Department
of
Defense

DoD Transportation Electronic Business (DTEB) Convention

ASC X12 Transaction Set 858
Shipment Information
(Version 004010) – Truck-Water-Air Manifest

VERSION 7

January 2023

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of
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CONTENTS

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Section 1.0

INTRODUCTION

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

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

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

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

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

Who Needs to Use This Document

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

Why Use a Convention

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

Contents

Additional sections are included in this document.

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

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

- Section 4.0, IC Element Matrix, identifies the application data elements trading partners need to exchange. This section can be used to map an existing application database into the transaction set.

- Section 5.0 , when present, contains an example of the EDI transactions.

- Section 6.0, Application Code Lists, when present, identifies the DoD codes that trading partners need to exchange. This section augments the matrix presented in Section 4.0.

- Other sections contain examples of hard copy documents, examples of EDI transaction sets, segment looping logic tables, and other items that serve as references for software developers.

What's New In Version 7

1.3

Added in Version 7

DM Number	DM Description	Approval Date

| 1335 | In the MEA03, Measurement Value, DE 739, index 178-03, change the definition from "Enter NEW in pounds" to "Net Explosive Weight - If Net Explosive Weight is available for an individual line item, carry that weight in this data element. Entry may contain a decimal; if not, decimal is assumed at right-most point of the field." | 1/05/2023 |

Make the MEA04, Composite Unit of Measure, mandatory when the MEA01 = NX.

Add two codes to the C00101, DE 355, Unit or Basis for Measurement Code.

KG – Kilogram

LB – Pound

Added in Version 6
DM Number   DM Description

Approval Date

1332	In the FA201, Breakdown Structure Detail Code, DE 1196, add the following code values:

8/31/2022

89, [Migration code – Version 004020] modifying the definition from 'Budget Line Item Identification' to 'Budget Line Item'

90, [Migration code – Version 004020] modifying the definition from 'Project/task' to 'Project Identifier'

AI, [Migration code – Version 007020] 'Activity Identifier'

BE, [Migration code – Version 007020] 'Business Event Type Code'

C3, modifying the definition from 'Budget Restriction' to 'Availability Type'

CC, [Migration code – Version 007020] 'Cost Center Identifier'

FA, [Migration code – Version 007020] 'Functional Area'

FC, [Migration code – Version 007020] 'Funding Center Identifier'

FT, [Migration code – Version 004030] 'Funding Type'

H1, modifying the definition from 'Cost Code' to 'Cost Element Code'

IA, [Migration code – Version 007020] 'Security Cooperation Implementing Agency Code'

P1, Modifying the definition from 'Disbursing Station Number' to 'Agency Disbursing Identifier Code'

S1, [Migration code – Version 007020] modifying the definition from 'Security Cooperation Customer Code' to 'Security Cooperation'

S2, [Migration code – Version 007020] modifying the definition from 'Security Cooperation Case Designator' to 'Security Cooperation'

WO, [Migration code – Version 007020] 'Work Order Number'

YB, [Migration code – Version 007020] 'Beginning Period of Availability Fiscal Year Date'

YE, [Migration code – Version 007020] 'Ending Period of Availability Fiscal Year Date'

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

A1, modify the definition from 'Department Indicator' to 'Department Regular'

A2, modify the definition from 'Transfer From Department' to 'Department Transfer'

A4, modify the definition from 'Basic Symbol Number' to 'Main Account'

A6, modify the definition from 'Sub-Account Symbol' to 'Sub Account'

B2, modify the definition from 'Budget Sub-activity Number' to 'Sub-Allocation'

L1, modify the definition from 'Accounting Installation Number' to 'Agency Accounting Identifier'

Added in Version 5

DM Number	DM Description	Approval Date
1248	In the 858B at indices 141-02 and 178-02 - Type of Personal Property Shipment Codes, remove the code list and add user note that reads: "Select the applicable Personal Property Shipment Code from the TRANSCOM Reference Data Management table Personal Property Shipment-Unit TCN Type Code (D_PRSNL_PRPRTY_S2_CD), mirrored at http://www.ustranscom.mil/cmd/associated/dteb/files/refdata/V_D_PRSNL_PRPRTY_S2_CD.htm" In the 858M at indices 180-02 and 219-02 - Type of Personal Property Shipment Codes, remove the existing user note and replace with user note that reads: "Select the applicable Personal Property Shipment Code from the TRANSCOM Reference Data Management table Personal-Property-Shipment_Unit TCN Type Code Domain (D_PRSNL_PRPRTY_S2_CD), mirrored at http://www.ustranscom.mil/cmd/associated/dteb/files/refdata/V_D_PRSNL_PRPRTY_S2_CD.htm"	1/17/2017

Added in Version 4

DM Number	DM Description	Approval Date
1213	In the NTE segment at index [53] in data group 9900 add new NTE01, DE 363 as mandatory. Add the following X12 code and DOD definition: Code == X12 Def == DOD Def ADD == Additional Information == Additional Information	11/20/2015
1211	In the NTE segment at index [40] in data group 9800 add new NTE01, DE 363 as mandatory. Add the following X12 code and DOD definition: Code == X12 Def == DOD Def AAA == Agent Details == Onward Mode/Method Code	11/20/2015
1210	In the L007, DE 184, in the 9801 DG at index 233-07, change the Cube Qualifier from 'N - Cubic Inches' to 'E - Cubic Feet' for the Total Cube of 463L Pallet Load.	11/20/2015

Added in Version 3

DM Number	DM Description	Approval Date
1135	At index 113-09, L009 - Type Pack Code change D0D Recommended Attributes from 'C' (conditional) to 'M' (mandatroy). Remove ELEMENT CONDITION note that reads: 'DO NOT USE FOR AIR MANIFESTS'. Add code value 'PCK - Packed - not otherwise specified'. Add element usage note that reads: 'For air manifest only, use code 'PCK' to meet X12 syntax compliance requirements'.	7/8/2014

Added in Version 2

DM Number	DM Description	Approval Date
1022	At index 98-01, N901, Consignee Distribution (CDIST) Code Qualifier, replace code value 'QN - Stop Sequence Number' with code value '6A - Consignee Reference Number' with DOD definition "Use '6A' to denote Consignee Distribution (CDIST) Code Qualifier".	8/1/2011

Added in Version 1

DM Number	DM Description	Approval Date
1017	In the H302 (DE153) at indices 71-02, 104-02 and 132-02 modify the usage note to read: "Code list includes supply Special Requirements Code values '444', '555', '777', '999', 'Exx', 'Nxx', 'Sxx' and 'Xxx'. (As a measure of consistency between this 858B IC and the 856A IC enter triple-position codes 'Exx', 'Nxx', 'Sxx' and 'Xxx' where the first byte is literial and the 'xx' represent any valid alpha-numeric value that completes the code as defined by the Supply Community).	6/10/2011
1005	At index 31-03, change N903 data element "Aircraft Tail Number" size data attribute from 4/4 to 5/6.	3/24/2011

Section 2.0

CONTROL SEGMENTS

Instruction

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

https://its.ustranscom.mil/cris/dteb/index.cfm

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

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

http://www.transcom.mil/cmd/associated/dteb/

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Section 3.0

STANDARD IMPLEMENTATION CONVENTION

This section presents the DoD's convention for interpreting the Truck-Water-Air Manifest using the ASC X12.18 Transaction Set 858 Shipment Information Version 004010.

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

> [*blank*] - Segment or data element may be used optionally
>
> M - X12 standards designate mandatory use of segment or data element
>
> >> - Segment or data element is mandatory for DTEB use
>
> X - Segment or data element is not used.

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

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858 Shipment Information

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Shipment Information Transaction Set (858) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the sender with the capability to transmit detailed bill-of-lading, rating, and/or scheduling information pertinent to a shipment.   This transaction set can also be used to exchange Government Bills of Lading (GBLs), Commercial Bills of Lading (CBLs), Transportation Control and Movement Documents (TCMDs), and Personal Property Government Bills of Lading (PPGBLs). It may be used by the U.S. Civilian Government, U.S. Department of Defense, and any of their trading partners to exchange information about the shipment of freight, household goods, and passengers. This transaction set fulfills information requirements established by U.S. Government transportation movement rules and regulations.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
Not Used	020	ZC1	Beginning Segment for Data Correction or Change	O	1		
M	030	BX	General Shipment Information	M	1		n1
Not Used	040	BNX	Rail Shipment Information	O	1		
Not Used	050	M3	Release	O	1		
	060	N9	Reference Identification	O	30		
	065	CM	Cargo Manifest	O	3		
Not Used	070	Y6	Authentication	O	4		
Not Used	080	Y7	Priority	O	1		
Not Used	090	C3	Currency	O	1		
Not Used	100	ITD	Terms of Sale/Deferred Terms of Sale	O	1		
	110	G62	Date/Time	O	10		
	120	PER	Administrative Communications Contact	O	3		
Not Used	130	NA	Cross-Reference Equipment	O	999		
Not Used	140	F9	Origin Station	O	1		
Not Used	150	D9	Destination Station	O	1		
Not Used	160	R1	Route Information (Air)	O	1		
Not Used	170	R2	Route Information	O	13		
Not Used	175	R3	Route Information - Motor	O	13		
	180	R4	Port or Terminal	O	5		
Not Used	190	MEA	Measurements	O	10		
	200	H3	Special Handling Instructions	O	20		
Not Used	201	PS	Protective Service Instructions	O	5		
Not Used	210	H6	Special Services	O	6		
Not Used	211	V4	Cargo Location Reference	O	1		
	212	V5	Vessel Code	O	1		
			LOOP ID - E1			2	
Not Used	220	E1	Empty Car Disposition - Pended Destination Consignee	O	1		
Not Used	230	E4	Empty Car Disposition - Pended Destination City	O	1		
Not Used	240	E5	Empty Car Disposition - Pended Destination Route	O	13		

Not Used	245	PI	Price Authority Identification	O	1	
Not Used	250	M1	Insurance	O	1	
Not Used	260	M2	Sales/Delivery Terms	O	1	
Not Used	270	L7	Tariff Reference	O	30	
	280	NTE	Note/Special Instruction	O	50	
Not Used	290	XH	Pro Forma - B13 Information	O	1	
			LOOP ID - N7			600
	330	N7	Equipment Details	O	1	
Not Used	331	EM	Equipment Characteristics	O	1	
	335	NA	Cross-Reference Equipment	O	30	
	340	M7	Seal Numbers	O	5	
Not Used	350	N5	Equipment Ordered	O	1	
Not Used	360	REF	Reference Identification	O	5	
Not Used	370	IC	Intermodal Chassis Equipment	O	1	
Not Used	375	VC	Motor Vehicle Control	O	21	
Not Used	380	GA	Canadian Grain Information	O	15	
			LOOP ID - E1			2
Not Used	381	E1	Empty Car Disposition - Pended Destination Consignee	O	1	
Not Used	382	E4	Empty Car Disposition - Pended Destination City	O	1	
Not Used	383	E5	Empty Car Disposition - Pended Destination Route	O	13	
Not Used	384	PI	Price Authority Identification	O	1	
			LOOP ID - N1			12
	390	N1	Name	O	1	
	400	N2	Additional Name Information	O	2	
	410	N3	Address Information	O	2	
	420	N4	Geographic Location	O	1	
Not Used	430	REF	Reference Identification	O	12	
	440	PER	Administrative Communications Contact	O	3	
Not Used	445	H3	Special Handling Instructions	O	5	
			LOOP ID - S5			999
Not Used	450	S5	Stop-off Details	O	1	
Not Used	460	G62	Date/Time	O	6	
Not Used	470	N9	Reference Identification	O	10	
Not Used	480	H6	Special Services	O	6	
			LOOP ID - N1			5
Not Used	490	N1	Name	O	1	
Not Used	500	N2	Additional Name Information	O	2	
Not Used	510	N3	Address Information	O	2	
Not Used	520	N4	Geographic Location	O	1	
Not Used	530	REF	Reference Identification	O	12	
Not Used	540	PER	Administrative Communications Contact	O	3	
			LOOP ID - FA1			>1
Not Used	550	FA1	Type of Financial Accounting Data	O	1	
Not Used	560	FA2	Accounting Data	M	>1	
Not Used	570	L10	Weight	O	1	

