Distribution Service Requested *Use 'DIS' to denote Kuwait Port Clearance Surcharge*
DLP	**DoD Definition:**
	[15-01] Delivery of Fuel From Rail Tank Car to Pipeline

Code	Name
	Use 'DLP' to denote Fuel Adjustment Factor (FAF)
DLR	**DoD Definition:**
	[15-01] Notify Shipper Immediately if Shipment is Delayed en Route *Use 'DLR' to denote Daily In-Transit Visibility Origin*
DNC	**DoD Definition:**
	[15-01] Do Not Couple to Other Diaphragmed Cars *Use 'DNC' to denote Daily In-transit Visibility Destination*
DOV	**DoD Definition:**
	[15-01] Container Diversion
DPD	**DoD Definition:**
	[15-01] Drayage at Port of Debarkation
DPE	**DoD Definition:**
	[15-01] Drayage at Port of Embarkation
DRU	**DoD Definition:**
	[15-01] Drumming Service *Use 'DRU' to denote Tarping at Origin* *CHANGE NOTE: code added per DM 1018*
DSR	**DoD Definition:**
	[15-01] Dromedary Service Requested *Use 'DSR' to denote Flatrack Tie-Down.* *CHANGE NOTE: Code added per DM 845*
ERT	**DoD Definition:**
	[15-01] Satisfactory Service Standards *Use 'ERT' to denote Refrigerated Container Maintenance (Without Power)*
EXD	**DoD Definition:**
	[15-01] Extra Driver *Use 'EXD' to denote Extra Driver.* *CHANGE NOTE: Code added per DM 845*
EXL	**DoD Definition:**
	[15-01] Extra Length Surcharge *Use 'EXL' to denote Container/Trailer Over-length Surcharge*
EXQ	**DoD Definition:**
	[15-01] Expedited Service *Use 'EXQ' to denote Expediate Delivery* *CHANGE NOTE: code added per DM 1018*
EXU	**DoD Definition:**
	[15-01] Exclusive Use of Vehicle Damaged *Use 'EXU' to denote Cargo Handling Import* *CHANGE NOTE: code added per DM 1018*
EXZ	**DoD Definition:**
	[15-01] Expand Remove and Install *Use 'EXZ' to denote Cargo Clearance Export* *CHANGE NOTE: code added per DM 1018*
EZE	**DoD Definition:**
	[15-01] Roadway Easy Rates Applied *Use 'EZE' to denote Enhanced Physical Security.* *CHANGE NOTE: Code added per DM 845*
FAK	**DoD Definition:**
	[15-01] Barge Freight All Kinds Service

Code	Name
FCS	**DoD Definition:**
	[15-01] Furnishing Chassis
FFC	**DoD Definition:**
	[15-01] Fuel Filters Furnished by Carrier *Use 'FFC' to denote Security Convoy.* *CHANGE NOTE: Code added per DM 845*
FLS	**DoD Definition:**
	[15-01] Flatrack Surcharge
GMS	**DoD Definition:**
	[15-01] Garment Surcharge
GOC	**DoD Definition:**
	[15-01] Tank Container Clean and Empty
GSS	**DoD Definition:**
	[15-01] Greater Security Service
HAN	**DoD Definition:**
	[15-01] Handling
HMA	**DoD Definition:**
	[15-01] Accessible Hazardous Material *Use 'HMA' to denote Railcar Inspection*
HZC	**DoD Definition:**
	[15-01] Hazardous Materials Surcharge *Use 'HZC' to denote Ammunition Line Haul Service*
HZD	**DoD Definition:**
	[15-01] Hazardous Cargo On Deck
IIH	**DoD Definition:**
	[15-01] Icing Inhibitor Service *Use 'IIH' to denote Side-load Chassis* *CHANGE NOTE: Code added per DM 845*
IMP	**DoD Definition:**
	[15-01] Impactographs *Use 'IMP' to denote Expedited Delivery Up to 199 miles*
JLX	**DoD Definition:**
	[15-01] Joint Line Exception *Use 'JLX' to denote ACR 40FT DRY (BAGRAM)*
KMD	**DoD Definition:**
	[15-01] Keep Material Dry *Use 'KMD' to denote Dry Container Trucking*
LC2	**DoD Definition:**
	[15-01] Land Currency Adjustment Factor - 20 Foot Container *Use 'LC2' to denote Interior Washing - Interior washing for vehicles on flat racks*
LC4	**DoD Definition:**
	[15-01] Land Currency Adjustment - 40 Foot Container *Use 'LC4' to denote Outer Routing on KKT-TSR - Northern Distribution Network (NDN) routing*
LCL	**DoD Definition:**
	[15-01] Percent Differential - Less Than Container
LEC	**DoD Definition:**
	[15-01] Less Than Container

Code	Name
LFD	**DoD Definition:**
	[15-01] Linehaul from Port of Debarkation
LMD	**DoD Definition:**
	[15-01] Liner Terms at Port of Debarkation
LME	**DoD Definition:**
	[15-01] Liner Terms at Port of Embarkation
LPD	**DoD Definition:**
	[15-01] Linehaul Percent Differential
LTE	**DoD Definition:**
	[15-01] Linehaul To Port of Embarkation
MAT	**DoD Definition:**
	[15-01] Modified Atmosphere
MES	**DoD Definition:**
	[15-01] Escort *Use 'MES' to denote Escort/Supercargo*
MET	**DoD Definition:**
	[15-01] Escort Services (Telephone) *Use 'MET' to denote Expedited Delivery 200-400 miles*
NPR	**DoD Definition:**
	[15-01] No Placards Required *Use 'NPR' to denote Expedited Delivery 401-599 miles*
OCA	**DoD Definition:**
	[15-01] Cargo Aboard *Use 'OCA' to denote Expedited Delivery Over 599 miles*
OCN	**DoD Definition:**
	[15-01] Over Height Container
OCS	**DoD Definition:**
	[15-01] Completing Shipment *Use 'OCS' to denote Requirement for a Complete Washing to Comply with USDA Regulations* *CHANGE NOTE: code added per DM 1018*
OFU	**DoD Definition:**
	[15-01] Fumigation *Use 'OFU' to denote Fumigation* *CHANGE NOTE: code added per DM 1034*
OHC	**DoD Definition:**
	[15-01] Harmless *Use 'OHC' to denote Overheight Surcharge Afghanistan* *CHANGE NOTE: code added per DM 1018*
OOD	**DoD Definition:**
	[15-01] On Deck Stowage
OSB	**DoD Definition:**
	[15-01] Stow Below Deck
OTC	**DoD Definition:**
	[15-01] Temperature Control *Use 'OTC' to denote Dual Temperature Reefer Service*
OVR	**DoD Definition:**
	[15-01] Overflow

Code	Name
	Use 'OVR' to denote Overweight 70000 For Break Bulk Only *CHANGE NOTE: code added per DM 1018*
OWC	**DoD Definition:**
	[15-01] Over Width Container
OWR	**DoD Definition:**
	[15-01] One Way Rates Applied *Use 'OWR' to denote Overweight 44000 For Break Bulk Only* *CHANGE NOTE: code added per DM 1018*
PMR	**DoD Definition:**
	[15-01] Expedited Delivery - Additional Mile Over 599
PRT	**DoD Definition:**
	[15-01] Stuffing Charge
PTS	**DoD Definition:**
	[15-01] Protective Tarp For Security Purposes *Use 'PTS' to denote Tarping at Destination* *CHANGE NOTE: Description changed per DM 1018*
PUK	**DoD Definition:**
	[15-01] Pack and Unpack *Use 'PUK' to denote Crating*
PVP	**DoD Definition:**
	[15-01] Private Owned Vehicle Processing
RDH	**DoD Definition:**
	[15-01] Railhead Handling
REP	**DoD Definition:**
	[15-01] Respotting
RFM	**DoD Definition:**
	[15-01] Reefer Maintenance
RPD	**DoD Definition:**
	[15-01] Reefer Cargo Percent Differential *Use 'RPD' to denote Percentage Differential Accessorial for Refrigerated Cargo*
RRR	**DoD Definition:**
	[15-01] Round Trip Service *Use 'RRR' to denote Genset Rental* *CHANGE NOTE: code added per DM 1018*
SEC	**DoD Definition:**
	[15-01] Special Equipment Charge *Use 'SEC' to denote Open-Top Surcharge when an Open Top Container (Van Type Code is '4') is ordered*
SER	**DoD Definition:**
	[15-01] Service Charge Applies *Use 'SER' to denote Service Charge Applies/Guam Fee for Fruits and Vegetables*
SFB	**DoD Definition:**
	[15-01] Single Factor Origination/Destination
SFD	**DoD Definition:**
	[15-01] Single Factor Origination/Port of Debarkation
SFE	**DoD Definition:**
	[15-01] Single Factor Port of Embarkation/Destination
SLC	**DoD Definition:**

