Department
of
Defense

DoD Transportation Electronic Business (DTEB) Convention

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

VERSION 9

August 2015

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of
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Reservation (Booking Request)
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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
TCJ6-SD
508 Scott Drive
Scott Air Force Base, IL 62225-7001

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

Military Surface Deployment and Distribution Command (SDDC)
709 Ward Drive, Bldg 1990
Scott Air Force Base, IL 62225

For the most recent publication, go to

https://its.ustranscom.mil/cris/dteb/ic/trans_ics.cfm

[Note: To access publication, you must have an ITS account.]

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 9

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), located at:

https://its.ustranscom.mil/cris/dteb/ic/trans_ics.cfm

[Note: To access publication, you must have an ITS account.]

Commercial Trading Partners and DoD personnel that do not hold an ITS account may view the Convention at:

http://www.transcom.mil/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:

[*blank*] - Segment or data element may be used optionally

M - X12 standards designate mandatory use of segment or data element

>> - Segment or data element is mandatory for DTEB use

X - Segment or data element is not 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 Reservation (Booking Request) (Ocean)

Functional Group ID=RO

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Reservation (Booking Request) (Ocean) Transaction Set (300) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a shipper or a forwarder to reserve space, containers and equipment for transport by ocean vessel.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	B1	Beginning Segment for Booking or Pick-up/Delivery	M	1		
	025	G61	Contact	O	3		
Not Used	030	Y6	Authentication	O	2		
Not Used	040	Y7	Priority	O	1		
M	050	Y1	Space Reservation Request	M	1		
			LOOP ID - Y2			10	
Must Use	060	Y2	Container Details	O	1		
	065	W09	Equipment and Temperature	O	1		
	069	N9	Reference Identification	O	100		
Not Used	070	R2A	Route Information with Preference	O	25		
			LOOP ID - N1			10	
M	080	N1	Name	M	1		
Not Used	090	N2	Additional Name Information	O	1		
	100	N3	Address Information	O	2		
	110	N4	Geographic Location	O	1		
	120	G61	Contact	O	3		
			LOOP ID - R4			20	
M	130	R4	Port or Terminal	M	1		
	140	DTM	Date/Time Reference	O	15		
	150	W09	Equipment and Temperature	O	1		
	160	H3	Special Handling Instructions	O	6		
Not Used	170	EA	Equipment Attributes	O	5		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LX			999	
M	010	LX	Assigned Number	M	1		
	020	N7	Equipment Details	O	1		
Not Used	021	W09	Equipment and Temperature	O	1		
Not Used	030	DTM	Date/Time Reference	O	1		
Must Use	040	L0	Line Item - Quantity and Weight	O	1		
Must Use	050	L5	Description, Marks and Numbers	O	1		
	060	L4	Measurement	O	1		
	065	L1	Rate and Charges	O	1		
			LOOP ID - H1			10	
	070	H1	Hazardous Material	O	1		
	080	H2	Additional Hazardous Material Description	O	10		
Must Use	090	V1	Vessel Identification	O	2		
	100	V9	Event Detail	O	10		
	110	K1	Remarks	O	2		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	SE	Transaction Set Trailer	M	1		

Segment: **ST** **Transaction Set Header**
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: **1** The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:
Business Rules: Variable Name: STST
Notes: [1] ST SEGMENT - Reservation (Booking Request) (Ocean) Header

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set [1-01] Transaction Set Identifier Code 300 Reservation (Booking Request) (Ocean) [1-01] Reservation (Booking Request) (Ocean)	**M**	**ID 3/3**
M	**ST02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set [1-02] Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.The application and structure of the control number must be agreed upon between trading partners. (For example, some applications use all nine digits where the first five might indicate a group control number and the last four represent the sequence of the transaction set within the functional group. Also, the entire nine digit field may simply represent the sequence of the transaction set generated by a trading partner.)	**M**	**AN 4/9**

Segment: **B1** **Beginning Segment for Booking or Pick-up/Delivery**
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set
Syntax Notes:
Semantic Notes:
1 B101 is the Standard Carrier Alpha Code (SCAC) of the carrier sending the EDI transmission.
2 B103 is the booking date accepted by the carrier.
Comments:
Notes: [2] B1 SEGMENT - Shipment Identification

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	**B101**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code [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.	**O**	**ID 2/4**
M	**B102**	**145**	**Shipment Identification Number** Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters) [2-02] Shipment Identification Number Enter in an eight (8) digit alpha numeric code. The first six (6) digits are the Port Call File Number (PCFN) and the last two (2) digits are the year.	**M**	**AN 1/30**
>>	**B103**	**373**	**Date** Date expressed as CCYYMMDD [2-03] Reservation Action Date Enter Date applicable to the Reservation Action in the B104, expressed as CCYYMMDD	**O**	**DT 8/8**

>>	**B104**	**558**	**Reservation Action Code**	**O**	**ID 1/1**

Code identifying action on reservation or offering

[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.

B	Conditional Acceptance
	[2-04] Conditional Acceptance Use 'B' to denote Reinstatement
N	New
	[2-04] New
U	Change
	[2-04] Change

Segment: **G61** **Contact**
Position: 025
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom communications should be directed
Syntax Notes: **1** If either G6103 or G6104 is present, then the other is required.
Semantic Notes:
Comments: **1** G6103 qualifies G6104.
Notes: [3] G61 SEGMENT - Booking Contact Information
SEGMENT CONDITION: Use when Booking Contact Information applies.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	**G6101**	**366**	**Contact Function Code**		**M**	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named			
			[3-01] Contact Function Code			
			IC	Information Contact		
				[3-01] Information Contact Use 'IC' to denote Booking Contact		
M	**G6102**	**93**	**Name**		**M**	**AN 1/60**
			Free-form name			
			[3-02] Name Enter Booker Name at SDDC Booking Office. CHANGE NOTE: User note added per DM 744.			
	G6103	**365**	**Communication Number Qualifier**		**X**	**ID 2/2**
			Code identifying the type of communication number			
			[3-03] Communication Number Qualifier			
			EM	Electronic Mail		
				[3-03] Electronic Mail		
			TE	Telephone		
				[3-03] Telephone		
	G6104	**364**	**Communication Number**		**X**	**AN 1/80**
			Complete communications number including country or area code when applicable			
			[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'			
X	**G6105**	**443**	**Contact Inquiry Reference**		**O**	**AN 1/20**
			Additional reference number or description to clarify a contact number			

Segment: **Y1** **Space Reservation Request**
Position: 050
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify information used to make a reservation for space on an ocean vessel
Syntax Notes: **1** If either Y102 or Y109 is present, then the other is required.
Semantic Notes: **1** Y102 is the date the shipment for which space reservation is requested to be available at the origin.
Comments:
Notes: [4] Y1 SEGMENT - Sailing Date
CHANGE NOTE: References to "flight" removed from Y1 segment per DM 744.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	**Y101**	**135**	**Sailing/Flight Date Estimated** Date for reservation expressed in format CCYYMMDD [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	**O**	**DT 8/8**
>>	**Y102**	**373**	**Date** Date expressed as CCYYMMDD [4-02] Sailing Date The date the cargo is available for pickup or receipt at load port.	**X**	**DT 8/8**
X	**Y103**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	**O**	**ID 2/4**
	Y104	**91**	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment [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. Q Conventional Ocean [4-04] Conventional Ocean Use 'Q' to denote Breakbulk or RORO	**O**	**ID 1/2**
X	**Y105**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/3**
X	**Y106**	**19**	**City Name** Free-form text for city name	**O**	**AN 2/30**
X	**Y107**	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**O**	**ID 2/2**
X	**Y108**	**375**	**Tariff Service Code** Code specifying the types of services for rating purposes Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**

>>	**Y109**	**374**	**Date/Time Qualifier**	**X**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			[4-09] Date/Time Qualifier CHANGE NOTE: Code value and user note added per DM 713.		
			169 Product Availability Date		
			[4-09] Product Availability Date Use '169' to denote Cargo Availability Date		

Segment: **Y2** **Container Details**
Position: 060
Loop: Y2 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify container information and transportation service to be used
Syntax Notes:
Semantic Notes:
Comments:
Notes: [5] Y2 SEGMENT - Container Information CHANGE NOTE: Segment made mandatory per DM 744.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**Y201**	**95**	**Number of Containers** Number of shipping containers [5-01] Number of Containers Use a value zero (0) if offering breakbulk.	**M**	**N0 1/4**
	Y202	**78**	**Container Type Request Code** Code indicating type of container equipment requested [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. C Containers with Chassis [5-02] Containers with Chassis W Chassis Only [5-02] Chassis Only	**O**	**ID 1/1**
	Y203	**56**	**Type of Service Code** Code specifying extent of transportation service requested [5-03] Type of Service Code ELEMENT CONDITION: Use only for breakbulk NC Non-containerized cargo [5-03] Non-containerized cargo	**O**	**ID 2/2**
M	**Y204**	**24**	**Equipment Type** Code identifying equipment type [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.	**M**	**ID 4/4**
X	**Y205**	**91**	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/2**
X	**Y206**	**177**	**Intermodal Service Code** Code identifying the Intermodal Service Plan	**O**	**ID 1/2**
X	**Y207**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	**O**	**ID 2/4**

	Y208	**464**	**Container Terms Code**	**O**	**ID 3/3**
			Code indicating origin and destination of transportation and type of container		
			[5-08] Container Terms Code These are the lading terms, MILSTAMP Codes, as described in the Code Source 350, Defense Logistics Management System Manual. This manual can be obtained from the Defense Logistics Management Standards Office. SOURCE: Defense Logistics Management System Manual		
X	**Y209**	**465**	**Container Terms Code Qualifier**	**O**	**ID 1/1**
			Code indicating container terms reference Refer to 004010 Data Element Dictionary for acceptable code values.		
	Y210	**466**	**Total Stop-offs**	**O**	**N0 1/2**
			Total number of stop-offs specified for a shipment		
			[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.		