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			>1	
M	010	HL	Hierarchical Level	M	1		
Must Use	020	N7	Equipment Details	O	1		
Not Used	030	NA	Cross-Reference Equipment	O	1		
	040	M7	Seal Numbers	O	5		
	050	N5	Equipment Ordered	O	1		
Must Use	060	REF	Reference Identification	O	5		
Not Used	070	IC	Intermodal Chassis Equipment	O	1		
	080	VC	Motor Vehicle Control	O	24		
	090	L7	Tariff Reference	O	10		
Not Used	095	SL1	Tariff Reference	O	1		
Must Use	100	N9	Reference Identification	O	10		
	105	H3	Special Handling Instructions	O	1		
Not Used	110	X1	Export License	O	6		
Not Used	120	X2	Import License	O	1		
	130	L5	Description, Marks and Numbers	O	10		
Not Used	131	PER	Administrative Communications Contact	O	5		
Not Used	132	LH2	Hazardous Classification Information	O	6		
Not Used	133	LHR	Hazardous Material Identifying Reference Numbers	O	1		
Not Used	134	LH6	Hazardous Certification	O	5		
	137	Y7	Priority	O	2		
	138	G62	Date/Time	O	10		
Must Use	140	NTE	Note/Special Instruction	O	100		
Not Used	142	LP	Load Planning	O	1		
Not Used	143	AXL	Vehicle Axle Measurements	O	12		
			LOOP ID - L0			20	
Must Use	145	L0	Line Item - Quantity and Weight	O	1		
Not Used	150	L1	Rate and Charges	O	20		
Must Use	160	MEA	Measurements	O	10		
			LOOP ID - LH1			100	
	170	LH1	Hazardous Identification Information	O	1		
	180	LH2	Hazardous Classification Information	O	4		n2
	190	LH3	Hazardous Material Shipping Name	O	12		
	191	LFH	Freeform Hazardous Material Information	O	20		
Not Used	192	LEP	EPA Required Data	O	3		
Not Used	200	LH4	Canadian Dangerous Requirements	O	1		
Not Used	201	LHT	Transborder Hazardous Requirements	O	3		
	210	LHR	Hazardous Material Identifying Reference Numbers	O	10		n3
Not Used	215	PER	Administrative Communications Contact	O	5		
Not Used	220	LHE	Empty Equipment Hazardous Material Information	O	1		n4
			LOOP ID - FA1			>1	
	230	FA1	Type of Financial Accounting Data	O	1		
M	240	FA2	Accounting Data	M	>1		
Not Used	250	L10	Weight	O	1		
			LOOP ID - NM1			4	
			Individual or Organizational Name	O	1		
Must Use	260	NM1					

	270	N3	Address Information	O	2	
Not Used	280	N4	Geographic Location	O	1	
			LOOP ID - N1			4
Must Use	290	N1	Name	O	1	
Not Used	300	N2	Additional Name Information	O	2	
Not Used	310	N3	Address Information	O	2	
Not Used	320	N4	Geographic Location	O	1	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	L3	Total Weight and Charges	O	1		
M	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. BX05 contains the Standard Carrier Alpha Code (SCAC) of the original roadhaul carrier receiving the shipment.
2. If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.
3. All receivers of the EDI transactions covering empty tank cars which last contained hazardous commodities must be able to add the constant words: RESIDUE: LAST CONTAINED ahead of the contents of LHE01 and add the constant: RESIDUE following the contents of the LHE02 when printing paper documents.
4. When used in the hazardous material loop, the segment will identify the various certification, exemption or shipper-related numbers that relate to the specific line item of the shipment that are in addition to the UN/UA number reference in the LH1 segment.

Segment:	**ST** Transaction Set Header
Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:	
Notes:	[1] ST SEGMENT - Truck/Water/Air Manifest Header (DG 10)

[1] ST SEGMENT - Truck/Water/Air Manifest Header (DG 10)
This implementation convention (IC) replaces three approved Defense Transportation Electronic Business (DTEB) conventions:
858M - Truck Manifest,
858MA - Air Manifest,
and 858MW - Water Manifest.
Employing the X12 858 Shipping Information Transaction Set, this IC provides a consolidated format for exchanging truck, air, and water manifest documents electronically.

Table 1 data applies as follows:
Use DataGroup 10 segments and data elements for all three applications.
Use DataGroup 9700 segments and data elements only for truck manifest data.
Use DataGroup 9800 segments and data elements only for air manifest data.
Use DataGroup 9900 segments and data elements only for water manifest data.

Table 2 data applies to all three applications as follows:
Populate segments and data elements as indicated by DoD usage attributes and as instructed by user notes.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			[1-01] Transaction Set Identifier Code (DG 10)	
		858	Shipment Information	
			[1-01] Shipment Information	
M	ST02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

[1-02] Transaction Set Control Number (DG 10)
Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set. The application and structure of the control number must be agreed upon between trading partners. (For example, some applications use all nine digits where the first five might indicate a group control number and the last four represent the sequence of the transaction set within the functional group. Also, the entire nine digit field may simply represent the sequence of the transaction set generated by a trading partner.)

	Segment:	**BX** General Shipment Information
	Position:	030
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To transmit identification numbers and other basic shipment data
	Syntax Notes:	
	Semantic Notes:	
	Comments:	
	Notes:	[2] BX SEGMENT - Truck/Water/Air Manifest Information (DG 10)

For water manifest dunnage/lashing instructions or for supercargo passenger details, use the NTE segment - General Miscellaneous and Pertinent Information. (Table 2 Postion 140 for DataGroup 9013).

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**BX01**	**353**	**Transaction Set Purpose Code**		**M** **ID 2/2**

Code identifying purpose of transaction set

[2-01] Transaction Set Purpose Code (DG 10)

00	Original	
	[2-01] Original	
01	Cancellation	
	[2-01] Cancellation Use '01' to denote Original Manifest is Cancelled (all related information is to be deleted) See DTR, Chapter 203	
03	Delete	
	[2-01] Delete	
04	Change	
	[2-01] Change	
48	Suspended	
	[2-01] Suspended Use '48' to denote Mission is aborted (Air Manfests Only)	

	Ref. Des.	Data Element	Name	Attributes
M	**BX02**	**91**	**Transportation Method/Type Code**	**M** **ID 1/2**

Code specifying the method or type of transportation for the shipment

[2-02] Transportation Method Code (X12 Mode Code) (DG 10)
Do not use DTR Mode/Method code.
CHANGE NOTE: DoD definition for code value 'J' changed per DM 753.

A	Air
	[2-02] Air Use 'A' to denote Air Manifest
J	Motor
	[2-02] Motor Use 'J' to denote Motor, Full Truckload
S	Ocean
	[2-02] Ocean Use 'S' to denote Water Manifest

	Ref. Des.	Data Element	Name	Attributes
M	**BX03**	**146**	**Shipment Method of Payment**	**M** **ID 2/2**

Code identifying payment terms for transportation charges

[2-03] X12 Mandatory Element (DG 10)
Enter code value 'PA' to satisfy X12 syntax.

PA	Advance Prepaid
	[2-03] Advance Prepaid

| | **BX04** | **145** | **Shipment Identification Number** | **O** | **AN 1/30** |
| | | | Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters) | | |

	[2-04] Motor Manifest ID Number (DG 9700) Enter a unique Motor Manifest ID Number. ELEMENT CONDITION: Required and used for truck manifest only.

| | **BX05** | **140** | **Standard Carrier Alpha Code** | **O** | **ID 2/4** |
| | | | Standard Carrier Alpha Code | | |

	[2-05] Standard Carrier Alpha Code (DG 9700) Insert SCAC if available. ELEMENT CONDITION: Used for truck manifest only SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.

X	**BX06**	**188**	**Weight Unit Code**	**O**	**ID 1/1**
			Code specifying the weight unit		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**BX07**	**147**	**Shipment Qualifier**	**O**	**ID 1/1**
			Code defining relationship of this shipment with respect to other shipments given to the carrier at the same time		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**BX08**	**226**	**Section Seven Code**	**O**	**ID 1/1**
			Code indicating applicability of section seven option (if not transmitted assume not in effect)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**BX09**	**195**	**Capacity Load Code**	**O**	**ID 1/1**
			Code specifying type of capacity load		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**BX10**	**160**	**Status Report Request Code**	**O**	**ID 1/1**
			Code used by the shipper to specify that an automatic status report is requested when the shipment is delivered		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**BX11**	**501**	**Customs Documentation Handling Code**	**O**	**ID 2/2**
			Code defining method of handling for documentation		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**BX12**	**199**	**Confidential Billing Request Code**	**O**	**ID 1/1**
			Code used by the shipper to request that the carrier inhibit origin identification information from the invoice transaction sets and/or rate and charges from waybill documents and transaction sets when shipment moves under confidential contract rates		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**BX13**	**714**	**Goods and Services Tax Reason Code**	**O**	**ID 1/1**
			Code required to identify the reason for a 0% rated goods and services tax		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**BX14**	**346**	**Application Type**	**O**	**ID 2/2**
			Code identifying an application		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment:	**N9** Reference Identification		
Position:	060		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	30		
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier		
Syntax Notes:	1	At least one of N902 or N903 is required.	
	2	If N906 is present, then N905 is required.	
	3	If either C04003 or C04004 is present, then the other is required.	
	4	If either C04005 or C04006 is present, then the other is required.	
Semantic Notes:	1	N906 reflects the time zone which the time reflects.	
	2	N907 contains data relating to the value cited in N902.	
Comments:			
Notes:			

[3] N9 SEGMENT - Carrier Way/Freight Bill Number (DG 9700)
SEGMENT CONDITION: Include this truck manifest segment if the carrier waybill or freight bill number is available.
[4] N9 SEGMENT - Dispatch Number (DG 9700)
SEGMENT CONDITION: Use truck manifest segment as applicable.
[5] N9 SEGMENT - Transportation Movement Release Number (DG 9700)
SEGMENT CONDITION: Use truck manifest segment as applicable.
[31] N9 SEGMENT - Aircraft Identification (DG 9800)
SEGMENT CONDITION: Required and used only for air manifest.
[32] N9 SEGMENT - Manifest Reference Code (DG 9800)
SEGMENT CONDITION: Required and used only for air manifest.
[33] N9 SEGMENT - Type of Manifest Identifier (DG 9800)
SEGMENT CONDITION: Required and used only for air manifest.
[34] N9 SEGMENT - Fiscal Year (DG 9800)
SEGMENT CONDITION: Required and used only for air manifest.
[42] N9 SEGMENT - Vessel Status Code (DG 9900)
SEGMENT CONDITION: Required and used only for water manifest.
[43] N9 SEGMENT - Terms of Carriage Code (DG 9900)
SEGMENT CONDITION: Required and used only for water manifest.
[44] N9 SEGMENT - Vessel Sustaining Code (DG 9900)
SEGMENT CONDITION: Required and used only for water manifest.
[45] N9 SEGMENT - SEABEE/LASH Indicator (DG 9900)
SEGMENT CONDITION: Use for water manifest when vessel is either a SEABEE or LASH.
[46] N9 SEGMENT - Voyage Manifest Reference Code (DG 9900)
SEGMENT CONDITION: Required and used only for water manifest.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N901	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification

[3-01] Carrier Waybill/Freight Bill Number Qualifier (DG 9700)
[4-01] Dispatch Number Qualifier (DG 9700)
[5-01] Transportation Movement Release Number Qualifier (DG 9700)
[31-01] Aircraft Model and Series Number Qualifier (DG 9800)
[32-01] Manifest Reference Code Qualifier (DG 9800)
[33-01] Type of Manifest Qualifier (DG 9800)
[34-01] Fiscal Year Qualifier (DG 9800)
[42-01] Vessel Status Code Qualifier (DG 9900)
[43-01] Terms of Carriage Code Qualifier (DG 9900)
[44-01] Vessel Sustaining Code Qualifier (DG 9900)
[45-01] SEABEE/LASH Indicator Qualifier (DG 9900)
[46-01] Voyage Manifest Reference Code Qualifier (DG 9900)

| | 6R | | Provider Control Number |
| | | | Number assigned by information provider company for tracking and billing purposes |

[46-01] Provider Control Number
Use '6R' to denote Voyage Manifest Reference Code

| | 70 | | Calendar Number |
| | | | Identifies a working calendar (for example, Monday through Friday) for a company, division, or labor group |

[34-01] Calendar Number
Use '70' to denote Fiscal Year
[46-01] Calendar Number

| | AAO | | Carrier Assigned Code |

[31-01] Carrier Assigned Code
Use 'AAO' to denote Aircraft Model and Series Number
[43-01] Carrier Assigned Code

| | AC | | Air Cargo Transfer Manifest |

[33-01] Air Cargo Transfer Manifest
Use 'AC' to denote Type of Manifest
[45-01] Air Cargo Transfer Manifest

| | CN | | Carrier's Reference Number (PRO/Invoice) |

[3-01] Carrier's Reference Number (PRO/Invoice)

| | E9 | | Attachment Code |
| | | | Supplementary reference information |

[44-01] Attachment Code
Use 'E9' to denote Vessel Sustaining Code

| | MK | | Manifest Key Number |

[32-01] Manifest Key Number
[44-01] Manifest Key Number

| | RE | | Release Number |

[5-01] Release Number
Use 'RE' to denote Transportation Movement Release

| | U2 | | Term |
| | | | Indicates the college or university period for which permission is requested |

[43-01] Term
Use 'U2' to denote Terms of Carriage Code

| | VA | | Vessel Agent Number |

[42-01] Vessel Agent Number
Use 'VA' to denote Vessel Status Code

| | WF | | Locally Assigned Control Number |

[4-01] Locally Assigned Control Number
Use 'WF' to denote Dispatch Number

| | WU | | Vessel |

[45-01] Vessel

| >> | N902 | 127 | Reference Identification | X | AN 1/30 |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

[3-02] Carrier Waybill/Freight Bill Number (DG 9700)
[4-02] Dispatch Number (DG 9700)
[5-02] Transportation Movement Release Number (DG 9700)
[31-02] Aircraft Model and Series Number (DG 9800)
Enter Aircraft Model and Series Number; e.g., '141B', for a C141, and '005B', for a C5.
[32-02] Manifest Reference Code (DG 9800)
Enter Manifest Reference Code. See DTR, Part II, Appendix OO
[33-02] Type of Manifest ID (DG 9800)
Enter Type of Manifest ID; e.g., value 'C' for cargo, value 'M' for mail.
[34-02] Fiscal Year (DG 9800)

Enter last digit of Fiscal Year.
[42-02] Vessel Status Code (DG 9900)
Enter the one-position code assigned by the OCCA (vessel status code). See DTR, Part II, Appendix II.
[43-02] Terms of Carriage Code (DG 9900)
Enter the one-position code assigned by the OCCA (terms of carriage code). See DTR, Part II, Appendix II.
[44-02] Vessel Sustaining Code (DG 9900)
Enter value two (2) to indicate vessel is self-sustaining or three (3) to indicate vessel not self-sustaining. See DTR, Part II, Appendix JJ.
[45-02] SEABEE/LASH Indicator (DG 9900)
Use the following values to denote the DoD definitions as indicated:

L - LASH Vessel
S - SEABEE
[46-02] Voyage Manifest Reference Code (DG 9900)
Enter single-character Voyage Manifest Reference Code. See DTR, Part II, Appendix XX.

| >> | N903 | 369 | **Free-form Description** | | **X** | **AN 1/45** |

Free-form descriptive text

[31-03] Aircraft Tail Number (DG 9800)
NOTE: Changed attribute lenghth from 4/4 to 5/6 per DM 1005.

| | N904 | 373 | **Date** | | **O** | **DT 8/8** |

Date expressed as CCYYMMDD

[3-04] Carrier Waybill/Freight Bill Date (DG 9700)
Use date format CCYYMMDD.
[5-04] Transportation Movement Release Number Date (DG 9700)
Enter Transportation Movement Release Date using format CCYYMMDD.

| X | N905 | 337 | **Time** | | **X** | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| X | N906 | 623 | **Time Code** | | **O** | **ID 2/2** |

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow
Refer to 004010 Data Element Dictionary for acceptable code values.

| X | N907 | C040 | **Reference Identifier** | | **O** | |

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

| X | C04001 | 128 | **Reference Identification Qualifier** | | **M** | **ID 2/3** |

Code qualifying the Reference Identification
Refer to 004010 Data Element Dictionary for acceptable code values.

| X | C04002 | 127 | **Reference Identification** | | **M** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| X | C04003 | 128 | **Reference Identification Qualifier** | | **X** | **ID 2/3** |

Code qualifying the Reference Identification
Refer to 004010 Data Element Dictionary for acceptable code values.

| X | C04004 | 127 | **Reference Identification** | | **X** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

X   **C04005**   **128**   **Reference Identification Qualifier**   **X   ID 2/3**

Code qualifying the Reference Identification

Refer to 004010 Data Element Dictionary for acceptable code values.

X   **C04006**   **127**   **Reference Identification**   **X   AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:		**CM** **Cargo Manifest**
Position:		065
Loop:		
Level:		Heading
Usage:		Optional
Max Use:		3
Purpose:		To identify specific flight or voyage information for multimodal shipments
Syntax Notes:	1	If CM04 is present, then CM02 is required.
Semantic Notes:	1	CM04 is qualified by CM02.
	2	CM06 contains the carrier code.
	3	CM07 contains the previous carrier code.
	4	CM08 is the manifest date.
	5	CM15 is the vessel agent number.
Comments:	1	CM02 is "D" for rail origin and "L" for rail destination.
Notes:		[35] CM SEGMENT - Mission/Manifest Number (DG 9800)
		SEGMENT CONDITION: Required and used only for air manifest.
		[47] CM SEGMENT - Manifest Information (DG 9900)
		SEGMENT CONDITION: Required and used only for water manifest.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	**CM01**	55	**Flight/Voyage Number**	O	AN 2/10
			Identifying designator for the particular flight or voyage on which the cargo travels		
			[35-01] Last Five Digits of Manifest Number (DG 9800) Enter Last Five Digits of Manifest Number. [47-01] VOYDOC (DG 9900) Enter Voyage Document Number from DTR, Part II, Appendix WW.		
X	**CM02**	115	**Port or Terminal Function Code**	X	ID 1/1
			Code defining function performed at the port or terminal with respect to a shipment Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**CM03**	114	**Port Name**	O	AN 2/24
			Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property		
	CM04	373	**Date**	O	DT 8/8
			Date expressed as CCYYMMDD		
			[47-04] Manifest Adjustment Date (UTC) (DG 9900) The manifest date value is an ordinal number consisting of a one-position year and three-position date, based on a 365/6 day calendar. Convert the ordinal to a standard date format of CCYYMMDD. (Example: 7045 becomes 19970214, the 45th day of 1997: February, 14, 1997. ELEMENT CONDITION: Element is required for adjustments and supplements only.		
>>	**CM05**	13	**Booking Number**	O	AN 1/17
			Number assigned by the carrier for space reservation		
			[35-05] Mission Number (DG 9800) Enter Mission Number assigned by aircraft controlling agency.		
X	**CM06**	140	**Standard Carrier Alpha Code**	O	ID 2/4
			Standard Carrier Alpha Code		
X	**CM07**	140	**Standard Carrier Alpha Code**	O	ID 2/4
			Standard Carrier Alpha Code		
X	**CM08**	373	**Date**	O	DT 8/8
			Date expressed as CCYYMMDD		

	CM09	182	**Vessel Name**		O	AN 2/28

Name of ship as documented in "Lloyd's Register of Ships"

[47-09] Vessel Name (DG 9900)
ELEMENT CONDITION: Enter vessel name if available. Truncate as necessary. If unnamed, do not use this data element. Rather, enter Vessel Class and Hull Number in CM11 and CM12.
SOURCE: Lloyd's Register of Shipping

X	CM10	113	**Pier Number**		O	AN 1/4

Identifying number for the pier

	CM11	112	**Pier Name**		O	AN 2/14

Free-form name of the pier

[47-11] Vessel Class (DG 9900)
ELEMENT CONDITION: Enter Vessel Class (ship type) if vessel is unnamed.

	CM12	174	**Terminal Name**		O	AN 2/30

Free-form field for terminal name

[47-12] Vessel Hull Number (DG 9900)
ELEMENT CONDITION: Enter Vessel Hull Number. Required if ship is unnamed or has no IRCS.

X	CM13	156	**State or Province Code**		O	ID 2/2

Code (Standard State/Province) as defined by appropriate government agency

X	CM14	26	**Country Code**		O	ID 2/3

Code identifying the country

>>	CM15	127	**Reference Identification**		O	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

[35-15] Complete Manifest Number (DG 9800)
Enter Complete Manifest Number.
[47-15] DoD Ship Identifier (DG 9900)
Enter DoD Ship Identifier.
ELEMENT CONDITION: Required if ship is unnamed and has no IRCS.
SOURCE: Table Management Distribution System (TMDS)

	CM16	202	**Correction Indicator**		O	ID 2/2

Code used to indicate that the transaction set contains information which corrects previous information

[47-16] Manifest Adjustment Indicator (DG 9900)
ELEMENT CONDITION: Use only for manifest adjustments (that is, when BX01 contains code value '04').

			AI	Supply Additional Information		

[47-16] Supply Additional Information
Use 'AI' to denote Add to Manifest (Supplement)

			CO	Correction		

[47-16] Correction
Use 'CO' to denote Correct Transaction (Manifest)

			CP	Correct Container or Consolidation Contents		

[47-16] Correct Container or Consolidation Contents
Use 'CP' to denote Correct Shipment

			DE	Delete Event		

[47-16] Delete Event
Use 'DE' to denote Delete Transaction (Manifest)

			DP	Delete Container or Consolidation Contents		

[47-16] Delete Container or Consolidation Contents
Use 'DP' to denote Delete Shipment

X	CM17	91	**Transportation Method/Type Code**		O	ID 1/2

Code specifying the method or type of transportation for the shipment
Refer to 004010 Data Element Dictionary for acceptable code values.