Code	Name
	[15-01] Shipper Load and Count *Use 'SLC' to denote Superload*
SOC	**DoD Definition:** *[15-01] Stop-off* *Use 'SOC' to denote Mini Stop-Off (OCONUS)*
SPC	**DoD Definition:** *[15-01] Special Permit* *Use 'SPC' to denote Small Arms Ammunition*
SSC	**DoD Definition:** *[15-01] Stripping, Sorting & Consolidation* *Use 'SSC' to denote Stripping*
SSN	**DoD Definition:** *[15-01] Substitute Service Not to be Used* *Use 'SSN' to denote Origin Special Services - Afghanistan*
SSU	**DoD Definition:** *[15-01] Pole Lashing Equipment (PLE) Surcharge*
STA	**DoD Definition:** *[15-01] Conductivity/Anti-static Additive* *Use 'STA' to denote Expedited Origin Linehaul (200 miles to 400 miles)*
STD	**DoD Definition:** *[15-01] Stopoff at Destination* *Use 'STD' to denote OCONUS Stop-off*
STO	**DoD Definition:** *[15-01] Stowage*
STP	**DoD Definition:** *[15-01] Stopoff at Origination* *Use 'STP' to denote CONUS Stop-off*
TER	**DoD Definition:** *[15-01] Terminal Handling Charges*
TRM	**DoD Definition:** *[15-01] Termination* *Use 'TRM' to denote Transloading Destination* *CHANGE NOTE: code added per DM 1018*
TRN	**DoD Definition:** *[15-01] Transfer Product* *Use 'TRN' to denote Transloading Origin* *CHANGE NOTE: code added per DM 1018*
TRS	**DoD Definition:** *[15-01] Trade Show* *Use 'TRS' to denote Expedited Origin Linehaul (401 miles to 599 miles)*
VCL	**DoD Definition:** *[15-01] Van Cleaning* *Use 'VCL' to denote Wash-Clean-Purge-Certified*
VIS	**DoD Definition:** *[15-01] Vehicles Inoperable* *Use 'VIS' to denote Vehicles Inoperable* *CHANGE NOTE: code added per DM 1018*
VSO	**DoD Definition:** *[15-01] Stop Off Delivery of Personal Vehicles*

Code	Name
	Use 'VSO' to denote Veterinarian Inspectable *CHANGE NOTE: code added per DM 1018*
WBB	**DoD Definition:**
	[15-01] Wharfage - Breakbulk
WCT	**DoD Definition:**
	[15-01] Wharfage - Container
WFG	**DoD Definition:**
	[15-01] Wharfage
WRB	**DoD Definition:**
	[15-01] War Risk Crew Bonus
WRI	**DoD Definition:**
	[15-01] War Risk Insurance
ZZZ	**DoD Definition:**
	[15-01] Mutually Defined *Use 'ZZZ' to denote Customs Services-Cargo Clearance*

Loop

Pos: 010	**Repeat: 999**
Mandatory	
Loop: LX	**Elements: N/A**

User Option (Usage): Used

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	LX		M	1		Used
020	N7		O	1		Used
040	L0		O	1		Must use
050	L5		O	1		Must use
060	L4		O	1		Used
065	L1		O	1		Used
070		Loop H1	O		10	Used

LX

Pos: 010	**Max: 1**
Detail - Mandatory	
Loop: LX	**Elements: 1**

User Option (Usage): Used

DoD Segment Definition:

[16] LX SEGMENT - Breakbulk/Container Information Loop
When booking breakbulk cargo segments in the LX loop, the loop will be repeated for each Transportation Control Number (TCN). When booking containerized cargo, segments in the LX loop will only be repeated once.

Element Summary:

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

DoD Definition: *[16-01] Assigned Number*

When booking breakbulk cargo, assign numbers sequentially, i.e., 1,2,3,4, . . ., 999. Repeat for each TCN. Since containerized cargo loops only once, assign the number one (1).

N7

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: Use only for non-ISO identified 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: IATA Unit Load Devices Manual available from International Air Transport Association

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N702	207		M	AN	1/10	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).

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

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

N715	567	O	N0	4/5	Must use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N720	65		O	R	1/8	Used

DoD Definition: *[17-20] Height*

L0

Pos: 040	**Max: 1**
Detail - Optional	
Loop: LX	**Elements: 7**

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
CHANGE NOTE: Segment made mandatory per DM 744.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L004	81		X	R	1/10	Must use
		DoD Definition: *[18-04] Weight*				
		CHANGE NOTE: Element made mandatory per DM 744.				
L005	187		X	ID	1/2	Must use
		DoD Definition: *[18-05] Weight Qualifier*				
		CHANGE NOTE: Element made mandatory per DM 744.				

Code	Name
E	**DoD Definition:**
	[18-05] Estimated Net Weight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L006	183		X	R	1/8	Used
		DoD Definition: *[18-06] Volume*				
L007	184		X	ID	1/1	Used
		DoD Definition: *[18-07] Volume Unit Qualifier*				

Code	Name
E	**DoD Definition:**
	[18-07] Cubic Feet

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L008	80		X	N0	1/7	Used
		DoD Definition: *[18-08] Lading Quantity*				
		This is the number of breakbulk pieces. Do NOT use this element with containerized cargo.				
L009	211		X	ID	3/3	Used
		DoD Definition: *[18-09] Packaging Form Code*				

Code	Name
PCS	**DoD Definition:**

		Code	**Name**				
			[18-09] Pieces				
L011	188			X	ID	1/1	Used

DoD Definition: *[18-11] Weight Unit Code*

Code	**Name**
K	**DoD Definition:**
	[18-11] Kilograms
L	**DoD Definition:**
	[18-11] Pounds

L5

Pos: 050	**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
L502	79		O	AN	1/50	Used

DoD Definition: *[19-02] Lading Description*

This is a free form text describing the commodity code.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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 http://www.transcom.mil/dteb/files/refdata/V_WT_COM.htm.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L504	23		X	ID	1/1	Must use

DoD Definition: *[19-04] Commodity Code Qualifier*

CHANGE NOTE: Element made mandatory per DM 744,

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L505	103		O	AN	3/5	Used

DoD Definition: *[19-05] Packaging Code*

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

CHANGE NOTE: Code value 'CNA' corrected (from 'CAN') per DM 773.

CHANGE NOTE: Code value 'ML2' corrected (from 'MLS') in user note per DM 828.

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
BDL	**DoD Definition:**

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

Code **Name**

> *[19-05] On Own Wheel*
> *Use 'WHE' to denote Self Propelled*

| L506 | 87 | | X | AN | 1/48 | Used |

DoD Definition: *[19-06] Breakbulk Transportation Control Number*

ELEMENT CONDITION: Use ONLY with BREAKBULK cargo, not containerized cargo.
Enter only the Transportation Control Number (TCN) into this data element.

