

Department of Defense

DoD Transportation Electronic Business (DTEB) Convention

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

VERSION 6

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20230919



Department of Defense

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20230919 ii

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Section 1.0

INTRODUCTION

This implementation convention (IC) describes the standard or convention the Department of Defense will use to exchange Reservation (Book Request) (Ocean) information in support of the Defense Transportation Electronic Business (DTEB) program. The copyright on the ASC X12 standards is held by the Data Interchange Standards Association on behalf of ASC X12.

For further information about the DTEB program, contact the following:

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

For the most recent publication, go to

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

Who Needs to Use This Document?

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

Why Use a Convention?

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

Contents

Additional sections are included in this document.

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

What's New In Version 6 DM Number DM Description

Approval Date

1339

09/19/2023

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

X12 Code == X12 Definition == DOD Definition

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

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

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

Added in Version 5 DM Number DM Description

Approval Date

10/4/2019

1314

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

X12 Code: JLX with X12 description "Join Line Exception" to

denote "ACR 40FT DRY (BAGRAM)"

Added in Version 4

DM Number DM Description

Approval Date

1299

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

2/27/2019

Add DOD definitions:

Code == X12 Definition == DoD Definition

HO == Hold for Orders == Hazardous Surcharge Origin

HE == Head End Car == Hazardous Surcharge Destination

(had previously selected HM for Haz. Surcharge Dest., but collided

with a code in another transaction set used by DLA)

1283

Added in Version 3

DM Number DM Description

Approval Date

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:

5/24/2018

Add DOD definitions:

Code == X12 Definition == DoD Definition

DNC == Do Not Couple to Other Diaphragmed Cars == Daily In-

transit Visibility Destination

Change DOD Definition:

Code == X12 Definition == DoD Definition

DLR == Notify Shipper Immediately if Shipment is Delayed en Route == From (Daily In-transit Visibility) to (Daily In-transit

Visibility Origin)

Added in Version 2

DM Number DM Description

Approval Date

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

Added in Version 1

DM Number DM Description

From 40

Approval Date

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

Section 2.0

CONTROL SEGMENTS

Instruction

For detailed description of DoD data conventions for formatting Interchange Control and Functional Group segments for use among Defense Transportation Electronic Business (DTEB) trading partners refer to the DoD Transportation Electronic Business (DTEB) Convention, ASC X12 Control Segments (Version 007020).

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

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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 007020).

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

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

Used - Segment or data element is used.

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

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300

Functional Group=

Heading:

<u>P</u>	os	<u>ld</u>	Segment Name	Req	Max Use	Repeat	<u>Notes</u>	<u>Usage</u>
0	200	B1		М	1			Used
0	250	G61		0	3			Used
0	500	Y1		М	1			Used
<u>L</u>	.00P ID	- <u>Y2</u>				<u>10</u>		
0	600	Y2		0	1			Used
0	650	W09		0	1			Used
0	690	N9		0	100			Used
L	.00P ID	<u>- N1</u>				<u>99</u>		
0	800	N1		M	1			Used
1	000	N3		0	2			Used
1	100	N4		0	1			Used
1	200	G61		0	3			Used
L	OOP ID) - R4				<u>20</u>		
1:	300	R4		М	1			Used
1.	400	DTM		Ο	15			Used
1:	500	W09		0	1			Used
1	600	НЗ		0	20			Used

Detail:

<u>Pos</u>	<u>ld</u>	Segment Name	Req	Max Use	Repeat	<u>Notes</u>	<u>Usage</u>
LOOP I	<u>D - LX</u>				999		
0100	LX		М	1			Used
0200	N7		0	1			Used
0400	L0		0	1			Must use
0500	L5		0	1			Must use
0600	L4		0	1			Used
0650	L1		0	20			Used
0670	REF		0	1			Used
LOOP I	D - H1				<u>10</u>		
0700	H1		0	1			Used
0800	H2		0	10			Used
0900	V1		0	2			Must use
1000	V9		0	10			Used
1100	K1		0	20			Used

B1

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

User Option (Usage): Used

DoD Segment Definition:

[2] B1 SEGMENT - Shipment Identification

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>		
B101	140		M	ID	2/4	Used		
		DoD Definition: [2-01] Standard Carrier Alp	oha Cod	de				
		SOURCE: Directory of Standard Carrier Alp from National Motor Freight Association, Inc.		es (SCA)	C), NMF 101 S	Series available		
B102	145		0	AN	1/30	Must use		
		DoD Definition: [2-02] Shipment Identification Number						
		Enter in an eight (8) digit alpha numeric cool Number (PCFN) and the last two (2) digits a			6) digits are the	Port Call File		
B103	373		0	DT	8/8	Must use		
		DoD Definition: [2-03] Reservation Action	Date					
		Enter Date applicable to the Reservation Ac New (Created), Change (Updated) or Reins		,				
B104	558		0	ID	1/1	Must use		

DoD Definition: [2-04] Reservation Action Code

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

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

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

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

Code Name

B **DoD Definition:**

[2-04] Conditional Acceptance Use 'B' to denote Reinstatement

N **DoD Definition:**

Code Name

[2-04] New

U **DoD Definition:**

[2-04] Change

G61

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

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

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

<u>Ref</u> G6101	<u>ld</u> 366	Element Name	<u>Req</u> M	<u>Type</u> ID	Min/Max 2/2	<u>Usage</u> Used
		DoD Definition: [3-01] Contact Function	Code			
		Code Name				
		IC DoD Definition:				
		[3-01] Information Contact Use 'IC' to denote Booking Conta	ct			
G6102	93		М	AN	1/60	Used
		DoD Definition: [3-02] Name				
		Enter the Booking Officer's Name.				
G6103	365		X	ID	2/2	Used
		DoD Definition: [3-03] Communication N	umber Qı	ualifier		
		Code Name				
		EM DoD Definition :				
		[3-03] Electronic Mail				
		TE DoD Definition:				
		[3-03] Telephone				
G6104	364		Х	AN	1/2048	Used
		DoD Definition: [3-04] Communication N	umber			
		Enter the Booking Officer's Telephone Nu Officer's Electronic Mail (e-mail) address v				the Booking

Y1

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

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

[4] Y1 SEGMENT - Sailing Date

	Oulling	uiy.							
Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>			
Y101	135		0	DT	8/8	Must use			
		DoD Definition: [4-01] Sailing Date Estin	nated						
		Enter the date the vessel is scheduled to	depart, th	e vessel	sailing date.				
Y102	373		Х	DT	8/8	Must use			
		DoD Definition: [4-02] Available Date							
		The date the cargo is available for pickup	or receip	t at load p	oort.				
Y104	91		0	ID	1/2	Used			
		DoD Definition: [4-04] Transportation Method/Type Code							
		ELEMENT CONDITION: Use for both Bro	eakbulk ar	nd Contai	ners.				
		Code Name							
			O DoD Definition :						
			[4-04] Containerized Ocean						
		BB DoD Definition :							
		[4-04] Breakbulk Ocean							
Y109	374		Х	ID	3/3	Must use			
		DoD Definition: [4-09] Date/Time Qualif	ier						
		Code Name							
		169 DoD Definition:							
		[4-09] Product Availability Date Use '169' to denote Cargo Availa	ability Date)					
			-						

Loop

Pos: 0600 Repeat: 10

Optional

Loop: Y2 Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
0600	Y2		0	1		Used
0650	W09		0	1		Used

Y2

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

User Option (Usage): Used

DoD Segment Definition:

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

Ref	<u>ld</u>	<u>Element Name</u>	Req	<u>Type</u>	Min/Max	<u>Usage</u>
Y201	95		М	N0	1/4	Used
		DoD Definition: [5-01] Number of Contain	ners			
		This segment is only to be used for Conta Breakbulk. Number of containers in the b		l should r	not be used if bo	ooking is for
Y202	78		0	ID	1/1	Used
		DoD Definition: [5-02] Container Type R	equest C	ode		
		ELEMENT CONDITION: Only used for Co	ONTAINE	RIZED c	argo.	
		Code Name				
		C DoD Definition:				
		[5-02] Containers with Chassis				
		W DoD Definition:				
		[5-02] Chassis Only				
Y204	24		М	ID	4/4	Used
		DoD Definition: [5-04] Equipment Type				
		Enter the appropriate ISO Standard Code place holder. The source for these codes Containers (ISO 6346-1995). It can be ob Institute.	is the Ide	ntification	n Marking Code	For Freight
Y208	464		0	ID	3/3	Used
		DoD Definition: [5-08] Container Terms	Code			
		In the Y208, DE464 at index [5-08] chang conveyance service codes, TCN positions Defense Transportation Regulation (DTR) be obtained from the United States Transhttp://www.transcom.mil/dtr/index.cfm.	s 15-17, a), 4500.9-	s describ R-Part II,	ed in Code Sou Appendix L. Ti	ırce 350,
Y209	465		0	ID	1/1	Used
		DoD Definition: [5-09] Container Terms	Code Qua	alifier		
		· · ·				
		Code Name DoD Definition:				
		[5-09] Military Standard Transpor	tation and	d Movem	ent Procedures	(MILSTAMP)
		La saj ministrij Grandara manopor				, .==,

W09

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

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

[6] W09 SEGMENT - Temperature Data

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

<u>Ref</u> W0901	<u>ld</u> 40	Element Name	Req M	Type ID	<u>Min/Max</u> 2/2	<u>Usage</u> Used
		DoD Definition: [6-01] Equipment Des	cription Coa	le		
		Code Name DT DoD Definition: [6-01] Drop Back Trailer Use 'DT' to denote Dual Tempe	erature			
W0902	408		Х	R	1/4	Must use
		DoD Definition: [6-02] Temperature				
W0903	355	Value representing the Chill temperatur	e. X	ID	2/2	Must use
		DoD Definition: [6-03] Unit or Basis for	r Measurem	ent Code	•	
		Code Name				
		FA DoD Definition: [6-03] Fahrenheit				
W0904	408		Χ	R	1/4	Used
		DoD Definition: [6-04] Temperature				
		Value representing the Freeze tempera	ture.			
W0905	355		Х	ID	2/2	Used
		DoD Definition: [6-05] Unit or Basis for	r Measurem	ent Code		
		Code Name				
		FA DoD Definition: [6-05] Fahrenheit				

N9

Pos: 0690 Max: 100 Heading - Optional Loop: N/A Elements: 3

User Option (Usage): Used

Syntax Rules:

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

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

DoD Segment Definition:

[7] N9 SEGMENT - Reference Identification

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
N901	128		M	ID	2/3	Used

DoD Definition: [7-01] Reference Identification Qualifier

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

Use 'V3' to denote DOD Voyage Document Number

[7-01] Voyage Number

N902 127 Χ ΑN 1/80 Must use DoD Definition: [7-02] Reference Identification If N901=TR, then one of the following codes must be passed in the N902: DD, DP, PD, PP Otherwise, pass...... Code Name DD **DoD Definition:** [7-02] Door to Door DP **DoD Definition:** [7-02] Door to Port PD **DoD Definition:** [7-02] Port to Door PΡ **DoD Definition:** [7-02] Port to Port N903 369 Χ ΑN 1/45 Used DoD Definition: [7-03] Free-form Description

Loop

Pos: 0800 Repeat: 99 Mandatory

Loop: N1 Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
0800	N1		M	1		Used
1000	N3		0	2		Used
1100	N4		0	1		Used
1200	G61		0	3		Used

N1

Pos: 0800 Max: 1 **Heading - Mandatory** Loop: N1 Elements: 4

User Option (Usage): Used

Syntax Rules:

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

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

DoD Segment Definition:

[8] N1 SEGMENT - Activity Identification

lement Summary:									
Ref	<u>ld</u>	Eleme	ent Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>		
N101 98	98			M	ID	2/3	Used		
		DoD [Definition: [8-01] Activity Identifier Co	de					
		Code	<u>Name</u>						
		AE	DoD Definition:						
			[8-01] Additional Delivery Address Use 'AE' to denote Stop Off						
		CI	DoD Definition:						
			[8-01] Consignor Use 'Cl' to denote Requestor						
		CN	DoD Definition:						
			[8-01] Consignee						
		SH	DoD Definition:						
			[8-01] Shipper Use 'SH' to denote Entity who has t	he carg	0				
		TC	DoD Definition:						
			[8-01] Tool Source Use 'TC' to denote Theater Consolid	dation S	Shipping F	Point (TCSB)			
N102	93	3		Χ	AN	1/60	Used		
		DoD [oD Definition: [8-02] Name						
		When	"AE" is used in the N101, enter the D	ODAAC	for a Sto	p-Off			
N103	66			Χ	ID	1/2	Used		
		DoD [Definition: [8-03] Location Code Qual	ifier					
			MENT CONDITION: Must appear if the		e no entry	/ in N102 - Name			
		Code	<u>Name</u>						
		10	DoD Definition:						
			[8-03] Department of Defense Activity Address Code (DODAAC)						
		16	DoD Definition:	•		,			
			[8-03] ZIP Code						
		29	DoD Definition:						
			[8-03] Grid Location and Facility Co Use '29' to denote Lattitude/Longitu						

Code Name

33 **DoD Definition:**

[8-03] Commercial and Government Entity (CAGE)

37 **DoD Definition:**

[8-03] United Nations Vendor Code Use '37' to denote UNLOC Code

BE DoD Definition:

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

LC **DoD Definition**:

[8-03] Agency Location Code (U.S. Government) Use 'LC' to denote Geoloc

MA **DoD Definition**:

[8-03] Mail Stop Use 'MA' to denote Mini Stop-off

N104 67 X AN 2/80 Used

DoD Definition: [8-04] Location Code

Must appear if there will be no entry in N102 - (Name). Enter appropriate Location Code (e.g., DoDAAC, CAGE, GEOLOC, etc.). When MA is used in the N103, enter the DODAAC for the Mini-Stop Off

N3

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

User Option (Usage): Used

DoD Segment Definition:

[9] N3 SEGMENT - Address Information

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

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

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
N301	166		М	AN	1/55	Used
		DoD Definition: [9-01] Address Information				
N302	166		0	AN	1/55	Used
		DoD Definition: [9-02] Address Information				

N4

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

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

[10] N4 SEGMENT - Geographic Location

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

Element Summary:

<u>Ref</u> N401	<u>ld</u> 19	Element Name	Req O	<u>Type</u> AN	Min/Max 2/30	<u>Usage</u> Must use
		DoD Definition: [10-01] City Name				
N402	N402 156		Χ	ID	2/2	Used
		DoD Definition: [10-02] State or Province	Code			
		SOURCE: U.S. Postal Service or Canada I	Post or E	Bureau of	Transportation	n Statistics
N403	116		Χ	ID	3/15	Used
		DoD Definition: [10-03] Postal Code				
		SOURCE: National ZIP Code and Post Offi Mail Manual available from U.S Postal Serv from International Bureau of the Universal I http://www.upu.int/post_code/en/postcodes	vice; Un Postal U	iversal P		
N404	26		X	ID	2/3	Used
		DoD Definition: [10-04] Country Code				
		SOURCE: Code for Representation of Nam and Codes (GENC), is represented in the N			•	

(NSG) GENC Registry and mirrored at

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

G61

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

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

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

<u>Ref</u> <u>Id</u> G6101 366		<u>Elem</u>	ent Name	<u>Req</u> M	<u>Type</u> ID	Min/Max 2/2	<u>Usage</u> Used
		DoD I	Definition: [11-01] Contact Code				
		Code	<u>Name</u>				
		DI	DoD Definition:				
			[11-01] Delivery Instructions Contac Use 'DI' to denote Consignee (use		101 = CN	<i>I)</i>	
		OC	DoD Definition:				
			[11-01] Order Contact				
		RQ	DoD Definition:				
			[11-01] Requestor Use 'RQ' to denote Consignor				
		SH	DoD Definition:				
			[11-01] Shipper Contact Use 'SH' to denote Shipper Contac	t (use w	hen N10	1 = SH)	
G6102	93			М	AN	1/60	Used
		DoD I	Definition: [11-02] Name				
		Enter	the POC name.				
G6103	365			Χ	ID	2/2	Used
		DoD I	Definition: [11-03] Communication N	umber (Qualifier		
		Code	Name				
		EM	DoD Definition:				
			[11-03] Electronic Mail				
		TE	DoD Definition:				
			[11-03] Telephone				
G6104	364			Х	AN	1/2048	Used
		DoD I	Definition: [11-04] Communication No	umber			
			the telephone number when G6103 = G6103 = 'EM'.	: 'TE'. El	nter the e	lectronic mail (e-mail) address

Loop

Pos: 1300 Repeat: 20 Mandatory

Loop: R4 Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
1300	R4		M	1		Used
1400	DTM		0	15		Used

R4

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

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

[12] R4 SEGMENT - Port Information

Element Summary:

Ref	<u>ld</u>	Eleme	ent Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
R401	115			M	ID	1/1	Used
		DoD [Definition: [12-01] Port or Termin	nal Function	Code		
		Alway	s send code values 'J' and 'K'.				
		Code	Name				
		J	DoD Definition:				
			[12-01] Bill of Lading Port of Lo Use 'J' to denote Place at whic			board the mea	ns of transport
		K	DoD Definition:				
			[12-01] Bill of Lading Port of D Use 'K' to denote Place at whice				of transport
R402	309			Х	ID	1/2	Must use
		DoD I	Definition: [12-02] Location Qual	lifier			
			f DoD Water Port Codes as found M), mirrored at https://trdmws.ma red.				
		Code	<u>Name</u>				
		D	DoD Definition:				
			[12-02] Census Schedule D				
		K	DoD Definition:				
			[12-02] Census Schedule K				
		IM	DoD Definition:				
			[12-02] Military Standard Move Use 'IM' to denote DoD Water		dures (M	ILSTAMP)	
R403	310			X	AN	1/30	Must use
		DoD I	Definition: [12-03] Location Iden	tifier			
		DoD V	Water Port Codes are three (3) ch	naracters in le	ength		
			D Water Port Code is the PREFE				
			dule D (Domestic) ports are four (•	•		
		Sched	dule K (International) ports are fiv	e (5) charact	ters in ler	ngth	
R404	114			0	AN	2/24	Must use

DoD Definition: [12-04] Port Name

Ref Id Element Name Req Type Min/Max Usage

Restrict Port Names to SEAPORT_SHRT_PORT_NM as found in USTRANSCOM Reference Data Management (TRDM),

mirrored at https://trdmws.maf.ustranscom.mil/trdm/index.html#/TRDM/home is preferred.