	Segment:	**G62** Date/Time
	Position:	110
	Loop:	
	Level:	Heading
	Usage:	Optional
	Max Use:	10
	Purpose:	To specify pertinent dates and times
	Syntax Notes:	**1** At least one of G6201 or G6203 is required.
		2 If either G6201 or G6202 is present, then the other is required.
		3 If either G6203 or G6204 is present, then the other is required.
	Semantic Notes:	
	Comments:	
	Notes:	[6] G62 SEGMENT - Manifest Prepared Date (UTC) (DG 9700)

Notes:

[6] G62 SEGMENT - Manifest Prepared Date (UTC) (DG 9700)
SEGMENT CONDITION: Required and used only for truck manifest.
[7] G62 SEGMENT - Desired Delivery Date (UTC) (DG 9700)
SEGMENT CONDITION: Required and used only for truck manifest. Assign date based on shipment priority and estimated delivery time.
[8] G62 SEGMENT - Carrier's Pickup Date and Time (UTC) (DG 9700)
Data value is determined from the date/time carrier signs for the cargo.
SEGMENT CONDITION: Required and used only for truck manifest.
[36] G62 SEGMENT - Flight Departure Date/Time (UTC) (DG 9800)
SEGMENT CONDITION: Required and used only for air manifest.
[37] G62 SEGMENT - Estimated Arrival Date/Time (UTC) at Destination Air Terminal (DG 9800)
SEGMENT CONDITION: Provide for air manifest if available.
[48] G62 SEGMENT - Vessel Sail Date (UTC) (DG 9900)
SEGMENT CONDITION: Required and used only for water manifest.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**G6201**	**432**	**Date Qualifier**	**X ID 2/2**

Code specifying type of date

[6-01] Manifest Prepared Date Qualifier (DG 9700)
[7-01] Desired Delivery Date Qualifier (DG 9700)
[8-01] Carrier's Pickup Date Qualifier (DG 9700)
[36-01] Flight Departure Date Qualifier (DG 9800)
[37-01] Estimated Arrival Date (UTC) at Destination Air Terminal Qualifier (DG 9800)
[48-01] Vessel Sail Date Qualifier (DG 9900)

05	Sailing Date	
	[48-01] Sailing Date	
17	Estimated Delivery Date	
	[37-01] Estimated Delivery Date Use '17' to denote Estimated Arrival Date at Destination Air Terminal	
68	Requested Delivery Date	
	[7-01] Requested Delivery Date Use '68' to denote Desired Delivery Date	
85	Date Issued	
	[6-01] Date Issued	
86	Actual Pickup Date	
	[8-01] Actual Pickup Date	
BR	Date Delivery Commenced	
	Date that delivery process is initiated	
	[36-01] Date Delivery Commenced Use 'BR' to denote Flight Departure Date	

>>	G6202	373	Date	X	DT 8/8

Date expressed as CCYYMMDD

[6-02] Manifest Prepared Date (UTC) (DG 9700)
Enter the date on which the motor manifest was printed at the origin installation using format CCYYMMDD.
[7-02] Desired Delivery Date (UTC) (DG 9700)
Use date format CCYYMMDD.
[8-02] Carrier's Pickup Date (UTC) (DG 9700)
Carrier's Pickup Date using format CCYYMMDD.
[36-02] Flight Departure Date (UTC) (DG 9800)
Enter the Flight Departure Date (UTC) using CCYYMMDD format.
[37-02] Estimated Arrival Date at Destination Air Terminal (DG 9800)
Enter Estimated Arrival Date at Destination Air Terminal using CCYYMMDD.
[48-02] Vessel Sail Date (UTC) (DG 9900)
Enter the Vessel Sail Date (UTC) from an ordinal number that represents a Julian (four-digit) day of the year on a 365/6 day calendar. Convert the ordinal to a standard date format of CCYYMMDD. See DTR, Part II, Appendix RR..

>>	G6203	176	Time Qualifier	X	ID 1/2

Code specifying the reported time

[8-03] Carrier's Pickup Time Qualifier (DG 9700)
[36-03] Flight Departure Time Qualifier (DG 9800)
[37-03] Estimated Arrival Time at Destination Air Terminal Qualifier (DG 9800)

	8		Actual Pickup Time		

[8-03] Actual Pickup Time

	9		Actual Delivery Time		

[37-03] Actual Delivery Time
Use '9' to denote Estimated Arrival Time at Destination Air Terminal

	A		Actual Departure Time		

[36-03] Actual Departure Time

>>	G6204	337	Time	X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

[8-04] Carrier's Pickup Time (UTC) (DG 9700)
Enter Carrier's Pickup Time using format HHMM.
[36-04] Flight Departure Time (UTC) (DG 9800)
Enter the Flight Departure Time (UTC) using HHMM format.
[37-04] Estimated Arrival Time (UTC) at Destination Air Terminal (DG 9800)
Enter time in 24 hr time format (HHMM).

X	G6205	623	Time Code	O	ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.

	Segment:	**PER** Administrative Communications Contact

Segment: **PER** Administrative Communications Contact
Position: 120
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:
    1   If either PER03 or PER04 is present, then the other is required.
    2   If either PER05 or PER06 is present, then the other is required.
    3   If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:
Notes: [9] PER SEGMENT - Emergency Response Telephone No. (DG 9700)
SEGMENT CONDITION: Provide for truck manifest as applicable.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	PER01	366	**Contact Function Code**	**M**	**ID 2/2**

Code identifying the major duty or responsibility of the person or group named

[9-01] Emergency Response Telephone No. Function Code (DG 9700)

    EF   Emergency Contact-Military Traffic Management Command (MTMC)

         [9-01] Emergency Contact-Military Traffic Management Command (MTMC)
         Use 'EF' to denote Emergency Contact - Military Surface Deployment and Distribution Command (SDDC)

	Ref. Des.	Data Element	Name		Attributes
X	PER02	93	**Name**	**O**	**AN 1/60**

Free-form name

	Ref. Des.	Data Element	Name		Attributes
>>	PER03	365	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

[9-03] Emergency Response Telephone No. Qualifier (DG 9700)

    AU   Defense Switched Network

         Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
         [9-03] Defense Switched Network

    IT   International Telephone

         [9-03] International Telephone

    TE   Telephone

         [9-03] Telephone

	Ref. Des.	Data Element	Name		Attributes
>>	PER04	364	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

[9-04] Emergency Response Telephone No. (DG 9700)
Include area codes and extension numbers, if available.

	Ref. Des.	Data Element	Name		Attributes
X	PER05	365	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name		Attributes
X	PER06	364	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

	Ref. Des.	Data Element	Name		Attributes
X	PER07	365	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number
Refer to 004010 Data Element Dictionary for acceptable code values.

| X | PER08 | 364 | **Communication Number** | | X | **AN 1/80** |

Complete communications number including country or area code when applicable

| X | PER09 | 443 | **Contact Inquiry Reference** | | O | **AN 1/20** |

Additional reference number or description to clarify a contact number

	Segment:	**R4** Port or Terminal
	Position:	180
	Loop:	
	Level:	Heading
	Usage:	Optional
	Max Use:	5
	Purpose:	Contractual or operational port or point relevant to the movement of the cargo
	Syntax Notes:	1 If either R402 or R403 is present, then the other is required.
	Semantic Notes:	
	Comments:	1 R4 is required for each port to be identified.
	Notes:	[38] R4 SEGMENT - Air Manifest Origin Terminal Code (APOE) (DG 9800)

SEGMENT CONDITION: Required and used only for air manifest.
[39] R4 SEGMENT - Air Manifest Destination Terminal Code (APOD) (DG 9800)
SEGMENT CONDITION: Required and used only for air manifest.
[49] R4 SEGMENT - Manifest Origin Seaport Identifier Code (DG 9900)
SEGMENT CONDITION: Required and used only for water manifest.
[50] R4 SEGMENT - Manifest Destination Seaport Identifier Code (DG 9900)
SEGMENT CONDITION: Required and used only for water manifest.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	R401	115	**Port or Terminal Function Code**	M	ID 1/1

Code defining function performed at the port or terminal with respect to a shipment

[38-01] Air Manifest Origin Qualifier (DG 9800)
[39-01] Air Manifest Destination Qualifier (DG 9800)
[49-01] Origin Seaport Identifier Code Qualifier (DG 9900)
[50-01] Destination Seaport Identifier Code Qualifier (DG 9900)

D	Port of Discharge (Operational)

Port at which cargo is unloaded from vessel

[39-01] Port of Discharge (Operational)
Use 'D' to denote Air Manifest Destination Terminal

M	Destination (Operational)

Place at which carrier actually turns cargo to consignee or his agent

[50-01] Destination (Operational)
Use 'M' to denote Destination Seaport

O	Origin (Operational)

Shipper's facility at which shipment begins its movement at cargo's expense

[38-01] Origin (Operational)
Use 'O' to denote Air Manifest Origin Terminal
[49-01] Origin (Operational)
Use 'O' to denote Origin Shipment

	Ref. Des.	Data Element	Name	Attributes	
>>	R402	309	**Location Qualifier**	X	ID 1/2

Code identifying type of location

[38-02] Air Terminal Code Qualifier (DG 9800)
[39-02] Air Terminal Code Qualifier (DG 9800)
[49-02] Seaport Qualifier (DG 9900)
[50-02] Seaport Qualifier (DG 9900)

IB	Issue Location

[38-02] Issue Location
Use 'IB' to denote ICAO Code
[39-02] Issue Location
Use 'IB' to denote ICAO Code

			IM		Military Standard Movement Procedures (MILSTAMP)		

<table>
<tr><td colspan="6">[38-02] Military Standard Movement Procedures (MILSTAMP)
Use 'IM' to denote Air Terminal Identifier Code
[39-02] Military Standard Movement Procedures (MILSTAMP)
Use 'IM' to denote Air Terminal Identifier Code</td></tr>
</table>

			VS		Vessel Stowage Location		

<table>
<tr><td colspan="6">[49-02] Vessel Stowage Location
Use 'VS' to denote Seaport
[50-02] Vessel Stowage Location
Use 'VS' to denote Seaport</td></tr>
</table>

>>	R403	310	Location Identifier	X	AN 1/30
			Code which identifies a specific location		

[38-03] Air Manifest Origin Terminal Code (APOE) (DG 9800)
Enter Air Manifest Origin Terminal Code (APOE) if available, Otherwise, enter International Civil Aviation Organization (ICAO) code. See DTR, Part II,
Appendix CC.
[39-03] Air Manifest Destination Terminal Code (APOD) (DG 9800)
Enter Air Manifest Destination Terminal Code (APOD) if available, Otherwise, enter International Civil Aviation Organization (ICAO) code. See DTR, Part II,
Appendix CC.
[49-03] Manifest Origin Seaport Identifier Code (DG 9900)
Enter Manifest Origin Seaport Identifier Code. See DTR, Part II, Appendix MM.
[50-03] Manifest Destination Seaport Identifier Code (DG 9900)
Enter Manifest Destination Seaport Identifier Code. See DTR, Part II, Appendix MM.

X	R404	114	Port Name	O	AN 2/24
			Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property		
X	R405	26	Country Code	O	ID 2/3
			Code identifying the country		
>>	R406	174	Terminal Name	O	AN 2/30
			Free-form field for terminal name		

[39-06] Air Manifest Destination Text (DG 9800)
Enter in-the-clear Air Manifest Destination.

X	R407	113	Pier Number	O	AN 1/4
			Identifying number for the pier		
X	R408	156	State or Province Code	O	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency		

Segment:	**H3**	Special Handling Instructions		
Position:	200			
Loop:				
Level:	Heading			
Usage:	Optional			
Max Use:	20			
Purpose:	To specify special handling instructions in coded or free-form format			
Syntax Notes:	1	Only one of H301 or H302 may be present.		
Semantic Notes:				
Comments:				
Notes:	[51] H3 SEGMENT - No-Dunnage Indicator (DG 9900) SEGMENT CONDITION: Use this segment for water manifest to indicate there is no dunnage for shipment.			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
X	H301	152	**Special Handling Code**	X	ID 2/3
			Code specifying special transportation handling instructions		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
>>	H302	153	**Special Handling Description**	X	AN 2/30
			Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate		
			[51-02] No-Dunnage Indicator (DG 9900) To indicate no dunnage, enter value 'NODUN'.		
X	H303	241	**Protective Service Code**	O	ID 1/4
			Code specifying perishable protective service- rail carriers only		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	H304	242	**Vent Instruction Code**	O	ID 1/7
			Code specifying vent instructions		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	H305	257	**Tariff Application Code**	O	ID 1/1
			Code indicating to which traffic a tariff applies		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

	Segment:	**V5** Vessel Code
	Position:	212
	Loop:	
	Level:	Heading
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify vessel code
	Syntax Notes:	
	Semantic Notes:	
	Comments:	
	Notes:	[52] V5 SEGMENT - IRCS (DG 9900) For barges without IRCS, hull number is required in CM12. SEGMENT CONDITION: Use for fow water manifest to identify vessels with IRCS.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	V501	897	**Vessel Code Qualifier**	M	ID 1/1
			Code specifying vessel code source		
			[52-01] IRCS Code Qualifier (DG 9900)		
			C Ship's Radio Call Signal		
			[52-01] Ship's Radio Call Signal		
M	V502	597	**Vessel Code**	M	ID 1/8
			Code identifying vessel		
			[52-02] IRCS (DG 9900) Enter IRCS. SOURCE: Lloyd's Register of Shipping		
M	V503	26	**Country Code**	M	ID 2/3
			Code identifying the country		
			[52-03] X12 Mandatory Element (DG 9900) Enter value 'XX' to satisfy X12 syntax requirement. SOURCE: Code for Representation of Names of Countries, Geopo litical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available fro m American National Standards Institute.		