L4

	Pos: 060	**Max: 1**
	Detail - Optional	
	Loop: LX	**Elements: 5**

User Option (Usage): Used

DoD Segment Definition:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L401	82		M	R	1/8	Used
		DoD Definition: *[20-01] Length*				
L402	189		M	R	1/8	Used
		DoD Definition: *[20-02] Width*				
L403	65		M	R	1/8	Used
		DoD Definition: *[20-03] Height*				
L404	90		M	ID	1/1	Used
		DoD Definition: *[20-04] Measurement Unit Qualifier*				

Code	Name
N	**DoD Definition:**
	[20-04] Inches

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L405	380		O	R	1/15	Used
		DoD Definition: *[20-05] Quantity*				

This quantity is the number of oversized breakbulk pieces

L1

Pos: 065   **Max: 1**
Detail - Optional
Loop: LX   Elements: 6

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
This segment contains syntax that is not compliant with this version of the ASC X12 standards. X12 data maintenance has been submitted requesting updates to match the DTEB implementation. Once approved this transaction set will be upgraded to the version of the ASC X12 standards that supports the functional requirements.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L101	213		O	N0	1/3	Must use
		DoD Definition: *[21-01] Lading Line Item Number*				
L102	60		X	R	1/9	Used
		DoD Definition: *[21-02] Freight Rate*				
L103	122		X	ID	2/2	Used
		DoD Definition: *[21-03] Rate/Value Qualifier*				
		All valid standard codes are used.				
L104	58		X	N2	1/12	Must use
		DoD Definition: *[21-04] Charge*				
L108	150		O	ID	3/3	Used
		DoD Definition: *[21-08] Special Charge or Allowance Code*				
		All valid standard codes are used.				
L112	276		O	AN	2/25	Used
		DoD Definition: *[21-12] Special Charge Description*				

Loop

Pos: 070	**Repeat: 10**
Optional	
Loop: H1	**Elements: N/A**

User Option (Usage): Used

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
070	H1		O	1		Used
080	H2		O	10		Used

H1

Pos: 070	**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:

[22] 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: *[22-01] 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 Tariff Publishing Officer; 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; U.S. Government Printing Office 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 Sales No: 200 89.10.E International Maritime Organization

Ref	Id	Element Name	Req	Type	Min/Max	Usage
H102	209		O	AN	1/4	Must use

DoD Definition: *[22-02] Hazardous Material Class Code*

Use the IMDG number found in Source Code 52.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
H103	208		O	ID	1/1	Must use

DoD Definition: *[22-03] Hazardous Material Code Qualifier*

Code	Name
I	**DoD Definition:**
	[22-03] Intergovernmental Maritime Organization (IMO) Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
H104	64		O	AN	2/30	Must use

DoD Definition: *[22-04] 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 Tariff Publishing Officer; 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; U.S. Government Printing Office 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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Dangerous Goods available from Sales No: 200 89.10.E International Maritime Organization				
H105	63		O	AN	1/24	Must use

DoD Definition: *[22-05] Hazardous Material Contact*

The first ten (10) spaces will be the phone number. Do not use hyphens or spaces in the telephone number. No 1-800 numbers. 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.

CHANGE NOTE: User note modified per DM 744.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
H106	200		O	AN	1/6	Must use

DoD Definition: *[22-06] Hazardous Materials Page*

SOURCE: International Maritime Dangerous Goods Code available from Intergovernment Maritime Consultants Organization (IMCO)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
H107	77		X	N0	1/3	Used

DoD Definition: *[22-07] Flashpoint Temperature*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
H108	355		X	ID	2/2	Used

DoD Definition: *[22-08] Unit or Basis for Measurement Code*

Code	Name
CE	**DoD Definition:**
	[22-08] Centigrade, Celsius
	Use 'CE' to denote Centigrade
FA	**DoD Definition:**
	[22-08] Fahrenheit

Ref	Id	Element Name	Req	Type	Min/Max	Usage
H109	254		O	ID	1/3	Used

DoD Definition: *[22-09] 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

H2

Pos: 080	**Max: 10**
Detail - Optional	
Loop: H1	**Elements: 2**

User Option (Usage): Used

DoD Segment Definition:

[23] 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: *[23-01] 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 Tariff Publishing Officer; 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; U.S. Government Printing Office 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 Sales No: 200 89.10.E International Maritime Organization

Ref	Id	Element Name	Req	Type	Min/Max	Usage
H202	274		O	AN	1/30	Used

DoD Definition: *[23-02] Hazardous Material Classification*

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

V1

Pos: 090	**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:

[24] 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: *[24-01] 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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
V102	182		X	AN	2/28	Must use

DoD Definition: *[24-02] Vessel Name*

SOURCE: Lloyd's Register of Shipping

Ref	Id	Element Name	Req	Type	Min/Max	Usage
V103	26		O	ID	2/3	Must use

DoD Definition: *[24-03] 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.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
V104	55		O	AN	2/10	Must use

DoD Definition: *[24-04] Voyage Number*

Enter the commercial voyage number.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
V108	897		X	ID	1/1	Used

DoD Definition: *[24-08] Vessel Code Qualifier*

Code	Name
C	**DoD Definition:**
	[24-08] Ship's Radio Call Signal
L	**DoD Definition:**
	[24-08] Lloyd's Register of Shipping
Z	**DoD Definition:**
	[24-08] Mutually Defined
	Use 'Z' to denote Barges or Other Vessels Not Identified by Lloyds

V9

Pos: 100	**Max: 10**
Detail - Optional	
Loop: N/A	**Elements: 4**

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

[25] V9 SEGMENT - Spot Date
SEGMENT CONDITION: Use when Spot Date applies.
[26] V9 SEGMENT - Mileage
SEGMENT CONDITION: Use when CONUS or OCONUS Mileage applies.

Element Summary:

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

DoD Definition: *[25-01] Event Code*

[26-01] DTOD Qualifier

Code	Name
SPT	**DoD Definition:**
	[25-01] Spot Date
ZZZ	**DoD Definition:**
	[26-01] Mutually Defined
	Use 'ZZZ' to denote Defense Table of Official Distances (DTOD)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
V902	106		O	AN	1/25	Must use

DoD Definition: *[26-02] Mileage Qualifier*

Enter value '1B' to designate overseas mileage or value 'SD' to denote CONUS Mileage.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
V903	373		O	DT	8/8	Must use

DoD Definition: *[25-03] Date*

Enter the spot date.

CHANGE NOTE: Make element mandatory per DM 744.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
V912	61		O	AN	1/30	Must use

DoD Definition: *[25-12] Free-Form Message*

Enter the number of containers to be spotted.

[26-12] Mileage

Enter appropriate mileage.

K1

Pos: 110   Max: 2
Detail - Optional
Loop: N/A   Elements: 2

User Option (Usage): Used

DoD Segment Definition:

[27] K1 SEGMENT - Message
SEGMENT CONDITION: Use to convey Free Form Text Message as required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
K101	61		M	AN	1/30	Used
		DoD Definition: *[27-01] Free-Form Message*				
K102	61		O	AN	1/30	Used
		DoD Definition: *[27-02] Free-Form Message*				