Segment: **W09** **Equipment and Temperature**
Position: 065
Loop: Y2 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To relate equipment type and required temperatures
Syntax Notes:
1 If either W0902 or W0903 is present, then the other is required.
2 If either W0904 or W0905 is present, then the other is required.
Semantic Notes:
1 W0902 is the minimum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0903).
2 W0904 is the maximum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0905).
3 W0906 is used to describe the environment required within an ocean-type, refrigerated container when other than normal air is required.
4 W0908 is the humidity percentage.
5 W0909 is the number of air exchanges per hour.
Comments:
Notes:
[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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**W0901**	**40**	**Equipment Description Code** Code identifying type of equipment used for shipment [6-01] Equipment Description Code CZ Refrigerated Container [6-01] Refrigerated Container	**M**	**ID 2/2**
>>	**W0902**	**408**	**Temperature** Temperature [6-02] Temperature Enter the Required Set Temperature. CHANGE NOTE: Modify user note and make element mandatory per DM 744.	**X**	**R 1/4**
>>	**W0903**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken [6-03] Unit or Basis for Measurement Code CHANGE NOTE: Make element mandatory per DM 744. FA Fahrenheit [6-03] Fahrenheit	**X**	**ID 2/2**
	W0904	**408**	**Temperature** Temperature [6-04] Temperature Enter the maximum temperature.	**X**	**R 1/4**
	W0905	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken [6-05] Unit or Basis for Measurement Code FA Fahrenheit [6-05] Fahrenheit	**X**	**ID 2/2**

	W0906	**3**	**Free Form Message** Free-form text [6-06] Equipment and Temperature Enter a specifically desired Fahrenheit temperature preceded by a plus (+) or minus (-) sign.	**O**	**AN 1/60**
X	**W0907**	**1122**	**Vent Setting Code** Code describing the setting on the air vents on ocean-type containers Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**W0908**	**488**	**Percent** Percent expressed as 0 to 100	**O**	**N0 1/3**
X	**W0909**	**380**	**Quantity** Numeric value of quantity	**O**	**R 1/15**

Segment: **N9** **Reference Identification**
Position: 069
Loop:
Level: Heading
Usage: Optional
Max Use: 100
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
1 At least one of N902 or N903 is required.
2 If N906 is present, then N905 is required.
3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 N906 reflects the time zone which the time reflects.
2 N907 contains data relating to the value cited in N902.
Comments:
Notes: [7] N9 SEGMENT - Reference Identification
SEGMENT CONDITION: Ocean carriers should always expect a voyage number and TCN.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N901**	**128**	**Reference Identification Qualifier**		**M ID 2/3**
			Code qualifying the Reference Identification		
			[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.		
			2E	Foreign Military Sales Case Number	
				A reference number designating the foreign military sale records	
				[7-01] Foreign Military Sales Case Number	
			3X	Subcontract Number	
				[7-01] Subcontract Number	
			CE	Class of Contract Code	
				[7-01] Class of Contract Code Use 'CE' to denote Vessel Status	
			CT	Contract Number	
				[7-01] Contract Number Use 'CT' to denote Contract Number for rating purposes (MILSTAMP)	
			KL	Contract Reference	
				[7-01] Contract Reference Use 'KL' to denote Contract Type for rating purposes (MILSTAMP)	
			P4	Project Code	
				[7-01] Project Code	
			TG	Transportation Control Number (TCN)	
				[7-01] Transportation Control Number (TCN) Use 'TG' to denote SEAVAN TCNs (All breakbulk TCNs will be located in L506)	
			TH	Transportation Account Code (TAC)	
				[7-01] Transportation Account Code (TAC)	
			V3	Voyage Number	
				[7-01] Voyage Number Use 'V3' to denote Military Voyage Number	

>>	**N902**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier [7-02] Reference Identification	**X**	**AN 1/30**
	N903	**369**	**Free-form Description** Free-form descriptive text [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.	**X**	**AN 1/45**
X	**N904**	**373**	**Date** Date expressed as CCYYMMDD	**O**	**DT 8/8**
X	**N905**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**X**	**TM 4/8**
X	**N906**	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
	N907	**C040**	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier [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.	**O**	
M	**C04001**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification [7-07-01] Ocean Container Number Qualifier OC Ocean Container Number [7-07-01] Ocean Container Number	**M**	**ID 2/3**
M	**C04002**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier [7-07-02] Ocean Container Number Enter the 11-character Ocean Container Number.	**M**	**AN 1/30**
	C04003	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/3**
	C04004	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**
	C04005	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/3**

C04006	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**

Segment: **N1** **Name**
Position: 080
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments:
1 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.
2 N105 and N106 further define the type of entity in N101.
Notes: [8] N1 SEGMENT - Activity Identification

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N101**	**98**	**Entity Identifier Code**		**M ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			[8-01] Activity Identifier Code		
			CC	Claimant	
				[8-01] Claimant Use 'CC' to denote CCP	
			CI	Consignor	
				[8-01] Consignor Use 'CI' to denote Commercial Vendor Location (when appropriate). CHANGE NOTE: User note added per DM 635	
			CN	Consignee	
				[8-01] Consignee	
			EX	Exporter	
				[8-01] Exporter Use 'EX' to denote POE	
			IM	Importer	
				[8-01] Importer Use 'IM' to denote POD	
			SH	Shipper	
				[8-01] Shipper	
			TC	Tool Source	
				[8-01] Tool Source Use 'TC' to denote Theater Consolidation Shipping Point (TCSB). CHANGE NOTE: Code value 'TC' definition modified per DM 852	
	N102	**93**	**Name**		**X AN 1/60**
			Free-form name		
			[8-02] Name		

	N103	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67) [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		
			10 Department of Defense Activity Address Code (DODAAC) [8-03] Department of Defense Activity Address Code (DODAAC)		
			16 ZIP Code [8-03] ZIP Code		
			29 Grid Location and Facility Code [8-03] Grid Location and Facility Code Use '29' to denote Lattitude/Longitude		
			37 United Nations Vendor Code [8-03] United Nations Vendor Code Use '37' to denote UNLOC Code		
			BE Common Language Location Identification (CLLI) The standard address location code for a specific equipment location as used in the telephone industry [8-03] Common Language Location Identification (CLLI) Use 'BE' to denote Inland Location Code (ILC)		
			LC Agency Location Code (U.S. Government) [8-03] Agency Location Code (U.S. Government) Use 'LC' to denote GEOLOC		
	N104	**67**	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code [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.		
X	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**
			Code describing entity relationship Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment: **N3** **Address Information**
Position: 100
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: [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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**N301**	**166**	**Address Information** Address information [9-01] Address Information	**M**	**AN 1/55**
	N302	**166**	**Address Information** Address information [9-02] Address Information	**O**	**AN 1/55**

Segment: **N4** **Geographic Location**
Position: 110
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: **1** If N406 is present, then N405 is required.
Semantic Notes:
Comments: **1** A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes: [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'.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	**N401**	**19**	**City Name** Free-form text for city name [10-01] City Name	**O**	**AN 2/30**
	N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency [10-02] State or Province Code SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	**O**	**ID 2/2**
	N403	**116**	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States) [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	**O**	**ID 3/15**
	N404	**26**	**Country Code** Code identifying the country [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.	**O**	**ID 2/3**
X	**N405**	**309**	**Location Qualifier** Code identifying type of location Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 1/2**
X	**N406**	**310**	**Location Identifier** Code which identifies a specific location	**O**	**AN 1/30**

Segment: **G61** **Contact**
Position: 120
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom communications should be directed
Syntax Notes: **1** If either G6103 or G6104 is present, then the other is required.
Semantic Notes:
Comments: **1** G6103 qualifies G6104.
Notes: [11] G61 SEGMENT - Shipper POC Information
SEGMENT CONDITION: Use to convey POC as required.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**G6101**	**366**	**Contact Function Code**	**M**	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named		
			[11-01] Contact Code		
			DI — Delivery Instructions Contact		
			[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 — Order Contact		
			[11-01] Order Contact Use 'OC' to denote Order Contact. CHANGE NOTE: Add code value 'OC' per DM 635		
			SH — Shipper Contact		
			[11-01] Shipper Contact Use 'SH' to denote Shipper Contact (use when N101 = SH). CHANGE NOTE: Add user note per DM 635		
M	**G6102**	**93**	**Name**	**M**	**AN 1/60**
			Free-form name		
			[11-02] Name Enter the POC name.		
	G6103	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			[11-03] Communication Number Qualifier		
			EM — Electronic Mail		
			[11-03] Electronic Mail		
			TE — Telephone		
			[11-03] Telephone		
	G6104	**364**	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		
			[11-04] Communication Number Enter the telephone number when G6103 = 'TE'. Enter the electronic mail (e-mail) address when G6103 = 'EM'.		
X	**G6105**	**443**	**Contact Inquiry Reference**	**O**	**AN 1/20**
			Additional reference number or description to clarify a contact number		

Segment: **R4** **Port or Terminal**
Position: 130
Loop: R4 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: Contractual or operational port or point relevant to the movement of the cargo
Syntax Notes: **1** If either R402 or R403 is present, then the other is required.
Semantic Notes:
Comments: **1** R4 is required for each port to be identified.
Notes: [12] R4 SEGMENT - Port Information

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**R401**	**115**	**Port or Terminal Function Code** Code defining function performed at the port or terminal with respect to a shipment [12-01] Port or Terminal Function Code Always send code values 'D' or 'L'.	**M ID 1/1**

D	Port of Discharge (Operational) Port at which cargo is unloaded from vessel [12-01] Port of Discharge (Operational) Use 'D' to denote where the cargo is to be unloaded by the ocean carrier
E	Place of Delivery (Contractual) Place at which cargo leaves its care and custody of carrier [12-01] Place of Delivery (Contractual) Use 'E' to denote Reserved for Future Use
J	Bill of Lading Port of Loading (Contractual) Place at which cargo is loaded on board the means of transport [12-01] Bill of Lading Port of Loading (Contractual) Use 'J' to denote Reserved for Future Use
K	Bill of Lading Port of Discharge (Contractual) Place at which cargo is discharged from means of transport [12-01] Bill of Lading Port of Discharge (Contractual) Use 'K' to denote Reserved for Future Use
L	Port of Loading (Operational) Port at which cargo is loaded on vessel [12-01] Port of Loading (Operational) Use 'L' to denote where the cargo is to be loaded onto the vessel
R	Place of Receipt (Contractual) Place at which cargo enters the care and custody of carrier [12-01] Place of Receipt (Contractual) Use 'R' to denote Reserved for Future Use

>>	**R402**	**309**	**Location Qualifier** Code identifying type of location [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. D — Census Schedule D [12-02] Census Schedule D IM — Military Standard Movement Procedures (MILSTAMP) [12-02] Military Standard Movement Procedures (MILSTAMP) Use 'IM' to denote DoD Water Port Code K — Census Schedule K [12-02] Census Schedule K	**X**	**ID 1/2**
>>	**R403**	**310**	**Location Identifier** Code which identifies a specific location [12-03] Location Identifier	**X**	**AN 1/30**
>>	**R404**	**114**	**Port Name** Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property [12-04] Port Name	**O**	**AN 2/24**
X	**R405**	**26**	**Country Code** Code identifying the country	**O**	**ID 2/3**
X	**R406**	**174**	**Terminal Name** Free-form field for terminal name	**O**	**AN 2/30**
X	**R407**	**113**	**Pier Number** Identifying number for the pier	**O**	**AN 1/4**
X	**R408**	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**O**	**ID 2/2**

Segment: **DTM** **Date/Time Reference**
Position: 140
Loop: R4 Mandatory
Level: Heading
Usage: Optional
Max Use: 15
Purpose: To specify pertinent dates and times
Syntax Notes:
1 At least one of DTM02 DTM03 or DTM05 is required.
2 If DTM04 is present, then DTM03 is required.
3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:
Comments:
Notes: [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')

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time [13-01] Delivery Date Qualifier To specify pertinent dates and times CHANGE NOTE: Remove code value '210' per DM 744. 996 Required Delivery A date on which or before, ordered goods or services must be delivered [13-01] Required Delivery Use '996' to denote Required Delivery Date (RDD)	**M**	**ID 3/3**
>>	**DTM02**	**373**	**Date** Date expressed as CCYYMMDD [13-02] Required Delivery Date Enter Required Delivery Date (RDD). CHANGE NOTE: Element name and user note changed per DM 744.	**X**	**DT 8/8**
X	**DTM03**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**X**	**TM 4/8**
X	**DTM04**	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**DTM05**	**1250**	**Date Time Period Format Qualifier** Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/3**
X	**DTM06**	**1251**	**Date Time Period** Expression of a date, a time, or range of dates, times or dates and times	**X**	**AN 1/35**