DTM

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

User Option (Usage): Used

Syntax Rules:

1. C0403 - If DTM04 is present, then DTM03 is required.

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

DoD Segment Definition:

[13] DTM SEGMENT - Delivery Date

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

Ref	<u>ld</u>	Element Name	Req	Type	Min/Max	<u>Usage</u>
DTM01	374		M	ID	3/3	Used
		DoD Definition: [13-01] Delivery Da	ate Qualifier			
		To specify pertinent dates and times	3			
		Code Name				
		996 DoD Definition :				
		[13-01] Required Delivery Use '996' to denote Require	ed Delivery Date	(RDD)		
DTM02	373		Х	DT	8/8	Must use
		DoD Definition: [13-02] Required D	Delivery Date			
		Enter Required Delivery Date (RDD).			

W09

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

User Option (Usage): Used

Syntax Rules:

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

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

DoD Segment Definition:

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

<u>Ref</u> W0901	<u>ld</u> 40	Element Name	<u>Req</u> M	Type ID	Min/Max 2/2	<u>Usage</u> Used		
		DoD Definition: [14-01] Equipment Descri	ption Co	de				
		Code Name CZ DoD Definition: [14-01] Refrigerated Container						
W0902	408		Х	R	1/4	Must use		
		DoD Definition: [14-02] Required Set Ten	perature)				
		Enter the Required Minimum Set Temperat	ture.					
W0903	355		Χ	ID	2/2	Must use		
		DoD Definition: [14-03] Unit or Basis for Measurement Code						
		Code Name FA DoD Definition: [14-03] Fahrenheit						
W0906	3		0	AN	1/60	Used		
		DoD Definition: [14-06] Temperature Varia	ance					
		Enter the Variance (Temperature Range) by preceded by a plus (+) or minus (-) sign. E			iired Set Temp	perature		

H3

Pos: 1600 Max: 20 Heading - Optional Loop: N/A Elements: 2

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

[15] H3 SEGMENT - Special Handling Exceptions

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

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
H301	152		Х	ID	2/3	Used

DoD Definition: [15-01] Special Handling Code

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

Code Name

15	DoD Definition:	
	[15-01] Speed Restricted to 15 Miles per Hour	
	Use '15' to denote 100 000 lb Crane Service	

25 **DoD Definition:**

[15-01] Speed Restricted to 25 Miles per Hour Use '25' to denote 200,000 lb Crane Service

35 **DoD Definition:**

[15-01] Speed Restricted to 35 Miles per Hour Use '35' to denote 300,000 lb Crane Service

AT **DoD Definition**:

[15-01] Attachment to Move with Car Use 'AT' to denote Afghanistan Rail Accessorial

AV **DoD Definition**:

[15-01] Annual Volume Use 'AV' to denote Tank Container

BA **DoD Definition**:

[15-01] Clearinghouse Balance Use 'BA' to denote Outer Routing Torkham

BW **DoD Definition**:

[15-01] Bill Shipper for Weigh Charge Use 'BW' to denote Live Unload

CH DoD Definition:

[15-01] Carrier

Use 'CH' to denote 48 Foot Container Differential

DA **DoD Definition**:

[15-01] Dangerous

DM DoD Definition:

[15-01] Domestic

Code Name

Use 'DM' to denote Refrigerated Container Maintenance (With Power)

DR **DoD Definition**:

[15-01] Drop Yard

Use 'DR' to denote Drop and Pick Up

DV **DoD Definition**:

[15-01] Equipment

Use 'DV' to denote Nuclear Liability Insurance

FB **DoD Definition**:

[15-01] Tank Container Clean and Empty

FR **DoD Definition**:

[15-01] Fragile - Handle with Care

Use 'FR' to denote Customs & Border Clearance Authority (CBCA) Handling Aqaba

GI **DoD Definition**:

[15-01] Grain Inspection

Use 'GI' to denote Expedited Linehaul to POE

HE DoD Definition:

[15-01] Head End Car

Use 'HE' to denote Hazardous Surcharge Destination

HO DoD Definition:

[15-01] Hold for Orders

Use 'HO' to denote Hazardous Surcharge Origin

LD **DoD Definition**:

[15-01] Loading Devices

Use 'LD' to denote Transloading/Material Handling Equipment (MHE) Support

MP DoD Definition:

[15-01] Multiple Pickup

Use 'MP' to denote Drop and Pick - Round Robin (Per booking)

NI **DoD Definition:**

[15-01] New Equipment First Transborder Movement

Use 'NI' to denote Customs & Border Clearance Authority (CBCA) Handling Jebel Ali

PS **DoD Definition:**

[15-01] Product Protection Service

Use 'PS' to denote 3D Inspection (Disinfestation, Disinsection, Disinfection, and Sanitation)

RT **DoD Definition**:

[15-01] Record for Transit

Use 'RT' to denote Protective Weapon Service

SD **DoD Definition**:

[15-01] Subject to Special Detention Rules/Charges

TS **DoD Definition:**

[15-01] Transit Shipment

Use 'TS' to denote Mini Stop-Offs (CONUS)

TT DoD Definition:

[15-01] Team Track Delivery

Use 'TT' to denote Expedited Origin Linehaul (base charge > 599 miles)

TV **DoD Definition:**

[15-01] Time Volume Rates Only

Use 'TV' to denote Expedited Origin Linehaul (ad'll charge > 599 miles)

Code Name

XP **DoD Definition**:

[15-01] Export

Use 'XP' to denote An Accessorial Export Border Clearance Service will be Applied for Break Bulk and Container Cargo Originating from Afghanistan to Pakistan for Export via Karachi, Pakistan

045 **DoD Definition:**

[15-01] Advanced Fee

Use '045' to denote Over Height - Continental Europe

075 **DoD Definition:**

[15-01] 75% Ocean Differential - 20 From 40

085 **DoD Definition:**

[15-01] 85% Inland Differential - 20 From 40

170 **DoD Definition:**

[15-01] Certificate of Origin

Use '170' to denote Over Height - Iraq

510 **DoD Definition:**

[15-01] Offshore - Alaska/Hawaii Service Use '510' to denote Over Height - Jordan

555 **DoD Definition:**

[15-01] Preparation of Canadian Customs Invoice Use '555' to denote Agricultural Clearance

565 **DoD Definition:**

[15-01] Preparation of Export Entry
Use '565' to denote Over Height - Kuwait

A1M **DoD Definition**:

[15-01] Aggregate 1000

Use 'A1M' to denote Enhanced ITV - GEN II - Door

A3M **DoD Definition**:

[15-01] Aggregate 3000

Use 'A3M' to denote Enhanced ITV - GEN II - Port

A5M **DoD Definition**:

[15-01] Aggregate 5000

Use 'A5M' to denote Over Height Surcharge - United Arab Emirate

AFN **DoD Definition**:

[15-01] Air Craft Furnished and Not Used

Use 'AFN' to denote Aircraft Handling/Air Terminal Services

AGG DoD Definition:

[15-01] Aggregate Tender Discount Use 'AGG' to denote Live Load

APD **DoD Definition**:

[15-01] Additional Copy of Shipping Papers for Proof of Delivery Use 'APD' to denote Scanning is to describe the action of scanning the cargo as it relates to security procedures. This accessorial also has a price scheme associated with it. DEFINITION UPDATE DM 1212

APL **DoD Definition**:

[15-01] Appliance Servicing

ARG **DoD Definition**:

[15-01] Rail Armed Guard Service Use 'ARG' to denote High Risk Waters Armed Security

Code Name

ARR **DoD Definition**:

[15-01] Air Ride Tractor Service Use 'ARR' to denote Port Arbitrary

BCP **DoD Definition**:

[15-01] Bypass Consolidation Point Use 'BCP' to denote Import Border Clearance

BKA DoD Definition:

[15-01] Bulky Article Use 'BKA' to denote Unusual Size Differential

BNS DoD Definition:

[15-01] Bolster Load, Do Not Switch Use 'BNS' to denote 45 Foot Container Differential

BU2 **DoD Definition:**

[15-01] Bunker Adjustment - 20 Foot Container

BU4 **DoD Definition**:

[15-01] Bunker Adjustment - 40 Foot Container

BUA **DoD Definition**:

[15-01] Bunker Adjustment

CA2 **DoD Definition**:

[15-01] Currency Adjustment - 20 Foot Container

CA4 **DoD Definition**:

[15-01] Currency Adjustment - 40 Foot Container

CCH **DoD Definition**:

[15-01] Certification
Use 'CCH' to denote Enhanced ITV - GEN I

CFC **DoD Definition**:

[15-01] Customs Fees - Container Level Use 'CFC' to denote Cargo Clearance Import

CFL DoD Definition:

[15-01] Customs Fees - Lift Level

CGT DoD Definition:

[15-01] Cargo Taxes Use 'CGT' to denote Tax Authority Clearance (TA)

CLN **DoD Definition**:

[15-01] Cleaning Use 'CLN' to denote Rinsing

CLS **DoD Definition**:

[15-01] Class Rates Applied Use 'CLS' to denote 53 Foot Container Differential

COR DoD Definition:

[15-01] Certification That the Newsprint Winding Cores Being Returned Empty Were Received Filled by Rail Freight Service Use 'COR' to denote Outer Routing - KUT

CPC **DoD Definition**:

[15-01] Copilot Service
Use 'CPC' to denote Expedited Origin Linehaul (up to 199 miles)

CRL DoD Definition:

[15-01] Container Lease

Code Name

CTL **DoD Definition**:

[15-01] Controlled Atmosphere

CTM **DoD Definition**:

[15-01] Container Mounting

Use 'CTM' to denote Outer Routing - KKT

CTR DoD Definition:

[15-01] Circuitous Routing

Use 'CTR' to denote Outer Routing - Chaman

CUF **DoD Definition**:

[15-01] Currency Adjustment - Break Bulk Use 'CUF' to denote Currency Adjustment

DDZ DoD Definition:

[15-01] Drayage at Port of Debarkation (Rate Zone)

DEZ DoD Definition:

[15-01] Drayage at Port of Embarkation (Rate Zone)

DFD **DoD Definition**:

[15-01] Keep From Freezing Percent Differential

DLP **DoD Definition**:

[15-01] Delivery of Fuel From Rail Tank Car to Pipeline Use 'DLP' to denote Fuel Adjustment Factor (FAF)

DLR DoD Definition:

[15-01] Notify Shipper Immediately if Shipment is Delayed en Route Use 'DLR' to denote Daily In-Transit Visibility Origin

DNC **DoD Definition**:

[15-01] Do Not Couple to Other Diaphragmed Cars Use 'DNC' to denote Daily In-transit Visibility Destination

DOV DoD Definition:

[15-01] Container Diversion

DPD DoD Definition:

[15-01] Drayage at Port of Debarkation

DPE DoD Definition:

[15-01] Drayage at Port of Embarkation

DRU DoD Definition:

[15-01] Drumming Service

Use 'DRU' to denote Tarping at Origin

DSR DoD Definition:

[15-01] Dromedary Service Requested Use 'DSR' to denote Flatrack Tie-Down

ERT DoD Definition:

[15-01] Satisfactory Service Standards

Use 'ERT' to denote Refrigerated Container Maintenance (Without Power)

EXD **DoD Definition**:

[15-01] Extra Driver

EXL DoD Definition:

[15-01] Extra Length Surcharge

Use 'EXL' to denote Container/Trailer Over-length Surcharge

EXQ DoD Definition:

Code Name

[15-01] Expedited Service
Use 'EXQ' to denote Expediate Delivery

EXU DoD Definition:

[15-01] Exclusive Use of Vehicle Damaged Use 'EXU' to denote Cargo Handling Import

EXZ DoD Definition:

[15-01] Expand Remove and Install Use 'EXZ' to denote Cargo Clearance Export

EZE DoD Definition:

[15-01] Roadway Easy Rates Applied Use 'EZE' to denote Enhanced Physical Security

FAK **DoD Definition**:

[15-01] Barge Freight All Kinds Service

FFC **DoD Definition**:

[15-01] Fuel Filters Furnished by Carrier Use 'FFC' to denote Security Convoy

FLS **DoD Definition**:

[15-01] Flatrack Surcharge

GMS DoD Definition:

[15-01] Garment Surcharge

GOC DoD Definition:

[15-01] Empty Government Owned Container

GSS DoD Definition:

[15-01] Greater Security Service

HAN **DoD Definition**:

[15-01] Handling

HMA **DoD Definition**:

[15-01] Accessible Hazardous Material Use 'HMA' to denote Railcar Inspection

HZC **DoD Definition**:

[15-01] Hazardous Materials Surcharge Use 'HZC' to denote Ammunition Line Haul Service

HZD **DoD Definition**:

[15-01] Hazardous Cargo On Deck

IIH DoD Definition:

[15-01] Icing Inhibitor Service Use 'IIH' to denote Side-load Chassis

JLX **DoD Definition:**

[15-01] Joint Line Exception Use 'JLX' to denote ACR 40FT DRY (BAGRAM)

KMD DoD Definition:

[15-01] Keep Material Dry
Use 'KMD' to denote Dry Container Trucking

LC2 **DoD Definition:**

[15-01] Land Currency Adjustment Factor - 20 Foot Container Use 'LC2' to denote Interior Washing - Interior washing for vehicles on flat racks

LC4 **DoD Definition**:

[15-01] Land Currency Adjustment - 40 Foot Container

Code Name

Use 'LC4' to denote Outer Routing on KKT-TSR - Northern Distribution Network (NDN) routing

LCL DoD Definition:

[15-01] Percent Differential - Less Than Container

LEC **DoD Definition**:

[15-01] Less Than Container

LFD DoD Definition:

[15-01] Linehaul from Port of Debarkation

LMD **DoD Definition**:

[15-01] Liner Terms at Port of Debarkation

LME **DoD Definition**:

[15-01] Liner Terms at Port of Embarkation

LPD DoD Definition:

[15-01] Linehaul Percent Differential

LTE DoD Definition:

[15-01] Linehaul To Port of Embarkation

MAT **DoD Definition**:

[15-01] Modified Atmosphere

MES **DoD Definition**:

[15-01] Escort

Use 'MES' to denote Escort/Supercargo

OCN DoD Definition:

[15-01] Over Height Container

OCS DoD Definition:

[15-01] Completing Shipment

Use 'OCS' to denote Requirement for a Complete Washing to Comply with USDA Regulations

OFU DoD Definition:

[15-01] Tank Container Clean and Empty

OHC DoD Definition:

[15-01] Harmless

Use 'OHC' to denote Overheight Surcharge Afghanistan

OOD DoD Definition:

[15-01] On Deck Stowage

OSB **DoD Definition**:

[15-01] Stow Below Deck

OTC DoD Definition:

[15-01] Temperature Control

Use 'OTC' to denote Dual Temperature Reefer Service

OVR **DoD Definition**:

[15-01] Overflow

Use 'OVR' to denote Overweight 70000 For Break Bulk Only

OWC DoD Definition:

[15-01] Over Width Container

OWR DoD Definition:

[15-01] One Way Rates Applied

Use 'OWR' to denote Overweight 44000 For Break Bulk Only

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

SSC **DoD Definition**:

Code Name

[15-01] Stripping, Sorting & Consolidation Use 'SSC' to denote Stripping

SSN DoD Definition:

[15-01] Substitute Service Not to be Used Use 'SSN' to denote Origin Special Services - Afghanistan

SSU DoD Definition:

[15-01] Pole Lashing Equipment (PLE) Surcharge

STA **DoD Definition**:

[15-01] Conductivity/Anti-static Additive Use 'STA' to denote Expedited Origin Linehaul (200 miles to 400 miles)

STD DoD Definition:

[15-01] Stop-off at Destination
Use 'STD' to denote OCONUS Stop-off

STO **DoD Definition**:

[15-01] Stowage

STP DoD Definition:

[15-01] Stop-off at Origination Use 'STP' to denote CONUS Stop-off

TER **DoD Definition**:

[15-01] Terminal Handling Charges

TRM **DoD Definition**:

[15-01] Termination
Use 'TRM' to denote Transloading Destination

TRN **DoD Definition**:

[15-01] Transfer Product
Use 'TRN' to denote Transloading Origin

TRS **DoD Definition**:

[15-01] Trade Show
Use 'TRS' to denote Expedited Origin Linehaul (401 miles to 599 miles)

VCL DoD Definition:

[15-01] Van Cleaning Use 'VCL' to denote Wash-Clean-Purge-Certified

VIS **DoD Definition:**

[15-01] Vehicles Inoperable

VSO **DoD Definition**:

[15-01] Stop-off Delivery of Personal Vehicles Use 'VSO' to denote Veterinarian Inspectable

WBB DoD Definition:

[15-01] Wharfage - Breakbulk

WCT DoD Definition:

[15-01] Wharfage - Container

WFG DoD Definition:

[15-01] Wharfage

WRB DoD Definition:

[15-01] War Risk Crew Bonus

WRI **DoD Definition**:

[15-01] War Risk Insurance

Code Name

ZZZ DoD Definition:

[15-01] Mutually Defined
Use 'ZZZ' to denote Customs Services-Cargo Clearance

H302 153 X AN 2/30 Used

DoD Definition: [15-02] Special Handling Description

Free-form description of special handling instructions if no accessorial code is available ELEMENT CONDITION: Only use when a code does not exist. Do not use if H301 is being used.