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	010	M	1						
1-01		Transaction Set Identifier Code	M	ID 3/3	1	010	M	1				ST01	143	M ID 3/3
		300 - Reservation (Booking Request) (Ocean)			 The transaction set identifier (ST01) 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	M	AN 4/9	1	010	M	1				ST02	329	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.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.)												
2		**B1 SEGMENT - Shipment Identification**	M		1	020	M	1						
2-01		Standard Carrier Alpha Code	M	ID 2/4	1	020	M	1				B101	140	O ID 2/4
		SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.			 B101 is the Standard Carrier Alpha Code (SCAC) of the carrier sending the EDI transmission.									
2-02		Shipment Identification Number	M	AN 8/8	1	020	M	1				B102	145	M AN 1/30
		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.													
2-03		Reservation Action Date	M	DT 8/8	1	020	M	1				B103	373	O DT 8/8
		Enter Date applicable to the Reservation Action in the B104, expressed as CCYYMMDD			 B103 is the booking date 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	M	ID	1/1		1	020	M	1				B104	558	O ID 1/1
		Use code 'B' to reinstate a booking. A TS 303 with Reservation Action Code (B104) of 'D' or 'R' will precede a TS 300 with a Reservation Action Code 'B'. Use code value 'U' AFTER an Ocean Carrier receives an initial TS 300 offering using a code value 'N'. EXAMPLE 1: (Cargo Offering Increase) An initial offering may have been for ten (10) containers of cargo. The Ocean Carrier transmits a TS 301 Confirmation for all ten (10) containers. A shipper then indicates that it wants to increase the offering from the initial ten (10) containers to fifteen (15) containers. BS will then transmit another TS 300 using the code value 'U'. The number of containers will be the total number of containers fifteen (15), NOT just the additional ones. The Ocean Carriers can then send back a TS 301 accepting the fifteen (15), or rejecting just those five (5), since they've already accepted the original ten (10). EXAMPLE 2: (Cargo Offering Decrease) If after an initial TS 300 for ten (10) containers of cargo has been accepted by an Ocean Carrier and the shipper needs to decrease that offer by six (6), IBS will transmit a TS 300 with a code value 'U' indicating that only four (4) containers are being offered. The Ocean Carrier can send either a TS 301 accepting only those four (4) containers or a TS 301 rejecting the booking. B - Conditional Acceptance <i>Use 'B' to denote Reinstatement.</i> N - New U - Change														
3		**G61 SEGMENT - Booking Contact Information**	C				1	025	O	3						
		SEGMENT CONDITION: Use when Booking Contact Information applies.						If either G6103 or G6104 is present, then the other is required. 								
3-01		Contact Function Code	M	ID	2/2		1	025	O	3				G6101	366	M ID 2/2
		IC - Information Contact <i>Use 'IC' to denote Booking Contact.</i>														
3-02		Name	M	AN	1/60		1	025	O	3				G6102	93	M AN 1/60
		Enter Booker Name at SDDC Booking Office. CHANGE NOTE: User note added per DM 744.														
3-03		Communication Number Qualifier	C	ID	2/2		1	025	O	3				G6103	365	C ID 2/2
		EM - Electronic Mail TE - Telephone						 G6103 qualifies G6104.								
3-04		Communication Number	C	AN	1/80		1	025	O	3				G6104	364	C AN 1/80
		Enter telephone number of Booker at SDDC Booking Office when G6103 = 'TE'. Enter Electronic Mail (e-mail) address of Booker at SDDC Booking Office when G6103 = 'EM'														
4		**Y1 SEGMENT - Sailing Date**	M				1	050	M	1						
		CHANGE NOTE: References to "flight" removed from Y1 segment per DM 744.						If either Y102 or Y109 is present, then the other is required. 								

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	M	DT 8/8	1	050	M	1				Y101	135	O	DT 8/8
		Enter the date the vessel is scheduled to depart, the vessel sailing date. CHANGE NOTE: Segment and elements of segment renamed Sailing Date per DM 744													
4-02		Sailing Date	M	DT 8/8	1	050	M	1				Y102	373	C	DT 8/8
		The date the cargo is available for pickup or receipt at load port.					 Y102 is the date the shipment for which space reservation is requested to be available at the origin.								
4-04		Transportation Method/Type Code	C	ID 1/2	1	050	M	1				Y104	91	O	ID 1/2
		CHANGE NOTE: User note modified and code values 'LT' and 'O' eliminated per DM 744. ELEMENT CONDITION: Use for Breakbulk and RORO only. If not used, assume shipment to be used for Container movement. Q - Conventional Ocean <i>Use 'Q' to denote Breakbulk or RORO.</i>													
4-09		Date/Time Qualifier	M	ID 3/3	1	050	M	1				Y109	374	C	ID 3/3
		CHANGE NOTE: Code value and user note added per DM 713. 169 - Product Availability Date <i>Use '169' to denote Cargo Availability Date.</i>													
5		**Y2 SEGMENT - Container Information**	M		1	060	O	1	10	1	Y2				
		CHANGE NOTE: Segment made mandatory per DM 744.													
5-01		Number of Containers	M	N0 1/4	1	060	O	1	10	1	Y2	Y201	95	M	N0 1/4
		Use a value zero (0) if offering breakbulk.													
5-02		Container Type Request Code	C	ID 1/1	1	060	O	1	10	1	Y2	Y202	78	O	ID 1/1
		CHANGE NOTE: Code value 'S' removed and code value 'W' added per DM 744. ELEMENT CONDITION: Only used for CONTAINERIZED cargo. C - Containers with Chassis W - Chassis Only													
5-03		Type of Service Code	C	ID 2/2	1	060	O	1	10	1	Y2	Y203	56	O	ID 2/2
		ELEMENT CONDITION: Use only for breakbulk NC - Non-containerized cargo													

		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
5-04		Equipment Type	M ID 4/4			1	060	O	1	10	1	Y2	Y204	24	M	ID 4/4
		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. CHANGE NOTE: ISO reference updated per DM 740.														
5-08		Container Terms Code	C ID 3/3			1	060	O	1	10	1	Y2	Y208	464	O	ID 3/3
		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														
5-10		Total Stopoffs	C N0 1/2			1	060	O	1	10	1	Y2	Y210	466	O	N0 1/2
		Use first character from the Y210 to denote the number of Stop-offs and the second to denote the number of Mini Stop-Offs. For example, if one stop-off with 2 mini stop-offs then the value will read 12.														
6		**W09 SEGMENT - Temperature Data**	C			1	065	O	1	10	1	Y2				
		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 150. CHANGE NOTE: Segment inserted per DM 653.				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 CZ - Refrigerated Container	M ID 2/2			1	065	O	1	10	1	Y2	W0901	40	M	ID 2/2
6-02		Temperature	M R 1/4			1	065	O	1	10	1	Y2	W0902	408	C	R 1/4
		Enter the Required Set Temperature. CHANGE NOTE: Modify user note and make element mandatory per DM 744.				 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 CHANGE NOTE: Make element mandatory per DM 744. FA - Fahrenheit	M ID 2/2			1	065	O	1	10	1	Y2	W0903	355	C	ID 2/2
6-04		Temperature	C R 1/4			1	065	O	1	10	1	Y2	W0904	408	C	R 1/4
		Enter the maximum temperature.				 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	065	O	1	10	1	Y2	W0905	355	C	ID 2/2

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
6-06		Equipment and Temperature	C	AN	1/60	1	065	O	1	10	1	Y2	W0906	3	O AN 1/60
		Enter a specifically desired Fahrenheit temperature preceded by a plus (+) or minus (-) sign. Sample Values: +32, -10											 W0906 is used to describe the environment required within an ocean-type, refrigerated container when other than normal air is required.		
7		**N9 SEGMENT - Reference Identification**	C			1	069	O	100						
		SEGMENT CONDITION: Ocean carriers should always expect a voyage number and TCN.											At least one of N902 or N903 is required. If N906 is present, then N905 is required. 		
7-01		Reference Identification Qualifier	M	ID	2/2	1	069	O	100				N901	128	M ID 2/3
		CHANGE NOTE: Change user note to indicate code value 'CT' is used to denote contract number (as opposed to contract type) per DM #688. Code value 'CE' added to bring IC documentation in line with current usage per NVR DM #678. 2E - Foreign Military Sales Case Number 3X - Subcontract Number 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 SI - Shipper's Identifying Number for Shipment (SID) <i>Use 'SI' to denote Shipper's Identifying Number for Shipment (SID). Note: For TMS Prototype, Code Value SI = Freight Booking Number..</i> TG - Transportation Control Number (TCN) <i>Use 'TG' to denote SEAVAN TCNs (All breakbulk TCNs will be located in L506).</i> TH - Transportation Account Code (TAC) V3 - Voyage Number <i>Use 'V3' to denote Military Voyage Number.</i>													
7-02		Reference Identification	M	AN	1/30	1	069	O	100				N902	127	C AN 1/30
7-03		Transportation Tracking Number (TTN)	C	AN	17/17	1	069	O	100				N903	369	C AN 1/45
		ELEMENT CONDITION: When this N9 segment refers to a TCN (N901='TG') and TTN applies, convey the TTN in the N903 to associate the TCN, TTN, and container number all together in a single N9 segment.													