Segment: **W09** **Equipment and Temperature**
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To relate equipment type and required temperatures
Syntax Notes:
1 If either W0902 or W0903 is present, then the other is required.
2 If either W0904 or W0905 is present, then the other is required.
Semantic Notes:
1 W0902 is the minimum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0903).
2 W0904 is the maximum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0905).
3 W0906 is used to describe the environment required within an ocean-type, refrigerated container when other than normal air is required.
4 W0908 is the humidity percentage.
5 W0909 is the number of air exchanges per hour.
Comments:
Notes: [14] W09 SEGMENT - Temperature Data
SEGMENT CONDITION: To be used with reefers.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**W0901**	**40**	**Equipment Description Code** Code identifying type of equipment used for shipment [14-01] Equipment Description Code CZ Refrigerated Container [14-01] Refrigerated Container	**M**	**ID 2/2**
>>	**W0902**	**408**	**Temperature** Temperature [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.	**X**	**R 1/4**
>>	**W0903**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken [14-03] Unit or Basis for Measurement Code CHANGE NOTE: Requirement attribute changed to mandatory per DM 743. FA Fahrenheit [14-03] Fahrenheit	**X**	**ID 2/2**
X	**W0904**	**408**	**Temperature** Temperature	**X**	**R 1/4**
X	**W0905**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
X	**W0906**	**3**	**Free Form Message** Free-form text	**O**	**AN 1/60**
X	**W0907**	**1122**	**Vent Setting Code** Code describing the setting on the air vents on ocean-type containers Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**

X	**W0908**	**488**	**Percent** Percent expressed as 0 to 100	**O**	**N0 1/3**
X	**W0909**	**380**	**Quantity** Numeric value of quantity	**O**	**R 1/15**

Segment: **H3** **Special Handling Instructions**
Position: 160
Loop:
Level: Heading
Usage: Optional
Max Use: 6
Purpose: To specify special handling instructions in coded or free-form format
Syntax Notes: **1** Only one of H301 or H302 may be present.
Semantic Notes:
Comments:
Notes: [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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
>>	**H301**	**152**	**Special Handling Code**		**X ID 2/3**
			Code specifying special transportation handling instructions		
			[15-01] Special Handling Code Code values not listed are reserved for future use.		
			15	Speed Restricted to 15 Miles per Hour	
				[15-01] Speed Restricted to 15 Miles per Hour Use '15' to denote 100,000 lb Crane Service	
			25	Speed Restricted to 25 Miles per Hour	
				[15-01] Speed Restricted to 25 Miles per Hour Use '25' to denote 200,000 lb Crane Service	
			35	Speed Restricted to 35 Miles per Hour	
				[15-01] Speed Restricted to 35 Miles per Hour Use '35' to denote 300,000 lb Crane Service	
			045	Advanced Fee	
				[15-01] Advanced Fee Use '045' to denote Over Height - Continental Europe	
			170	Certificate of Origin	
				[15-01] Certificate of Origin Use '170' to denote Over Height - Iraq	
			510	Offshore - Alaska/Hawaii Service	
				[15-01] Offshore - Alaska/Hawaii Service Use '510' to denote Over Height - Jordan	
			555	Preparation of Canadian Customs Invoice	
				[15-01] Preparation of Canadian Customs Invoice Use '555' to denote Agricultural Clearance CHANGE NOTE: Code added per DM 1034	
			565	Preparation of Export Entry	
				[15-01] Preparation of Export Entry Use '565' to denote Over Height - Kuwait	
			A1M	Aggregate 1000	
				[15-01] Aggregate 1000 Use 'A1M' to denote Enhanced ITV - GEN II - Door CHANGE NOTE: code added per DM 1018	

A3M	Aggregate 3000
	[15-01] Aggregate 3000 Use 'A3M' to denote Enhanced ITV - GEN II - Port CHANGE NOTE: code added per DM 1018
A5M	Aggregate 5000
	[15-01] Aggregate 5000 Use 'A5M' to denote Over Height Surcharge - United Arab Emirate
AFN	Air Craft Furnished and Not Used
	[15-01] Air Craft Furnished and Not Used Use 'AFN' to denote Aircraft Handling/Air Terminal Services
AGG	Aggregate Tender Discount
	[15-01] 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
	[15-01] Additional Copy of Shipping Papers for Proof of Delivery Use 'APD' to denote Scanning
APL	Appliance Servicing
	The additional service charge or order for a transportation carrier to service used household goods appliances by securing the item in such a nammer that it withstand handling and transportation
	[15-01] Appliance Servicing
ARG	Rail Armed Guard Service
	[15-01] Rail Armed Guard Service Use 'ARG' to denote High Risk Waters Armed Security
ARR	Air Ride Tractor Service
	[15-01] Air Ride Tractor Service Use 'ARR' to denote Port Arbitrary CHANGE NOTE: code added per DM 1018
AT	Attachment to Move with Car
	[15-01] Attachment to Move with Car Use 'AT' to denote Afghanistan Rail Accessorial
AV	Annual Volume
	[15-01] Annual Volume Use 'AV' to denote Tank Container
BA	Clearinghouse Balance
	[15-01] Clearinghouse Balance Use 'BA' to denote Outer Routing Torkham
BCP	Bypass Consolidation Point
	[15-01] Bypass Consolidation Point Use 'BCP' to denote Import Border Clearance CHANGE NOTE: code added per DM 1018
BKA	Bulky Article
	The additional service charge or order for a transportation carrier to service motorcycles, tractors, riding lawn mowers, privately owned vehicles, and other personal effects of unusual size or nature by securing the item in such a manner that will withstand handling and transportation
	[15-01] Bulky Article Use 'BKA' to denote Unusual Size Differential

BNS	Bolster Load, Do Not Switch
	[15-01] Bolster Load, Do Not Switch Use 'BNS' to denote 45 Foot Container Differential
BU2	Bunker Adjustment - 20 Foot Container
	[15-01] Bunker Adjustment - 20 Foot Container
BU4	Bunker Adjustment - 40 Foot Container
	[15-01] Bunker Adjustment - 40 Foot Container
BUA	Bunker Adjustment
	[15-01] Bunker Adjustment
BW	Bill Shipper for Weigh Charge
	[15-01] Bill Shipper for Weigh Charge Use 'BW' to denote Live Unload. CHANGE NOTE: Code added per DM 845
CA2	Currency Adjustment - 20 Foot Container
	[15-01] Currency Adjustment - 20 Foot Container
CA4	Currency Adjustment - 40 Foot Container
	[15-01] Currency Adjustment - 40 Foot Container
CCH	Certification
	[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	Customs Fees - Container Level
	[15-01] Customs Fees - Container Level Use 'CFC' to denote Cargo Clearance Import CHANGE NOTE: Description changed per DM 1018
CFL	Customs Fees - Lift Level
	[15-01] Customs Fees - Lift Level
CGT	Cargo Taxes
	[15-01] Cargo Taxes Use 'CGT' to denote Tax Authority Clearance (TA)
CH	Carrier
	[15-01] Carrier Use 'CH' to denote 48 Foot Container Differential
CLN	Cleaning
	[15-01] Cleaning Use 'CLN' to denote Rinsing CHANGE NOTE: code added per DM 1018
CLS	Class Rates Applied
	[15-01] Class Rates Applied Use 'CLS' to denote 53 Foot Container Differential
COR	Certification That the Newsprint Winding Cores Being Returned Empty Were Received Filled by Rail Freight Service
	[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	Copilot Service
	[15-01] Copilot Service Use 'CPC' to denote Expedited Origin Linehaul (up to 199 miles)

CRL	Container Lease
	[15-01] Container Lease
CTL	Controlled Atmosphere
	[15-01] Controlled Atmosphere
CTM	Container Mounting
	Carrier mounts container onto chassis
	[15-01] Container Mounting Use 'CTM' to denote Outer Routing - KKT CHANGE NOTE: code added per DM 1018
CTR	Circuitous Routing
	[15-01] Circuitous Routing Use 'CTR' to denote Outer Routing - Chaman CHANGE NOTE: code added per DM 1018
CUF	Currency Adjustment - Break Bulk
	[15-01] Currency Adjustment - Break Bulk Use 'CUF' to denote Currency Adjustment
DA	Dangerous
	[15-01] Dangerous
DDZ	Drayage at Port of Debarkation (Rate Zone)
	[15-01] Drayage at Port of Debarkation (Rate Zone)
DEZ	Drayage at Port of Embarkation (Rate Zone)
	[15-01] Drayage at Port of Embarkation (Rate Zone)
DFD	Keep From Freezing Percent Differential
	[15-01] Keep From Freezing Percent Differential
DLP	Delivery of Fuel From Rail Tank Car to Pipeline
	[15-01] 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
	[15-01] Notify Shipper Immediately if Shipment is Delayed en Route Use 'DLR' to denote Daily In-Transit Visibility CHANGE NOTE: code added per DM 1018
DM	Domestic
	[15-01] Domestic Use 'DM' to denote Refrigerated Container Maintenance (With Power)
DOV	Container Diversion
	[15-01] Container Diversion
DPD	Drayage at Port of Debarkation
	[15-01] Drayage at Port of Debarkation
DPE	Drayage at Port of Embarkation
	[15-01] Drayage at Port of Embarkation
DR	Drop Yard
	[15-01] Drop Yard Use 'DR' to denote Drop and Pick Up CHANGE NOTE: code added per DM 1018
DRU	Drumming Service
	Carrier responsible for transferring product into drums at the point of delivery
	[15-01] Drumming Service Use 'DRU' to denote Tarping at Origin CHANGE NOTE: code added per DM 1018

DSR	Dromedary Service Requested
	[15-01] Dromedary Service Requested Use 'DSR' to denote Flatrack Tie-Down. CHANGE NOTE: Code added per DM 845
DV	Equipment
	[15-01] Equipment Use 'DV' to denote Nuclear Liability Insurance
ERT	Satisfactory Service Standards
	[15-01] Satisfactory Service Standards Use 'ERT' to denote Refrigerated Container Maintenance (Without Power)
EXD	Extra Driver
	[15-01] Extra Driver Use 'EXD' to denote Extra Driver. CHANGE NOTE: Code added per DM 845
EXL	Extra Length Surcharge
	[15-01] Extra Length Surcharge Use 'EXL' to denote Container/Trailer Over-length Surcharge
EXQ	Expedited Service
	Motor service for the immediate dispatch of equipment in continuous line-haul service to meet delivery schedules
	[15-01] Expedited Service Use 'EXQ' to denote Expediate Delivery CHANGE NOTE: code added per DM 1018
EXU	Exclusive Use of Vehicle Damaged
	[15-01] Exclusive Use of Vehicle Damaged Use 'EXU' to denote Cargo Handling Import CHANGE NOTE: code added per DM 1018
EXZ	Expand Remove and Install
	The additional service charge or order for a transportation carrier to prepare, separate, and seal an expando room attached to a mobile home prior to movement and secure the room at destination after the transportation from one location to another has been performed
	[15-01] Expand Remove and Install Use 'EXZ' to denote Cargo Clearance Export CHANGE NOTE: code added per DM 1018
EZE	Roadway Easy Rates Applied
	[15-01] Roadway Easy Rates Applied Use 'EZE' to denote Enhanced Physical Security. CHANGE NOTE: Code added per DM 845
FAK	Barge Freight All Kinds Service
	[15-01] Barge Freight All Kinds Service
FFC	Fuel Filters Furnished by Carrier
	[15-01] Fuel Filters Furnished by Carrier Use 'FFC' to denote Security Convoy. CHANGE NOTE: Code added per DM 845
FLS	Flatrack Surcharge
	[15-01] Flatrack Surcharge
FR	Fragile - Handle with Care
	[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	Grain Inspection
	[15-01] Grain Inspection Use 'GI' to denote Expedited Linehaul to POE. CHANGE NOTE: Code added per DM 845
GMS	Garment Surcharge
	[15-01] Garment Surcharge
GSS	Greater Security Service
	[15-01] Greater Security Service
HAN	Handling
	[15-01] Handling
HMA	Accessible Hazardous Material
	[15-01] Accessible Hazardous Material Use 'HMA' to denote Railcar Inspection
HZC	Hazardous Materials Surcharge
	[15-01] Hazardous Materials Surcharge Use 'HZC' to denote Ammunition Line Haul Service
HZD	Hazardous Cargo On Deck
	[15-01] Hazardous Cargo On Deck
IIH	Icing Inhibitor Service
	[15-01] Icing Inhibitor Service Use 'IIH' to denote Side-load Chassis CHANGE NOTE: Code added per DM 845
KMD	Keep Material Dry
	[15-01] Keep Material Dry Use 'KMD' to denote Dry Container Trucking
LC2	Land Currency Adjustment Factor - 20 Foot Container
	[15-01] 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
	[15-01] 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
	[15-01] Percent Differential - Less Than Container
LD	Loading Devices
	[15-01] Loading Devices Use 'LD' to denote Transloading/Material Handling Equipment (MHE) Support
LEC	Less Than Container
	[15-01] Less Than Container
LFD	Linehaul from Port of Debarkation
	[15-01] Linehaul from Port of Debarkation
LMD	Liner Terms at Port of Debarkation
	[15-01] Liner Terms at Port of Debarkation
LME	Liner Terms at Port of Embarkation
	[15-01] Liner Terms at Port of Embarkation
LPD	Linehaul Percent Differential
	[15-01] Linehaul Percent Differential
LTE	Linehaul To Port of Embarkation
	[15-01] Linehaul To Port of Embarkation