Loop

Pos: 0100 Repeat: 999 Mandatory

Loop: LX Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	Req	Max Use	<u>Repeat</u>	<u>Usage</u>
0100	LX		M	1		Used
0200	N7		0	1		Used
0400	L0		0	1		Must use
0500	L5		0	1		Must use
0600	L4		0	1		Used
0650	L1		0	20		Used
0670	REF		0	1		Used
0700		Loop H1	0		10	Used

LX

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

User Option (Usage): Used

DoD Segment Definition:

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

Element Summary:

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

DoD Definition: [16-01] Assigned Number

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

N7

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

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

[17] N7 SEGMENT - Equipment Description

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

<u>Ref</u> N701	<u>ld</u> 206	Eleme	ent Name	Req O	<u>Type</u> AN	Min/Max 1/4	<u>Usage</u> Used
11701	200		5.5.4.5.4.5.5.4.5.5.4.5.5.4.5.5.4.5.5.4.5.5.4.5.5.4.5.5.4.5.5.4.5.5.5.5.5.5.4.5		7.11	1, 1	0000
			Definition: [17-01] Equipment Initi		(004	0) 1445 404 0	, ,,,,,
		from N	RCE: Directory of Standard Carrier National Motor Freight Traffic Asso or, Industry Reference Files Railin	ciation, Inc.	: Railroad	Mark Register	r available from
N702	207			М	AN	1/15	Used
		DoD [Definition: [17-02] Equipment Nur	mber			
			use this data element is mandatory ne of booking, use zero (0).	and the co	ntainer n	umber is not n	ormally known at
N711	40			0	ID	2/2	Must use
		DoD [Definition: [17-11] Equipment Des	scription Co	de		
		<u>Code</u>	Name				
		AC	DoD Definition:				
			[17-11] Closed Container				
		AT	DoD Definition:				
			[17-11] Closed Container (Cont	rolled Temp	erature)		
		вс	DoD Definition:				
			[17-11] Covered Barge				
		BK	DoD Definition:				
			[17-11] Container, Bulk				
		ВО	DoD Definition:				
			[17-11] Barge Open				
		BR	DoD Definition:				
			[17-11] Barge				
		CC	DoD Definition:				
			[17-11] Container resting on a C	Chassis			
		CG	DoD Definition:				
			[17-11] Container, Tank (Gas)				
		CI	DoD Definition:				

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

<u>Code</u>	<u>Name</u>
PL	DoD Definition:
	[17-11] Container, Platform
RA	DoD Definition:
	[17-11] Fixed-Rack, Flat-Bed Trailer
RC	DoD Definition:
	[17-11] Refrigerated (Reefer) Car
RD	DoD Definition:
	[17-11] Fixed-Rack, Double Drop Trailer
RE	DoD Definition:
	[17-11] Flat Car (End Bulkheads)
RF	DoD Definition:
	[17-11] Flat Car
RR	DoD Definition:
	[17-11] Rail Car
RS	DoD Definition:
	[17-11] Fixed-Rack, Single-Drop Trailer
RT	DoD Definition:
	[17-11] Controlled Temperature Trailer (Reefer)
SD	DoD Definition:
	[17-11] Single-Drop Trailer
SL	DoD Definition:
	[17-11] Container, Steel
SS	DoD Definition:
	[17-11] Container with Smooth Sides
ST	DoD Definition:
	[17-11] Removable Side Trailer
TA	DoD Definition:
	[17-11] Trailer, Heated/Insulated/Ventilated
TC	DoD Definition:
	[17-11] Trailer, Car
TF	DoD Definition:
	[17-11] Trailer, Dry Freight
TI	DoD Definition:
	[17-11] Trailer, Insulated
TL	DoD Definition:
	[17-11] Trailer (not otherwise specified)
TM	DoD Definition:
	[17-11] Trailer, Insulated/Ventilated
TW	DoD Definition:
	[17-11] Trailer, Refrigerated
VA	DoD Definition:
	[17-11] Container, Vented
	O N0 4/5 Must use
DoD D	Definition: [17-15] Equipment Length

N715

567

<u>Ref</u> <u>ld</u> **Element Name** Min/Max <u>Usage</u> Req <u>Type</u> Equipment length. Length (in feet and inches) of equipment ordered or used to transport shipment. (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11) - 2000 its a 20FT-Dry 0 N720 65 R 1/8 Used

DoD Definition: [17-20] Height

Vertical dimension of an object measured when the object is in the upright position. Expressed in inches.

L₀

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

User Option (Usage): Must use

Syntax Rules:

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

DoD Segment Definition:

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

<u>Ref</u> L001	<u>ld</u> 213	Element Name	Req O	<u>Type</u> N0	Min/Max 1/6	<u>Usage</u> Must use
L001	213	De De Graffia de 140 041 la discultiva la company		INO	1/0	Wust use
		DoD Definition: [18-01] Lading Line Item N		atab tha	valua fram tha	1 V04
		Sequential line number for a lading item. Si	riouia II	iaton trie	value Irom trie	LXUI.
L004	81		Χ	R	1/10	Must use
		DoD Definition: [18-04] Weight				
L005	187		Х	ID	1/2	Must use
		DoD Definition: [18-05] Weight Qualifier				
		Code Name				
		E DoD Definition:				
		[18-05] Estimated Net Weight				
L006	183		Х	R	1/8	Used
		DoD Definition: [18-06] Volume				
L007	184		Х	ID	1/1	Used
		DoD Definition: [18-07] Volume Unit Quality	fior			
		· · ·	ICI			
		Code Name				
		E DoD Definition:				
		[18-07] Cubic Feet				
L008	80		Χ	N0	1/7	Used
		DoD Definition: [18-08] Lading Quantity				
		This is the number of Breakbulk pieces. Fo value of the container content in the 315 as				
L009	211		Х	ID	3/3	Used
		DoD Definition: [18-09] Packaging Form C	ode			

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

L5

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

User Option (Usage): Must use

Syntax Rules:

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

DoD Segment Definition:

[19] L5 SEGMENT - Commodity Description

_ieiiieiii		•	_	_		
Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
L501	213		0	N0	1/6	Must use
		DoD Definition: [19-01] Lading Line Ite				
		Sequential line number for a lading item	. Should m	atch the	value from the	LX01 and L001.
L502	79		0	AN	1/50	Used
		DoD Definition: [19-02] Lading Descrip	otion			
		This is a free form text describing the co	mmodity co	ode.		
L503	22		Χ	AN	1/30	Must use
		DoD Definition: [19-03] Commodity Co	de			
		Enter the Commodity Code as found in (TRDM) mirrored at https://trdmws.maf.t				•
L504	23		Х	ID	1/2	Must use
		DoD Definition: [19-04] Commodity Co	de Qualifie	r		
		Code Name				
		DoD Definition:				
		[19-04] Milstamp AITC or Water	r Commodit	v Code		
. = 0 =	400			-	0/5	
L505	103		0	AN	3/5	Used
		DoD Definition: [19-05] Packaging Cod	de			
		The only allowable code values used wi and 'MS2'. Use all other code values with			kings are 'CNT	Γ', 'SV2', 'ML2',
		Code Name				
		AMM DoD Definition:				
		[19-05] Ammo Pack				
		AMP DoD Definition:				
		[19-05] Ampoule				
		BAG DoD Definition :				
		[19-05] Bag				
		BBL DoD Definition:				
		[19-05] Barrel				

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

Code Name

WHE **DoD Definition:**

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

L4

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

User Option (Usage): Used

DoD Segment Definition:

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

	Summa		Dar	T	Min/Max	Hanna
<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
L401	82		M	R	1/8	Used
		DoD Definition: [20-01] Length				
		Expressed in inches				
L402	189		М	R	1/8	Used
		DoD Definition: [20-02] Width				
		Expressed in inches				
L403	65		М	R	1/8	Used
		DoD Definition: [20-03] Height				
		Expressed in inches				
L404	90		М	ID	1/1	Used
		DoD Definition: [20-04] Measurement Unit	t Qualifie	ər		
		Code Name				
		N DoD Definition:				
		[20-04] Inches				
		[20 04] Inches				
L406	1271		0	AN	1/30	Used
		DoD Definition: [20-06] Outsized Code				
		Use 'O' to denote Outsized				
		Code Name				
		O DoD Definition:				
		[20-06] Outsized				

L1

Pos: 0650 Max: 20
Detail - Optional
Loop: LX Elements: 8

User Option (Usage): Used

Syntax Rules:

- 1. P0203 If either L102 or L103 is present, then the other is required.
- 2. P1415 If either L114 or L115 is present, then the other is required.
- 3. P1718 If either L117 or L118 is present, then the other is required.
- 4. R040506 At least one of L104, L105 or L106 is required.

DoD Segment Definition:

[21] L1 SEGMENT - Rate and Charges

Only one of L108 or L112 may be present.

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

<u>Ref</u> L101	<u>ld</u> 213	Element Name	Req O	<u>Type</u> N0	Min/Max 1/6	<u>Usage</u> Must use
		DoD Definition: [21-01] Lading Line Item	Number			
		Assign counter sequentially (beginning with	h 01) i.e.	01, 02, .	20	
L102	60		Χ	R	1/15	Used
		DoD Definition: [21-02] Contract Line Item	n Numbe	er (CLIN)		
		This is the CLIN that is associated with the	charge.			
L103	122		Х	ID	2/2	Used
		DoD Definition: [21-03] CLIN Qualifier				
		Code Name				
		DD Definition:				
		[21-03] Department of Defense Ur	nique Co	des		
L104	58		Х	N2	1/15	Must use
		DoD Definition: [21-04] Charge				
L108	150		0	ID	3/3	Used
		DoD Definition: [21-08] Special Charge of	r Allowai	nce Code		
		Use for "services" other than accessorial of this data element is passed then L112 is N (Ocean Freight), POE-POD, LTE (Line Hat Destination Cost - Linehaul From POD).	ULL. E	kamples (of reportable c	odes are COF
		All valid standard codes are used.				
L112	276		0	AN	2/25	Used
		DoD Definition: [21-12] Special Charge D	escriptic	on		
		Use accessorial codes as designated by S	DDC.			
L117	220		X	R	1/11	Used

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
		DoD Definition: [21-17] Care Rate				
L118	221		Х	ID	2/2	Used
		DoD Definition: [21-18] Care Rate Code				
		Code Name				
		OR DoD Definition :				
		[21-18] Other Use 'OR' to denote Care Rate				

REF

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

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

[22] REF SEGMENT - Reference Information

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

Ref Id Element Name Req Type Min/Max Usa REF01 128 DoD Definition: [22-01] Reference Identification Qualifier Code specifying the Reference Identification. Code Name TG DoD Definition: [22-01] Transportation Control Number (TCN)	ed
Code specifying the Reference Identification. Code Name TG DoD Definition:	
Code specifying the Reference Identification. Code Name TG DoD Definition:	
TG DoD Definition:	
TG DoD Definition:	
[22 01] Hansportation Control Number (1014)	
REF02 127 X AN 1/80 Must	use
DoD Definition: [22-02] Reference Identification	
Value that represents the Transportation Control Number to which the data provided LX loop applies.	d in the
REF03 352 X AN 1/80 Use	ed
DoD Definition: [22-03] Description	
The value that represents the Transportation Tracking Number (TTN).	
ELEMENT CONDITION: Mandatory if TTN is available	
REF04 C040 O Comp Use	ed
DoD Definition: [22-04] C040 Reference Identifier	
Syntax:	
1. P0304 - If either C04003 or C04004 is present, then the other is required.	
2. P0506 - If either C04005 or C04006 is present, then the other is required.	
REF04-01 128 M ID 2/3 Use	ed
DoD Definition: [22-04-01] Reference Identification Qualifier	
Code Name	
OC DoD Definition:	
[22-04-01] Ocean Container Number	
REF04-02 127 M AN 1/80 Use	ed
DoD Definition: [22-04-02] Reference Identification	
The government-owned container number value when it is known at the time of the booking/offer.	

Ref Id Element Name Req Type Min/Max Usage

Loop

Pos: 0700 Repeat: 10

Optional

Loop: H1 Elements: N/A

User Option (Usage): Used

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Usage</u>
0700	H1		0	1		Used
0800	H2		0	10		Used

H1

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

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

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

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
H101	62		М	AN	4/10	Used
		DoD Definition: [23-01] Hazardous Materia	al Code			
		Use the prefix 'NA' (North American) or 'UN conjunction with the appropriate hazardous			Dangerous G	oods) in
		SOURCE: Hazardous Material Code (49 Les Shipping Description Railinc/Association of Regulations on Restricted Articles available Federal Regulations CFR Title 46 available Government Printing Office; Dangerous Gomaritime Consultative Organization (IMCO) from International Air Transport Association Title 49, parts 100 to 177, pages 75-170 ava Government Printing Office; ""Transportation the Committee of Experts of the Transport Nations Publications Polaris des Nations	America e from A e from Su oods Coo o; IATA F n; Code e railable f on of Da	an Railroa Airline Tari Uperintenc de availab Restricted of Federa Trom Supe ngerous G	ds; Tariff 6D - iff Publishing Clent of Docum le from Intergo Articles Regu I Regulations, rintendent of I	Official Co.; Code of ents U.S. overnmental elations available Transportation. Documents U.S. emmendations of
H102	209		0	AN	1/4	Must use
		DoD Definition: [23-02] Hazardous Materia	al Class	Code		
		Use the IMDG number found in Source Cod	de 52.			
H103	208		0	ID	1/1	Must use
		DoD Definition: [23-03] Hazardous Materia	al Code	Qualifier		
		Code Name				
		DoD Definition:				
		[23-03] Intergovernmental Maritime	e Organi	zation (IM	10) Code	
H104	64		0	AN	2/30	Must use
		DoD Definition: [23-04] Hazardous Materia	al Descr	ription		
		Free form text proper name of the hazardot needed use data element H202.	us matei	rial. If mor	e than 30 cha	racters are
		SOURCE: Hazardous Material Code (49 Les Shipping Description Railinc/Association of Regulations on Restricted Articles available Federal Regulations CFR Title 46 available Government Printing Office; Dangerous Go Maritime Consultative Organization (IMCO) from International Air Transport Association	America from A from Su oods Cod); IATA F	an Railroa Airline Tari Uperintend de availab Restricted	ds; Tariff 6D - iff Publishing (lent of Docum le from Intergo Articles Regu	Official Co.; Code of eents U.S. overnmental lations available

Title 49, parts 100 to 177, pages 75-170 available from Superintendent of Documents U.S.

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
		Government Printing Office; ""Transportation the Committee of Experts of the Transport Nations Publications Polaris des Nations				
H105	63		0	AN	1/24	Must use
		DoD Definition: [23-05] Hazardous Mater	ial Conta	ct		
		The first ten (10) spaces will be the phone telephone number. Do not precede 10 digitione of the five numbers below if they are s	t with a 1	- (one da	ash). The shipp	
		7020070240 Away On a walka na Carata y Fire		. 1 - 4: - 1- (Samaala Danta	
		7036970218 - Army Operations Center Em 8008518061 - DoD Hazardous Materials H	•		•	gon ,
		8042793131 - Defense Supply Center Fire			•	
		8004248802 - National Response Center (•	ioriirioria,	771 ,	
		7036970219 - Army Operations Ctr Emerg	• • • • • • • • • • • • • • • • • • • •	tion Cons	ole, Pentagon.	
H106	200		0	AN	1/6	Must use
		DoD Definition: [23-06] Hazardous Materi	ials Page)		
		SOURCE: International Maritime Dangerou Maritime Consultants Organization (IMCO)		s Code a	vailable from In	ntergovernment
H107	77		X	N0	1/3	Used
		DoD Definition: [23-07] Flashpoint Tempe	erature			
H108	355		Χ	ID	2/2	Used
		DoD Definition: [23-08] Unit or Basis for M	⁄leasurei	ment Cod	de	
		ELEMENT CONDITION: If available, data	must be	sent		
		Code Name				
		CE DoD Definition :				
		[23-08] Centigrade, Celsius Use 'CE' to denote Centigrade				
		FA DoD Definition: [23-08] Fahrenheit				
		<u> </u>	_		. 10	
H109	254		0	ID	1/3	Used
		DoD Definition: [23-09] Packing Group Co				
		ELEMENT CONDITION: When applicable,	the Pac	kaging G	roup Code as	defined in The

ELEMENT CONDITION: When applicable, the Packaging Group Code as defined in The Canadian Gazette, Part II must be passed to comply with Canadian Transportation of Dangerous Goods (TDG) Regulations."

SOURCE: The Canadian Gazette, Part II available from Canadian Government Publishing Centre Supply and Services Canada

H2

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

User Option (Usage): Used

DoD Segment Definition:

[24] H2 SEGMENT - Hazardous Material Description SEGMENT CONDITION: This segment can be used for placard label information to be placed on the outside of the container.