		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		
7-07		Ocean Container Number Header	C	CE			1	069	O	100				N907	C040	O	CE	
		COMPOSITE CONDITION: When this segment refers to a TCN (code value 'TG' in this N901) and when an offer is generated for Government-owned containers, use this composite data element to specify the Ocean Container Number associated with the TCN. CHANGE NOTE: Composite data element added per DM 729.					If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required. 											
7-07-01		Ocean Container Number Qualifier OC - Ocean Container Number	M	ID	2/2		1	069	O	100				C04001	128	M	ID	2/3
7-07-02		Ocean Container Number Enter the 11-character Ocean Container Number.	M	AN	11/11		1	069	O	100				C04002	127	M	AN	1/30
8		**N1 SEGMENT - Activity Identification**	M				1	080	M	1	10	1	N1					
							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 											
8-01		Activity Identifier Code CC - Claimant <i>Use 'CC' to denote CCP.</i> CI - Consignor <i>Use 'CI' to denote Commercial Vendor Location (when appropriate). CHANGE NOTE: User note added per DM 635.</i> CN - Consignee EX - Exporter <i>Use 'EX' to denote POE.</i> IM - Importer <i>Use 'IM' to denote POD.</i> SH - Shipper TC - Tool Source <i>Use 'TC' to denote Theater Consolidation Shipping Point (TCSB). CHANGE NOTE: Code value 'TC' definition modified per DM 852.</i>	M	ID	2/2		1	080	M	1	10	1	N1	N101	98	M	ID	2/3
8-02		Name	C	AN	1/60		1	080	M	1	10	1	N1	N102	93	C	AN	1/60

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
8-03		Location Code Qualifier	C ID 2/2	1	080	M	1	10	1	N1	N103	66	C ID 1/2
		CHANGE NOTE: User note added per DM 852.											
		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 Lattitude/Longitude.</i> 33 - Commercial and Government Entity (CAGE) <i>Use '33' to denote Commercial and Government Entity (CAGE). Note: Only to be in effect for the duration of the TMS prototype..</i> 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>											
8-04		Location Code	C AN 2/80	1	080	M	1	10	1	N1	N104	67	C AN 2/80
		Must appear if there will be no entry in N102 - Name Enter appropriate Location Code (e.g., DoDAAC, CAGE, GEOLOC, etc.) CHANGE NOTE: User note modified per DM 852.		 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.									
9		**N3 SEGMENT - Address Information**	C	1	100	O	2	10	1	N1			
		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. CHANGE NOTE: SEGMENT CONDITION modified per DM 852											
9-01		Address Information	M AN 1/55	1	100	O	2	10	1	N1	N301	166	M AN 1/55
9-02		Address Information	C AN 1/55	1	100	O	2	10	1	N1	N302	166	O AN 1/55

		DoD INFORMATION			X12 SEGMENT INFORMATION								X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
10		**N4 SEGMENT - Geographic Location** SEGMENT CONDITION: Use this segment only when the entry in the N101 for this loop is 'CN' or 'SH'. CHANGE NOTE: Segment name, usage attribute, and SEGMENT CONDITION changed per DM 852	C		1	110	O	1	10	1	N1				
					If N406 is present, then N405 is required. 										
10-01		City Name	M	AN 2/30	1	110	O	1	10	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: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	C	ID 2/2	1	110	O	1	10	1	N1	N402	156	O ID 2/2	
					 N402 is required only if city name (N401) is in the U.S. or Canada.										
10-03		Postal Code SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents	C	ID 3/15	1	110	O	1	10	1	N1	N403	116	O ID 3/15	
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	110	O	1	10	1	N1	N404	26	O ID 2/3	
11		**G61 SEGMENT - Shipper POC Information** SEGMENT CONDITION: Use to convey POC as required.	C		1	120	O	3	10	1	N1				
					If either G6103 or G6104 is present, then the other is required. 										
11-01		Contact Code DI - Delivery Instructions Contact <i>Use 'DI' to denote Consignee (use when N101 = CN).</i> CHANGE NOTE: Add code value 'DI' and user note per DM 635.</i> OC - Order Contact <i>Use 'OC' to denote Order Contact. CHANGE NOTE: Add code value 'OC' per DM 635.</i> SH - Shipper Contact <i>Use 'SH' to denote Shipper Contact (use when N101 = SH). CHANGE NOTE: Add user note per DM 635.</i>	M	ID 2/2	1	120	O	3	10	1	N1	G6101	366	M ID 2/2	
11-02		Name Enter the POC name.	M	AN 1/60	1	120	O	3	10	1	N1	G6102	93	M AN 1/60	

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**
11-03		Communication Number Qualifier	C	ID	2/2	1	120	O	3	10	1	N1	G6103	365	C ID 2/2
		EM - Electronic Mail TE - Telephone					 G6103 qualifies G6104.								
11-04		Communication Number	C	AN	1/80	1	120	O	3	10	1	N1	G6104	364	C AN 1/80
		Enter the telephone number when G6103 = 'TE'. Enter the electronic mail (e-mail) address when G6103 = 'EM'.														
12		**R4 SEGMENT - Port Information**	M			1	130	M	1	20	1	R4			
							If either R402 or R403 is present, then the other is required. R4 is required for each port to be identified.								
12-01		Port or Terminal Function Code	M	ID	1/1	1	130	M	1	20	1	R4	R401	115	M ID 1/1
		Always send code values 'D' or 'L'. D - Port of Discharge (Operational)</i> <i>Use 'D' to denote where the cargo is to be unloaded by the ocean carrier.</i> E - Place of Delivery (Contractual) <i>Use 'E' to denote Reserved for Future Use.</i> J - Bill of Lading Port of Loading (Contractual) <i>Use 'J' to denote Reserved for Future Use.</i> K - Bill of Lading Port of Discharge (Contractual) <i>Use 'K' to denote Reserved for Future Use.</i> L - Port of Loading (Operational) <i>Use 'L' to denote where the cargo is to be loaded onto the vessel.</i> R - Place of Receipt (Contractual) <i>Use 'R' to denote Reserved for Future Use.</i>														
12-02		Location Qualifier	M	ID	1/2	1	130	M	1	20	1	R4	R402	309	C ID 1/2
		Use of DoD Water Port Codes as found in USTranscom Reference Data Management (TRDM), mirrored at http://www.transcom.mil/dteb/files/refdata/V_SEAPORT.htm is preferred. D - Census Schedule D IM - Military Standard Movement Procedures (MILSTAMP) <i>Use 'IM' to denote DoD Water Port Code.</i> K - Census Schedule K														
12-03		Location Identifier	M	AN	1/30	1	130	M	1	20	1	R4	R403	310	C AN 1/30

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name / Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes			
12-04		Port Name	M	AN	2/24		1	130	M	1	20	1	R4	R404	114	O	AN	2/24	
13		**DTM SEGMENT - Delivery Date**	C				1	140	O	15	20	1	R4						
		SEGMENT CONDITION: The Required Delivery Date occurs only for the Port of discharge (R401 contains code value 'D') CHANGE NOTE: Eliminate SEGMENT CONDITION and replace user note per DM 744.						At least one of DTM02, DTM03, or DTM05 is required. If DTM04 is present, then DTM03 is required. If either DTM05 or DTM06 is present, then the other is required. 											
13-01		Delivery Date Qualifier	M	ID	3/3		1	140	O	15	20	1	R4	DTM01	374	M	ID	3/3	
		To specify pertinent dates and times CHANGE NOTE: Remove code value '210' per DM 744. 996 - Required Delivery <i>Use '996' to denote Required Delivery Date (RDD).</i>																		
13-02		Required Delivery Date	M	DT	8/8		1	140	O	15	20	1	R4	DTM02	373	C	DT	8/8	
		Enter Required Delivery Date (RDD). CHANGE NOTE: Element name and user note changed per DM 744.																		
14		**W09 SEGMENT - Temperature Data**	C				1	150	O	1									
		SEGMENT CONDITION: To be used with reefers.						If either W0902 or W0903 is present, then the other is required. If either W0904 or W0905 is present, then the other is required. 											
14-01		Equipment Description Code	M	ID	2/2		1	150	O	1				W0901	40	M	ID	2/2	
		CZ - Refrigerated Container																		
14-02		Required Set Temperature	M	R	1/4		1	150	O	1				W0902	408	C	R	1/4	
		Enter the Required Set Temperature. CHANGE NOTE: User note changed and requirement attribute changed to mandatory per DM 743. (Data element renamed for clarity.) Note also that W0904, W0905, and W0906 data elements containing maximum temperature data have been deleted per DM 743.						 W0902 is the minimum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0903).											
14-03		Unit or Basis for Measurement Code	M	ID	2/2		1	150	O	1				W0903	355	C	ID	2/2	
		CHANGE NOTE: Requirement attribute changed to mandatory per DM 743. FA - Fahrenheit																		
15		**H3 SEGMENT - Special Handling**	C				1	160	O	6									
		SEGMENT CONDITION: Use when Special Handling applies. This segment contains syntax that is not compliant with this version of the ASC X12 standard. X12 data maintenance has been submitted requesting updates to match the DTEB implementation. Once approved this transaction set will be upgraded to the version of the ASC X12 standard that supports the functional requirements. CHANGE NOTE: Consolidated multiple indices used for accessorial codes into a single one (15-01) per DM 1018 and added codes.						Only one of H301 or H302 may be present. 											