MAT	Modified Atmosphere
	[15-01] Modified Atmosphere
MES	Escort
	[15-01] Escort Use 'MES' to denote Escort/Supercargo
MP	Multiple Pickup
	[15-01] 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
	[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
OCN	Over Height Container
	[15-01] Over Height Container
OCS	Completing Shipment
	[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	Fumigation
	The additional service charge or order for a transportation carrier to fumigate a household goods shipment that is insect infested
	[15-01] Fumigation Use 'OFU' to denote Fumigation CHANGE NOTE: code added per DM 1034
OHC	Harmless
	[15-01] Harmless Use 'OHC' to denote Overheight Surcharge Afghanistan CHANGE NOTE: code added per DM 1018
OOD	On Deck Stowage
	[15-01] On Deck Stowage
OSB	Stow Below Deck
	[15-01] Stow Below Deck
OTC	Temperature Control
	[15-01] Temperature Control Use 'OTC' to denote Dual Temperature Reefer Service
OVR	Overflow
	[15-01] Overflow Use 'OVR' to denote Overweight 70000 For Break Bulk Only CHANGE NOTE: code added per DM 1018
OWC	Over Width Container
	[15-01] Over Width Container
OWR	One Way Rates Applied
	[15-01] One Way Rates Applied Use 'OWR' to denote Overweight 44000 For Break Bulk Only CHANGE NOTE: code added per DM 1018
PRT	Stuffing Charge
	[15-01] Stuffing Charge

PS	Product Protection Service
	[15-01] Product Protection Service Use 'PS' to denote 3D Inspection (Disinfestation, Disinsection, Disinfection, and Sanitation)
PTS	Protective Tarp For Security Purposes
	[15-01] Protective Tarp For Security Purposes Use 'PTS' to denote Tarping at Destination CHANGE NOTE: Description changed per DM 1018
PUK	Pack and Unpack
	The additional service charge or order for a transportation carrier to provide packing services at the origin location and unpacking services at destination site; including labor, packing material, and containers; as part of a household goods shipment
	[15-01] Pack and Unpack Use 'PUK' to denote Crating
PVP	Private Owned Vehicle Processing
	[15-01] Private Owned Vehicle Processing
RDH	Railhead Handling
	[15-01] Railhead Handling
REP	Respotting
	[15-01] Respotting
RFM	Reefer Maintenance
	[15-01] Reefer Maintenance
RPD	Reefer Cargo Percent Differential
	[15-01] Reefer Cargo Percent Differential Use 'RPD' to denote Percentage Differential Accessorial for Refrigerated Cargo
RRR	Round Trip Service
	[15-01] Round Trip Service Use 'RRR' to denote Genset Rental CHANGE NOTE: code added per DM 1018
RT	Record for Transit
	[15-01] Record for Transit Use 'RT' to denote Protective Weapon Service
SD	Subject to Special Detention Rules/Charges
	[15-01] Subject to Special Detention Rules/Charges
SEC	Special Equipment Charge
	[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	Service Charge Applies
	[15-01] Service Charge Applies Use 'SER' to denote Service Charge Applies/Guam Fee for Fruits and Vegetables
SFB	Single Factor Origination/Destination
	[15-01] Single Factor Origination/Destination
SFD	Single Factor Origination/Port of Debarkation
	[15-01] Single Factor Origination/Port of Debarkation
SFE	Single Factor Port of Embarkation/Destination
	[15-01] Single Factor Port of Embarkation/Destination
SLC	Shipper Load and Count
	[15-01] Shipper Load and Count Use 'SLC' to denote Superload

SOC	Stop-off
	Service for stop-off in transit to complete loading or to partially unload a shipment
	[15-01] Stop-off Use 'SOC' to denote Mini Stop-Off (OCONUS)
SPC	Special Permit
	[15-01] Special Permit Use 'SPC' to denote Small Arms Ammunition
SSC	Stripping, Sorting & Consolidation
	[15-01] Stripping, Sorting & Consolidation Use 'SSC' to denote Stripping
SSN	Substitute Service Not to be Used
	[15-01] Substitute Service Not to be Used Use 'SSN' to denote Origin Special Services - Afghanistan
SSU	Pole Lashing Equipment (PLE) Surcharge
	[15-01] Pole Lashing Equipment (PLE) Surcharge
STA	Conductivity/Anti-static Additive
	[15-01] Conductivity/Anti-static Additive Use 'STA' to denote Expedited Origin Linehaul (200 miles to 400 miles)
STD	Stop-off at Destination
	[15-01] Stopoff at Destination Use 'STD' to denote OCONUS Stop-off
STO	Stowage
	[15-01] Stowage
STP	Stop-off at Origination
	[15-01] Stopoff at Origination Use 'STP' to denote CONUS Stop-off
TER	Terminal Handling Charges
	[15-01] Terminal Handling Charges
TRM	Termination
	The additional service charge or order for a transportation carrier to terminate the movement of a household goods shipment at origin or enroute to a destination location
	[15-01] Termination Use 'TRM' to denote Transloading Destination CHANGE NOTE: code added per DM 1018
TRN	Transfer Product
	Carrier required to provide labor and equipment to transfer product
	[15-01] Transfer Product Use 'TRN' to denote Transloading Origin CHANGE NOTE: code added per DM 1018
TRS	Trade Show
	[15-01] Trade Show Use 'TRS' to denote Expedited Origin Linehaul (401 miles to 599 miles)
TS	Transit Shipment
	[15-01] Transit Shipment Use 'TS' to denote Mini Stop-Offs (CONUS)
TT	Team Track Delivery
	[15-01] Team Track Delivery Use 'TT' to denote Expedited Origin Linehaul (base charge > 599 miles)

			TV	Time Volume Rates Only	
				[15-01] Time Volume Rates Only Use 'TV' to denote Expedited Origin Linehaul (ad'll charge > 599 miles)	
			VCL	Van Cleaning	
				[15-01] Van Cleaning Use 'VCL' to denote Wash-Clean-Purge-Certified	
			VIS	Vehicles Inoperable	
				Applies when a vehicle cannot be driven under its own power onto the carrier's conveying equipment	
				[15-01] Vehicles Inoperable Use 'VIS' to denote Vehicles Inoperable CHANGE NOTE: code added per DM 1018	
			VSO	Stop-off Delivery of Personal Vehicles	
				[15-01] Stop Off Delivery of Personal Vehicles Use 'VSO' to denote Veterinarian Inspectable CHANGE NOTE: code added per DM 1018	
			WBB	Wharfage - Breakbulk	
				[15-01] Wharfage - Breakbulk	
			WCT	Wharfage - Container	
				[15-01] Wharfage - Container	
			WFG	Wharfage	
				[15-01] Wharfage	
			WRB	War Risk Crew Bonus	
				[15-01] War Risk Crew Bonus	
			WRI	War Risk Insurance	
				[15-01] War Risk Insurance	
			XP	Export	
				[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	
			ZZZ	Mutually Defined	
				[15-01] Mutually Defined Use 'ZZZ' to denote Customs Services-Cargo Clearance	
X	**H302**	**153**	**Special Handling Description**	**X**	**AN 2/30**
			Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate		
X	**H303**	**241**	**Protective Service Code**	**O**	**ID 1/4**
			Code specifying perishable protective service- rail carriers only Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**H304**	**242**	**Vent Instruction Code**	**O**	**ID 1/7**
			Code specifying vent instructions Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**H305**	**257**	**Tariff Application Code**	**O**	**ID 1/1**
			Code indicating to which traffic a tariff applies Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment: **LX** **Assigned Number**
Position: 010
Loop: LX Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:
Notes: [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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**LX01**	**554**	**Assigned Number** Number assigned for differentiation within a transaction set [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**

Segment: **N7** **Equipment Details**
Position: 020
Loop: LX Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the equipment
Syntax Notes:
1 If either N703 or N704 is present, then the other is required.
2 If either N705 or N716 is present, then the other is required.
3 If either N708 or N709 is present, then the other is required.
Semantic Notes:
1 N712 is the owner of the equipment.
2 N723 is the operator or carrier of the rights of the equipment.
Comments:
1 N701 is mandatory for rail transactions.
2 N720 and N721 are expressed in inches.
Notes: [17] N7 SEGMENT - Equipment Description
SEGMENT CONDITION: Use only for non-ISO identified CONTAINERIZED CARGO. Do NOT use for breakbulk cargo.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	N701	**206**	**Equipment Initial** Prefix or alphabetic part of an equipment unit's identifying number [17-01] Equipment Initial SOURCE: IATA Unit Load Devices Manual available from International Air Transport Association	**O**	**AN 1/4**
M	**N702**	**207**	**Equipment Number** Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) [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 1/10**
X	**N703**	**81**	**Weight** Numeric value of weight	**X**	**R 1/10**
X	**N704**	**187**	**Weight Qualifier** Code defining the type of weight Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 1/2**
X	**N705**	**167**	**Tare Weight** Weight of the equipment	**X**	**N0 3/8**
X	**N706**	**232**	**Weight Allowance** Allowance made for increased weight due to such factors as snow	**O**	**N0 2/6**
X	**N707**	**205**	**Dunnage** Weight of material used to protect lading (even bracings, false floors, etc.)	**O**	**N0 1/6**
X	**N708**	**183**	**Volume** Value of volumetric measure	**X**	**R 1/8**
X	**N709**	**184**	**Volume Unit Qualifier** Code identifying the volume unit Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 1/1**
X	**N710**	**102**	**Ownership Code** Code indicating the relationship of equipment to carrier or ownership of equipment Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**