Segment:	**NTE** Note/Special Instruction			
Position:	280			
Loop:				
Level:	Heading			
Usage:	Optional			
Max Use:	50			
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction			
Syntax Notes:				
Semantic Notes:				
Comments:	1	The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.		

Notes:
[10] NTE SEGMENT - Routing Instruction Note (RIN) Code (DG 9700)
SEGMENT CONDITION: Use for truck manifest when routing instruction note applies.
[11] NTE SEGMENT - Additional Shipping Instructions (DG 9700)
SEGMENT CONDITION: Use for truck manifest when additional shipping instructions apply. Repeat segment as required.

NOTE: DO NOT USE THIS SEGMENT FOR RIN NOTE.
[12] NTE SEGMENT - Active RFID Tag Serial Number (DG 9700)
CHANGE NOTE: User note changed per DM 663.
SEGMENT CONDITION: Use to indicate the serial number of the active RFID tag used to document a truck manifest only.
[40] NTE SEGMENT - Onward Mode Method Code (DG 9800)
SEGMENT CONDITION: Required and used only for air manifest.
[53] NTE SEGMENT - Additional Manifest Information (DG 9900)
SEGMENT CONDITION: Use for water manifest for Additional Manifest Information.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	NTE01	363	**Note Reference Code**	O ID 3/3

Code identifying the functional area or purpose for which the note applies

[10-01] Routing Instruction Note (RIN) Code Qualifier (DG 9700)
[11-01] Additional Shipping Instructions Qualifier (DG 9700)
[12-01] Active RFID Tag Serial Number Qualifier (DG 9700)
CHANGE NOTE: Change code value from 'CAR' to 'RFL' per DM 847.
[40-01] Note Reference Code (DG 9800)
[53-01] Note Reference Code (DG 9900)

AAA	Agent Details	
	[40-01] Agent Details Use 'AAA' to denote Onward Mode/Method Code	
ADD	Additional Information	
	[11-01] Additional Information Use 'ADD' to denote Shipping Instructions to the Consignee or to the Carrier [53-01] Additional Information	
INT	General Order Instructions	
	[10-01] General Order Instructions	
RFL	Reason for Leaving	
	[12-01] Reason for Leaving Use 'RFL' to denote Active RFID Tag Serial Number	

| M | NTE02 | 352 | **Description** | M | AN 1/80 |

A free-form description to clarify the related data elements and their content

[10-02] Routing Instruction Note (RIN) Code (DG 9700)
The codes are listed in the Defense Transportation Regulation (DoD 4500.9-R)
Part II, Appendix B, available from the United States Transportation
Command, Scott AFB, IL.
[11-02] Additional Shipping Instructions (DG 9700)
Enter text information from the shipping documents.
[12-02] Active RFID Tag Serial Number (DG 9700)
Enter the active RFID tag serial number used for in transit visibility tracking of
the tag.

CHANGE NOTE: Length attribute changed to 1/32 per DM 1002.
[40-02] Onward Mode/Method Code (DG 9800)
See DTR, Part II, Appendix GG for applicable code value.
[53-02] Miscellaneous Manifest Information (DG 9900)
Enter additional required data (e.g., actual loading activity if other than the
WPOE, transshipping data, etc.)

Segment:	**N7** Equipment Details	
Position:	330	
Loop:	N7	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify the equipment	

Syntax Notes:
1. If either N703 or N704 is present, then the other is required.
2. If either N705 or N716 is present, then the other is required.
3. If either N708 or N709 is present, then the other is required.

Semantic Notes:
1. N712 is the owner of the equipment.
2. N723 is the operator or carrier of the rights of the equipment.

Comments:
1. N701 is mandatory for rail transactions.
2. N720 and N721 are expressed in inches.

Notes: [13] N7 SEGMENT - Equipment (Furnished by Carrier) Information (DG 9700)
SEGMENT CONDITION: Required and used only for truck manifest.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
X	N701	206	**Equipment Initial**	O	AN 1/4
			Prefix or alphabetic part of an equipment unit's identifying number		
M	N702	207	**Equipment Number**	M	AN 1/10
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)		
			[13-02] Equipment Owner ID (DG 9700) For government equipment enter value 'GOVT', For commercial equipment enter 'COML'.		
X	N703	81	**Weight**	X	R 1/10
			Numeric value of weight		
X	N704	187	**Weight Qualifier**	X	ID 1/2
			Code defining the type of weight		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N705	167	**Tare Weight**	X	N0 3/8
			Weight of the equipment		
X	N706	232	**Weight Allowance**	O	N0 2/6
			Allowance made for increased weight due to such factors as snow		
X	N707	205	**Dunnage**	O	N0 1/6
			Weight of material used to protect lading (even bracings, false floors, etc.)		
X	N708	183	**Volume**	X	R 1/8
			Value of volumetric measure		
X	N709	184	**Volume Unit Qualifier**	X	ID 1/1
			Code identifying the volume unit		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N710	102	**Ownership Code**	O	ID 1/1
			Code indicating the relationship of equipment to carrier or ownership of equipment		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N711	40	**Equipment Description Code**	O	ID 2/2
			Code identifying type of equipment used for shipment		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N712	140	**Standard Carrier Alpha Code**	O	ID 2/4
			Standard Carrier Alpha Code		
X	N713	319	**Temperature Control**	O	AN 3/6
			Free-form abbreviation of temperature range or flash-point temperature		

X	N714	219	**Position**		O	AN 1/3
			Relative position of shipment in car, trailer, or container (mutually defined)			
X	N715	567	**Equipment Length**		O	N0 4/5
			Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)			
X	N716	571	**Tare Qualifier Code**		X	ID 1/1
			Code identifying the type of tare			
			Refer to 004010 Data Element Dictionary for acceptable code values.			
X	N717	188	**Weight Unit Code**		O	ID 1/1
			Code specifying the weight unit			
			Refer to 004010 Data Element Dictionary for acceptable code values.			
X	N718	761	**Equipment Number Check Digit**		O	N0 1/1
			Number which designates the check digit applied to a piece of equipment			
X	N719	56	**Type of Service Code**		O	ID 2/2
			Code specifying extent of transportation service requested			
			Refer to 004010 Data Element Dictionary for acceptable code values.			
X	N720	65	**Height**		O	R 1/8
			Vertical dimension of an object measured when the object is in the upright position			
X	N721	189	**Width**		O	R 1/8
			Shorter measurement of the two horizontal dimensions measured with the object in the upright position			
X	N722	24	**Equipment Type**		O	ID 4/4
			Code identifying equipment type			
X	N723	140	**Standard Carrier Alpha Code**		O	ID 2/4
			Standard Carrier Alpha Code			
X	N724	301	**Car Type Code**		O	ID 1/4
			Code specifying type of rail car or intermodal equipment type and its general characteristics			

Segment:	**NA** Cross-Reference Equipment
Position:	335
Loop:	N7 Optional
Level:	Heading
Usage:	Optional
Max Use:	30
Purpose:	To cross-reference additional equipment to a primary piece of equipment
Syntax Notes:	1 If NA01 is present, then NA02 is required.
Semantic Notes:	1 NA07 is the owner's Standard Carrier Alpha Code (SCAC) code.
	2 NA11 indicates the equipment damage status. A "Y" indicates equipment is damaged; an "N" indicates equipment is not damaged.
Comments:	1 NA03 contains the equipment initial of an associated shipment and is required by rail. If unknown, use NONZ for van or NONU for container.
	2 NA04 contains the equipment number of an associated shipment.
	3 NA09 is the Standard Carrier Alpha Code (SCAC) code of the operator of the equipment.
Notes:	[14] NA SEGMENT - Carrier Equipment ID Number and Equipment Temperature Control (DG 9700)
	Repeat segment as required for applicable carrier equipment. Repeat segment for each occurrence of the N7 entitled, Equipment (Furnished by Carrier) Information, and repeat the segment for each compartment if carrier equipment has multiple reefer compartments. SEGMENT CONDITION: Required and used only for truck manifest.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**NA01**	**128**	**Reference Identification Qualifier**	**O ID 2/3**

Code qualifying the Reference Identification

[14-01] Carrier Equipment ID Number Qualifier (DG 9700)

98	Container/Packaging Specification Number	
	A numeric or alphanumeric identification assigned to a unique packaging/container configuration	
	[14-01] Container/Packaging Specification Number	
EQ	Equipment Number	
	[14-01] Equipment Number	
	Use 'EQ' to denote Prime Mover (no load)	
ER	Container or Equipment Receipt Number	
	[14-01] Container or Equipment Receipt Number	
	Use 'ER' to denote Container Chassis	
MCI	Motor Carrier Identification Number	
	[14-01] Motor Carrier Identification Number	
	Use 'MCI' to denote Loaded Truck Conveyance	
T5	Trailer Use Agreements	
	[14-01] Trailer Use Agreements	
	Use 'T5' to denote Loaded Trailer Conveyance	

	Ref. Des.	Data Element	Name	Attributes
>>	**NA02**	**127**	**Reference Identification**	**X AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

[14-02] Carrier Equipment ID Number (DG 9700)
Enter carrier equipment registration/bumper number. If an ISO ID, include owner code, serial number, and check digit.

NOTE: If a tractor number (for code value 'T5' in NA01) is carried in this data element, it is the power unit for the trailer described in another N7 loop.

M	**NA03**	**206**	**Equipment Initial**	**M**	**AN 1/4**

Prefix or alphabetic part of an equipment unit's identifying number

[14-03] Transportation Equipment Type Code (DG 9700)
Use to identify equipment furnished by carrier.   See DTR Part II, Appendix G, Attachment 3.

M	**NA04**	**207**	**Equipment Number**	**M**	**AN 1/10**

Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)

[14-04] Temperature Control (DG 9700)
Use to specify temperature setting for reefer shipments. If Temperature Control is not required, enter value 'NONE'. Otherwise, indicate minimum and maximum temperatures and explicitly include plus and minus signs preceding each temperature. (Example: -10+30.)

	NA05	**231**	**Cross Reference Type Code**	**O**	**ID 1/1**

Code defining relationship of equipment to equipment cross-referenced

[14-05] Temperature Scale Qualifier (DG 9700)

C   Prior Load Credit

[14-05] Prior Load Credit
Use 'C' to denote Centigrade

F   Conveying Flat Car

[14-05] Conveying Flat Car
Use 'F' to denote Fahrenheit

	NA06	**219**	**Position**	**O**	**AN 1/3**

Relative position of shipment in car, trailer, or container (mutually defined)

[14-06] Reefer Compartment Reference Number (DG 9700)
ELEMENT CONDITION: Enter Reefer Compartment Reference Number if temperature is contained in NA04

X	**NA07**	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**

Standard Carrier Alpha Code

X	**NA08**	**567**	**Equipment Length**	**O**	**N0 4/5**

Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)

X	**NA09**	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**

Standard Carrier Alpha Code

X	**NA10**	**845**	**Chassis Type**	**O**	**ID 2/2**

Code identifying type of chassis
Refer to 004010 Data Element Dictionary for acceptable code values.