		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	
15-01		Special Handling Code Code values not listed are reserved for future use. See Section 6 for list of data values.	M ID 2/3	1	160	O	6				H301	152	C	ID	2/3
16		**LX SEGMENT - Breakbulk/Container Information Loop** When booking breakbulk cargo segments in the LX loop, the loop will be repeated for each Transportation Control Number (TCN). When booking containerized cargo, segments in the LX loop will only be repeated once.	M	2	010	M	1	999	1	LX					
16-01		Assigned Number When booking breakbulk cargo, assign numbers sequentially, i.e., 1,2,3,4, . . ., 999. Repeat for each TCN. Since containerized cargo loops only once, assign the number one (1).	M N0 1/6	2	010	M	1	999	1	LX	LX01	554	M	N0	1/6
17		**N7 SEGMENT - Equipment Description** SEGMENT CONDITION: Use only for non-ISO identified CONTAINERIZED CARGO. Do NOT use for breakbulk cargo.	C	2	020	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: IATA Unit Load Devices Manual available from International Air Transport Association	C AN 1/4	2	020	O	1	999	1	LX	N701	206	O	AN	1/4
											 N701 is mandatory for rail transactions.				
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 1/1	2	020	O	1	999	1	LX	N702	207	M	AN	1/10
17-11		Equipment Description Code See Section 6 for list of data values.	M ID 2/2	2	020	O	1	999	1	LX	N711	40	O	ID	2/2
17-15		Equipment Length	M N0 4/5	2	020	O	1	999	1	LX	N715	567	O	N0	4/5
17-20		Height	C R 1/8	2	020	O	1	999	1	LX	N720	65	O	R	1/8
											 N720 and N721 are expressed in inches.				
18		**L0 SEGMENT - Weight/Volume/Pieces/Lading Quantity** CHANGE NOTE: Segment made mandatory per DM 744.	M	2	040	O	1	999	1	LX	If either L002 or L003 is present, then the other is required. If either L004 or L005 is present, then the other is required. If either L006 or L007 is present, then the other is required. If either L008 or L009 is present, then the other is required. If L011 is present, then L004 is required. If either L013 or L015 is present, then the other is required. 				
18-04		Weight CHANGE NOTE: Element made mandatory per DM 744.	M R 1/10	2	040	O	1	999	1	LX	L004	81	C	R	1/10

		DoD INFORMATION				X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION		
Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
18-05		Weight Qualifier CHANGE NOTE: Element made mandatory per DM 744. E - Estimated Net Weight	M	ID 1/1	2	040	O	1	999	1	LX	L005	187	C ID 1/2
18-06		Volume	C	R 1/8	2	040	O	1	999	1	LX	L006	183	C R 1/8
18-07		Volume Unit Qualifier E - Cubic Feet	C	ID 1/1	2	040	O	1	999	1	LX	L007	184	C ID 1/1
18-08		Lading Quantity This is the number of breakbulk pieces. Do NOT use this element with containerized cargo.	C	N0 1/7	2	040	O	1	999	1	LX	L008	80	C N0 1/7
					 L008 is the number of handling units of the line item tendered to the carrier.									
18-09		Packaging Form Code PCS - Pieces	C	ID 3/3	2	040	O	1	999	1	LX	L009	211	C ID 3/3
18-11		Weight Unit Code K - Kilograms L - Pounds	C	ID 1/1	2	040	O	1	999	1	LX	L011	188	O ID 1/1
19		**L5 SEGMENT - Commodity Description**	M		2	050	O	1	999	1	LX			
					If either L503 or L504 is present, then the other is required. If L507 is present, then L506 is required. If either L508 or L509 is present, then the other is required. 									
19-02		Lading Description This is a free form text describing the commodity code.	C	AN 1/50	2	050	O	1	999	1	LX	L502	79	O AN 1/50
					 L502 may be used to send quantity information as part of the product description.									
19-03		Commodity Code Enter the Commodity Code as found in the USTranscom Reference Data Management (TRDM) mirrored at http://www.transcom.mil/dteb/files/refdata/V_WT_COM.htm.	M	AN 1/30	2	050	O	1	999	1	LX	L503	22	C AN 1/30
19-04		Commodity Code Qualifier CHANGE NOTE: Element made mandatory per DM 744, I - Milstamp AITC or Water Commodity Code	M	ID 1/1	2	050	O	1	999	1	LX	L504	23	C ID 1/1

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
19-05		Packaging Code	C	AN 3/5	2	050	O	1	999	1	LX	L505	103	O	AN	3/5
		The only code values used with containerized bookings are 'CNT', 'SV2', 'ML2', and 'MS2'. Use all other code values with breakbulk. CHANGE NOTE: Code value 'CNA' corrected (from 'CAN') per DM 773. CHANGE NOTE: Code value 'ML2' corrected (from 'MLS') in user note per DM 828. See Section 6 for list of data values.															
19-06		Breakbulk Transportation Control Number	C	AN 17/17	2	050	O	1	999	1	LX	L506	87	C	AN	1/48
		ELEMENT CONDITION: Use ONLY with BREAKBULK cargo, not containerized cargo. Enter only the Transportation Control Number (TCN) into this data element.															
20		**L4 SEGMENT - Measurements**	C		2	060	O	1	999	1	LX					
		SEGMENT CONDITION: Only use for outsized cargo.															
20-01		Length	M	R 1/8	2	060	O	1	999	1	LX	L401	82	M	R	1/8
20-02		Width	M	R 1/8	2	060	O	1	999	1	LX	L402	189	M	R	1/8
20-03		Height	M	R 1/8	2	060	O	1	999	1	LX	L403	65	M	R	1/8
20-04		Measurement Unit Qualifier	M	ID 1/1	2	060	O	1	999	1	LX	L404	90	M	ID	1/1
		N - Inches															
20-05		Quantity	C	R 1/15	2	060	O	1	999	1	LX	L405	380	O	R	1/15
		This quantity is the number of oversized breakbulk pieces															
21		**L1 SEGMENT - Rate and Charges**	O		2	065	O	1	999	1	LX					
		This segment contains syntax that is not compliant with this version of the ASC X12 standards. X12 data maintenance has been submitted requesting updates to match the DTEB implementation. Once approved this transaction set will be upgraded to the version of the ASC X12 standards that supports the functional requirements.										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	M	N0 1/3	2	065	O	1	999	1	LX	L101	213	O	N0	1/3
21-02		Freight Rate	C	R 1/9	2	065	O	1	999	1	LX	L102	60	C	R	1/9
21-03		Rate/Value Qualifier	C	ID 2/2	2	065	O	1	999	1	LX	L103	122	C	ID	2/2