>>	**N711**	**40**	**Equipment Description Code**	**O**	**ID 2/2**

Code identifying type of equipment used for shipment

[17-11] Equipment Description Code

AC	Closed Container
	[17-11] Closed Container
AT	Closed Container (Controlled Temperature)
	[17-11] Closed Container (Controlled Temperature)
BC	Covered Barge
	[17-11] Covered Barge
BK	Container, Bulk
	[17-11] Container, Bulk
BO	Barge Open
	[17-11] Barge Open
BR	Barge
	[17-11] Barge
CC	Container resting on a Chassis
	[17-11] Container resting on a Chassis
CG	Container, Tank (Gas)
	[17-11] Container, Tank (Gas)
CI	Container, Insulated
	[17-11] Container, Insulated
CJ	Container, Insulated/Ventilated
	[17-11] Container, Insulated/Ventilated
CL	Container (Closed Top - Length Unspecified)
	[17-11] Container (Closed Top - Length Unspecified)
CM	Container, Open-Sided
	[17-11] Container, Open-Sided
CN	Container
	[17-11] Container
CQ	Container, Tank (Food Grade-Liquid)
	[17-11] Container, Tank (Food Grade-Liquid)
CS	Container-Low Side Open Top
	[17-11] Container-Low Side Open Top
CU	Container (Open Top - Length Unspecified)
	[17-11] Container (Open Top - Length Unspecified)
CV	Closed Van
	[17-11] Closed Van
CW	Container, Tank (Chemicals)
	[17-11] Container, Tank (Chemicals)
CX	Container, Tank
	[17-11] Container, Tank
CZ	Refrigerated Container
	[17-11] Refrigerated Container
DT	Drop Back Trailer
	[17-11] Drop Back Trailer
FH	Flat Bed Trailer with Headboards
	[17-11] Flat Bed Trailer with Headboards
FN	Flat Bed Trailer with No Headboards
	[17-11] Flat Bed Trailer with No Headboards

FR	Flat Bed Trailer - Removable Sides
	[17-11] Flat Bed Trailer - Removable Sides
FT	Flat Bed Trailer
	[17-11] Flat Bed Trailer
HB	Container with Hangar Bars
	Container must be equipped with hangar beams/bars for garment shipments
	[17-11] Container with Hangar Bars
HV	High Cube Van
	[17-11] High Cube Van
IX	Boxcar (Insulated)
	[17-11] Boxcar (Insulated)
LS	Half Height Flat Rack
	[17-11] Half Height Flat Rack
OT	Open-top/flatbed trailer
	[17-11] Open-top/flatbed trailer
OV	Open Top Van
	[17-11] Open Top Van
PL	Container, Platform
	[17-11] Container, Platform
RA	Fixed-Rack, Flat-Bed Trailer
	A flatbed trailer with an A-frame
	[17-11] Fixed-Rack, Flat-Bed Trailer
RC	Refrigerated (Reefer) Car
	[17-11] Refrigerated (Reefer) Car
RD	Fixed-Rack, Double Drop Trailer
	A double-drop, flatbed with an A-frame
	[17-11] Fixed-Rack, Double Drop Trailer
RE	Flat Car (End Bulkheads)
	[17-11] Flat Car (End Bulkheads)
RF	Flat Car
	[17-11] Flat Car
RR	Rail Car
	[17-11] Rail Car
RS	Fixed-Rack, Single-Drop Trailer
	A single-drop, flatbed with an A-frame
	[17-11] Fixed-Rack, Single-Drop Trailer
RT	Controlled Temperature Trailer (Reefer)
	[17-11] Controlled Temperature Trailer (Reefer)
SD	Single-Drop Trailer
	A flatbed trailer with one drop deck
	[17-11] Single-Drop Trailer
SL	Container, Steel
	Container must be made of steel
	[17-11] Container, Steel
SS	Container with Smooth Sides
	Walls in ocean container must be flat/smooth
	[17-11] Container with Smooth Sides
ST	Removable Side Trailer
	[17-11] Removable Side Trailer

			TA	Trailer, Heated/Insulated/Ventilated	
				[17-11] Trailer, Heated/Insulated/Ventilated	
			TC	Trailer, Car	
				[17-11] Trailer, Car	
			TF	Trailer, Dry Freight	
				[17-11] Trailer, Dry Freight	
			TI	Trailer, Insulated	
				[17-11] Trailer, Insulated	
			TL	Trailer (not otherwise specified)	
				[17-11] Trailer (not otherwise specified)	
			TM	Trailer, Insulated/Ventilated	
				[17-11] Trailer, Insulated/Ventilated	
			TW	Trailer, Refrigerated	
				A refrigerated trailer capable of keeping product cold. Different from a temperature controlled trailer which is able to keep product at a constant temperature	
				[17-11] Trailer, Refrigerated	
			VA	Container, Vented	
				Dry container must have vent openings for air exchange	
				[17-11] Container, Vented	
X	**N712**	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**
			Standard Carrier Alpha Code		
X	**N713**	**319**	**Temperature Control**	**O**	**AN 3/6**
			Free-form abbreviation of temperature range or flash-point temperature		
X	**N714**	**219**	**Position**	**O**	**AN 1/3**
			Relative position of shipment in car, trailer, or container (mutually defined)		
>>	**N715**	**567**	**Equipment Length**	**O**	**N0 4/5**
			Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)		
			[17-15] Equipment Length		
X	**N716**	**571**	**Tare Qualifier Code**	**X**	**ID 1/1**
			Code identifying the type of tare		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**N717**	**188**	**Weight Unit Code**	**O**	**ID 1/1**
			Code specifying the weight unit		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**N718**	**761**	**Equipment Number Check Digit**	**O**	**N0 1/1**
			Number which designates the check digit applied to a piece of equipment		
X	**N719**	**56**	**Type of Service Code**	**O**	**ID 2/2**
			Code specifying extent of transportation service requested		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	N720	**65**	**Height**	**O**	**R 1/8**
			Vertical dimension of an object measured when the object is in the upright position		
			[17-20] Height		
X	**N721**	**189**	**Width**	**O**	**R 1/8**
			Shorter measurement of the two horizontal dimensions measured with the object in the upright position		
X	**N722**	**24**	**Equipment Type**	**O**	**ID 4/4**
			Code identifying equipment type		

X	**N723**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	**O**	**ID 2/4**
X	**N724**	**301**	**Car Type Code** Code specifying type of rail car or intermodal equipment type and its general characteristics	**O**	**ID 1/4**

Segment: **L0** **Line Item - Quantity and Weight**
Position: 040
Loop: LX Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data
Syntax Notes:
1 If either L002 or L003 is present, then the other is required.
2 If either L004 or L005 is present, then the other is required.
3 If either L006 or L007 is present, then the other is required.
4 If either L008 or L009 is present, then the other is required.
5 If L011 is present, then L004 is required.
6 If either L013 or L015 is present, then the other is required.
Semantic Notes:
1 L008 is the number of handling units of the line item tendered to the carrier.
2 L013 can only be used if the code in L009 is PLT, SKD, or SLP.
3 L015 designates whether the carrier will be required to verify the number of units contained on a pallet, slip sheet or skid. Code "Y" indicates that the carrier will be required to verify. Code "N" indicates that the carrier will not be required to verify.
Comments:
1 L013 is used to convey the total number of boxes, cartons, or pieces contained on a pallet, skid, or slip sheet for the line item.
Notes: [18] L0 SEGMENT - Weight/Volume/Pieces/Lading Quantity
CHANGE NOTE: Segment made mandatory per DM 744.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
X	**L001**	**213**	**Lading Line Item Number** Sequential line number for a lading item	**O**	**N0 1/3**
X	**L002**	**220**	**Billed/Rated-as Quantity** Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81	**X**	**R 1/11**
X	**L003**	**221**	**Billed/Rated-as Qualifier** Code identifying the type of quantity or value on which the rate or item pricing is based Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
>>	**L004**	**81**	**Weight** Numeric value of weight [18-04] Weight CHANGE NOTE: Element made mandatory per DM 744.	**X**	**R 1/10**
>>	**L005**	**187**	**Weight Qualifier** Code defining the type of weight [18-05] Weight Qualifier CHANGE NOTE: Element made mandatory per DM 744. E Estimated Net Weight [18-05] Estimated Net Weight	**X**	**ID 1/2**
	L006	**183**	**Volume** Value of volumetric measure [18-06] Volume	**X**	**R 1/8**
	L007	**184**	**Volume Unit Qualifier** Code identifying the volume unit [18-07] Volume Unit Qualifier E Cubic Feet [18-07] Cubic Feet	**X**	**ID 1/1**

	L008	**80**	**Lading Quantity**	**X**	**N0 1/7**
			Number of units (pieces) of the lading commodity		
			[18-08] Lading Quantity This is the number of breakbulk pieces. Do NOT use this element with containerized cargo.		
	L009	**211**	**Packaging Form Code**	**X**	**ID 3/3**
			Code for packaging form of the lading quantity		
			[18-09] Packaging Form Code		
			PCS Pieces		
			[18-09] Pieces		
X	**L010**	**458**	**Dunnage Description**	**O**	**AN 2/25**
			Material used to protect lading		
	L011	**188**	**Weight Unit Code**	**O**	**ID 1/1**
			Code specifying the weight unit		
			[18-11] Weight Unit Code		
			K Kilograms		
			[18-11] Kilograms		
			L Pounds		
			[18-11] Pounds		
X	**L012**	**56**	**Type of Service Code**	**O**	**ID 2/2**
			Code specifying extent of transportation service requested		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**L013**	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
X	**L014**	**211**	**Packaging Form Code**	**O**	**ID 3/3**
			Code for packaging form of the lading quantity		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**L015**	**1073**	**Yes/No Condition or Response Code**	**X**	**ID 1/1**
			Code indicating a Yes or No condition or response		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment: **L5** **Description, Marks and Numbers**
Position: 050
Loop: LX Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify the line item in terms of description, quantity, packaging, and marks and numbers
Syntax Notes:
1 If either L503 or L504 is present, then the other is required.
2 If L507 is present, then L506 is required.
3 If either L508 or L509 is present, then the other is required.
Semantic Notes:
Comments:
1 L502 may be used to send quantity information as part of the product description.
Notes: [19] L5 SEGMENT - Commodity Description

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
X	**L501**	**213**	**Lading Line Item Number** Sequential line number for a lading item	**O**	**N0 1/3**
	L502	**79**	**Lading Description** Description of an item as required for rating and billing purposes [19-02] Lading Description This is a free form text describing the commodity code.	**O**	**AN 1/50**
>>	**L503**	**22**	**Commodity Code** Code describing a commodity or group of commodities [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.	**X**	**AN 1/30**
>>	**L504**	**23**	**Commodity Code Qualifier** Code identifying the commodity coding system used for Commodity Code [19-04] Commodity Code Qualifier CHANGE NOTE: Element made mandatory per DM 744, I Milstamp AITC or Water Commodity Code [19-04] Milstamp AITC or Water Commodity Code	**X**	**ID 1/1**
	L505	**103**	**Packaging Code** Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required [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. AMM Ammo Pack [19-05] Ammo Pack AMP Ampoule [19-05] Ampoule BAG Bag [19-05] Bag BBL Barrel [19-05] Barrel BDL Bundle [19-05] Bundle	**O**	**AN 3/5**