X	**NA11**	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**

Code indicating a Yes or No condition or response
Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:		**M7**	Seal Numbers		

Segment: **M7** Seal Numbers
Position: 340
Loop: N7   Optional
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To record seal numbers used and the organization that applied the seals
Syntax Notes:
Semantic Notes:
Comments: 1   M705 indicates the name of the organization which applied the seal(s).
Notes: [15] M7 SEGMENT - Equipment Seals (DG 9700)
SEGMENT CONDITION: Use for truck manifest if seals are applied to the equipment.
Use a separate M7 segment for each different applier of seals.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	M701	225	Seal Number	M	AN 2/15
			Unique number on seal used to close a shipment		
			[15-01] Equipment Seal Number (DG 9700) Additional seal numbers applied by this same entity should be carried in M702, M703, and M704. Use additional M7 segments as required.		
	M702	225	Seal Number	O	AN 2/15
			Unique number on seal used to close a shipment		
			[15-02] Additional Equipment Seal Number (DG 9700)		
	M703	225	Seal Number	O	AN 2/15
			Unique number on seal used to close a shipment		
			[15-03] Additional Equipment Seal Number (DG 9700)		
	M704	225	Seal Number	O	AN 2/15
			Unique number on seal used to close a shipment		
			[15-04] Additional Equipment Seal Number (DG 9700)		
>>	M705	98	Entity Identifier Code	O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			[15-05] Equipment Seal Numbers Applied By Qualifier (DG 9700)		
			CA Carrier		
			[15-05] Carrier		
			SH Shipper		
			[15-05] Shipper		

Segment:	# N1 Name
Position:	390
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	[16] N1 SEGMENT - Motor Carrier Name (DG 9700)
	SEGMENT CONDITION: Required and used only for truck manifest.
	[17] N1 SEGMENT - Manifest Destination (ST) (DG 9700)
	SEGMENT CONDITION: Required and used only for truck manifest. Identifies the delivery location.
	[22] N1 SEGMENT - Manifest Origin (SF) (DG 9700)
	SEGMENT CONDITION: Required and used only for truck manifest. Identifies the pick-up location.
	[27] N1 SEGMENT - Shipper (SH) (DG 9700)
	CHANGE NOTE: Requirement attribute changed to conditional to agree with user note per DM 884.
	SEGMENT CONDITION: Required and used only for truck manifest. Identifies the Shipper.
	[41] N1 SEGMENT - Carrier Identification (DG 9800)
	SEGMENT CONDITION: Required and used only for air manifest.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N101	98	**Entity Identifier Code**	M ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

[16-01] Motor Carrier Name (CA) Qualifier (DG 9700)
[17-01] Manifest Destination (ST) Name Qualifier (DG 9700)
[22-01] Manifest Origin (SF) Name Qualifier (DG 9700)
[27-01] Shipper Name (SH) Qualifier (DG 9700)
This qualifier identifies the transportation office responsible for manifesting the loaded cargo onto the conveyance.
[41-01] Carrier Identification Qualifier (DG 9800)

CA	Carrier	
	[16-01] Carrier	
	[41-01] Carrier	
SF	Ship From	
	[22-01] Ship From	
	Use 'SF' to denote Manifest Origin Name	
SH	Shipper	
	[27-01] Shipper	
ST	Ship To	
	[17-01] Ship To	
	Use 'ST' to denote Manifest Destination Name	

| >> | N102 | 93 | **Name** | X | **AN 1/60** |

Free-form name

[16-02] Motor Carrier Name (DG 9700)
[17-02] Manifest Destination (ST) Name (DG 9700)
Enter Manifest Destination Name.
[22-02] Manifest Origin (SF) Name (DG 9700)
Enter name of pick-up location.
[27-02] Shipper Name (SH) (DG 9700)
[41-02] Carrier Name (DG 9800)
Enter carrier abbreviation (e.g., AMC, etc). Precede carrier abbreviations with zeros.

| | N103 | 66 | **Identification Code Qualifier** | X | **ID 1/2** |

Code designating the system/method of code structure used for Identification Code (67)

[17-03] Manifest Destination (ST) Address Code Qualifier (DG 9700)
ELEMENT CONDITION: A DoDAAC will be used if available. Other location codes may be used as appropriate.
[22-03] Manifest Origin (SF) Address Code Qualifier (DG 9700)
ELEMENT CONDITION: A DoDAAC will be used if available. Other location codes may be used as appropriate.
[27-03] Shipper (SH) Address Code Qualifier (DG 9700)
ELEMENT CONDITION: A DoDAAC will be used if available. Other location codes may be used as appropriate.
[41-03] Identification Code Qualifier (DG 9800)
ELEMENT CONDITION: Required if N104 is used.

| | | 4 | International Air Transport Association (IATA) |

[41-03] International Air Transport Association (IATA)

| | | 10 | Department of Defense Activity Address Code (DODAAC) |

[17-03] Department of Defense Activity Address Code (DODAAC)
[22-03] Department of Defense Activity Address Code (DODAAC)
[27-03] Department of Defense Activity Address Code (DODAAC)

| | | 33 | Commercial and Government Entity (CAGE) |

[17-03] Commercial and Government Entity (CAGE)
[22-03] Commercial and Government Entity (CAGE)
[27-03] Commercial and Government Entity (CAGE)

| | | 94 | Code assigned by the organization that is the ultimate destination of the transaction set |

[17-03] Code assigned by the organization that is the ultimate destination of the transaction set
Use '94' to denote GEOLOC
[22-03] Code assigned by the organization that is the ultimate destination of the transaction set
Use '94' to denote GEOLOC
[27-03] Code assigned by the organization that is the ultimate destination of the transaction set
Use '94' to denote GEOLOC

| | | A2 | Military Assistance Program Address Code (MAPAC) |

Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

[17-03] Military Assistance Program Address Code (MAPAC)
[22-03] Military Assistance Program Address Code (MAPAC)
[27-03] Military Assistance Program Address Code

			(MAPAC)		
	FB		Field Code		

A code assigned by regulatory agencies to a surface area

> [17-03] Field Code
> Use 'FB' to denote Air Terminal Identifier Code
> [22-03] Field Code
> Use 'FB' to denote Air Terminal Identifier Code
> [27-03] Field Code
> Use 'FB' to denote Air Terminal Identifier Code

	LC		Agency Location Code (U.S. Government)

> [17-03] Agency Location Code (U.S. Government)
> Use 'LC' to denote Inland Location Code
> [22-03] Agency Location Code (U.S. Government)
> Use 'LC' to denote Inland Location Code
> [27-03] Agency Location Code (U.S. Government)
> Use 'LC' to denote Inland Location Code

	M4		Department of Defense Routing Identifier Code (RIC)

An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions

> [17-03] Department of Defense Routing Identifier Code (RIC)
> [22-03] Department of Defense Routing Identifier Code (RIC)
> [27-03] Department of Defense Routing Identifier Code (RIC)

	PR		Pier

> [17-03] Pier
> Use 'PR' to denote Seaport Identifier Code
> [22-03] Pier
> Use 'PR' to denote Seaport Identifier Code
> [27-03] Pier
> Use 'PR' to denote Seaport Identifier Code

	N104	**67**	**Identification Code**	**X**	**AN 2/80**

Code identifying a party or other code

> [17-04] Manifest Destination (ST) Address Code (DG 9700)
> Enter value as qualified by N103 for one of the following codes: DoDAAC, CAGE, GEOLOC, MAPAC, Air Terminal Identifier, RIC, Seaport Identifier, or Inland Location Code.
> [22-04] Manifest Origin (SF) Address Code (DG 9700)
> Enter value as qualified by N103 for one of the following codes: DoDAAC, CAGE, GEOLOC, MAPAC, Air Terminal Identifier, RIC, Seaport Identifier, or Inland Location Code.
> CHANGE NOTE: Size attribute changed to 3/6 per DM 663.
> [27-04] Shipper (SH) Identification Address Code (DG 9700)
> Enter value as qualified by N103 for one of the following codes: DoDAAC, CAGE, GEOLOC, MAPAC, Air Terminal Identifier, RIC, Seaport Identifier, or Inland Location Code.
> CHANGE NOTE: Size attribute changed to 3/6 per DM 663.
> [41-04] IATA Carrier Code (DG 9800)

X	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**

Code describing entity relationship

Refer to 004010 Data Element Dictionary for acceptable code values.

X	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual
Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:	**N2** Additional Name Information		
Position:	400		
Loop:	N1	Optional	
Level:	Heading		
Usage:	Optional		
Max Use:	2		
Purpose:	To specify additional names or those longer than 35 characters in length		
Syntax Notes:			
Semantic Notes:			
Comments:			
Notes:	[18] N2 SEGMENT - Manifest Destination (ST) Name Additional Text (DG 9700) SEGMENT CONDITION: Use for truck manifest if additional text is needed to identify the Manifest Destination Name. [23] N2 SEGMENT - Manifest Origin (SF) Name Additional Text (DG 9700) SEGMENT CONDITION: Use for truck manifest if additional text is needed to identify the Manifest Origin Name. [28] N2 SEGMENT - Shipper (SH) Name Additional Text (DG 9700) SEGMENT CONDITION: Use for truck manifest if additional text is needed to identify the Shipper Name.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N201	93	**Name**	**M AN 1/60**
			Free-form name	
			[18-01] Manifest Destination (ST) Name Additional Text (DG 9700) [23-01] Manifest Origin (SF) Name Additional Text (DG 9700) [28-01] Shipper (SH) Name Additional Text (SH) (DG 9700)	
X	N202	93	**Name**	**O AN 1/60**
			Free-form name	

Segment:	# N3 Address Information
Position:	410
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	[19] N3 SEGMENT - Manifest Destination (ST) Street Address or Clear Text Instructions (DG 9700) Use N3 segment twice if required. An address or specific delivery instructions must be provided. SEGMENT CONDITION: Required and used only for truck manifest for Destination Street Address or for Clear Text Delivery Instructions. [24] N3 SEGMENT - Manifest Origin (SF) Street Addr. or Clear Text Pickup Instructions (DG 9700) SEGMENT CONDITION: Required and used only for truck manifest for Origin Address or for Clear Text Pickup Instructions. Use N3 segment twice if required. An address or specific direction to the location must be provided. [29] N3 SEGMENT - Shipper (SH) Street Address or Clear Text Location Instructions (DG 9700) SEGMENT CONDITION: Required and used only for truck manifest for Shipper Address or for Clear Text Shipper Location Instructions.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N301	166	**Address Information**	M	AN 1/55
			Address information		
			[19-01] Manifest Destination (ST) Street Address or Clear Text Delivery Instructions (DG 9700) Enter Manifest Destination Street Address or Clear Text Delivery Location. Use N3 segment twice if required. [24-01] Manifest Origin (SF) Street Address or Clear Text Pickup Instructions (DG 9700) Use for Origin Address or for Clear Text Pickup Instructions. [29-01] Shipper (SH) Street Address or Clear Text Location Instructions (DG 9700) Enter Shipper Street Address or Clear Text Shipper Instructions.		
	N302	166	**Address Information**	O	AN 1/55
			Address information		
			[19-02] Manifest Destination (ST) Street Address or Clear Text Delivery Instructions (DG 9700) ELEMENT CONDITION: Use as required for Manifest Destination Street Address or for Clear Text Delivery Instructions. [24-02] Manifest Origin (SF) Street Address or Clear Text Pickup Instructions (DG 9700) Use for Origin Address or for Clear Text Pickup Instructions. [29-02] Shipper (SH) Street Address or Clear Text Location Instructions (DG 9700) ELEMENT CONDITION: Use as required for Shipper Street Address or for Clear Text Location Instructions. Use N3 segment twice if required.		