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
21-04		Charge	M	N2	1/12		2	065	O	1	999	1	LX	L104	58	C	N2	1/12
21-08		Special Charge or Allowance Code	C	ID	3/3		2	065	O	1	999	1	LX	L108	150	O	ID	3/3
21-12		Special Charge Description	C	AN	2/25		2	065	O	1	999	1	LX	L112	276	O	AN	2/25
22		**H1 SEGMENT - Hazardous Material Information**	C				2	070	O	1	10	2	H1					
		SEGMENT CONDITION: Use for hazardous shipments.					If either H107 or H108 is present, then the other is required. This segment is required when the shipment contains hazardous material.											
22-01		Hazardous Material Code	M	AN	4/10		2	070	O	1	10	2	H1	H101	62	M	AN	4/10
		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 Tariff Publishing Officer; 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; U.S. Government Printing Office 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 Sales No: 200 89.10.E International Maritime Organization																
22-02		Hazardous Material Class Code	M	AN	1/4		2	070	O	1	10	2	H1	H102	209	O	AN	1/4
		Use the IMDG number found in Source Code 52.																
22-03		Hazardous Material Code Qualifier	M	ID	1/1		2	070	O	1	10	2	H1	H103	208	O	ID	1/1
		I - Intergovernmental Maritime Organization (IMO) Code																
22-04		Hazardous Material Description	M	AN	2/30		2	070	O	1	10	2	H1	H104	64	O	AN	2/30
		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 Tariff Publishing Officer; 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; U.S. Government Printing Office 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 Sales No: 200 89.10.E International Maritime Organization																

	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	
22-05		Hazardous Material Contact	M	AN 1/24	2	070	O	1	10	2	H1	H105	63	O AN 1/24	
		The first ten (10) spaces will be the phone number. Do not use hyphens or spaces in the telephone number. No 1-800 numbers. 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. CHANGE NOTE: User note modified per DM 744.												
22-06		Hazardous Materials Page	M	AN 1/6	2	070	O	1	10	2	H1	H106	200	O AN 1/6	
		SOURCE: International Maritime Dangerous Goods Code available from Intergovernment Maritime Consultants Organization (IMCO)													
22-07		Flashpoint Temperature	C	N0 1/3	2	070	O	1	10	2	H1	H107	77	C N0 1/3	
						 H107 is the lowest temperature for hazardous materials.										
22-08		Unit or Basis for Measurement Code	C	ID 2/2	2	070	O	1	10	2	H1	H108	355	C ID 2/2	
		CE - Centigrade, Celsius <i>Use 'CE' to denote Centigrade.</i> FA - Fahrenheit													
22-09		Packing Group Code	C	ID 1/3	2	070	O	1	10	2	H1	H109	254	O ID 1/3	
		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													
23		**H2 SEGMENT - Hazardous Material Description**	C		2	080	O	10	10	2	H1				
		SEGMENT CONDITION: This segment can be used for placard label information to be placed on the outside of the container.													

		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
23-01		Hazardous Material Description	M AN 2/9	2	080	O	10	10	2	H1	H201	64	M AN 2/30
		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 Tariff Publishing Officer; 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; U.S. Government Printing Office 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 Sales No: 200 89.10.E International Maritime Organization										
23-02		Hazardous Material Classification	C AN 1/30	2	080	O	10	10	2	H1	H202	274	O AN 1/30
		ELEMENT CONDITION: Information in this element is a continuation from H104.											
24		**V1 SEGMENT - Vessel Identification**	M	2	090	O	2						
					At least one of V101 or V102 is required. If V108 is present, then V101 is required. 								
24-01		Vessel Code	M ID 1/8	2	090	O	2				V101	597	C ID 1/8
		Enter the Vessel Radio Call Sign. If it doesn't have one, enter the Lloyd's number. SOURCE: Lloyd's Register of Shipping											
24-02		Vessel Name	M AN 2/28	2	090	O	2				V102	182	C AN 2/28
		SOURCE: Lloyd's Register of Shipping											
24-03		Country Code	M ID 2/3	2	090	O	2				V103	26	O ID 2/3
		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.		 V103 is the code identifying the country in which the ship (vessel) is registered.									
24-04		Voyage Number	M AN 2/10	2	090	O	2				V104	55	O AN 2/10
		Enter the commercial voyage number.											

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
24-08		Vessel Code Qualifier	C ID 1/1	2	090	O	2				V108	897	O ID	1/1
		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>												
25		**V9 SEGMENT - Spot Date**	C	2	100	O	10							
		SEGMENT CONDITION: Use when Spot Date applies.						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. 						
25-01		Event Code	M ID 3/3	2	100	O	10				V901	304	M ID	3/3
		SPT - Spot Date												
25-03		Date	M DT 8/8	2	100	O	10				V903	373	O DT	8/8
		Enter the spot date. CHANGE NOTE: Make element mandatory per DM 744.						 V903 is the event date.						
25-12		Free-Form Message	C AN 1/30	2	100	O	10				V912	61	O AN	1/30
		Enter the number of containers to be spotted.												
26		**V9 SEGMENT - Mileage**	C	2	100	O	10							
		SEGMENT CONDITION: Use when CONUS or OCONUS Mileage applies.						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		DTOD Qualifier	M ID 3/3	2	100	O	10				V901	304	M ID	3/3
		ZZZ - Mutually Defined <i>Use 'ZZZ' to denote Defense Table of Official Distances (DTOD).</i>												
26-02		Mileage Qualifier	M AN 2/2	2	100	O	10				V902	106	O AN	1/25
		Enter value '1B' to designate overseas mileage or value 'SD' to denote CONUS Mileage.												
26-12		Mileage	M AN 1/30	2	100	O	10				V912	61	O AN	1/30
		Enter appropriate mileage.												
27		**K1 SEGMENT - Message**	C	2	110	O	2							
		SEGMENT CONDITION: Use to convey Free Form Text Message as required.												
27-01		Free-Form Message	M AN 1/30	2	110	O	2				K101	61	M AN	1/30

Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
27-02		Free-Form Message	C AN 1/30	2	110	O	2				K102	61	O AN 1/30
28		**SE SEGMENT - Reservation (Booking Request)\<br\>(Ocean) Trailer**	M	3	010	M	1						
											\<br /\>SE is the last segment of each transaction set.		
28-01		Number of Included Segments	M N0 1/10	3	010	M	1				SE01	96	M N0 1/10
		Total segments in this transaction set including the ST and SE segments.											
28-02		Transaction Set Control Number	M AN 4/9	3	010	M	1				SE02	329	M AN 4/9
		This data element ends the transaction set and should match the number that appears in\<br\>the ST02 that begins the transaction set.											

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*
CHANGE NOTE: Code added per DM 1034.
565 - Preparation of Export Entry
*** Use '565' to denote Over Height - Kuwait.*
A1M - Aggregate 1000
*** Use 'A1M' to denote Enhanced ITV - GEN II - Door*
CHANGE NOTE: code added per DM 1018.
A3M - Aggregate 3000
*** Use 'A3M' to denote Enhanced ITV - GEN II - Port*
CHANGE NOTE: code added per DM 1018.
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.*
CHANGE NOTE: Code added per DM 845.
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 CHANGE NOTE: definition updated 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*
CHANGE NOTE: code added per DM 1018.
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*
CHANGE NOTE: code added per DM 1018.
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.*
CHANGE NOTE: Code added per DM 845.
CA2 - Currency Adjustment - 20 Foot Container
CA4 - Currency Adjustment - 40 Foot Container
CCH - Certification
*** Use 'CCH' to denote Enhanced ITV - GEN I*
CHANGE NOTE: Code added per DM 845
CHANGE NOTE: Definition changed per DM 1018.
CFC - Customs Fees - Container Level
*** Use 'CFC' to denote Cargo Clearance Import*
CHANGE NOTE: Description changed per DM 1018.