BOX	Box
	[19-05] Box
CAN	Can
	[19-05] Can
CNA	Household Goods Container, Wood
	[19-05] Household Goods Container, Wood
CNT	Container
	[19-05] Container
CRT	Crate
	[19-05] Crate
CTN	Carton
	[19-05] Carton
CX2	CONEX
	A reusable container for shipment of cargo
	[19-05] CONEX
CYL	Cylinder
	[19-05] Cylinder
DBK	Dry Bulk
	[19-05] Dry Bulk
DRM	Drum
	[19-05] Drum
KEG	Keg
	[19-05] Keg
LBK	Liquid Bulk
	[19-05] Liquid Bulk
ML2	MILVAN
	A military owned demountable container that conforms to US and international standards and operates in a centrally controlled fleet for movement of military cargo
	[19-05] MILVAN
MS2	MSCVAN
	A commercial (leased) or Government-owned shipping container controlled by the Military Sealift Command
	[19-05] MSCVAN
PCS	Pieces
	[19-05] Pieces
PLT	Pallet
	[19-05] Pallet
REL	Reel
	[19-05] Reel
SKD	Skid
	[19-05] Skid
SV2	SEAVAN
	A commercial or government-owned (or leased) shipping container which is moved via ocean transportation without wheels attached and is lifted on and off a ship
	[19-05] SEAVAN
TNK	Tank
	[19-05] Tank

			VEH	Vehicles	
				[19-05] Vehicles	
			WHE	On Own Wheel	
				[19-05] On Own Wheel Use 'WHE' to denote RORO	
	L506	**87**	**Marks and Numbers**	**X**	**AN 1/48**
			Marks and numbers used to identify a shipment or parts of a shipment		
			[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.		
X	**L507**	**88**	**Marks and Numbers Qualifier**	**O**	**ID 1/2**
			Code specifying the application or source of Marks and Numbers (87) Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**L508**	**23**	**Commodity Code Qualifier**	**X**	**ID 1/1**
			Code identifying the commodity coding system used for Commodity Code Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**L509**	**22**	**Commodity Code**	**X**	**AN 1/30**
			Code describing a commodity or group of commodities		
X	**L510**	**595**	**Compartment ID Code**	**O**	**ID 1/1**
			Code identifying the compartment in a compartmentalized tank car Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment: **L4** **Measurement**
Position: 060
Loop: LX Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe physical dimensions and quantities
Syntax Notes:
Semantic Notes: **1** L406 is the Rounding in Pattern for dimensional shipments.
Comments:
Notes: [20] L4 SEGMENT - Measurements
SEGMENT CONDITION: Only use for outsized cargo.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**L401**	**82**	**Length** Largest horizontal dimension of an object measured when the object is in the upright position [20-01] Length	**M**	**R 1/8**
M	**L402**	**189**	**Width** Shorter measurement of the two horizontal dimensions measured with the object in the upright position [20-02] Width	**M**	**R 1/8**
M	**L403**	**65**	**Height** Vertical dimension of an object measured when the object is in the upright position [20-03] Height	**M**	**R 1/8**
M	**L404**	**90**	**Measurement Unit Qualifier** Code specifying the linear dimensional unit [20-04] Measurement Unit Qualifier N Inches [20-04] Inches	**M**	**ID 1/1**
	L405	**380**	**Quantity** Numeric value of quantity [20-05] Quantity This quantity is the number of oversized breakbulk pieces	**O**	**R 1/15**
X	**L406**	**1271**	**Industry Code** Code indicating a code from a specific industry code list	**O**	**AN 1/30**

Segment: **L1** **Rate and Charges**
Position: 065
Loop: LX Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements
Syntax Notes:
1 If either L102 or L103 is present, then the other is required.
2 At least one of L104 L105 or L106 is required.
3 If either L114 or L115 is present, then the other is required.
4 If either L117 or L118 is present, then the other is required.
Semantic Notes:
1 L119 is the percent used to determine the charge in L104.
2 L120, if used, indicates the currency for all monetary amounts in this L1 segment.
3 L121 is the origin rated as charge amount.
Comments:
Notes: [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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	**L101**	**213**	**Lading Line Item Number** Sequential line number for a lading item [21-01] Lading Line Item Number	**O**	**N0 1/3**
	L102	**60**	**Freight Rate** Rate that applies to the specific commodity [21-02] Freight Rate	**X**	**R 1/9**
	L103	**122**	**Rate/Value Qualifier** Code qualifying how to extend charges or interpret value [21-03] Rate/Value Qualifier Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
>>	**L104**	**58**	**Charge** For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified [21-04] Charge	**X**	**N2 1/12**
X	**L105**	**191**	**Advances** Incidental charges occurring during transportation which are not generally considered to be freight charges (examples - stop charges, diversion and reconsignment, icing) expressed in the standard monetary denomination for the currency specified	**X**	**N2 1/9**
X	**L106**	**117**	**Prepaid Amount** Money paid at point of origin (usually by shipper) expressed in the standard monetary denomination for the currency specified	**X**	**N2 1/9**
X	**L107**	**120**	**Rate Combination Point Code** The code denoting the connecting station for a joint rate obtained by combining two or more published rates which are used for the calculation of transportation charges Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**AN 3/9**
	L108	**150**	**Special Charge or Allowance Code** Code identifying type of special charge or allowance [21-08] Special Charge or Allowance Code Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 3/3**

X	**L109**	**121**	**Rate Class Code** Code identifying specifically designated class of goods; Note: For international air shipments, see IATA Resolution 600k Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/3**
X	**L110**	**39**	**Entitlement Code** Code identifying entitlement party Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**L111**	**16**	**Charge Method of Payment** Code defining method of payment Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
	L112	**276**	**Special Charge Description** Identification of special charge; this data element is used whenever an applicable code cannot be found in data element 150 [21-12] Special Charge Description	**O**	**AN 2/25**
X	**L113**	**257**	**Tariff Application Code** Code indicating to which traffic a tariff applies Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**L114**	**74**	**Declared Value** Monetary assigned value expressed in the standard monetary denomination for the currency specified	**X**	**N2 2/12**
X	**L115**	**122**	**Rate/Value Qualifier** Code qualifying how to extend charges or interpret value Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
X	**L116**	**372**	**Lading Liability Code** Code identifying limits of liability Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**L117**	**220**	**Billed/Rated-as Quantity** Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81	**X**	**R 1/11**
X	**L118**	**221**	**Billed/Rated-as Qualifier** Code identifying the type of quantity or value on which the rate or item pricing is based Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
X	**L119**	**954**	**Percent** Percentage expressed as a decimal	**O**	**R 1/10**
X	**L120**	**100**	**Currency Code** Code (Standard ISO) for country in whose currency the charges are specified	**O**	**ID 3/3**
X	**L121**	**610**	**Amount** Monetary amount	**O**	**N2 1/15**

Segment: **H1** **Hazardous Material**
Position: 070
Loop: H1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify information relative to hazardous material
Syntax Notes: **1** If either H107 or H108 is present, then the other is required.
Semantic Notes:
Comments: **1** This segment is required when the shipment contains hazardous material.
2 H107 is the lowest temperature for hazardous materials.
Notes: [22] H1 SEGMENT - Hazardous Material Information
SEGMENT CONDITION: Use for hazardous shipments.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**H101**	**62**	**Hazardous Material Code** Code relating to hazardous material code qualifier for regulated hazardous materials [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	**M**	**AN 4/10**
>>	**H102**	**209**	**Hazardous Material Class Code** Code specifying the kind of hazard for a material [22-02] Hazardous Material Class Code Use the IMDG number found in Source Code 52.	**O**	**AN 1/4**
>>	**H103**	**208**	**Hazardous Material Code Qualifier** Code which qualifies the Hazardous Material Class Code (209) [22-03] Hazardous Material Code Qualifier I Intergovernmental Maritime Organization (IMO) Code [22-03] Intergovernmental Maritime Organization (IMO) Code	**O**	**ID 1/1**

>>	**H104**	**64**	**Hazardous Material Description**	**O**	**AN 2/30**
			Material name, special instructions, and phone number if any		
			[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 Dangerous Goods available from Sales No: 200 89.10.E International Maritime Organization		
>>	**H105**	**63**	**Hazardous Material Contact**	**O**	**AN 1/24**
			Phone number and name of person or department to contact in case of emergency		
			[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.		
>>	**H106**	**200**	**Hazardous Materials Page**	**O**	**AN 1/6**
			The United Nations page number as required for the international transport of hazardous materials		
			[22-06] Hazardous Materials Page SOURCE: International Maritime Dangerous Goods Code available from Intergovernment Maritime Consultants Organization (IMCO)		
	H107	**77**	**Flashpoint Temperature**	**X**	**N0 1/3**
			The flashpoint temperature for hazardous material		
			[22-07] Flashpoint Temperature		
	H108	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			[22-08] Unit or Basis for Measurement Code		
			CE — Centigrade, Celsius [22-08] Centigrade, Celsius Use 'CE' to denote Centigrade		
			FA — Fahrenheit [22-08] Fahrenheit		

H109	**254**	**Packing Group Code**	**O**	**ID 1/3**
		Code indicating degree of danger in terms of Roman number I, II or III		
		[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		

Segment: **H2** **Additional Hazardous Material Description**
Position: 080
Loop: H1 Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify free-form hazardous material descriptive data in addition to the information provided in the H1 segment
Syntax Notes:
Semantic Notes:
Comments:
Notes: [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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**H201**	**64**	**Hazardous Material Description** Material name, special instructions, and phone number if any [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	**M**	**AN 2/30**
	H202	**274**	**Hazardous Material Classification** Free-form description of hazardous material classification or division or label requirements [23-02] Hazardous Material Classification ELEMENT CONDITION: Information in this element is a continuation from H104.	**O**	**AN 1/30**

Segment: **V1** **Vessel Identification**
Position: 090
Loop:
Level: Detail
Usage: Optional (Must Use)
Max Use: 2
Purpose: To provide vessel details and voyage number
Syntax Notes:
1 At least one of V101 or V102 is required.
2 If V108 is present, then V101 is required.
Semantic Notes:
1 V103 is the code identifying the country in which the ship (vessel) is registered.
2 V105 identifies the ocean carrier.
Comments:
Notes: [24] V1 SEGMENT - Vessel Identification

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	**V101**	**597**	**Vessel Code** Code identifying vessel [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	**X**	**ID 1/8**
>>	**V102**	**182**	**Vessel Name** Name of ship as documented in "Lloyd's Register of Ships" [24-02] Vessel Name SOURCE: Lloyd's Register of Shipping	**X**	**AN 2/28**
>>	**V103**	**26**	**Country Code** Code identifying the country [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.	**O**	**ID 2/3**
>>	**V104**	**55**	**Flight/Voyage Number** Identifying designator for the particular flight or voyage on which the cargo travels [24-04] Voyage Number Enter the commercial voyage number.	**O**	**AN 2/10**
X	**V105**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	**O**	**ID 2/4**
X	**V106**	**249**	**Vessel Requirement Code** Code specifying options for satisfying vessel requirements Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**V107**	**854**	**Vessel Type Code** Code to determine type of vessel Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**

	V108	**897**	**Vessel Code Qualifier**	**O**	**ID 1/1**
			Code specifying vessel code source		
			[24-08] Vessel Code Qualifier		
			C Ship's Radio Call Signal		
			[24-08] Ship's Radio Call Signal		
			L Lloyd's Register of Shipping		
			[24-08] Lloyd's Register of Shipping		
			Z Mutually Defined		
			[24-08] Mutually Defined Use 'Z' to denote Barges or Other Vessels Not Identified by Lloyds		
X	**V109**	**91**	**Transportation Method/Type Code**	**O**	**ID 1/2**
			Code specifying the method or type of transportation for the shipment Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment: **V9** **Event Detail**
Position: 100
Loop:
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify information about a specific event
Syntax Notes:
1 If either V910 or V911 is present, then the other is required.
2 If V913 is present, then V904 is required.
3 If V915 is present, then V909 is required.