Element Summary:

Ref	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
H201	64		M	AN	2/30	Used

DoD Definition: [24-01] Hazardous Material Description

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

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

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

H202 274 O AN 1/30 Used

DoD Definition: [24-02] Hazardous Material Classification

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

V1

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

User Option (Usage): Must use

Syntax Rules:

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

DoD Segment Definition:

[25] V1 SEGMENT - Vessel Identification

Ref	ld	Elemen	t Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
V101				X	ID	1/8	Must use
		DoD De	finition: [25-01] Vessel Code	9			
		Enter th	e Vessel Radio Call Sign. If it	t doesn't have o	one, ente	r the Lloyd's n	umber.
		SOURC	E: Lloyd's Register of Shippii	ng			
V102	182			X	AN	2/28	Must use
		DoD De	finition: [25-02] Vessel Nam	e			
		SOURC	E: Lloyd's Register of Shippii	ng			
V103	26			0	ID	2/3	Must use
		DoD De	finition: [25-03] Country Cod	de			
			les (GENC), is represented in		System fo	or Geospatial I	ntelligence
		http://wv	GENC Registry and mirrored a www.transcom.mil/dteb/files/refies and Funds, ISO 4217, is a	data/V_CTRY_			
V104	55	http://wv	vw.transcom.mil/dteb/files/ret	data/V_CTRY_			
V104	55	http://ww Currenc	vw.transcom.mil/dteb/files/ret	data/V_CTRY_ available from . O	Americai AN	n National Star	ndards Institute.
V104	55	http://ww Currenc	vw.transcom.mil/dteb/files/ref ies and Funds, ISO 4217, is a	data/V_CTRY_ available from O Voyage Numb	Americai AN	n National Star	ndards Institute.
V104 V108	55 897	http://ww Currenc	ww.transcom.mil/dteb/files/refies and Funds, ISO 4217, is a finition: [25-04] Commercial	data/V_CTRY_ available from O Voyage Numb	Americai AN	n National Star	ndards Institute.
		DoD De	ww.transcom.mil/dteb/files/refies and Funds, ISO 4217, is a finition: [25-04] Commercial	idata/V_CTRY_ available from . O Voyage Numb r.	Americar AN per	n National Star 2/30	ndards Institute. Must use
		DoD De	ww.transcom.mil/dteb/files/refies and Funds, ISO 4217, is a finition: [25-04] Commercial ecommercial voyage number finition: [25-08] Vessel Code	idata/V_CTRY_ available from . O Voyage Numb r.	Americar AN per	n National Star 2/30	ndards Institute. Must use
		DoD De Enter th DoD De Code	ww.transcom.mil/dteb/files/refies and Funds, ISO 4217, is a finition: [25-04] Commercial ecommercial voyage number finition: [25-08] Vessel Code	idata/V_CTRY_ available from . O Voyage Numb r.	Americar AN per	n National Star 2/30	ndards Institute. Must use
		DoD De Enter th Code N C	ww.transcom.mil/dteb/files/refies and Funds, ISO 4217, is a finition: [25-04] Commercial e commercial voyage numbe finition: [25-08] Vessel Code lame	idata/V_CTRY_available from . O Voyage Numb r. X e Qualifier	Americar AN per	n National Star 2/30	ndards Institute. Must use
		DoD De Enter th DoD De Code N C	ww.transcom.mil/dteb/files/refies and Funds, ISO 4217, is a finition: [25-04] Commercial e commercial voyage numbe finition: [25-08] Vessel Code lame DoD Definition:	idata/V_CTRY_available from . O Voyage Numb r. X e Qualifier	Americar AN per	n National Star 2/30	ndards Institute. Must use
		DoD De Enter th Code N C L	ww.transcom.mil/dteb/files/refies and Funds, ISO 4217, is a finition: [25-04] Commercial ecommercial voyage number finition: [25-08] Vessel Code lame DOD Definition: [25-08] Ship's Radio Call Sig	idata/V_CTRY_available from . O Voyage Numb r. X e Qualifier	Americar AN per	n National Star 2/30	ndards Institute. Must use
		DoD De Enter th Code M C L	finition: [25-04] Commercial e commercial voyage numbe finition: [25-08] Vessel Code lame loD Definition: [25-08] Ship's Radio Call Signo Dod Definition:	idata/V_CTRY_available from . O Voyage Numb r. X e Qualifier	Americar AN per	n National Star 2/30	ndards Institute. Must use

V9

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

User Option (Usage): Used

Syntax Rules:

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

DoD Segment Definition:

[26] V9 SEGMENT - Spot Date

SEGMENT CONDITION: Use when Spot Date applies.

[27] V9 SEGMENT - Mileage

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

<u>Ref</u> V901	<u>ld</u> 304	Element Name	Req M	<u>Type</u> ID	Min/Max 3/3	<u>Usage</u> Used
		DoD Definition: [26-01] Event Code				
		[27-01] DTOD Qualifier				
		Code Name				
		SPT DoD Definition:				
		[26-01] Spot Date				
		ZZZ DoD Definition:				
		[27-01] Mutually Defined Use 'ZZZ' to denote Defense Tab	le of Offic	ial Distar	nces (DTOD)	
V902	106		0	AN	1/25	Must use
		DoD Definition: [27-02] Mileage Qualified	•			
		Enter value 'SD' to denote CONUS Mileag	ge or '1B'	to denote	OCONUS Mi	ileage.
V903	373		0	DT	8/8	Must use
		DoD Definition: [26-03] Date				
		Enter the spot date.				
V912	61		0	AN	1/30	Must use
		DoD Definition: [26-12] Free-form Inform	ation			
		Enter the number of containers to be spot	ted.			
		[27-12] Mileage				
		Enter appropriate mileage.				

K1

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

User Option (Usage): Used

DoD Segment Definition:

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

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
K101	61		М	AN	1/30	Used
		DoD Definition: [28-01] Free-form Information	tion			
K102	61		0	AN	1/30	Used
		DoD Definition: [28-02] Free-form Information	tion			

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.

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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.

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• 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.

DEPARTMENT OF DEFENSE TRANSPORTATION EDI CONVENTION

		DoD INFORMATION					X12	SEG	MENT I	NFORM/	ATION		X1	2 ELEN	IENT	INFORI	MATION
ndex	DG	Data Name Notes and Codes	Do	DoD Recommended Attributes		Tabl	Pos	Req Des		Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attribute	
1		ST SEGMENT - Reservation (Booking Request)(Ocean) Header	M			1	100	М	1								
1-01		Transaction Set Identifier Code M ID 3/3 300 - Reservation (Booking Request) (Ocean)						ansacti nange p	partners t		e approp		ST01 ne translation nsaction se				3/3
1-02		Transaction Set Control Number Identifying control number that must be unique within the trans group assigned by the originator for a transaction set. The applitude control number must be agreed upon between trading partiapplications use all nine digits where the first five might indicate number and the last four represent the sequence of the transactional group. Also, the entire nine digit field may simply repthe transaction set generated by a trading partner.)	cation and st ners. (For exa e a group cor ction set withi	ructure o ample, so atrol in the	me	1	100	M	1				ST02	329	М	AN	4/9
2		B1 SEGMENT - Shipment Identification	М			1	200	М	1								
2-01		Standard Carrier Alpha Code SOURCE: Directory of Standard Carrier Alpha Codes (SCAC), National Motor Freight Association, Inc.	M NMF 101 Se	ID ries avail	2/4 able from	1		s the S					B101) of either thing confirmat		M r recei	ID ving the	2/4
2-02		Shipment Identification Number Enter in an eight (8) digit alpha numeric code. The first six (6) of Call File Number (PCFN) and the last two (2) digits are the year		AN Port	8/8	1	200	М	1				B102	145	0	AN	1/30
2-03		Reservation Action Date M DT 8/8 Enter Date applicable to the Reservation Action in the B104, Reservation actions include: New (Created), Change (Updated) or Reinstatement, expressed as CCYYMMDD							1 or the date	e of the bo	oking red	quest or	B103 the date the	373 e booking	O g was	DT accepted	8/8 by

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DEPARTMENT OF DEFENSE TRANSPORTATION EDI CONVENTION

		DoD INFORMATION					X12	2 SEG	ME	NT IN	NFORM	ATION		X1	2 ELE	MENT	INFO	RMATION
Index	DG	Data Name Notes and Codes	0		commended ributes	Tabl	Pos	Req Des		lax se	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		At	tributes
2-04		Reservation Action Code	М	ID	1/1	1	200	М	1				•	B104	558	0	ID	1/1
		Use code 'B' (Reinstatement) to reinstate a booking. A Transaction Se (Booking Cancellation) with Reservation Action Code (B104) of 'D' (Ca (Delete) will precede a TS 300 with a Reservation Actions Code 'B'. Use code value 'U' (Change) AFTER an Ocean Carrier receives an inusing a code value 'N' (New). Examples follow. Example 1: (Cargo Offering Increase). An initial offering was for ten (1 of cargo. The Ocean Carrier transmits a TS 301 (Confirmation) for all containers. A Shipper then needs to increase the offering from ten (10 containers. The booking is updated, and IBS will transmit another TS value 'U'. The number of containers on the TS 300 will be the total nur containers, which is fifteen (15). The Ocean Carrier can then send bar accepting the fifteen (15) or rejecting the additional five (5) containers have already accepted the original ten (10). Example 2: (Cargo Offering Decrease). If an Ocean Carrier has accep 300 for ten (10) containers of cargo and the Shipper needs to decreas (6) containers, IBS will be updated with the decrease. A TS 300 with a indicating that only four (4) containers are being offered, will be transmicarrier. The Ocean Carrier can send a TS 301 to either accept only the containers or reject the booking. B - Conditional Acceptance Use 'B' to denote Reinstatement. N - New U - Change	ancel; itial T (0) co ten (1) to fi 300 u mber ck a T ck a T oted a se tha a code nitted	or 'R' S 300 o ntainers 0) ffeen (1 sing the of 'S 301, e they n initial t offer be e value ' to the	5 5) e code TS y six													
3		G61 SEGMENT - Booking Contact Information	С			 	250	0	3									
o .		SEGMENT CONDITION: Use when Booking Contact Information appl				Ι΄.					04 is pres	sent, the	n the oth	er is requir	ed.			
3-01		Contact Function Code	М	ID	2/2	 	250	0	3		<u> </u>			G6101	366	М	ID	2/2
		IC - Information Contact				i												
		Use 'IC' to denote Booking Contact.																
3-02		Name	M	AN	1/60	-	250	0	3					G6102	93	M	AN	1/60
, o <u>r</u>		Enter the Booking Officer's Name.		7	1700	Ι΄.	200	Ü	Ū					00102	00		,	1700
3-03		Communication Number Qualifier	С	ID	2/2	 	250	0	3					G6103	365	С	ID	2/2
		EM - Electronic Mail																
		TE Tilliahaa					G6103	3 qualif	fies (G6104	l.							
2.04		TE - Telephone	С	AN	1/160	<u> </u>	250	0	3					C6104	364	С	AN	1/2040
3-04		Communication Number Enter the Booking Officer's Telephone Number when G6103 = 'TE'. E.	-			1	250	U	3					G6104	304	C	AN	1/2048
		Officer's Electronic Mail (e-mail) address when G6103 = 'EM'	inci li	IS DOOK	ang													
4		Y1 SEGMENT - Sailing Date	M			1	500	М	1									
		•				!					is presen							

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DEPARTMENT OF DEFENSE TRANSPORTATION EDI CONVENTION

		DoD INFORMATION					X12	SEG	MENT	INFORM.	ATION		X1:	2 ELEM	ENT II	NFORM	ATION
ndex	DG	Data Name Notes and Codes	De	oD Reco Attrik	mmended outes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attrib	utes
1-01		Sailing Date Estimated	М	DT	8/8	1	500	М	1				Y101	135	0	DT	8/8
		Enter the date the vessel is scheduled to depart, the vessel sailing d	ate.			İ											
-02		Available Date	М	DT	8/8	1	500	М	1				Y102	373	С	DT	8/8
		The date the cargo is available for pickup or receipt at load port.						is the d	late the	shipment fo	or which	space re	servation is	requeste	ed to be	available	
-04		Transportation Method/Type Code	С	ID	1/2	1	500	М	1				Y104	91	0	ID	1/2
		ELEMENT CONDITION: Use for both Breakbulk and Containers.				İ											
		BB - Breakbulk Ocean															
		O - Containerized Ocean															
-09		Date/Time Qualifier	М	ID	3/3	1	500	М	1				Y109	374	С	ID	3/3
		169 - Product Availability Date				İ											
		Use '169' to denote Cargo Availability Date.															
		Y2 SEGMENT - Container Information	С			1	600	0	1	10	1	Y2					
		SEGMENT CONDITION: Mandatory if Containerized move. Do not u	use for	BreakBu	k.	İ											
i-01		Number of Containers	М	N0	1/4	1	600	0	1	10	1	Y2	Y201	95	М	N0	1/4
		This segment is only to be used for Containers and should not be us Breakbulk. Number of containers in the booking.	ed if bo	ooking is	for	İ											
-02		Container Type Request Code	С	ID	1/1	1	600	0	1	10	1	Y2	Y202	78	0	ID	1/1
		ELEMENT CONDITION: Only used for CONTAINERIZED cargo.				İ											
		C - Containers with Chassis															
		W - Chassis Only															
-04		Equipment Type	М	ID	4/4	1	600	0	1	10	1	Y2	Y204	24	М	ID	4/4
		Enter the appropriate ISO Standard Codes. If no ISO code exists, th place holder. The source for these codes is the Identification Markin Containers (ISO 6346-1995). It can be obtained from the American Institute.	g Code	For Frei	ght												
-08		Container Terms Code	С	ID	3/3	1	600	0	1	10	1	Y2	Y208	464	0	ID	3/3
		In the Y208, DE464 at index [5-08] change the implementation note the conveyance service codes, TCN positions 15-17, as described in Defense Transportation Regulation (DTR), 4500.9-R-Part II, Append be obtained from the United States Transportation Command web si http://www.transcom.mii/dtr/index.cfm.	Code ix L. Th	Source 3	350.												

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		Dod Information					X12	SEGN	MENT I	NFORM/	ATION		X12	2 ELEME	INT IN	IFORM/	ATION
Index	DG	Data Name Notes and Codes	Do		ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attril	butes
5-09		Container Terms Code Qualifier	С	ID	1/1	1	600	0	1	10	1	Y2	Y209	465	0	ID	1/1
		I - Military Standard Transportation and Movement Procedure	es (MILSTAMF)		ĺ											
3		W09 SEGMENT - Temperature Data	С			1	650	0	1	10	1	Y2					
		SEGMENT CONDITION: Use this segment only when H301 temperature settings within a container are required) and L503 = 11X (Du Reefer Cargo). If specifying only one temperature setting, us 1, Position 1500.	al Temp (Chill/	Freeze))								her is require her is require				
5-01		Equipment Description Code	M	ID	2/2	1	650	0	1	10	1	Y2	W0901	40	М	ID	2/2
		DT - Drop Back Trailer				İ											
		Use 'DT' to denote Dual Temperature.															
6-02		Temperature	М	R	1/4	1	650	0	1	10	1	Y2	W0902	408	С	R	1/4
		Value representing the Chill temperature.								n allowabl			ondition for s	hipment;	the qu	alifying	
6-03		Unit or Basis for Measurement Code	M	ID	2/2	1	650	0	1	10	1	Y2	W0903	355	С	ID	2/2
		FA - Fahrenheit				İ											
6-04		Temperature	С	R	1/4	1	650	0	1	10	1	Y2	W0904	408	С	R	1/4
		Value representing the Freeze temperature.			İ				m allowab specified in			ondition for s	shipment;	(the qu	alifying		
6-05		Unit or Basis for Measurement Code	С	ID	2/2	1	650	0	1	10	1	Y2	W0905	355	С	ID	2/2
		FA - Fahrenheit				İ											
7		N9 SEGMENT - Reference Identification	С			1	690	0	100								
						İ				or N903 is en N905 is							

		DoD INFORMATION						X1:	2 SEG	MENT	INFOR	MAT	ION		X1:	2 ELEM	ENT	INFOR	MATION
Index	DG	Data Name Notes and Codes	D		com: tribut	mended tes	Tabl	Pos	Req		Lp R	pt I	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
7-01		Reference Identification Qualifier	М	ID		2/2	1	690	0	100					N901	128	М	ID	2/3
		2E - Foreign Military Sales Case Number																	
		Use '2E' to denote Foreign Military Sales Case.																	
		3X - Subcontract Number																	
		91 - Cost Element																	
		Use '91' to denote Total Cost.																	
		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																	
		QN - Stop Sequence Number																	
		Use 'QN' to denote Total Number of Stop-Offs and Mini Stop-Offs.																	
		TH - Transportation Account Code (TAC)																	
		TR - Government Transportation Request																	
		Use 'TR' to denote Movement Type.																	
		V3 - Voyage Number																	
		Use 'V3' to denote DOD Voyage Document Number.																	
7-02		Reference Identification	М	AN		1/30	1	690	0	100					N902	127	С	AN	1/80
		If N901=TR, then one of the following codes must be passed in the N9 Otherwise, pass	02: E	DD, DP	P, PD,	PP													
		DD - Door to Door																	
		DP - Door to Port																	
		PD - Port to Door																	
		PP - Port to Port																	
7-03		Free-form Description	С	AN		1/45	1	690	0	100					N903	369	С	AN	1/45
8		N1 SEGMENT - Activity Identification	М				1	800	М	1	99		1	N1					
							İ				2 or N103				is required.				