15-01 -- Special Handling Code (CONT)

Data Value - Definition
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
CHANGE NOTE: code added per DM 1018.
CLS - Class Rates Applied
** Use 'CLS' to denote 53 Foot Container Differential.
CMD - Comb. Rates over Detroit
** Use 'CMD' to denote Redelivery of Keep From Freezing.
COR - Certification That the Newsprint Winding Cores Being Returned Empty Were Received Filled by Rail Freight Service
** Use 'COR' to denote Outer Routing - KUT
CHANGE NOTE: code added per DM 1018.
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
CHANGE NOTE: code added per DM 1018.
CTR - Circuitous Routing
** Use 'CTR' to denote Outer Routing - Chaman
CHANGE NOTE: code added per DM 1018.
CUF - Currency Adjustment - Break Bulk
** Use 'CUF' to denote Currency Adjustment.
DA - Dangerous
DDZ - Drayage at Port of Debarkation (Rate Zone)
DEZ - Drayage at Port of Embarkation (Rate Zone)
DFD - Keep From Freezing Percent Differential
DIS - Distribution Service Requested
** Use 'DIS' to denote Kuwait Port Clearance Surcharge.
DLP - Delivery of Fuel From Rail Tank Car to Pipeline
** Use 'DLP' to denote Fuel Adjustment Factor (FAF).
DLR - Notify Shipper Immediately if Shipment is Delayed en Route
** Use 'DLR' to denote Daily In-Transit Visibility Origin.
DM - Domestic
** Use 'DM' to denote Refrigerated Container Maintenance (With Power).
DNC - Do Not Couple to Other Diaphragmed Cars
** Use 'DNC' to denote Daily In-transit Visibility Destination.
DOV - Container Diversion
DPD - Drayage at Port of Debarkation
DPE - Drayage at Port of Embarkation
DR - Drop Yard
** Use 'DR' to denote Drop and Pick Up
CHANGE NOTE: code added per DM 1018.
DRU - Drumming Service
** Use 'DRU' to denote Tarping at Origin
CHANGE NOTE: code added per DM 1018.
DSR - Dromedary Service Requested
** Use 'DSR' to denote Flatrack Tie-Down.
CHANGE NOTE: Code added per DM 845.
DV - Equipment
** Use 'DV' to denote Nuclear Liability Insurance.
ERT - Satisfactory Service Standards
** Use 'ERT' to denote Refrigerated Container Maintenance (Without Power).
EXD - Extra Driver
** Use 'EXD' to denote Extra Driver.
CHANGE NOTE: Code added per DM 845.
EXL - Extra Length Surcharge
** Use 'EXL' to denote Container/Trailer Over-length Surcharge.
EXQ - Expedited Service
** Use 'EXQ' to denote Expediate Delivery
CHANGE NOTE: code added per DM 1018.
EXU - Exclusive Use of Vehicle Damaged
** Use 'EXU' to denote Cargo Handling Import
CHANGE NOTE: code added per DM 1018.

15-01 -- Special Handling Code (CONT)

Data Value - Definition
EXZ - Expand Remove and Install
** *Use 'EXZ' to denote Cargo Clearance Export*
CHANGE NOTE: code added per DM 1018.
EZE - Roadway Easy Rates Applied
** *Use 'EZE' to denote Enhanced Physical Security.*
CHANGE NOTE: Code added per DM 845.
FAK - Barge Freight All Kinds Service
FB - Tank Container Clean and Empty
FCS - Furnishing Chassis
FFC - Fuel Filters Furnished by Carrier
** *Use 'FFC' to denote Security Convoy.*
CHANGE NOTE: Code added per DM 845.
FLS - Flatrack Surcharge
FR - Fragile - Handle with Care
** *Use 'FR' to denote Customs & Border Clearance Authority (CBCA) Handling Aqaba*
CHANGE NOTE: code added per DM 1032.
GI - Grain Inspection
** *Use 'GI' to denote Expedited Linehaul to POE.*
CHANGE NOTE: Code added per DM 845.
GMS - Garment Surcharge
GOC - Empty Government Owned Container
GSS - Greater Security Service
HAN - Handling
HE - Head End Car
** *Use 'HE' to denote Hazardous Surcharge Destination.*
HMA - Accessible Hazardous Material
** *Use 'HMA' to denote Railcar Inspection.*
HO - Hold for Orders
** *Use 'HO' to denote Hazardous Surcharge Origin.*
HR - Home for Repair
** *Use 'HR' to denote Additional Tobacco Stopoff.*
HZC - Hazardous Materials Surcharge
** *Use 'HZC' to denote Ammunition Line Haul Service.*
HZD - Hazardous Cargo On Deck
IIH - Icing Inhibitor Service
** *Use 'IIH' to denote Side-load Chassis*
CHANGE NOTE: Code added per DM 845.
IMP - Impactographs
** *Use 'IMP' to denote Expedited Delivery Up to 199 miles.*
JLX - Joint Line Exception
** *Use 'JLX' to denote ACR 40FT DRY (BAGRAM).*
KMD - Keep Material Dry
** *Use 'KMD' to denote Dry Container Trucking.*
LC2 - Land Currency Adjustment Factor - 20 Foot Container
** *Use 'LC2' to denote Interior Washing - Interior washing for vehicles on flat racks.*
LC4 - Land Currency Adjustment - 40 Foot Container
** *Use 'LC4' to denote Outer Routing on KKT-TSR - Northern Distribution Network (NDN) routing.*
LCL - Percent Differential - Less Than Container
LD - Loading Devices
** *Use 'LD' to denote Transloading/Material Handling Equipment (MHE) Support.*
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
MES - Escort
** *Use 'MES' to denote Escort/Supercargo.*
MET - Escort Services (Telephone)
** *Use 'MET' to denote Expedited Delivery 200-400 miles.*
MP - Multiple Pickup
** *Use 'MP' to denote Drop and Pick - Round Robin (Per booking)*
CHANGE NOTE: code added per DM 1018.
NI - New Equipment First Transborder Movement
** *Use 'NI' to denote Customs & Border Clearance Authority (CBCA) Handling Jebel Ali CHANGE*
NOTE: code added per DM 1032.
NPR - No Placards Required
** *Use 'NPR' to denote Expedited Delivery 401-599 miles.*
OCA - Cargo Aboard
** *Use 'OCA' to denote Expedited Delivery Over 599 miles.*
OCN - Over Height Container

15-01 -- Special Handling Code (CONT)

Data Value - Definition

OCS - Completing Shipment
*** Use 'OCS' to denote Requirement for a Complete Washing to Comply with USDA Regulations*
CHANGE NOTE: code added per DM 1018.
OFU - Fumigation
*** Use 'OFU' to denote Fumigation*
CHANGE NOTE: code added per DM 1034.
OHC - Harmless
*** Use 'OHC' to denote Overheight Surcharge Afghanistan*
CHANGE NOTE: code added per DM 1018.
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*
CHANGE NOTE: code added per DM 1018.
OWC - Over Width Container
OWR - One Way Rates Applied
*** Use 'OWR' to denote Overweight 44000 For Break Bulk Only*
CHANGE NOTE: code added per DM 1018.
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*
CHANGE NOTE: Description changed per DM 1018.
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*
CHANGE NOTE: code added per DM 1018.
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 - Stopoff at Destination
*** Use 'STD' to denote OCONUS Stop-off.*
STO - Stowage
STP - Stopoff at Origination
*** Use 'STP' to denote CONUS Stop-off.*
TER - Terminal Handling Charges
TRM - Termination
*** Use 'TRM' to denote Transloading Destination*
CHANGE NOTE: code added per DM 1018.
TRN - Transfer Product
*** Use 'TRN' to denote Transloading Origin*
CHANGE NOTE: code added per DM 1018.

15-01 -- Special Handling Code (CONT)

Data Value - Definition
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.* VIS - Vehicles Inoperable *** Use 'VIS' to denote Vehicles Inoperable* *CHANGE NOTE: code added per DM 1018.* VSO - Stop Off Delivery of Personal Vehicles *** Use 'VSO' to denote Veterinarian Inspectable* *CHANGE NOTE: code added per DM 1018.* WBB - Wharfage - Breakbulk WCT - Wharfage - Container WFG - Wharfage WRB - War Risk Crew Bonus WRI - War Risk Insurance XP - 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.* ZZZ - Mutually Defined *** Use 'ZZZ' to denote Customs Services-Cargo Clearance.*

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
** Use 'VEH' to denote Vehicles Inoperable (INOP).
WHE - On Own Wheel
** Use 'WHE' to denote Self Propelled.