Semantic Notes:
1 V903 is the event date.
2 V904 is the event time.
3 V909 is the Standard Point Location Code (SPLC) of the event shown in the V901.
4 V910 is the length of the time delay expressed in hours.
5 V913 reflects the time zone which the event time reflects.
6 V914 is the quantity of the fuel in gallons.
7 V915 is the Standard Point Location Code (SPLC) of the secondary point of the delay indicated in the V911.
8 V916 is the total number of rail cars associated with the event code in V901.
9 V917 is the total number of loaded cars associated with the event code in V901.
10 V918 is the total number of empty cars associated with the event code in V901.
11 V919 is the total Gross Tons of the cars identified in V916. Includes the gross weight of the loads and the tare weight of the empties.
12 V920 is the total outside foot length of the cars identified in V916, rounded off to the nearest foot.

Comments:
Notes:
[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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**V901**	**304**	**Event Code** Code identifying the event about which a report is made [25-01] Event Code [26-01] DTOD Qualifier SPT — Spot Date [25-01] Spot Date ZZZ — Mutually Defined [26-01] Mutually Defined Use 'ZZZ' to denote Defense Table of Official Distances (DTOD)	**M**	**ID 3/3**
>>	**V902**	**106**	**Event** Free-form description of event [26-02] Mileage Qualifier Enter value '1B' to designate overseas mileage or value 'SD' to denote CONUS Mileage.	**O**	**AN 1/25**
>>	**V903**	**373**	**Date** Date expressed as CCYYMMDD [25-03] Date Enter the spot date. CHANGE NOTE: Make element mandatory per DM 744.	**O**	**DT 8/8**

X	**V904**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**X**	**TM 4/8**
X	**V905**	**19**	**City Name** Free-form text for city name	**O**	**AN 2/30**
X	**V906**	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**O**	**ID 2/2**
X	**V907**	**26**	**Country Code** Code identifying the country	**O**	**ID 2/3**
X	**V908**	**641**	**Status Reason Code** Code indicating the status reason Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 3/3**
X	**V909**	**154**	**Standard Point Location Code** Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city	**X**	**ID 6/9**
X	**V910**	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
X	**V911**	**1274**	**Train Delay Reason Code** Code specifying reason for train delay	**X**	**AN 2/2**
>>	**V912**	**61**	**Free-Form Message** Free-form information [25-12] Free-Form Message Enter the number of containers to be spotted. [26-12] Mileage Enter appropriate mileage.	**O**	**AN 1/30**
X	**V913**	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**V914**	**380**	**Quantity** Numeric value of quantity	**O**	**R 1/15**
X	**V915**	**154**	**Standard Point Location Code** Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city	**O**	**ID 6/9**
X	**V916**	**86**	**Total Equipment** Total pieces of equipment	**O**	**N0 1/3**
X	**V917**	**86**	**Total Equipment** Total pieces of equipment	**O**	**N0 1/3**
X	**V918**	**86**	**Total Equipment** Total pieces of equipment	**O**	**N0 1/3**
X	**V919**	**81**	**Weight** Numeric value of weight	**O**	**R 1/10**
X	**V920**	**82**	**Length** Largest horizontal dimension of an object measured when the object is in the upright position	**O**	**R 1/8**

Segment: **K1** **Remarks**
Position: 110
Loop:
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To transmit information in a free-form format for comment or special instruction
Syntax Notes:
Semantic Notes:
Comments:
Notes: [27] K1 SEGMENT - Message
SEGMENT CONDITION: Use to convey Free Form Text Message as required.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**K101**	**61**	**Free-Form Message** Free-form information [27-01] Free-Form Message	**M**	**AN 1/30**
	K102	**61**	**Free-Form Message** Free-form information [27-02] Free-Form Message	**O**	**AN 1/30**

Segment: **SE** **Transaction Set Trailer**
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: **1** SE is the last segment of each transaction set.
Notes: [28] SE SEGMENT - Reservation (Booking Request) (Ocean) Trailer

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**SE01**	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments [28-01] Number of Included Segments Total segments in this transaction set including the ST and SE segments.	**M N0 1/10**
M	**SE02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set [28-02] Transaction Set Control Number This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.	**M AN 4/9**

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 300 - Reservation (Booking Request) (Ocean)	M	ID	3/3	1	010	M	1				ST01	143	M	ID	3/3
							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 Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.The application and structure of the control number must be agreed upon between trading partners. (For example, some applications use all nine digits where the first five might indicate a group control number and the last four represent the sequence of the transaction set within the functional group. Also, the entire nine digit field may simply represent the sequence of the transaction set generated by a trading partner.)	M	AN	4/9	1	010	M	1				ST02	329	M	AN	4/9
2		**B1 SEGMENT - Shipment Identification**	M			1	020	M	1								
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.	M	ID	2/4	1	020	M	1				B101	140	O	ID	2/4
							B101 is the Standard Carrier Alpha Code (SCAC) of the carrier sending the EDI transmission.										
2-02		Shipment Identification Number Enter in an eight (8) digit alpha numeric code. The first six (6) digits are the Port Call File Number (PCFN) and the last two (2) digits are the year.	M	AN	8/8	1	020	M	1				B102	145	M	AN	1/30
2-03		Reservation Action Date Enter Date applicable to the Reservation Action in the B104, expressed as CCYYMMDD	M	DT	8/8	1	020	M	1				B103	373	O	DT	8/8
							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 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 *Use 'B' to denote Reinstatement.* N - New U - Change	M	ID	1/1	1	020	M	1				B104	558	O	ID	1/1
3		**G61 SEGMENT - Booking Contact Information** SEGMENT CONDITION: Use when Booking Contact Information applies.	C			1	025	O	3								
							If either G6103 or G6104 is present, then the other is required.										
3-01		Contact Function Code IC - Information Contact *Use 'IC' to denote Booking Contact.*	M	ID	2/2	1	025	O	3				G6101	366	M	ID	2/2
3-02		Name Enter Booker Name at SDDC Booking Office. CHANGE NOTE: User note added per DM 744.	M	AN	1/60	1	025	O	3				G6102	93	M	AN	1/60
3-03		Communication Number Qualifier EM - Electronic Mail TE - Telephone	C	ID	2/2	1	025	O	3				G6103	365	C	ID	2/2
							G6103 qualifies G6104.										
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'	C	AN	1/80	1	025	O	3				G6104	364	C	AN	1/80
4		**Y1 SEGMENT - Sailing Date** CHANGE NOTE: References to "flight" removed from Y1 segment per DM 744.	M			1	050	M	1								
							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 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	M	DT	8/8	1	050	M	1				Y101	135	O	DT	8/8
4-02		Sailing Date The date the cargo is available for pickup or receipt at load port.	M	DT	8/8	1	050	M	1				Y102	373	C	DT	8/8
							Y102 is the date the shipment for which space reservation is requested to be available at the origin.										
4-04		Transportation Method/Type Code 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 *Use 'Q' to denote Breakbulk or RORO.*	C	ID	1/2	1	050	M	1				Y104	91	O	ID	1/2
4-09		Date/Time Qualifier CHANGE NOTE: Code value and user note added per DM 713. 169 - Product Availability Date *Use '169' to denote Cargo Availability Date.*	M	ID	3/3	1	050	M	1				Y109	374	C	ID	3/3
5		**Y2 SEGMENT - Container Information** CHANGE NOTE: Segment made mandatory per DM 744.	M			1	060	O	1	10	1	Y2					
5-01		Number of Containers Use a value zero (0) if offering breakbulk.	M	N0	1/4	1	060	O	1	10	1	Y2	Y201	95	M	N0	1/4
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. C - Containers with Chassis W - Chassis Only	C	ID	1/1	1	060	O	1	10	1	Y2	Y202	78	O	ID	1/1
5-03		Type of Service Code ELEMENT CONDITION: Use only for breakbulk NC - Non-containerized cargo	C	ID	2/2	1	060	O	1	10	1	Y2	Y203	56	O	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		
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.	M	ID	4/4	1	060	O	1	10	1	Y2	Y204	24	M	ID	4/4
5-08		Container Terms Code These are the lading terms, MILSTAMP Codes, as described in the Code Source 350, Defense Logistics Management System Manual. This manual can be obtained from the Defense Logistics Management Standards Office. SOURCE: Defense Logistics Management System Manual	C	ID	3/3	1	060	O	1	10	1	Y2	Y208	464	O	ID	3/3
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.	C	N0	1/2	1	060	O	1	10	1	Y2	Y210	466	O	N0	1/2
6		**W09 SEGMENT - Temperature Data** SEGMENT CONDITION: Use this segment only when H301 = 'RPD' (meaning that two temperature settings within a container are required) and L503 = 11X (Dual Temp (Chill/Freeze) Reefer Cargo). If specifying only one temperature setting, use the W09 segment at Table 1, Position 150. CHANGE NOTE: Segment inserted per DM 653.	C			1	065	O	1	10	1	Y2					
							If either W0902 or W0903 is present, then the other is required. If either W0904 or W0905 is present, then the other is required.										
6-01		Equipment Description Code CZ - Refrigerated Container	M	ID	2/2	1	065	O	1	10	1	Y2	W0901	40	M	ID	2/2
6-02		Temperature Enter the Required Set Temperature. CHANGE NOTE: Modify user note and make element mandatory per DM 744.	M	R	1/4	1	065	O	1	10	1	Y2	W0902	408	C	R	1/4
							W0902 is the minimum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0903).										
6-03		Unit or Basis for Measurement Code 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 Enter the maximum temperature.	C	R	1/4	1	065	O	1	10	1	Y2	W0904	408	C	R	1/4
							W0904 is the maximum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0905).										
6-05		Unit or Basis for Measurement Code FA - Fahrenheit	C	ID	2/2	1	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 Enter a specifically desired Fahrenheit temperature preceded by a plus (+) or minus (-) sign. Sample Values: +32, -10	C	AN	1/60	1	065	O	1	10	1	Y2	W0906	3	O	AN	1/60
							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** SEGMENT CONDITION: Ocean carriers should always expect a voyage number and TCN.	C			1	069	O	100								
							At least one of N902 or N903 is required. If N906 is present, then N905 is required.										
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. 2E - Foreign Military Sales Case Number 3X - Subcontract Number CE - Class of Contract Code *Use 'CE' to denote Vessel Status.* CT - Contract Number *Use 'CT' to denote Contract Number for rating purposes (MILSTAMP).* KL - Contract Reference *Use 'KL' to denote Contract Type for rating purposes (MILSTAMP).* P4 - Project Code TG - Transportation Control Number (TCN) *Use 'TG' to denote SEAVAN TCNs (All breakbulk TCNs will be located in L506).* TH - Transportation Account Code (TAC) V3 - Voyage Number *Use 'V3' to denote Military Voyage Number.*	M	ID	2/2	1	069	O	100				N901	128	M	ID	2/3
7-02		Reference Identification	M	AN	1/30	1	069	O	100				N902	127	C	AN	1/30
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.	C	AN	17/17	1	069	O	100				N903	369	C	AN	1/45

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 *Use 'CC' to denote CCP.* CI - Consignor *Use 'CI' to denote Commercial Vendor Location (when appropriate).* *CHANGE NOTE: User note added per DM 635.* CN - Consignee EX - Exporter *Use 'EX' to denote POE.* IM - Importer *Use 'IM' to denote POD.* SH - Shipper TC - Tool Source *Use 'TC' to denote Theater Consolidation Shipping Point (TCSB).* *CHANGE NOTE: Code value 'TC' definition modified per DM 852.*	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 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 *Use '29' to denote Lattitude/Longitude.* 37 - United Nations Vendor Code *Use '37' to denote UNLOC Code.* BE - Common Language Location Identification (CLLI) *Use 'BE' to denote Inland Location Code (ILC).* LC - Agency Location Code (U.S. Government) *Use 'LC' to denote GEOLOC.*	C	ID	2/2	1	080	M	1	10	1	N1	N103	66	C	ID	1/2
8-04		Location Code Must appear if there will be no entry in N102 - Name Enter appropriate Location Code (e.g., DoDAAC, CAGE, GEOLOC, etc.) CHANGE NOTE: User note modified per DM 852.	C	AN	2/80	1	080	M	1	10	1	N1	N104	67	C	AN	2/80
							This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.										
9		**N3 SEGMENT - Address Information** SEGMENT CONDITION: Use this segment only when the entry in the N101 for this loop is "CN" or "SH". Use only for Shipper or consignee address. Use N3 segment to convey non-parsed (free-form text) address information. If parsed information is available, convey in N4 - Address Information segment. If the address is longer than 55 characters, it will roll over into N302. CHANGE NOTE: SEGMENT CONDITION modified per DM 852	C			1	100	O	2	10	1	N1					
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
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.										