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		DoD INFORMATION					X12	2 SEG	MENT	NFORM/	ATION		X1:	2 ELEM	ENT	INFORM	MATION
ndex	DG	Data Name Notes and Codes	D		commended ributes	Tabl	Pos	Req Des		Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	butes
-01		Activity Identifier Code AE - Additional Delivery Address	М	ID	2/2	1	800	М	1	99	1	N1	N101	98	М	ID	2/3
		Use 'AE' to denote Stop Off.															
		CI - Consignor															
		Use 'CI' to denote Requestor.															
		CN - Consignee															
		SH - Shipper															
		Use 'SH' to denote Entity who has the cargo.	s the cargo.														
		TC - Tool Source															
		Use 'TC' to denote Theater Consolidation Shipping Point (TCSB).															
-02		Name When "AE" is used in the N101, enter the DODAAC for a Stop-Off	С	AN	1/60	1	800	М	1	99	1	N1	N102	93	С	AN	1/60
03		Location Code Qualifier ELEMENT CONDITION: Must appear if there will be no entry in N102	C 2 - Na	ID me	2/2	1	800	М	1	99	1	N1	N103	66	С	ID	1/2
		10 - Department of Defense Activity Address Code (DODAAC)															
		16 - ZIP Code															
		29 - Grid Location and Facility Code															
		Use '29' to denote Lattitude/Longitude.															
		33 - Commercial and Government Entity (CAGE)															
		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.															
		MA - Mail Stop															
		Use 'MA' to denote Mini Stop-off.															
04		Location Code	С	AN	2/80	1	800	М	1	99	1	N1	N104	67	С	AN	2/80
		Must appear if there will be no entry in N102 - (Name). Enter appropr (e.g., DoDAAC, CAGE, GEOLOC, etc.). When MA is used in the N10 the Mini-Stop Off					identif	ication.	To obta		iency the	"ID Coo	cient metho de" (N104) i arty.				

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		DoD INFORMATION					X12	SEGI	MENT I	NFORM/	NOITA		X12	2 ELEN	IENT	INFOR	MATION
Index	DG	Data Name Notes and Codes	"		ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attı	ibutes
9		N3 SEGMENT - Address Information				1	1000	0	2	99	1	N1		-			
		SEGMENT CONDITION: Use this segment only when the entry "CN" or "SH". Use only for Shipper or consignee address. Use Non-parsed (free-form text) address information. If parsed inform convey in N4 - Address Information segment.	N3 segment	to conve													
		If the address is longer than 55 characters, it will roll over into N	302.														
9-01		Address Information	М	AN	1/55	1	1000	0	2	99	1	N1	N301	166	М	AN	1/55
9-02		Address Information	С	AN	1/55	1	1000	0	2	99	1	N1	N302	166	0	AN	1/55
10		N4 SEGMENT - Geographic Location	С			1	1100	0	1	99	1	N1					
		SEGMENT CONDITION: Use this segment only when the entry 'CN' or 'SH'.	oop is		Only o	ne of N 3 is pre	1403 or N sent, the	N407 may N408 may en N405 is en N404 is	be prese required	ent. I.							
0-01		City Name	М	AN	2/30	1	1100	0	1	99	1	N1	N401	19	0	AN	2/30
							A com locatio		n of eithe	er N401 th	rough N ²	104, or N	1405 and N	406 may	be ad	equate t	specify a
0-02		State or Province Code	С	ID	2/2	1			of eithe	99	rough N ²	104, or N N1	N405 and N4	406 may 156	be ad	equate t	o specify a
0-02		State or Province Code SOURCE: U.S. Postal Service or Canada Post or Bureau of Tra	-			1	locatio	n.			rough N ²						
			-			1 1 1	locatio	n.			rough N ² 1						
		SOURCE: U.S. Postal Service or Canada Post or Bureau of Tra	ensportation C etion 65 The	Statistics ID USPS D	3/15 omestic	1 1 1	1100 1100 N403 (in a str	O O contain	1 1 s the po	99 99 stal code i	1 1 n an uns	N1 N1 tructured	N402	156 116 408 cont I, the pa	C C ains th	ID ID e postal	2/2 3/15
0-03		SOURCE: U.S. Postal Service or Canada Post or Bureau of Tra Postal Code SOURCE: National ZIP Code and Post Office Directory, Publica Mail Manual available from U.S Postal Service; Universal Postal from International Bureau of the Universal Postal Union	ensportation C etion 65 The	Statistics ID USPS D	3/15 omestic	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1100 1100 N403 (in a str	O O contain	1 1 s the po	99 99 stal code i	1 1 n an uns	N1 N1 tructured	N402 N403 d format. N4	156 116 408 cont I, the pa	C C ains th	ID ID e postal	2/2 3/15
0-03		SOURCE: U.S. Postal Service or Canada Post or Bureau of Tra Postal Code SOURCE: National ZIP Code and Post Office Directory, Publica Mail Manual available from U.S Postal Service; Universal Postal from International Bureau of the Universal Postal Union http://www.upu.int/post_code/en/postcodes.html	ansportation C ation 65 The I Union Web C C oppolitical En patial Intelliges/refdata/V	Statistics ID USPS Desire avail ID tities, Nar	3/15 omestic lable 2/3 mes, and SG) DOD.htm.		1100 1100 N403 oin a str as to w	O Contain ructure which di	1 1 s the pod format ata elem	99 99 stal code i . When a pent (N403	1 1 n an uns	N1 N1 tructured de data	N402 N403 d format. N4 field is used e used in th	156 116 108 cont I, the pa	C C ains the rties shaction s	ID ID e postal nall agreeset.	2/2 3/15 code
0-02		SOURCE: U.S. Postal Service or Canada Post or Bureau of Tra Postal Code SOURCE: National ZIP Code and Post Office Directory, Publica Mail Manual available from U.S Postal Service; Universal Postal from International Bureau of the Universal Postal Union http://www.upu.int/post_code/en/postcodes.html Country Code SOURCE: Code for Representation of Names of Countries, Geo Codes (GENC), is represented in the National System for Geos GENC Registry and mirrored at http://www.transcom.mil/dteb/file Codes for Representation of Currencies and Funds, ISO 4217, i	ansportation C ation 65 The I Union Web C C oppolitical En patial Intelliges/refdata/V	Statistics ID USPS Desire avail ID tities, Nar	3/15 omestic lable 2/3 mes, and SG) DOD.htm.		1100 1100 N403 oin a str as to w	O Contain ructure which di	1 1 s the pod format ata elem	99 99 stal code i . When a pent (N403	1 1 n an uns	N1 N1 tructured de data	N402 N403 d format. N4 field is used e used in th	156 116 108 cont I, the pa	C C ains the rties shaction s	ID ID e postal nall agreeset.	2/2 3/15 code

		DoD INFORMATION					X12	SEG	MENT	INFORMA	ATION		X1	2 ELEN	/ENT	INFO	RMATION
Index	DG	Data Name Notes and Codes	'		ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		At	tributes
11-01		Contact Code	M	ID	2/2	1	1200	0	3	99	1	N1	G6101	366	М	ID	2/2
		DI - Delivery Instructions Contact				ĺ											
		Use 'DI' to denote Consignee (use when N101 = CN).															
		OC - Order Contact															
		RQ - Requestor															
		Use 'RQ' to denote Consignor.															
		SH - Shipper Contact															
		Use 'SH' to denote Shipper Contact (use when N101 = SH).															
11-02		Name	М	AN	1/60	1	1200	0	3	99	1	N1	G6102	93	М	AN	1/60
		Enter the POC name.															
11-03		Communication Number Qualifier	С	ID	2/2	1	1200	0	3	99	1	N1	G6103	365	С	ID	2/2
		EM - Electronic Mail					00400										
		TE - Telephone					G6103	s qualiti	ies G610)4.							
11-04		Communication Number	С	AN	1/160	1	1200	0	3	99	1	N1	G6104	364	С	AN	1/2048
		Enter the telephone number when G6103 = 'TE'. Enter the electronic when G6103 = 'EM'.	c mail ((e-mail) a	address	İ											
12		R4 SEGMENT - Port Information	М			1	1300	М	1	20	1	R4					
						İ	If eithe	er R402	or R40	3 is presen	t, then th	e other i	s required.				
							R4 is r	require	d for eac	ch port to b	e identifie	ed.					
12-01		Port or Terminal Function Code	М	ID	1/1	1	1300	М	1	20	1	R4	R401	115	М	ID	1/1
		Always send code values 'J' and 'K'.				İ											
		J - Bill of Lading Port of Loading (Contractual)															
		Use 'J' to denote Place at which cargo is loaded on board the means	s of tra	nsport.													
		K - Bill of Lading Port of Discharge (Contractual)															
		Use 'K' to denote Place at which cargo is discharged from means of	transp	ort.													

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		DoD INFORMATION					X12	SEGN	MENT I	NFORM	ATION		X12	2 ELEM	ENT	NFOR	MATION
Index	DG	Data Name Notes and Codes	0		mmended outes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE#		Attr	ibutes
12-02	•	Location Qualifier Use of DoD Water Port Codes as found in USTranscom Reference Damirrored at https://trdmws.maf.ustranscom.mil/trdm/index.html#/TRDM	M ta Mar /home	ID nagement is preferr	1/2 (TRDM), ed.	1	1300	М	1	20	1	R4	R402	309	С	ID	1/2
		D - Census Schedule D		•													
		IM - Military Standard Movement Procedures (MILSTAMP)															
		Use 'IM' to denote DoD Water Port Code.															
		K - Census Schedule K															
12-03		Location Identifier	М	AN	3/5	1	1300	M	1	20	1	R4	R403	310	С	AN	1/30
		DoD Water Port Codes are three (3) characters in length *** DoD Water Port Code is the PREFERRED Value*** Schedule D (Domestic) ports are four (4) characters in length Schedule K (International) ports are five (5) characters in length															
12-04		Port Name	М	AN	2/24	1	1300	М	1	20	1	R4	R404	114	0	AN	2/24
		Restrict Port Names to SEAPORT_SHRT_PORT_NM as found in UST Management (TRDM), mirrored at https://trdmws.maf.ustranscom.mil/trdm/index.html#/TRDM															
13		DTM SEGMENT - Delivery Date	С			1	1400	0	15	20	1	R4					
		SEGMENT CONDITION: The Required Delivery Date occurs only for to (R401 contains code value 'K')	ne Por	t of discha	arge		If DTM	104 is p	resent,	2, DTM03 then DTM ГM06 is pr	03 is req	uired.	quired. other is requ	uired.			
13-01		Delivery Date Qualifier	М	ID	3/3	1	1400	0	15	20	1	R4	DTM01	374	М	ID	3/3
		To specify pertinent dates and times				İ											
		996 - Required Delivery															
		Use '996' to denote Required Delivery Date (RDD).															
13-02		Required Delivery Date	М	DT	8/8	1	1400	0	15	20	1	R4	DTM02	373	С	DT	8/8
		Enter Required Delivery Date (RDD).				<u> </u>											
14		W09 SEGMENT - Temperature Data	С			1	1500	0	1								
		SEGMENT CONDITION: To be used with reefers.					If eithe	r W090 r W090	02 or W 04 or W	0903 is pro 0905 is pro	esent, th esent, th	en the o en the o	ther is requ ther is requ	ired. ired.			
14-01		Equipment Description Code	М	ID	2/2	1	1500	0	1				W0901	40	М	ID	2/2
		CZ - Refrigerated Container				<u> </u>											
14-02		Required Set Temperature	М	R	1/4	1	1500	0	1				W0902	408	С	R	1/4
		Enter the Required Minimum Set Temperature.								m allowab specified i			ondition for	shipmen	t; (the	qualifyir	ng

		DoD INFORMATION					X12	SEGI	MENT	INFORMA	ATION		X1	2 ELEM	ENT	INFORI	MATION
Index	DG	Data Name Notes and Codes	D		ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attr	ibutes
14-03		Unit or Basis for Measurement Code	М	ID	2/2	1	1500	0	1	•			W0903	355	С	ID	2/2
		FA - Fahrenheit				İ											
14-06		Temperature Variance	С	AN	2/10	1	1500	0	1				W0906	3	0	AN	1/60
		Enter the Variance (Temperature Range) based on the Required Set a plus (+) or minus (-) sign. Example +22	Temp	erature	preceded by					scribe the e			ired within	an ocean	-type,	refrigera	ed
15		H3 SEGMENT - Special Handling Exceptions	С			1	1600	0	20								
		SEGMENT CONDITION: Only use this segment when Special Handl (zero) or a code does not exist. Use H301 or H302 as applicable but	ing co	st is equ th.	al to "0"		Only o	ne of H	1301 or	H302 may	be pres	ent.					
15-01		Special Handling Code	С	ID	2/3	1	1600	0	20				H301	152	С	ID	2/3
		ELEMENT CONDITION: Only use when cost is equal to "0" (zero). D being used.	o not ı	use if H3	302 is												
		See Section 6 for list of data values.															
15-02		Special Handling Description	С	AN	2/30	1	1600	0	20				H302	153	С	AN	2/30
		Free-form description of special handling instructions if no accessoria available	ıl code	e is													
		ELEMENT CONDITION: Only use when a code does not exist. Do no used.	ot use	if H301	is being												
16		LX SEGMENT - Breakbulk/Container Information Loop	М			2	100	М	1	999	1	LX					
		One, and only one, TCN is permitted per LX loop. When booking brecargo the LX loop will be repeated for each Transportation Control No			erized												
16-01		Assigned Number	М	N0	1/6	2	100	М	1	999	1	LX	LX01	554	М	N0	1/6
		Assigned Number: When booking breakbulk/containerized cargo, ass sequentially, i.e., 1,2,3,4, , 999. Start with "1" and increment by or occurrence of the LX loop; limited to one TCN per LX loop.															
17		N7 SEGMENT - Equipment Description	С			2	200	0	1	999	1	LX					
		SEGMENT CONDITION: Only used for CONTAINERIZED CARGO. cargo.	Do NC	T use fo	or breakbulk		If eithe	r N705	or N71	6 is preser	ıt, then t	he other	is required. is required. is required.				
17-01		Equipment Initial	С	AN	1/4	2	200	0	1	999	1	LX	N701	206	0	AN	1/4
		SOURCE: Directory of Standard Carrier Alpha Codes (SCAC), NMF National Motor Freight Traffic Association, Inc; Railroad Mark Registe Director, Industry Reference Files Railinc/Association of American Ra	er avai	lable fro			N701 i	s mano	datory fo	or rail trans	actions.						
17-02		Equipment Number	М	AN	1/7	2	200	0	1	999	1	LX	N702	207	М	AN	1/15
		Because this data element is mandatory and the container number is the time of booking, use zero (0).	not no	ormally l	known at												

		DoD INFORMATION					X12	SEG	MENT I	NFORMA	NOITA		X12	2 ELEM	ENT I	NFOR	/IATION
ndex	DG	Data Name Notes and Codes	D		ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attı	ibutes
17-11		Equipment Description Code	М	ID	2/2	2	200	0	1	999	1	LX	N711	40	0	ID	2/2
		See Section 6 for list of data values.				İ											
7-15		Equipment Length	М	N0	4/5	2	200	0	1	999	1	LX	N715	567	0	N0	4/5
		Equipment length. Length (in feet and inches) of equipment orc shipment. (The format is FFFII where FFF is feet and II is inche 00 through 11) - 2000 its a 20FT-Dry			port												
7-20		Height	С	R	1/8	2	200	0	1	999	1	LX	N720	65	0	R	1/8
		Vertical dimension of an object measured when the object is in Expressed in inches.	the upright p	osition.			N720 a	and N7	21 are e	expressed i	n inches	•					
8		L0 SEGMENT - Weight/Volume/Pieces/Lading Quantity	М			2	400	0	1	999	1	LX					
							If either If either If either If L011	er L004 er L006 er L008 1 is pres	or L005 or L007 or L009 sent, the	is present is present is present is present en L004 is is present	then the then the then the required.	e other is e other is e other is	required. required. required.				
8-01		Lading Line Item Number	М	N0	1/6	2	400	0	1	999	1	LX	L001	213	0	N0	1/6
		Sequential line number for a lading item. Should match the value	ue from the L	X01.		i											
18-04		Weight	М	R	1/10	2	400	0	1	999	1	LX	L004	81	С	R	1/10
18-05		Weight Qualifier	M	ID	1/1	12	400	0	1	999	1	LX	L005	187	С	ID	1/2
		E - Estimated Net Weight		-		i -		_	•		•				_	-	
18-06		Volume	С	R	1/8	2	400	0	1	999	1	LX	L006	183	С	R	1/8
8-07		Volume Unit Qualifier	С	ID	1/1	2	400	0	1	999	1	LX	L007	184	С	ID	1/1
		E - Cubic Feet				<u></u>											
18-08		Lading Quantity	С	N0	1/7	2	400	0	1	999	1	LX	L008	80	С	N0	1/7
		This is the number of Breakbulk pieces. For Containers, enter actual value of the container content in the 315 as specified in Instructions		vide the			L008 is	s the nu	umber o	f handling	units of t	ne line it	em tendere	d to the o	arrier.		
8-09		Packaging Form Code	С	ID	3/3	2	400	0	1	999	1	LX	L009	211	С	ID	3/3
		This Data Element is the qualifier for L008.															
		PCS - Pieces															
		-				J											