Segment:	**N4** Geographic Location
Position:	420
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	[20] N4 SEGMENT - Manifest Destination (ST) City/State/ZIP/Country (DG 9700) SEGMENT CONDITION: Use for truck manifest if parsed destination address information is available. [25] N4 SEGMENT - Manifest Origin (SF) City/State/ZIP/Country (DG 9700) SEGMENT CONDITION: Use for truck manifest if parsed origin address information is available. [30] N4 SEGMENT - Shipper (SH) City/State/ZIP/Country (DG 9700) SEGMENT CONDITION: Use for truck manifest if parsed Shipper Address information is available.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
N401	**19**	**City Name**	**O**	**AN 2/30**
		Free-form text for city name		
		[20-01] Manifest Destination (ST) City (DG 9700) [25-01] Manifest Origin (SF) City (DG 9700) [30-01] Shipper (SH) City (DG 9700)		
N402	**156**	**State or Province Code**	**O**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
		[20-02] Manifest Destination (ST) State Code (DG 9700) ELEMENT CONDITION: Use for U.S. and Canada only. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center [25-02] Manifest Origin (SF) State (DG 9700) ELEMENT CONDITION: Use for U.S. and Canada only. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center [30-02] Shipper (SH) State (DG 9700) ELEMENT CONDITION: Use for U.S. and Canada only. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center		
N403	**116**	**Postal Code**	**O**	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
		[20-03] Manifest Destination (ST) ZIP/Postal Code (DG 9700) There should be no special characters, punctuation, or blanks. ELEMENT CONDITION: Use for U.S only. SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents [25-03] Manifest Origin (SF) ZIP/Postal Code (DG 9700) There should be no special characters, punctuation, or blanks. ELEMENT CONDITION: Use for U.S only. SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents		

			[30-03] Shipper (SH) ZIP Code/Postal Code (DG 9700) There should be no special characters, punctuation, or blanks. ELEMENT CONDITION: Use for U.S only. SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents		
	N404	**26**	**Country Code**	**O**	**ID 2/3**
			Code identifying the country		
			[20-04] Manifest Destination Country Code (DG 9700) CHANGE NOTE: Change length attribute to 2/3 and '3-Alpha' reference to 'latest' per DM 700. ELEMENT CONDITION: If destination is OCONUS, country code is required. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute. [25-04] Manifest Origin (SF) Country Code (DG 9700) CHANGE NOTE: Change length attribute to 2/3 and '3-Alpha' reference to 'latest' per DM 700. ELEMENT CONDITION: If origin is OCONUS, country code is required. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute. [30-04] Shipper (SH) Country Code (DG 9700) CHANGE NOTE: Change length attribute to 2/3 and '3-Alpha' reference to 'latest' per DM 700 ELEMENT CONDITION: If shipper is OCONUS, country code is required. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.		
X	**N405**	**309**	**Location Qualifier**	**X**	**ID 1/2**
			Code identifying type of location		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**N406**	**310**	**Location Identifier**	**O**	**AN 1/30**
			Code which identifies a specific location		

Segment: **PER** Administrative Communications Contact
Position: 440
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:
Notes: [21] PER SEGMENT - Manifest Destination (ST) Point of Contact (DG 9700)
SEGMENT CONDITION: Provide for truck manifest if available.
[26] PER SEGMENT - Manifest Origin (SF) Point of Contact (DG 9700)
SEGMENT CONDITION: Provide for truck manifest if available.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	PER01	366	Contact Function Code		M	ID 2/2
			Code identifying the major duty or responsibility of the person or group named			
			[21-01] Manifest Destination (ST) Point of Contact Qualifier (DG 9700) [26-01] Manifest Origin (SF) Point of Contact Qualifier (DG 9700)			
			EM	Emergency Contact		
				[21-01] Emergency Contact [26-01] Emergency Contact		
X	PER02	93	Name		O	AN 1/60
			Free-form name			
>>	PER03	365	Communication Number Qualifier		X	ID 2/2
			Code identifying the type of communication number			
			[21-03] Phone Number Qualifier (DG 9700) [26-03] Phone Number Qualifier (DG 9700)			
			AU	Defense Switched Network		
				Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
				[21-03] Defense Switched Network [26-03] Defense Switched Network		
			IT	International Telephone		
				[21-03] International Telephone [26-03] International Telephone		
			TE	Telephone		
				[21-03] Telephone [26-03] Telephone		
>>	PER04	364	Communication Number		X	AN 1/80
			Complete communications number including country or area code when applicable			
			[21-04] Manifest Destination (ST) Point of Contact Phone Number (DG 9700) Include area codes and extension numbers, if available. [26-04] Manifest Origin (SF) Point of Contact Phone Number (SF) (DG 9700) Include area codes and extension numbers, if available.			
X	PER05	365	Communication Number Qualifier		X	ID 2/2
			Code identifying the type of communication number			
			Refer to 004010 Data Element Dictionary for acceptable code values.			
X	PER06	364	Communication Number		X	AN 1/80
			Complete communications number including country or area code when applicable			

| X | PER07 | 365 | **Communication Number Qualifier** | X | **ID 2/2** |

Code identifying the type of communication number

Refer to 004010 Data Element Dictionary for acceptable code values.

| X | PER08 | 364 | **Communication Number** | X | **AN 1/80** |

Complete communications number including country or area code when applicable

| X | PER09 | 443 | **Contact Inquiry Reference** | O | **AN 1/20** |

Additional reference number or description to clarify a contact number

Segment:	**HL** **Hierarchical Level**	
Position:	010	
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments	
Syntax Notes:		
Semantic Notes:		
Comments:	**1**	The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.
	2	HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
	3	HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
	4	HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
	5	HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes:

[54] HL SEGMENT - Single Shipment Unit (T_0/1/4) (DG 1001)
An HL '1' loop (DG 1001) is required for every manifest. Repeat this loop for every single shipment unit TCN (T_0/1/4 and the air/water manifest equivalent document identifier codes).

This loop may be used in combination with HL loops describing consolidations and containers (HL03 code values '3' (DG 3001) and '2' (DG 2001), pallet manifest headers (HL03 code value '24' (DG 9801)), and with HL loops describing TCN trailer data.

NOTE: References to T_0 data apply to T_1 and T_4 data throughout the description of this loop.

CHANGE NOTE: The term, "LOOP CONDITION," explaining the use of this loop, has been dropped and the information changed to the first paragraph of the user note per DM 883.
[88] HL SEGMENT - SEAVAN/RORO/463L Shipment Units (T_2) (DG 2001)
For capped 463L pallets this loop will be a child loop of the capped pallet loop only for the situation where the pallet and its load are documented as a shipment unit and the complete, single load is marked with an MSL. Use HL02 to identify the parent pallet manifest loop as required.
LOOP CONDITION: This HL loop is required when passing header and trailer data associated with a SEAVAN/RORO/463L shipment unit.
[120] HL SEGMENT - Other Consolidations (Not SEAVAN/RORO/463L) (T_3) (DG 3001)
LOOP CONDITION: This HL loop is required when passing header and trailer data associated with a multi-shipment unit consolidation other than a SEAVAN/RORO/463L.
[145] HL SEGMENT - Cargo Attribute/Dimension Information (T_5) (DG 5001)
CHANGE NOTE: Change dimension 72" to 84" per DM 890.
LOOP CONDITION: This HL loop is required when describing attribute/dimension information (each T_5) for all Government vehicles, trailers, tracked/wheeled guns, aircraft, and outsize general cargo. Repeat this loop for each Government vehicle, trailer, tracked/wheeled gun, or aircraft. Also repeat this loop for outsize general cargo that exceeds 84 inches in any one of the dimensions.

[156] HL SEGMENT - NSN, Nomenclature, and HAZMAT Information (T_6) (DG 6001)
LOOP CONDITION: This HL loop is required when describing entries for an item NSN and a non-hazardous item nomenclature for shipments where the weight of all like items (single NSN) comprises 51 percent or more of the total shipment weight. The loop is also required for shipments when describing HAZMAT codes, ammunition round count, and IMO classification. For other than HAZMAT material, do not use this loop to describe personal effects (personal property), material for sale in stores, and material which is not covered by NSNs. It includes both T_6 and T_9 information. Repeat this loop as required.
[176] HL SEGMENT - NEW, Ammunition, Explosives, or Lot Information (T_7) (DG 7001)
LOOP CONDITION: This HL loop is required when describing entries for NEW, ammunition, explosives, or lot information. If the shipment unit contains more than one lot, make a separate loop for each lot.
[179] HL SEGMENT - Personal Property (T_8) (DG 8001)
LOOP CONDITION: This HL loop is required when describing entries for household goods, baggage, or POV.
[191] HL SEGMENT - General Miscellaneous Information (T_9) (DG 9013)
LOOP CONDITION: This HL loop is required when describing general miscellaneous information not otherwise detailed.
[209] HL SEGMENT - Seal Numbers and Applier of Replacement Seals (DG 9014)
LOOP CONDITION: Use this HL loop to identify original and replacement seal numbers and to identify the applier of replacement seals when passing header and trailer data associated with SEAVAN shipment units in data groups 1001/2001/3001 as applicable. Repeat this loop for each different applier of replacement seals.
[212] HL SEGMENT - 463L Capped Pallet Header Information (TAB) (DG 9801)
Use this 463L pallet header HL Loop to identify a loaded and fully documented (capped) 463L pallet that will be delivered to an aerial port as a manifested pallet load (pallet ID is assigned) for air movement.

Or, use this loop to identify a fully documented (capped) and manifested 463L pallet transitioning from an air manifested movement to a truck manifested movement.

Capped 463L pallets that have not been documented as a manifested load (with a TAB record) will use the SEAVAN/RORO/463L Shipment Units HL loop (HL03=2) to identify the 463L pallet as a shipment unit (marked with an MSL) on the truck manifest.

To document cargo loaded on the pallet, use the appropriate HL loops (i.e., HL03 contains '1' - '3', '5' - '9', and 'ZZ').
LOOP CONDITION: Use this loop to document pallet header information for a capped 463L pallet.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	HL01	628	**Hierarchical ID Number**	M AN 1/12

A unique number assigned by the sender to identify a particular data segment in a hierarchical structure

[54-01] Hierarchical (Segment) ID Number (DG 1001)
Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)
[88-01] Hierarchical (Segment) ID Number (DG 2001)
Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)
[120-01] Hierarchical (Segment) ID Number (DG 3001)
Enter the next available HL loop sequential number to uniquely identify each

occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)

[145-01] Hierarchical (Segment) ID Number (DG 5001)
Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)

[156-01] Hierarchical (Segment) ID Number (DG 6001)
Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)

[176-01] Hierarchical (Segment) ID Number (DG 7001)
Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)

[179-01] Hierarchical (Segment) ID Number (DG 8001)
Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)

[191-01] Hierarchical (Segment) ID Number (DG 9013)
Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)

[209-01] Hierarchical ID Number (DG 9014)
Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)

[212-01] Hierarchical ID Number (DG 9801)
Enter the next available HL loop sequential number to describe each pallet.

| >> | HL02 | 734 | **Hierarchical Parent ID Number** | O | AN 1/12 |

Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to

[54-02] Hierarchical Parent ID Number (DG 1001)
For consolidations or manifests, use this element to link this DG 1001 loop with its parent DG 2001, DG 3001, or DG 9801 (manifest) loop. Establish the link by copying the Hierarchical Segment ID Number (HL01) of the parent HL loop here.

[88-02] Hierarchical Parent ID Number (DG 2001)
ELEMENT CONDITION: Enter parent manifest loop ID only if this is a child loop for a 463L capped pallet (HL03=24) that is marked with an MSL as a consolidated shipment unit. Otherwise, do not use this data element.

[120-02] Hierarchical Parent ID Number (DG 3001)
ELEMENT CONDITION: Enter parent loop ID only if this is the child of larger SEAVAN/RORO/463L consolidation (HL03=2), or is the child of a nested unitized load (DG 3001), or this is a child loop for a 463L capped pallet (HL03=24). Otherwise, do not use this data element.