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		
10-01		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 *Use 'DI' to denote Consignee (use when N101 = CN).* *CHANGE NOTE: Add code value 'DI' and user note per DM 635.* OC - Order Contact *Use 'OC' to denote Order Contact.* *CHANGE NOTE: Add code value 'OC' per DM 635.* SH - Shipper Contact *Use 'SH' to denote Shipper Contact (use when N101 = SH).* *CHANGE NOTE: Add user note per DM 635.*	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
11-03		Communication Number Qualifier EM - Electronic Mail TE - Telephone	C	ID	2/2	1	120	O	3	10	1	N1	G6103	365	C	ID	2/2
							G6103 qualifies G6104.										

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		
11-04		Communication Number Enter the telephone number when G6103 = 'TE'. Enter the electronic mail (e-mail) address when G6103 = 'EM'.	C	AN	1/80	1	120	O	3	10	1	N1	G6104	364	C	AN	1/80
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 Always send code values 'D' or 'L'. D - Port of Discharge (Operational) *Use 'D' to denote where the cargo is to be unloaded by the ocean carrier.* E - Place of Delivery (Contractual) *Use 'E' to denote Reserved for Future Use.* J - Bill of Lading Port of Loading (Contractual) *Use 'J' to denote Reserved for Future Use.* K - Bill of Lading Port of Discharge (Contractual) *Use 'K' to denote Reserved for Future Use.* L - Port of Loading (Operational) *Use 'L' to denote where the cargo is to be loaded onto the vessel.* R - Place of Receipt (Contractual) *Use 'R' to denote Reserved for Future Use.*	M	ID	1/1	1	130	M	1	20	1	R4	R401	115	M	ID	1/1
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. D - Census Schedule D IM - Military Standard Movement Procedures (MILSTAMP) *Use 'IM' to denote DoD Water Port Code.* K - Census Schedule K	M	ID	1/2	1	130	M	1	20	1	R4	R402	309	C	ID	1/2
12-03		Location Identifier	M	AN	1/30	1	130	M	1	20	1	R4	R403	310	C	AN	1/30
12-04		Port Name	M	AN	2/24	1	130	M	1	20	1	R4	R404	114	O	AN	2/24

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		
13		**DTM SEGMENT - Delivery Date** 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.	C			1	140 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.	O	15	20	1	R4					
13-01		Delivery Date Qualifier To specify pertinent dates and times CHANGE NOTE: Remove code value '210' per DM 744. 996 - Required Delivery *Use '996' to denote Required Delivery Date (RDD).*	M	ID	3/3	1	140	O	15	20	1	R4	DTM01	374	M	ID	3/3
13-02		Required Delivery Date Enter Required Delivery Date (RDD). CHANGE NOTE: Element name and user note changed per DM 744.	M	DT	8/8	1	140	O	15	20	1	R4	DTM02	373	C	DT	8/8
14		**W09 SEGMENT - Temperature Data** SEGMENT CONDITION: To be used with reefers.	C			1	150 If either W0902 or W0903 is present, then the other is required. If either W0904 or W0905 is present, then the other is required.	O	1								
14-01		Equipment Description Code CZ - Refrigerated Container	M	ID	2/2	1	150	O	1				W0901	40	M	ID	2/2
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.	M	R	1/4	1	150 W0902 is the minimum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0903).	O	1				W0902	408	C	R	1/4
14-03		Unit or Basis for Measurement Code CHANGE NOTE: Requirement attribute changed to mandatory per DM 743. FA - Fahrenheit	M	ID	2/2	1	150	O	1				W0903	355	C	ID	2/2
15		**H3 SEGMENT - Special Handling** 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.	C			1	160 Only one of H301 or H302 may be present.	O	6								

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

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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

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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 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.	C	AN	3/5	2	050	O	1	999	1	LX	L505	103	O	AN	3/5
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.	C	AN	17/17	2	050	O	1	999	1	LX	L506	87	C	AN	1/48
20		**L4 SEGMENT - Measurements** SEGMENT CONDITION: Only use for outsized cargo.	C			2	060	O	1	999	1	LX					
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 N - Inches	M	ID	1/1	2	060	O	1	999	1	LX	L404	90	M	ID	1/1
20-05		Quantity This quantity is the number of oversized breakbulk pieces	C	R	1/15	2	060	O	1	999	1	LX	L405	380	O	R	1/15
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.	O			2	065	O	1	999	1	LX					
							If either L102 or L103 is present, then the other is required. At least one of L104, L105, or L106 is required. If either L114 or L115 is present, then the other is required. If either L117 or L118 is present, then the other is required.									
21-01		Lading Line Item Number	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

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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** SEGMENT CONDITION: Use for hazardous shipments.	C			2	070	O	1	10	2	H1					
							If either H107 or H108 is present, then the other is required. This segment is required when the shipment contains hazardous material.										
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	M	AN	4/10	2	070	O	1	10	2	H1	H101	62	M	AN	4/10
22-02		Hazardous Material Class Code Use the IMDG number found in Source Code 52.	M	AN	1/4	2	070	O	1	10	2	H1	H102	209	O	AN	1/4
22-03		Hazardous Material Code Qualifier I - Intergovernmental Maritime Organization (IMO) Code	M	ID	1/1	2	070	O	1	10	2	H1	H103	208	O	ID	1/1
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 Dangerous Goods available from Sales No: 200 89.10.E International Maritime Organization	M	AN	2/30	2	070	O	1	10	2	H1	H104	64	O	AN	2/30

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		
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.	M	AN	1/24	2	070	O	1	10	2	H1	H105	63	O	AN	1/24
22-06		Hazardous Materials Page SOURCE: International Maritime Dangerous Goods Code available from Intergovernment Maritime Consultants Organization (IMCO)	M	AN	1/6	2	070	O	1	10	2	H1	H106	200	O	AN	1/6
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 CE - Centigrade, Celsius *Use 'CE' to denote Centigrade.* FA - Fahrenheit	C	ID	2/2	2	070	O	1	10	2	H1	H108	355	C	ID	2/2
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	C	ID	1/3	2	070	O	1	10	2	H1	H109	254	O	ID	1/3
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.	C			2	080	O	10	10	2	H1					

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 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	M	AN	2/9	2	080	O	10	10	2	H1	H201	64	M	AN	2/30
23-02		Hazardous Material Classification ELEMENT CONDITION: Information in this element is a continuation from H104.	C	AN	1/30	2	080	O	10	10	2	H1	H202	274	O	AN	1/30
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 Enter the Vessel Radio Call Sign. If it doesn't have one, enter the Lloyd's number. SOURCE: Lloyd's Register of Shipping	M	ID	1/8	2	090	O	2				V101	597	C	ID	1/8
24-02		Vessel Name SOURCE: Lloyd's Register of Shipping	M	AN	2/28	2	090	O	2				V102	182	C	AN	2/28
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.	M	ID	2/3	2	090	O	2				V103	26	O	ID	2/3
							V103 is the code identifying the country in which the ship (vessel) is registered.										
24-04		Voyage Number Enter the commercial voyage number.	M	AN	2/10	2	090	O	2				V104	55	O	AN	2/10

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		
24-08		Vessel Code Qualifier C - Ship's Radio Call Signal L - Lloyd's Register of Shipping Z - Mutually Defined *Use 'Z' to denote Barges or Other Vessels Not Identified by Lloyds.*	C	ID	1/1	2	090	O	2				V108	897	O	ID	1/1
25		**V9 SEGMENT - Spot Date** SEGMENT CONDITION: Use when Spot Date applies.	C			2	100	O	10								
							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 SPT - Spot Date	M	ID	3/3	2	100	O	10				V901	304	M	ID	3/3
25-03		Date Enter the spot date. CHANGE NOTE: Make element mandatory per DM 744.	M	DT	8/8	2	100	O	10				V903	373	O	DT	8/8
							V903 is the event date.										
25-12		Free-Form Message Enter the number of containers to be spotted.	C	AN	1/30	2	100	O	10				V912	61	O	AN	1/30
26		**V9 SEGMENT - Mileage** SEGMENT CONDITION: Use when CONUS or OCONUS Mileage applies.	C			2	100	O	10								
							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 ZZZ - Mutually Defined *Use 'ZZZ' to denote Defense Table of Official Distances (DTOD).*	M	ID	3/3	2	100	O	10				V901	304	M	ID	3/3
26-02		Mileage Qualifier Enter value '1B' to designate overseas mileage or value 'SD' to denote CONUS Mileage.	M	AN	2/2	2	100	O	10				V902	106	O	AN	1/25
26-12		Mileage Enter appropriate mileage.	M	AN	1/30	2	100	O	10				V912	61	O	AN	1/30
27		**K1 SEGMENT - Message** SEGMENT CONDITION: Use to convey Free Form Text Message as required.	C			2	110	O	2								
27-01		Free-Form Message	M	AN	1/30	2	110	O	2				K101	61	M	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		
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) (Ocean) Trailer**	M			3	010	M	1								
							SE is the last segment of each transaction set.										
28-01		Number of Included Segments Total segments in this transaction set including the ST and SE segments.	M	N0	1/10	3	010	M	1				SE01	96	M	N0	1/10
28-02		Transaction Set Control Number This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.	M	AN	4/9	3	010	M	1				SE02	329	M	AN	4/9

Section 6.0

APPLICATION CODE LISTS

15-01 -- Special Handling Code

Data Value - Definition
045 - Advanced Fee *** Use '045' to denote Over Height - Continental Europe.* 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.* 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.* CFL - Customs Fees - Lift Level CGT - Cargo Taxes *** Use 'CGT' to denote Tax Authority Clearance (TA).*

15-01 -- Special Handling Code (CONT)

Data Value - Definition
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.* 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 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* *CHANGE NOTE: code added per DM 1018.* DM - Domestic *** Use 'DM' to denote Refrigerated Container Maintenance (With Power).* 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.* 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.*

15-01 -- Special Handling Code (CONT)

Data Value - Definition
FAK - Barge Freight All Kinds Service 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 GSS - Greater Security Service HAN - Handling HMA - Accessible Hazardous Material *** Use 'HMA' to denote Railcar Inspection.* 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.* 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.* 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.* OCN - Over Height Container 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.*

15-01 -- Special Handling Code (CONT)

Data Value - Definition
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.* 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

15-01 -- Special Handling Code (CONT)

Data Value - Definition
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 WHE - On Own Wheel *** Use 'WHE' to denote RORO.*