		DoD INFORMATION					X12	SEGN	MENT I	NFORM/	NOITA		X12	2 ELEMI	ENT	INFORM	MATION
ndex	DG	Data Name Notes and Codes			ommended butes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	ibutes
18-11		Weight Unit Code	С	ID	1/1	2	400	0	1	999	1	LX	L011	188	0	ID	1/1
		K - Kilograms				Ì											
		L - Pounds															
19		L5 SEGMENT - Commodity Description	М			2	500	0	1	999	1	LX					
							If L507	7 is pre	sent, the	en L506 is	required	l.	is required. is required.				
19-01		Lading Line Item Number	М	N0	1/6	2	500	0	1	999	1	LX	L501	213	0	N0	1/6
		Sequential line number for a lading item. Should match the value from L001.	the L	X01 and													
19-02		Lading Description	С	AN	1/50	2	500	0	1	999	1	LX	L502	79	0	AN	1/50
		This is a free form text describing the commodity code.				ĺ	L502 i	may be	used to	send quar	ntity info	rmation	as part of th	ne produc	ct des	cription.	
9-03		Commodity Code	М	AN	1/30	2	500	0	1	999	1	LX	L503	22	С	AN	1/30
		Enter the Commodity Code as found in the USTRANSCOM Reference mirrored at https://trdmws.maf.ustranscom.mil/trdm/index.html#/TRDM			nent (TRDM)	Ì											
19-04		Commodity Code Qualifier	М	ID	1/1	2	500	0	1	999	1	LX	L504	23	С	ID	1/2
		I - Milstamp AITC or Water Commodity Code				Ì											
19-05		Packaging Code	С	AN	3/5	2	500	0	1	999	1	LX	L505	103	0	AN	3/5
		The only allowable code values used with containerized bookings are and 'MS2'. Use all other code values with breakbulk.	'CNT',	'SV2', 'M	L2',												
		See Section 6 for list of data values.															
20		L4 SEGMENT - Measurements	С			2	600	0	1	999	1	LX					
		SEGMENT CONDITION: Only use for Breakbulk cargo.				ĺ											
20-01		Length	М	R	1/8	2	600	0	1	999	1	LX	L401	82	М	R	1/8
		Expressed in inches				ĺ											
0-02		Width	М	R	1/8	2	600	0	1	999	1	LX	L402	189	М	R	1/8
		Expressed in inches															
20-03		Height	М	R	1/8	2	600	0	1	999	1	LX	L403	65	М	R	1/8
		Expressed in inches				ĺ											

		DoD INFORMATION					X12	2 SEG	MENT	NFORM/	ATION		X1:	2 ELEM	ENT	INFORI	NOITAN
ndex	DG	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	ibutes
0-04		Measurement Unit Qualifier	М	ID	1/1	2	600	0	1	999	1	LX	L404	90	М	ID	1/1
		N - Inches				ĺ											
-06		Outsized Code	С	AN	1/1	2	600	0	1	999	1	LX	L406	1271	0	AN	1/30
		Use 'O' to denote Outsized				i											
		O - Outsized					L406 i	is the R	ounding	in Pattern	for dimer	nsional s	shipments.				
		L1 SEGMENT - Rate and Charges	С			2	650	0	20	999	1	LX					
		SEGMENT CONDITION: There will be 1 (one) L1 for every charge than 0 (zero). If the charge equals 0 (zero), the L1 will not be used. Only one of L108 or L112 may be present.	nat is	greater o	r less		At leas	st one o er L114	of L104, or L115	is present, L105, or L1 is present, is present,	106 is red then the	quired. other is	required.				
1-01		Lading Line Item Number	М	N0	1/2	2	650	0	20	999	1	LX	L101	213	0	N0	1/6
		Assign counter sequentially (beginning with 01) i.e. 01, 02, 20				İ											
-02		Contract Line Item Number (CLIN)	С	R	1/9	2	650	0	20	999	1	LX	L102	60	С	R	1/15
		This is the CLIN that is associated with the charge.				İ											
I-03		CLIN Qualifier	С	ID	2/2	2	650	0	20	999	1	LX	L103	122	С	ID	2/2
		DD - Department of Defense Unique Codes				ĺ											
-04		Charge	М	N2	1/12	2	650	0	20	999	1	LX	L104	58	С	N2	1/15
1-08		Special Charge or Allowance Code	С	ID	3/3	2	650	0	20	999	1	LX	L108	150	0	ID	3/3
		Use for "services" other than accessorial codes; report accessorial codes of this data element is passed then L112 is NULL. Examples of report (Ocean Freight), POE-POD, LTE (Line Haul to POE - Origin to POE Destination Cost - Linehaul From POD).	table	codes ar	e COF												
1-12		Special Charge Description	С	AN	2/25	2	650	0	20	999	1	LX	L112	276	0	AN	2/25
		Use accessorial codes as designated by SDDC.				ĺ											
1-17		Care Rate	С	R	1/11	2	650	0	20	999	1	LX	L117	220	С	R	1/11
1-18		Care Rate Code	С	ID	2/2	2	650	0	20	999	1	LX	L118	221	С	ID	2/2
		OR - Other															
		Use 'OR' to denote Care Rate.															

		DoD INFORMATION					X12	SEG	MENT	NFORM.	ATION		X1	2 ELEM	IENT	INFORI	MATION
Index	DG	Data Name Notes and Codes	C		ommended ibutes	Tabl	Pos	Req Des		Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Attr	ibutes
22		REF SEGMENT - Reference Information	С			2	670	0	1	999	1	LX	•	•			
		New segment to bring the TCN data from the N9 at the header lev relate to charges and accessorial codes. One REF segment per L				İ	At lea	st one	of REF0	2 or REF03	3 is requi	red.					
22-01		Reference Identification Qualifier	М	ID	2/3	2	670	0	1	999	1	LX	REF01	128	М	ID	2/3
		Code specifying the Reference Identification.															
		TG - Transportation Control Number (TCN)															
22-02		Reference Identification	М	AN	17/17	2	670	0	1	999	1	LX	REF02	127	С	AN	1/80
		Value that represents the Transportation Control Number to which the LX loop applies.	the dat	a provide	ed in	<u> </u>											
22-03		Description	С	AN	17/17	2	670	0	1	999	1	LX	REF03	352	С	AN	1/80
		The value that represents the Transportation Tracking Number (T	ΓN).			ĺ											
		ELEMENT CONDITION: Mandatory if TTN is available															
22-04		C040 Reference Identifier	С	CE		2	670	0	1	999	1	LX	REF04	C040	0	CE	
						İ							other is requother is requ				
22-04-01		Reference Identification Qualifier	С	ID	2/3	2	670	0	1	999	1	LX	C04001	128	М	ID	2/3
		OC - Ocean Container Number				j											
22-04-02		Reference Identification	С	AN	10/11	2	670	0	1	999	1	LX	C04002	127	М	AN	1/80
		The government-owned container number value when it is known booking/offer.	at the ti	me of the	e												
23		H1 SEGMENT - Hazardous Material Information	С			2	700	0	1	10	2	H1					
		SEGMENT CONDITION: Use for hazardous shipments.				İ	If eithe	er H10	7 or H10	8 is presen	it, then th	ne other	is required.				
							This s	egmer	nt is requ	ired when t	the shipn	nent con	ıtains hazar	dous mat	terial.		
23-01		Hazardous Material Code	М	AN	4/10	2	700	0	1	10	2	H1	H101	62	М	AN	4/10
		Use the prefix 'NA' (North American) or 'UN' (United Nations Dang conjunction with the appropriate hazardous material codes.	erous G	ioods) in		İ											
		SOURCE: Hazardous Material Code (49 Level) available from STC Shipping Description Railinc/Association of American Railroads; T Regulations on Restricted Articles available from Airline Tariff Pub of Federal Regulations CFR Title 46 available from Superintenden Government Printing Office; Dangerous Goods Code available from Maritime Consultative Organization (IMCO); IATA Restricted Articl available from International Air Transport Association; Code of Federal Transportation. Title 49, parts 100 to 177, pages 75-170 available of Documents U.S. Government Printing Office; "Transportation Recommendations of the Committee of Experts of the Transport of available from United Nations Publications Polaris des Nations	ariff 6D lishing 0 It of Doo m Interg es Regu deral Re from Su of Dange	- Official Co.; Cod- cuments povernmental culations egulations perinten erous Go	e U.S. ental s, dent ods"",												

						,,,,			INFORM/			, ,,,			•	MATION
DG	Data Name Notes and Codes			ommended ibutes	Tabl	Pos	Req Des		Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE#		Att	ributes
	Hazardous Material Class Code	M	AN	1/4	2	700	0	1	10	2	H1	H102	209	0	AN	1/4
	Use the IMDG number found in Source Code 52.				Ì											
	Hazardous Material Code Qualifier	М	ID	1/1	2	700	0	1	10	2	H1	H103	208	0	ID	1/1
	I - Intergovernmental Maritime Organization (IMO) Code															
	Hazardous Material Description	М	AN	2/30	2	700	0	1	10	2	H1	H104	64	0	AN	2/30
	Free form text proper name of the hazardous material. If more than needed use data element H202.	30 cha	racters a	are												
	Shipping Description Railinc/Association of American Railroads; Ta Regulations on Restricted Articles available from Airline Tariff Publi of Federal Regulations CFR Title 46 available from Superintendent Government Printing Office; Dangerous Goods Code available from Maritime Consultative Organization (IMCO); IATA Restricted Article available from International Air Transport Association; Code of Fed Transportation. Title 49, parts 100 to 177, pages 75-170 available fof Documents U.S. Government Printing Office; ""Transportation of	riff 6D shing Conference of Document Intergulars Regulars	- Official Co.; Code uments to overnmentations gulations perintendrous God	e J.S. ental s, dent ods"",												
	Hazardous Material Contact	М	AN	1/24	2	700	0	1	10	2	H1	H105	63	0	AN	1/24
	telephone number. Do not precede 10 digit with a 1- (one dash). The one of the five numbers below if they are shipping hazardous mate 7036970218 - Army Operations Center Emergency Action Console 8008518061 - DoD Hazardous Materials Hotline, Richmond, VA; 8042793131 - Defense Supply Center Fire Dept, Richmond, VA; 8004248802 - National Response Center (NRC);	ne shipp rial: , Penta	per must													
	Hazardous Materials Page	М	AN	1/6	2	700	0	1	10	2	H1	H106	200	0	AN	1/6
	SOURCE: International Maritime Dangerous Goods Code available Maritime Consultants Organization (IMCO)	from li	ntergove	rnment	Ì											
	Flashpoint Temperature	С	N0	1/3	2	700	0	1	10	2	H1	H107	77	С	N0	1/3
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		Ü	טו	2/2	2	700	U	7	10	2	н	H108	355	Ü	טו	2/2
	ELLIVILIVI CONDITION. II available, data filust be sefft															
	CE - Centigrade, Celsius															
	Use 'CE' to denote Centigrade.															
	FA - Fahrenheit															
		Use the IMDG number found in Source Code 52. Hazardous Material Code Qualifier I - Intergovernmental Maritime Organization (IMO) Code Hazardous Material Description Free form text proper name of the hazardous material. If more than needed use data element H202. SOURCE: Hazardous Material Code (49 Level) available from STC Shipping Description Railinc/Association of American Railroads; Ta Regulations on Restricted Articles available from Airline Tariff Public of Federal Regulations CFR Title 46 available from Superintendent Government Printing Office; Dangerous Goods Code available from Maritime Consultative Organization (IMCO); IATA Restricted Article available from International Air Transport Association; Code of Fed Transportation. Title 49, parts 100 to 177, pages 75-170 available for Documents U.S. Government Printing Office; "Transportation of Recommendations of the Committee of Experts of the Transport of available from United Nations Publications Polaris des Nations Hazardous Material Contact The first ten (10) spaces will be the phone number. Do not use hyp telephone number. Do not precede 10 digit with a 1- (one dash). The one of the five numbers below if they are shipping hazardous materials Polaris 100 Hazardous Materials Hotline, Richmond, VA; 8042793131 - Defense Supply Center Fire Dept, Richmond, VA; 8042793131 - Defense Supply Center Fire Dept, Richmond, VA; 8042793131 - Defense Supply Center Fire Dept, Richmond, VA; 8042793131 - Polaria Response Center (NRC); 7036970219 - Army Operations Ctr Emergency Action Console, Pel Hazardous Materials Page SOURCE: International Maritime Dangerous Goods Code available Maritime Consultants Organization (IMCO) Flashpoint Temperature Unit or Basis for Measurement Code ELEMENT CONDITION: If available, data must be sent CE - Centigrade, Celsius	Use the IMDG number found in Source Code 52. Hazardous Material Code Qualifier I - Intergovernmental Maritime Organization (IMO) Code Hazardous Material Description M Free form text proper name of the hazardous material. If more than 30 chaneded use data element H202. SOURCE: Hazardous Material Code (49 Level) available from STCC/Haza Shipping Description Railinc/Association of American Railroads; Tariff 6D-Regulations on Restricted Articles available from Airline Tariff Publishing Of Federal Regulations CFR Title 46 available from Superintendent of Doc Government Printing Office; Dangerous Goods Code available from Intergulation (IMCO); IATA Restricted Articles Regulavailable from Intermational Air Transport Association; Code of Federal Re Transportation. Title 49, parts 100 to 177, pages 75-170 available from Su of Documents U.S. Government Printing Office; ""Transportation of Dange Recommendations of the Committee of Experts of the Transport of Dange Recommendations of the Committee of Experts of the Transport of Dange available from United Nations Publications Polaris des Nations Hazardous Material Contact M The first ten (10) spaces will be the phone number. Do not use hyphens on telephone number. Do not precede 10 digit with a 1- (one dash). 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If more than 30 characters a needed use data element H202. SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous M Shipping Description Railinc/Association of American Railroads; Tariff 6D - Official Regulations on Restricted Articles available from Airline Tariff Publishing Co., Code of Federal Regulations CFR Title 46 available from Superintendent of Documents I Government Printing Office; Dangerous Goods Code available from Interpovernme Maritime Consultative Organization (IMCO); IATA Restricted Articles Regulations available from International Air Transport Association; Code of Federal Regulations available from International Air Transport Association; Code of Federal Regulations available from International Air Transport Association; Code of Federal Regulations available from International Air Transport Association; Code of Federal Regulations available from International Air Transport Association; Code of Federal Regulations available from International Air Transport Association; Code of Federal Regulations available from International Air Transport Association; Code of Federal Regulations of Documents U.S. Government Printing Office; "Transportation of Dangerous Go Recommendations of the Committee of Experts of the Transport of Dangerous Go Recommendations of the Committee of Experts of the Transport of Dangerous Go available from United Nations Publications Polaris des Nations Hazardous Material Contact M AN The first ten (10) spaces will be the phone number. 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SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Railinc/Association of American Railroads; Tariff 6D - Official Regulations on Restricted Articles available from Ariline Tariff Publishing CC); Code of Federal Regulations CFR Title 46 available from Superintendent of Documents U.S. Government Printing Office; Dangerous Goods Code available from Intergovernmental Maritime Consultative Organization (IMCO); IATA Restricted Articles Regulations available from International Air Transport Association; Code of Federal Regulations, Transportation: Title 49, parts 100 to 177, pages 75-170 available from Superintendent of Documents U.S. Government Printing Office; "Transportation of Dangerous Goods", Recommendations of the Committee of Experts of the Transport of Dangerous Goods", Recommendations of the Committee of Experts of the Transport of Dangerous Goods available from United Nations Publications Polaris des Nations Hazardous Material Contact M AN 1/24 The first ten (10) spaces will be the phone number. 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SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Railinc/Association of American Railroads; Tariff 6D - Official Regulations on Restricted Articles available from Marine Tariff Publishing Co.; Code of Federal Regulations or Restricted Articles available from Marine Tariff Publishing Co.; Code of Federal Regulations Coffice; Dangerous Goods Code available from Intergovernmental Maritime Consultative Organization (IMCO); IATA Restricted Articles Regulations available from International Air Transport Association; Code of Federal Regulations, Transportation. Title 49, parts 100 to 177, pages 75-170 available from Superintendent of Documents U.S. Government Printing Office; "Transportation of Dangerous Goods", Recommendations of the Committee of Experts of the Transport of Dangerous Goods available from United Nations Publications Polaris des Nations Hazardous Material Contact Hazardous Material Contact MAN 1/24 The first ten (10) spaces will be the phone number. Do not use hyphens or spaces in the telephone number. Do not precede 10 digit with a 1- (one dash). 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SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Railinc/Association of American Railincads; Tariff 6D - Official Regulations on Restricted Articles available from Artine Tariff Publishing Co.; Code of Federal Regulations CFR Title 46 available from Superintendent of Documents U.S. Government Printing Office; Dangerous Goods Code available from Intergovernmental Maritime Consultative Organization (IMCO); IATA Restricted Articles Regulations available from Interprational Air Transport Association; Code of Federal Regulations, Transportation. Title 49, parts 100 to 177, pages 75-170 available from Superintendent of Documents U.S. Government Printing Office; "Transportation of Dangerous Goods" Recommendations of the Committee of Experts of the Transport of Dangerous Goods available from United Nations Publications Polaris des Nations Hazardous Material Contact M AN 1/24 2 700 Hazardous Material Contact M AN 1/24 2 700 The first ten (10) spaces will be the phone number. Do not use hyphens or spaces in the telephone number. Do not precede 10 digit with a 1- (one dash). The shipper must select one of the five numbers below if they are shipping hazardous material: 7036970218 - Army Operations Center Emergency Action Console, Pentagon; 8008518061 - DoD Hazardous Materials Hotline, Richmond, VA; 8042793131 - Defense Supply Center Fire Dept. Richmond, VA; 8042793131 - Defense Supply Center Fire Dept. Richmond, VA; 8042793131 - Operations Ctr Emergency Action Console, Pentagon. Hazardous Materials Page M AN 1/6 2 700 Hazardous Materials Page M AN 1/6 2 700 Hazardous Material Condact C N0 1/3 2 700 Hazardous Material Condact C N0 1/3 2 700 Hazardous Material C	Use the IMDG number found in Source Code 52. Hazardous Material Code Qualifier I - Intergovernmental Maritime Organization (IMO) Code Hazardous Material Description M AN 2/30 Z 700 O Free form text proper name of the hazardous material. If more than 30 characters are needed use data element H202. SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Railinc/Association of American Railroads; Tariff 60 - Official Regulations on Restricted Articles available from Stephina Afrine Tariff Publishing Co.; Code of Federal Regulations CFR Title 46 available from Superintendent of Documents U.S. Government Printing Office; Dangerous Goods Code available from Intergovernmental Maritime Consultative Organization (IMCO); IATA Restricted Articles Regulations available from International Air Transport Association; Code of Federal Regulations, Transportation. Title 49, parts 100 to 177, pages 75-170 available from Superintendent of Documents U.S. Government Printing Office; "Transportation of Dangerous Goods", Recommendations of the Committee of Experts of the Transport of Dangerous Goods available from Interprova Goods." Recommendations of the Committee of Experts of the Transport of Dangerous Goods available from Internations Publications Polaris des Nations Hazardous Material Contact M AN 1/24 2 700 O The first ten (10) spaces will be the phone number. Do not use hyphens or spaces in the telephone number. Do not precede 10 digit with a 1- (one dash). The shipper must select one of the five numbers below if they are shipping hazardous materials: 7036970218 - Army Operations Center Emergency Action Console, Pentagon; 8008518061 - DoD Hazardous Materials Hotline, Richmond, VA; 8042793131 - Defense Supply Center Fire Dept, Richmond, VA; 8042793131 - Defense Supply Center Fire Dept, Richmond, VA; 8042793131 - Defense Supply Center Fire Dept, Richmond, VA; 8042793131 - Defense Supply Center Fire Dept, Richmond, VA; 8042793131 - Defense Supply Center Fire Dept, Richmon	Use the IMDG number found in Source Code 52. 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SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Railinc/Association of American Railroads; Tariff 6D - Official Regulations on Restricted Articles available from Airline Tariff Publishing Co.; Code of Federal Regulations CFR Title 46 available from Superintendent of Documents U.S. Government Printing Office: Dangerous Goods Code available from Intergovernmental Maritime Consultative Organization (IMCO); IATA Restricted Articles Regulations available from International Air Transport Association; Code of Federal Regulations available from International Air Transport Association; Code of Federal Regulations available from United Organization (IMCO); IATA valiable from Superintendent of Documents U.S. Government Printing Office; "Transportation of Dangerous Goods", Recommendations of the Committee of Experts of the Transport of Dangerous Goods available from United Nations Publications Polaris des Nations Hazardous Material Contact M An N N 1/24 2 700 0 1 Hazardous Material Contact M N N N 1/24 2 700 0 1 The first ten (10) spaces will be the phone number. 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SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Railine/Association of American Railroads; Tariff 60 - Official Regulations on Restricted Articles available from Airline Tariff Publishing Co.; Code of Federal Regulations CFR Title 46 available from Airline Tariff Publishing Co.; Code of Sederal Regulations CFR Title 46 available from Intergovernmental Maritime Consultative Organization (IMCO); IATA Restricted Articles Regulations available from International Air Transport Association; Code of Federal Regulations available from International Air Transport Association; Code of Federal Regulations available from United Nations Publications Polaris des Nations Hazardous Material Contact Hazardous Material Contact Hazardous Material Contact M AN 1/24 2 700 0 1 10 The first ten (10) spaces will be the phone number. Do not use hyphens or spaces in the telephone number. Do not precede 10 digit with a 1- (one dash). 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SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Railinc/Association of American Railroads; Tariff 60 - Official Regulations on Restricted Articles available from Mining Tariff Publishing Co.; Code of Federal Regulations CFR Title 46 available from Superintendent of Documents U. S. Government Printing Office, Pangerous Goods Code available from Intergovernmental Maritime Consultative Organization (IMCO); IATA Restricted Articles 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", Recommendations of the Committee of Experts of the Transport of Dangerous Goods", Recommendations of the Committee of Experts of the Transport of Dangerous Goods available from United Mations Poblarisons Polaris des Nations Hazardous Material Contact M AN 1/24 The first ten (10) spaces will be the phone number. Do not use hyphens or spaces in the telephone number. Do not precede 10 digit with a 1- (one dash). 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SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Railinc/Association of American Railroads: Tariff BD - Official Regulations on Restricted Articles available from Airing Co.; Code of Federal Regulations CFR Title 46 available from Superintendent of Documents U.S. Government Printing Office; Dangerous Goods Code available from Intergovernmental Maritime Consultative Organization (IMCO); IATA Restricted Articles Regulations, Transportation of The Committee of Experts of the Transport of Dangerous Goods. Recommendations of the Committee of Experts of the Transport of Dangerous Goods. Recommendations of the Committee of Experts of the Transport of Dangerous Goods. Recommendations of the Committee of Experts of the Transport of Dangerous Goods. Recommendations of the Committee of Experts of the Transport of Dangerous Goods. Recommendations of the Committee of Experts of the Transport of Dangerous Goods. 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SOURCE: Hazardous Material Code (49 Level) available from STCC/Hazardous Materials Shipping Description Raillino/Association of American Railroads, Tariff 60 - Official Regulations on Restricted Articles available from Martine Tariff Publishing Co.; Code of Federal Regulations or Restricted Articles available from Intergovernmental Martime Consultative Organization (IMO); LATA Restricted Articles Regulations available from Intergovernmental Martime Consultative Organization (IMO); LATA Restricted Articles Regulations available from Intergovernmental Martime Consultative Organization (IMO); LATA Restricted Articles Regulations available from United Nations Publications Polaris des Nations Hazardous Material Cortact The first ten (10) spaces will be the phone number. Do not use hyphens or spaces in the telephone number. Do not precede 10 digit with a 1- (one dash). 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SOURCE: Hazardous Material Code (49 Leve) available from STCC/Hazardous Materials Shipping Description Rallino-Association of American Rallinores 15 comments U.S. Government Printing Office; Dangerous Goods Code available from Intergovernmental Martime Consultative Organization (IMCO); LATA Restricted Articles Regulations available from Intergovernmental American Rallinores (Code) (Federal Regulations Consultative Organization (IMCO); LATA Restricted Articles Regulations available from Intergovernment Printing Office; "Transportation of Dangerous Goods", available from Intergovernment Printing Office; "Transportation of Dangerous Goods", available from United Nations Publications Polaris des Nations Hazardous Material Contact Hazardous Material Contact The first ten (10) spaces will be the phone number. Do not use hyptens or spaces in the telephone number. Do not precede 10 digit with a 1- (one dash). 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DoD INFORMATION							X12	2 SEG	MENT	INFORMA	X1	X12 ELEMENT INFORMATION					
Index	DG	Data Name Notes and Codes	D		ommended butes	Tabl	Pos	Req Des		Lp Rpt	Lp Lvi	Lp ID	Ref Des	DE#		Attr	ibutes
23-09		Packing Group Code ELEMENT CONDITION: When applicable, the Packaging Group Code Canadian Gazette, Part II must be passed to comply with Canadian Transporta Goods (TDG) Regulations." SOURCE: The Canadian Gazette, Part II available from Canadian Gentre Supply and Services Canada	ition of	Danger	ous	2	700	0	1	10	2	H1	H109	254	0	ID	1/3
24		H2 SEGMENT - Hazardous Material Description SEGMENT CONDITION: This segment can be used for placard labe on the outside of the container.	C I inforr	mation to	be placed	2	800	0	10	10	2	H1					
24-01		Hazardous Material Description For Net Explosive Weight enter value 'NEW' in the first three (3) char by Net Explosive Weight in pounds, up to 6 numeric characters, with If using the H2 segment because the data in H104 needs additional segment Net Explosive Weight, enter value 'ZZ' in H201 to satisfy X12 syntax that H202 contains an extension of H104. SOURCE: Hazardous Material Code (49 Level) available from STCC Shipping Description Railinc/Association of American Railroads; Tari Regulations on Restricted Articles available from Airline Tariff Publist of Federal Regulations CFR Title 46 available from Superintendent of Government Printing Office; Dangerous Goods Code available from Maritime Consultative Organization (IMCO); IATA Restricted Articles available from International Air Transport Association; Code of Feder Transportation. Title 49, parts 100 to 177, pages 75-170 available from Documents U.S. Government Printing Office; ""Transportation of Execommendations of the Committee of Experts of the Transport of Davailable from United Nations Publications Polaris des Nations	out de space and to c://Haza ff 6D - hing C ff Docu Intergo Regul ral Regom Sup Danger	and then indicate rdous Ma Official o.; Code uments Lovernmen lations generated out of the code of the	int. e is NO e aterials J.S. ntal elent	2	800	0	10	10	2	Н1	H201	64	M	AN	2/30
24-02		Hazardous Material Classification ELEMENT CONDITION: Information in this element is a continuation	C from	AN H104.	1/30	2	800	0	10	10	2	H1	H202	274	0	AN	1/30
25		V1 SEGMENT - Vessel Identification	М			2				or V102 is a							
25-01		Vessel Code Enter the Vessel Radio Call Sign. If it doesn't have one, enter the Llo SOURCE: Lloyd's Register of Shipping	M oyd's n	ID umber.	1/8	2	900	0	2				V101	597	С	ID	1/8
25-02		Vessel Name SOURCE: Lloyd's Register of Shipping	М	AN	2/28	2	900	0	2				V102	182	С	AN	2/28

DoD INFORMATION							X12	SEG	MENT	NFORM		X1:	2 ELEN	# Attributes O ID 2/3) is registered.					
ndex	DG	Data Name Notes and Codes	D		ommended butes	Tabl	Tabl Pos Req Max Lp Rpt Lp Lvl Lp ID Des Use							DE#		Attr	ibutes		
5-03		Country Code	M	ID	2/3	2	900	0	2				V103	26	0	ID	2/3		
		SOURCE: Code for Representation of Names of Countries, Geo Codes (GENC), is represented in the National System for Geosp GENC Registry and mirrored at http://www.transcom.mil/dteb/file Codes for Representation of Currencies and Funds, ISO 4217, is National Standards Institute.	atial Intellig	ence (NS _CTRY_I	SG) DOD.htm.		V103 i	s the c	code ider	ntifying the	country	in which	the ship (v	essel) is	registe	ered.			
5-04		Commercial Voyage Number	М	AN	2/10	2	900	0	2				V104	55	0	AN	2/30		
		Enter the commercial voyage number.				ĺ													
5-08		Vessel Code Qualifier	С	ID	1/1	2	900	0	2				V108	897	0	ID	1/1		
		C - Ship's Radio Call Signal				İ													
		L - Lloyd's Register of Shipping																	
		Z - Mutually Defined																	
		Use 'Z' to denote Barges or Other Vessels Not Identified by Lloyd	ds.																
6		V9 SEGMENT - Spot Date	С			2	1000	0	10										
		SEGMENT CONDITION: Use when Spot Date applies.				If V906 is present, then V905 is required. If either V910 or V911 is present, then the othe If V913 is present, then V904 is required. If V915 is present, then V909 is required.						he other d.	is required.						
26-01		Event Code	М	ID	3/3	2	1000	0	10				V901	304	М	ID	3/3		
		SPT - Spot Date				İ													
26-03		Date	М	DT	8/8	2	1000	0	10				V903	373	0	DT	8/8		
		Enter the spot date.				İ													
0.10		For the later with the second			4/00	<u> </u>			event dat	e.			1/040	0.4			4/00		
26-12		Free-form Information	С	AN	1/30	2	1000	0	10				V912	61	0	AN	1/30		
\ -		Enter the number of containers to be spotted.					1000		40										
27		V9 SEGMENT - Mileage	C			2	1000		10										
		SEGMENT CONDITION: Use when CONUS (Continental United States) or OCONUS (Outside Continental United States) Mileage applies.							or V91	en V905 is 1 is presen en V904 is en V909 is	nt, then to	he other d.	is required.						
7-01		DTOD Qualifier	М	ID	3/3	2	1000	0	10				V901	304	М	ID	3/3		
		ZZZ - Mutually Defined				j													
		Use 'ZZZ' to denote Defense Table of Official Distances (DTOD).																	
27-02		Mileage Qualifier	М	AN	2/2	2	1000	0	10				V902	106	0	AN	1/25		
. 02		Enter value 'SD' to denote CONUS Mileage or '1B' to denote OC		ane		i													

17 of 18

DoD INFORMATION							X12	SEGI	MENT I	NFORMA	X1:	X12 ELEMENT INFORMATION					
Index	DG	Data Name Notes and Codes	D		ommended ibutes	Tabl	Pos Req Max Lp Rpt Lp Lvl Lp ID Des Use					Lp ID	Ref Des	DE#	DE#		ibutes
27-12		Mileage	M	AN	1/30	2	1000	0	10		•		V912	61	0	AN	1/30
		Enter appropriate mileage.				Ì											
28		K1 SEGMENT - Message	С			2	1100	0	20								
		SEGMENT CONDITION: Use to convey Free Form Text Messag	ge as requ	ired.		i											
28-01		Free-form Information	М	AN	1/30	2	1100	0	20				K101	61	М	AN	1/30
28-02		Free-form Information	С	AN	1/30	2	1100	0	20				K102	61	0	AN	1/30
29		SE SEGMENT - Reservation (Booking Request) (Ocean) Trailer	М			3	100	M	1								
							SE is t	he last	segmen	t of each tr	ansactio	n set.					
29-01		Number of Included Segments	М	N0	1/10	3	100	М	1				SE01	96	М	N0	1/10
		Total segments in this transaction set including the ST and SE s	egments.			İ											
29-02		Transaction Set Control Number	М	AN	4/9	3	100	М	1				SE02	329	М	AN	4/9
		This data element ends the transaction set and should match the the ST02 that begins the transaction set.	e number t	hat appe	ears in	Ì											

Section 6.0

APPLICATION CODE LISTS

6.1 09/21/2023

15-01 -- Special Handling Code

```
Data Value - Definition
045 - Advanced Fee
** Use '045' to denote Over Height - Continental Europe.
075 - 75% Ocean Differential - 20 From 40 085 - 85% Inland Differential - 20 From 40
 15 - Speed Restricted to 15 Miles per Hour
 ** Use '15' to denote 100,000 lb Crane Service
 170 - Certificate of Origin
 ** Use '170' to denote Over Height - Iraq.
25 - Speed Restricted to 25 Miles per Hour
 ** Use '25' to denote 200,000 lb Crane Service.
35 - Speed Restricted to 35 Miles per Hour
 ** Use '35' to denote 300,000 lb Crane Service.
510 - Offshore - Alaska/Hawaii Service
 ** Use '510' to denote Over Height - Jordan.
555 - Preparation of Canadian Customs Invoice
 ** Use '555' to denote Agricultural Clearance.
565 - Preparation of Export Entry
 ** Use '565' to denote Over Height - Kuwait.
 A1M - Aggregate 1000
 ** Use 'A1M' to denote Enhanced ITV - GEN II - Door.
 A3M - Aggregate 3000
 ** Use 'Ä3M' to denote Enhanced ITV - GEN II - Port.
 A5M - Aggregate 5000
 * Use 'A5M' to denote Over Height Surcharge - United Arab Emirate.
 AFN - Air Craft Furnished and Not Used
 ** Use 'AFN' to denote Aircraft Handling/Air Terminal Services.
 AGG - Aggregate Tender Discount
 ** Use 'AĞG' to denote Live Load.
 APD - Additional Copy of Shipping Papers for Proof of Delivery
** Use 'APD' to denote Scanning is to describe the action of scanning the cargo as it relates to security procedures. This accessorial also has a price scheme associated with it. DEFINITION UPDATE DM 1212.
 APL - Appliance Servicing
ARG - Rail Armed Guard Service
** Use 'ARG' to denote High Risk Waters Armed Security.
 ARR - Air Ride Tractor Service
 ** Use 'ARR' to denote Port Arbitrary.
AT - Attachment to Move with Car
** Use 'AT' to denote Afghanistan Rail Accessorial.
 AV - Annual Volume
 ** Use 'AV' to denote Tank Container.
BA - Clearinghouse Balance
 ** Use 'BA' to denote Outer Routing Torkham.
BCP - Bypass Consolidation Point
 ** Use 'BCP' to denote Import Border Clearance.
BKA - Bulky Article
 ** Use 'BKA' to denote Unusual Size Differential.
BNS - Bolster Load, Do Not Switch
 ** Use 'BNS' to denote 45 Foot Container Differential.
BU2 - Bunker Adjustment - 20 Foot Container
BU4 - Bunker Adjustment - 40 Foot Container
BUA - Bunker Adjustment
BW - Bill Shipper for Weigh Charge
 ** Use 'BW' to denote Live Unload.
CA2 - Currency Adjustment - 20 Foot Container
 CA4 - Currency Adjustment - 40 Foot Container
CCH - Certification
 * Use 'CCH' to denote Enhanced ITV - GEN I.
CFC - Customs Fees - Container Level
 * Use 'CFC' to denote Cargo Clearance Import.
 CFL - Customs Fees - Lift Level
CGT - Cargo Taxes
  Use 'CGT' to denote Tax Authority Clearance (TA).
CH - Carrier
** Use 'CH' to denote 48 Foot Container Differential.
CLN - Cleaning
 ** Use 'CLN' to denote Rinsing.
CLS - Class Rates Applied
** Use 'CLS' to denote 53 Foot Container Differential.
COR - Certification That the Newsprint Winding Cores Being Returned Empty Were Received Filled by Rail Freight Service
 * Use 'COR' to denote Outer Routing - KUT.
CPC - Copilot Service
 ** Use 'CPC' to denote Expedited Origin Linehaul (up to 199 miles).
CRL - Container Lease
 CTL - Controlled Atmosphere
 CTM - Container Mounting
 ** Use 'CTM' to denote Outer Routing - KKT.
 CTR - Circuitous Routing
  ' Use 'CTR' to denote Outer Routing - Chaman.
```

6.2 09/21/2023

15-01 -- Special Handling Code (CONT)

```
Data Value - Definition
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 Origin.
DM - Domestic
 * Use 'DM' to denote Refrigerated Container Maintenance (With Power).
DNC - Do Not Couple to Other Diaphragmed Cars
 ** Use 'DNC' to denote Daily In-transit Visibility Destination.
DOV - Container Diversion
DPD - Drayage at Port of Debarkation
DPE - Drayage at Port of Embarkation
DR - Drop Yard
 ** Use 'DR' to denote Drop and Pick Up.
DRU - Drumming Service
 ** Use 'DRU' to denote Tarping at Origin.
DSR - Dromedary Service Requested
 ** Use 'DSR' to denote Flatrack Tie-Down
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
EXL - Extra Length Surcharge
 ** Use 'EXL' to denote Container/Trailer Over-length Surcharge.
EXQ - Expedited Service
 ** Use 'EXQ' to denote Expediate Delivery.
EXU - Exclusive Use of Vehicle Damaged
  Use 'EXU' to denote Cargo Handling Import.
EXZ - Expand Remove and Install
 * Use 'EXZ' to denote Cargo Clearance Export.
EZE - Roadway Easy Rates Applied
** Use 'EZE' to denote Enhanced Physical Security.
FAK - Barge Freight All Kinds Service
FB - Tank Container Clean and Empty
FFC - Fuel Filters Furnished by Carrier
** Use 'FFC' to denote Security Convoy.
FLS - Flatrack Surcharge
FR - Fragile - Handle with Care
** Use 'FR' to denote Customs & Border Clearance Authority (CBCA) Handling Aqaba.
GI - Grain Inspection
 ** Use 'GI' to denote Expedited Linehaul to POE.
GMS - Garment Surcharge
GOC - Empty Government Owned Container
GSS - Greater Security Service
HAN - Handling
HE - Head End Car
  * Use 'HE' to denote Hazardous Surcharge Destination.
HMA - Accessible Hazardous Material
  * Use 'HMA' to denote Railcar Inspection.
HO - Hold for Orders
 * Use 'HO' to denote Hazardous Surcharge Origin.
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.
JLX - Joint Line Exception
  Use 'JLX' to denote ACR 40FT DRY (BAGRAM).
KMD - Keep Material Dry
 ** Use 'KMD' to denote Dry Container Trucking.
LC2 - Land Currency Adjustment Factor - 20 Foot Container
 * Use 'LC2' to denote Interior Washing - Interior washing for vehicles on flat racks.
LC4 - Land Currency Adjustment - 40 Foot Container

** Use 'LC4' to denote Outer Routing on KKT-TSR - Northern Distribution Network (NDN)
routing. LCL - Percent Differential - Less Than Container
LD - Loading Devices
 ** Use 'LD' to denote Transloading/Material Handling Equipment (MHE) Support.
LEC - Less Than Container
LFD - Linehaul from Port of Debarkation
LMD - Liner Terms at Port of Debarkation
LME - Liner Terms at Port of Embarkation
LPD - Linehaul Percent Differential
LTE - Linehaul To Port of Embarkation
MAT - Modified Atmosphere
```

6.3 09/21/2023

15-01 -- Special Handling Code (CONT)

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

Use 'VCL' to denote Wash-Clean-Purge-Certified

6.4 09/21/2023

15-01 -- Special Handling Code (CONT)

Data Value - Definition

VIS - Vehicles Inoperable

VSO - Stop-off Delivery of Personal Vehicles

VSO - Stop-off Delivery of Personal Vehicles
** Use 'VSO' to denote Veterinarian Inspectable.
WBB - Wharfage - Breakbulk
WCT - Wharfage - Container
WFG - Wharfage
WRB - War Risk Crew Bonus
WRI - War Risk Insurance

XP - Export

** Use 'XP' to denote An Accessorial Export Border Clearance Service will be Applied for Break Bulk and Container Cargo Originating from Afghanistan to Pakistan for Export via Karachi, Pakistan.

ZZZ - Mutually Defined

** Use 'ZZZ' to denote Customs Services-Cargo Clearance.

6.5 09/21/2023

Data Value - Definition AC - Closed Container AC - Closed Container (Controlled Temperature) BC - Covered Baye BK - Container, Bulk BO - Barge (Container, Bulk BO - Barge (Container, Tank (Gas) CC - Container, Tank (Gas) CC - Container, Insulated CC - CC - Container, Insulated CC - Container, Insulated CC - Container, Insulated CC - Container, Insulated CC - Container, Insulated CC - Container, Insulated CC - CC - CC - CC - CC - CC - CC - CC	17-11 Equipment Description Code	
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) CJ - Container, Insulied Wentlated CJ - Container, Insulied Wentlated CJ - Container, Tank (Gas) CJ - Container, Tank (Food Grade-Liquid) CJ - Container, Open-Sided CN - Container, Open-Sided CN - Container, Container CD - Container, Tank (Food Grade-Liquid) CS - Container, Tank (Food Grade-Liquid) CS - Container, Tank (Food Grade-Liquid) CS - Container, Tank (Food Grade-Liquid) CS - Container, Tank (Con	Data Value - Definition	
BC - Covered Barge BK - Container, Bulk BO - Barge Open CC - Container, Insulated CC - Container, Insulated Ventilated CL - Container, Insulated Ventilated CL - Container, Insulated Ventilated CL - Container, Insulated Ventilated CL - Container, Insulated Ventilated CL - Container, Closed Top - Length Unspecified) CM - Container, Tank (Food Grade-Liquid) CC - Container, Tank (Food Grade-Liquid) CC - Container, Tank (Food Grade-Liquid) CC - Container, Tank (Chemicals) CC - Container, Tank (Chemicals) CC - Container, Tank (Chemicals) CC - Container, Tank CC - Refrigerated Container DT - Drop Back Trailer FH - Flat Bed Trailer with Netheadboards FF - Flat Bed Trailer with Netheadboards FF - Flat Bed Trailer with Hanger Bars HV - High Cube Van UN - Container with Hanger Bars HV - High Cube Van UN - Container with Hanger Bars HV - High Cube Van UN - Container with Hanger Bars HV - High Cube Van UN - Doppen Top Van PL - Container, Platform RA - Flate Bed Trailer RA - Flate Bed Trailer RA - Flater Bed Trailer RA - Flater Bed Trailer RA - Flater Bed Trailer RA - Flater Bed Trailer RA - Flater Bed Trailer RA - Rail Car RA - Flater Bed Trailer RA - Rail Car RA - Flater Bed Trailer RA - Rail Car RA - Flater Bed Trailer RA - Rail Car RA - Flater Bed Trailer RA - Rail Car RA - Flater Bed Trailer RA - Rail Car RA - Flater Bed Trailer RA - Flater Bed Trailer RA - Flater Bed Trailer RA - Rail Car RA - Flater Bed Trailer RA - Rail Car RA - Flater Bed Trailer RA -		
BK - Container, Bulk BO - Barge Open BR - Barge CC - Container resting on a Chassis CG - Container, Tank (Gas) CI - Container, Insulated CJ - Container, Insulated CJ - Container, Insulated CJ - Container, Insulated CJ - Container, Open-Sided CM - Container, Open-S		
Bo - Barge Open BR - Barge CC - Container ratin (Gas) C1 - Container, Tank (Gas) C1 - Container, Insulated C1 - Container, Insulated C1 - Container, Open-Sided C1 - Container, Open-Sided C1 - Container, Open-Sided CN - Container, Open-Sided CN - Container, Open-Sided CN - Container, Open-Sided CN - Container, Tank (Food Grade-Liquid) CC - Container, Tank (Food Grade-Liquid) CC - Container, Tank (Chemicals) CC - Container, Tank (Chemicals) CC - Container, Tank (Chemicals) CC - Container, Tank (Chemicals) CC - Container, Tank (Chemicals) CC - Refrigerated Container D1 - Drop Back Trailer FH - Flat Bed Trailer with No Headboards FR - Flat Bed Trailer with No Headboards FR - Flat Bed Trailer with No Headboards FR - Flat Bed Trailer with No Headboards FR - Flat Bed Trailer with Hangar Bars HV - High Cube Van UX - Boxcar (Insulated) UX - Bo		
BR - Barge CC - Container resting on a Chassis CG - Container, Tank (Gas) CI - Container, Insulated CJ - Container, Insulated CJ - Container (Closed Top - Length Unspecified) CC - Container (Closed Top - Length Unspecified) CM - Container, Open-Sided CM - Container CO - Container, Container, Open-Sided CM - Container CM - Container CM - Container CM - Container CM - Container CM - Container CM - Container CM - Container CM - Container CM - Container CM - COntainer CM - CONTAINER CM - CM - CM - CM - CM - CM - CM - CM		
CG - Container, Tank (Gas) CI - Container, Insulated CJ - Container, Insulated CJ - Container (Closed Top - Length Unspecified) CM - Container, Open-Sided CN - Container CO - Container (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 (Chemicals) CX - Container, Tank CZ - Refrigerated Container DT - Drop Back Trailer FH - Flat Bed Trailer with Headboards FF - Flat Bed Trailer - Removable Sides FF - Flat Bed Trailer - Removable Sides FF - 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 CV - Open-top/flatbed trailer CV - Open-top Van P - L - Container, Platform RA - Fixed-Rack, Flat-Bed Trailer RC - Refrigerated (Refer) Car RR - Fixed Rack, Double Drop Trailer RF - Flat Car RF - Flat		
CG - Container, Tank (Gas) CI - Container, Insulated CJ - Container, Insulated CJ - Container (Closed Top - Length Unspecified) CM - Container, Open-Sided CN - Container CO - Container (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 (Chemicals) CX - Container, Tank CZ - Refrigerated Container DT - Drop Back Trailer FH - Flat Bed Trailer with Headboards FF - Flat Bed Trailer - Removable Sides FF - Flat Bed Trailer - Removable Sides FF - 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 CV - Open-top/flatbed trailer CV - Open-top Van P - L - Container, Platform RA - Fixed-Rack, Flat-Bed Trailer RC - Refrigerated (Refer) Car RR - Fixed Rack, Double Drop Trailer RF - Flat Car RF - Flat	CC - Container resting on a Chassis	
CJ - Container, Insulated/Ventilated CL - Container (Closed Top - Length Unspecified) CM - Container (Closed Top - Length Unspecified) CO - Container (Container - Container -	CG - Container, Tank (Gas)	
CL - Container (Closed Top - Length Unspecified) CM - Container, Open-Sided CN - Container, Tank (Food Grade-Liquid) CS - Container, Tank (Food Grade-Liquid) CS - Container, Tank (Food Grade-Liquid) CS - Container, Tank (Chemicals) CV - Colosed Van CW - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank CY - Container, Tank CY - Container, Tank CY - Container, Tank CY - Tank CY - Container, Tank CY - Container, Tank CY - Container, Tank CY - Container, Tank CY - Container, Cy - Container CY - Copen Top Van CY - Copen Top Van CY - Copen Top Van CY - Copen Top Van CY - Fixed-Rack, Flait-Bed Trailer CY - Fixed-Rack, Couble Drop Trailer CY - Fixed-Rack, Couble Drop Trailer CY - Fixed-Rack, Single-Drop Trailer CY - Container, Steel CY - COntainer, Steel CY - COntainer, Steel CY - COntainer, Steel CY - COntainer, Steel CY - COntainer, Steel CY - COntaine		
CM - Container, Cpen-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 (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Refrigerated Container DT - Drop Back Trailer DT - Drop Back Trailer H - Flat Bed Trailer with No Headboards FN - Flat Bed Trailer with No Headboards FN - Flat Bed Trailer with No Headboards FT - Flat Bed Trailer - Removable Sides FT - Flat Bed Trailer HB - Container with Hangar Bars HV - High Cube Van X - 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 (Reefen) Car RD - Fixed-Rack, Flat-Bed Trailer RC - Refrigerated (Reefen) Car RD - Fixed-Rack, Single-Drop Trailer RT - Controlled Temperature Trailer (Reefer) SD - Single-Drop Trailer RT - Controlled Temperature Trailer (Reefer) SD - Single-Drop Trailer TI - Trailer, Insulated (Ventilated TL - Trailer, Insulated (Ventilated TL - Trailer, Insulated (Ventilated TL - Trailer, Insulated (Ventilated TL - Trailer, Insulated (Ventilated TL - Trailer, Insulated (Ventilated TL - Trailer, Refrigerated		
CN - Container CQ - Container, Tank (Food Grade-Liquid) CS - Container, Tank (Food Grade-Liquid) CS - Container, Tank (Chemicals) CV - Colosed Van CW - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank CZ - Refrigerated Container DT - Drop Back Trailer H - Flat Bad Trailer with No Headboards FN - Flat Bad Trailer with No Headboards FN - Flat Bad Trailer with No Headboards FT - Flat Bad Trailer - Removable Sides FT - Flat Bad Trailer with Hangar Bars HW - High Cube Van X - Boxcar (Insulated) FT - Flat Bad Trailer FT - Container with Hangar Bars HW - High Cube Van X - Boxcar (Insulated) CV - Open Top Van PL - Container, Platform FT - Flat Car (End Bulkheads) FT - Flat Car (End Bulkhead		
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 (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank CX - Container, Tank CX - Container, Tank CX - Chemicals CX - Container, Tank CX - Chemicals CX - Ch		
CS - Container-Low Side Open Top CU - Container (Open Top - Length Unspecified) CV - Container (Open Top - Length Unspecified) CV - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank CZ - Refrigerated Container DI - Drop Back Trailer HI - Flat Bed Trailer with Headboards FH - Flat Bed Trailer with Headboards FR - 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 - 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, Duble Drop Trailer RF - Flat Car RR - Rail Car RS - Flat Car RS - Rail Car RS - Fixed-Rack, Single-Drop Trailer RT - Controlled Temperature Trailer (Reefer) SD - Single-Drop Trailer LC - Container, Steel SS - Container with Smooth Sides ST - Removable Side Trailer TA - Trailer, Insulated TI - Trailer, Insulated TI - Trailer, Insulated TI - Trailer, Insulated TI - Trailer, Insulated TI - Trailer, Insulated TI - Trailer, Insulated TI - Trailer, Refrigerated		
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CV - Container, Tank (Chemicals) CX - Container, Tank (Chemicals) CX - Container, Tank CZ - Refrigerated Container DT - Drop Back Trailer DT - Drop Back Trailer with Headboards FH - Flat Bed Trailer with No Headboards FR - Flat Bed Trailer with No Headboards FR - Flat Bed Trailer - Removable Sides FT - Flat Bed Trailer - Removable Sides FT - Flat Bed Trailer - Removable Sides FT - Flat Bed Trailer - Removable Sides FR - Flat Bed Trailer - Removable Sides FR - Flat Bed Trailer HB - Container with Hangar Bars HV - High Cube Van IX - Boxcar (Insulated) IX - Boxcar (Insulated) IX - Boxcar (Insulated) IX - Boxcar (Insulated) IX - 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 RF - Flat Car RF - Flat Car RF - Flat Car RF - Flat Car RF - Rail Car RS - Fixed-Rack, Single-Drop Trailer RT - Controlled Temperature Trailer (Reefer) SD - Single-Drop Trailer SL - Container, Steel SS - Container, Steel SS - Container, Steel SS - Container with Smooth Sides ST - Removable Side Trailer TA - Trailer, Heated/Insulated/Ventilated TC - Trailer, Car TF - Trailer, Insulated TI - Trailer, Insulated TI - Trailer, Insulated TI - Trailer, Insulated TI - Trailer, Insulated TI - Trailer, Insulated TI - Trailer, Insulated TI - Trailer, Refrigerated		
CW - Container, Tank (Chemicals) CX - Container, Tank CZ - Refrigerated Container DT - Drop Back Trailer H - Flat Bed Trailer with Headboards FN - Flat Bed Trailer with No Headboards FN - Flat Bed Trailer with No Headboards FT - Flat Bed Trailer with No Headboards FT - Flat Bed Trailer and Frailer with No Headboards FT - Flat Bed Trailer HB - Container with Hangar Bars HV - High Cube Van LS - Half Height Flat Rack OT - Open-top/flatbed trailer OV - Open Top Van PL - Container, Platform A - Fixed-Rack, Flat-Bed Trailer RC - Refrigerated (Reefer) Car RC - Refrigerated (Reefer) Car RC - 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 TT - Trailer, Insulated TT - Trailer, Insulated TT - Trailer, Insulated TT - Trailer, Insulated TT - Trailer, Insulated TT - Trailer, Insulated TT - Trailer, Insulated TT - Trailer, Insulated TT - Trailer, Insulated TT - Trailer, Insulated TT - Trailer, Insulated TT - Trailer, Insulated TT - Trailer, Insulated TT - Trailer, Insulated TT - Trailer, Insulated TT - Trailer, Refrigerated		
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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		
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		
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		
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		
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TC - Trailer, Car TF - Trailer, Dry Freight TI - Trailer, Insulated TL - Trailer (not otherwise specified) TM - Trailer, Insulated/Ventilated TW - Trailer, Refrigerated		
TF - Trailer, Dry Freight TI - Trailer, Insulated TL - Trailer (not otherwise specified) TM - Trailer, Insulated/Ventilated TW - Trailer, Refrigerated		
TL - Trailer (not otherwise specified) TM - Trailer, Insulated/Ventilated TW - Trailer, Refrigerated		
TM - Trailer, Insulated/Ventilated TW - Trailer, Refrigerated	TI - Trailer, Insulated	
TW - Trailer, Refrigerated		
VA - Container, Vented		
1	VA - Container, Vented	

09/21/2023 6.6

19-05 -- Packaging Code

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

6.7