[145-02] Hierarchical Parent ID Number (DG 5001)
Use this element to link this loop with its parent loop. Establish the link by copying the hierarchical ID number (HL01) of the DG 1001, DG 2001, or DG 3001 parent HL loop here.

[156-02] Hierarchical Parent ID Number (DG 6001)
Use this element to link this loop with its parent loop. Establish the link by copying the hierarchical ID number (HL01) of the DG 1001 parent HL loop here.

[176-02] Hierarchical Parent ID Number (DG 7001)

Use this element to link this loop with its parent loop. Establish the link by copying the hierarchical ID number (HL01) of the DG 1001 parent HL loop here.
[179-02] Hierarchical Parent ID Number (DG 8001)
Use this element to link this loop with its parent loop. Establish the link by copying the hierarchical ID number (HL01) of the DG 1001 parent HL loop here.
[191-02] Hierarchical Parent ID Number (DG 9013)
Use this element to link this loop with its parent loop. Establish the link by copying the hierarchical ID number (HL01) of the DG 1001, DG 2001, or DG 3001 parent HL loop here.
[209-02] Hierarchical Parent ID Number (DG 9014)
Use this element to link this loop with its parent loop. Establish the link by copying the hierarchical ID number (HL01) of the DG 1001, DG 2001, or DG 3001 parent HL loop here.

| M | HL03 | 735 | **Hierarchical Level Code** | M | ID 1/2 |

Code defining the characteristic of a level in a hierarchical structure

[54-03] Hierarchical Level Code (DG 1001)
Use code value '1' to indicate that the HL loop contains information from DTR T_0/1/4 records for a shipment unit corresponding to DG 1001, along with related trailer data corresponding to DG 1014.
[88-03] Hierarchical Level Code (DG 2001)
Use value '2' to indicate that the HL loop contains information from DTR T_2 records for a shipment using SEAVAN/RORO/463L corresponding to DG 2001, along with related trailer data corresponding to DG 2014 and DG 2015.
[120-03] Hierarchical Level Code (DG 3001)
Use '3' to indicate that the HL loop contains information from DTR T_3 records for a multi-shipment unit consolidation corresponding to DG 3001, along with related trailer data corresponding to DG 3014
[145-03] Hierarchical Level Code (DG 5001)
Use '5' to indicate that the HL loop contains information from DTR T_5 records corresponding to DG 5001, along with related trailer data corresponding to DG 5013.
[156-03] Hierarchical Level Code (DG 6001)
Use '6' to indicate that the HL loop contains information from DTR T_6 records corresponding to DG 6001, along with related trailer data corresponding to DG 6016.
[176-03] Hierarchical Level Code (DG 7001)
Use '7' to indicate that the HL loop contains information from DTR T_7 records corresponding to DG 7001
[179-03] Hierarchical Level Code (DG 8001)
Use '8' to indicate that the HL loop contains information from DTR T_8 records corresponding to DG 8001, along with related trailer data corresponding to DG 8013 and DG 8017.
[191-03] Hierarchical Level Code (DG 9013)
Use '9' to indicate that the HL loop contains information from DTR T_9 records (trailer data) corresponding to DG 9013.
[209-03] Hierarchical Level Code (DG 9014)
Use code value 'ZZ' to indicate that the HL loop identifies seal numbers and the applier of a replacement seal number (from DTR T_9 records) for a SEAVAN shipment unit corresponding to M7 segment of DG 9014.
[212-03] Hierarchical Level Code (DG 9801)
Use code value '24' to indicate that the HL loop identifies the Pallet Header Heirarchical Level.

1   Service/Billing Provider
Code identifying the telecommunications company providing service/billing
[54-03] Service/Billing Provider
Use '1' to denote DG 1001 (and related DG 1014) Heirarchical Level

		2	Billing Arrangement	

2   Billing Arrangement
Code identifying a specified billing arrangement

> [88-03] Billing Arrangement
> Use '2' to denote DG 2001 (and related DG 2014 and DG 2015) Heirarchical Level

3   Sub-Billing Arrangement
Code identifying a more detailed billing arrangement

> [120-03] Sub-Billing Arrangement
> Use '3' to denote DG 3001 (and related DG 3014) Heirarchical Level

5   Category
Code identifying the sub-division of the group

> [145-03] Category
> Use '5' to denote DG 5001 (and related DG 5013) Heirarchical Level

6   Sub-Category
Code identifying a further breakdown of the category

> [156-03] Sub-Category
> Use '6' to denote DG 6001 (and related DG 6016) Heirarchical Level

7   Type
Code identifying a further breakdown of the sub-category

> [176-03] Type
> Use '7' to denote DG 7001 Heirarchical Level

8   Charge Detail
Code identifying the lowest level of charges within a billing arrangement

> [179-03] Charge Detail
> Use '8' to denote DG 8001 (and related DG 8013 and DG 8017) Heirarchical Level

9   Line Detail
Code identifying the supporting detail associated with the charge or group

> [191-03] Line Detail
> Use '9' to denote DG 9013 Heirarchical Level

24   Supergroup

> [212-03] Supergroup
> Use '24' to denote Pallet Header Heirarchical Level

ZZ   Mutually Defined

> [209-03] Mutually Defined
> Use 'ZZ' to denote DG 9014 Hierarchical Level

X   HL04   736   Hierarchical Child Code   O   ID 1/1
Code indicating if there are hierarchical child data segments subordinate to the level being described
Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:	**N7** Equipment Details
Position:	020
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify the equipment
Syntax Notes:	**1** If either N703 or N704 is present, then the other is required.
	2 If either N705 or N716 is present, then the other is required.
	3 If either N708 or N709 is present, then the other is required.
Semantic Notes:	**1** N712 is the owner of the equipment.
	2 N723 is the operator or carrier of the rights of the equipment.
Comments:	**1** N701 is mandatory for rail transactions.
	2 N720 and N721 are expressed in inches.

Notes:
[55] N7 SEGMENT - Empty SEAVAN Details (DG 1001)
SEGMENT CONDITION: Use for empty SEAVAN only.
[89] N7 SEGMENT - Container Information (DG 2001)
SEGMENT CONDITION: Use this segment only for SEAVAN.
[121] N7 SEGMENT - Other Consolidation Identification Number (DG 3014)
CHANGE NOTE: Segment DataGroup changed to 3014 per DM 663.
SEGMENT CONDITION: Use this segment for other consolidation shipments.
[213] N7 SEGMENT - Pallet Details (DG 9801)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> **N701**	**206**	**Equipment Initial**	**O AN 1/4**

Prefix or alphabetic part of an equipment unit's identifying number

[55-01] Empty SEAVAN Ownership Code (DG 1001)
ELEMENT CONDITION: For SEAVAN enter the ownership code which is the first four positions of the ISO container ID number. If none, enter the value 'XXXX' and list the clear text name of the SEAVAN owner in the DG 9013 NTE segment (HL loop position 140).
SOURCE: IATA Unit Load Devices Manual available from International Air Transport Association
[89-01] SEAVAN Ownership Code (DG 2001)
For SEAVAN enter the ownership code which is the first four positions of the ISO container ID number. If none, enter the value 'XXXX' and list the clear text name of the SEAVAN owner in the DG 9013 NTE segment (HL loop position 140).
SOURCE: IATA Unit Load Devices Manual available from International Air Transport Association
[213-01] Module Type (DG 9801)
Select and enter the applicable Module Type from the following Table Management Distribution System (TMDS) data values to denote DoD definitions
as indicated (See DTR, Part II, Appendix DD):

A - Non-unitized, Rolling Stock
B - Pallet up to 76 inches
C - Containerized, skidded cargo
D - Pallet for 727/707/DC-9/L-100/DC-8 stretched model
E - Pallet up to 60 inches
F - Pallet for DC-10 (2L-12R), MD-11 (2-14)
G - Pallet with a propeller
H - C-130 Ramp pallet
I - ISU Pallet
J - Pallet for C130 (6" aisle way)
K - KC-135
L - Pallet for C-5, L-100, C-130, B-747 (upstairs), C-141, C-17

M	N702	207	**Equipment Number**	M	AN 1/10

Sequencing or serial part of an equipment unit's identifying number (pure
numeric form for equipment number is preferred)

[55-02] Empty SEAVAN Container Serial Number (DG 1001)
Enter the serial number marked on the container by the van owner. Do not
include the van owner code (first 4 characters of the container ID number) or
the check digit (11th character of the ID number). Include alphabetic characters
but exclude special characters such as dashes, slashes, or other symbols.
[89-02] SEAVAN Container Serial Number (DG 2001)
Enter the serial number marked on the container by the van owner. Do not
include the van owner code (first 4 characters of the container ID number) or
the check digit (11th character of the ID number). Include alphabetic characters
but exclude special characters such as dashes, slashes, or other symbols.
[121-02] Other Consolidation Identification Number (DG 3014)
Enter the identification number marked on the consolidation.
[213-02] Pallet ID (DG 9801)
Enter the pallet ID assigned by the loading activity.

In sequenced order:
[DTR TAB 21/23]
[DTR TAB 4/5]
[TAB 67/67]

X	N703	81	**Weight**	X	R 1/10

Numeric value of weight

X	N704	187	**Weight Qualifier**	X	ID 1/2

Code defining the type of weight

Refer to 004010 Data Element Dictionary for acceptable code values.

X	N705	167	**Tare Weight**	X	N0 3/8

Weight of the equipment

X	N706	232	**Weight Allowance**	O	N0 2/6

Allowance made for increased weight due to such factors as snow

X	N707	205	**Dunnage**	O	N0 1/6

Weight of material used to protect lading (even bracings, false floors, etc.)

>>	N708	183	**Volume**	X	R 1/8

Value of volumetric measure

[89-08] Cubic Capacity of SEAVAN (DG 2001)
Enter using whole cubic feet. Use only for SEAVAN shipments.

>>	N709	184	**Volume Unit Qualifier**	X	ID 1/1

Code identifying the volume unit

[89-09] Cubic Capacity of SEAVAN Qualifier (DG 2001)

	E		Cubic Feet		

[89-09] Cubic Feet

X	N710	102	**Ownership Code**	O	ID 1/1

Code indicating the relationship of equipment to carrier or ownership of
equipment
Refer to 004010 Data Element Dictionary for acceptable code values.

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

Code identifying type of equipment used for shipment
Refer to 004010 Data Element Dictionary for acceptable code values.

X	N712	140	**Standard Carrier Alpha Code**	O	ID 2/4

Standard Carrier Alpha Code

X	N713	319	**Temperature Control**	O	AN 3/6

Free-form abbreviation of temperature range or flash-point temperature

	N714	219	**Position**	O	AN 1/3

Relative position of shipment in car, trailer, or container (mutually defined)

> [213-14] Pallet Serial Number (DG 9801)
> ELEMENT CONDITION: Enter the serial number assigned by the pallet loading activity if other than an aerial port. This is not the number stamped on Pallet Data Plate.

>>	N715	567	**Equipment Length**	O	N0 4/5

Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)

> [55-15] Empty SEAVAN Actual Length (DG 1001)
> For empty SEAVAN enter the actual van length in feet. Left-fill with zeros as required to satisfy X12-mandated field size of four numeric digits.
> [89-15] SEAVAN Length (DG 2001)
> Enter the length in feet.

X	N716	571	**Tare Qualifier Code**	X	ID 1/1

Code identifying the type of tare

Refer to 004010 Data Element Dictionary for acceptable code values.

X	N717	188	**Weight Unit Code**	O	ID 1/1

Code specifying the weight unit

Refer to 004010 Data Element Dictionary for acceptable code values.

	N718	761	**Equipment Number Check Digit**	O	N0 1/1

Number which designates the check digit applied to a piece of equipment

> [55-18] Empty SEAVAN Container Number Check Digit (DG 1001)
> As applicable, enter the check digit marked on the container. The check digit is a number separated from the container number by a dash, space, or slash.
> [89-18] SEAVAN Container Number Check Digit (DG 2001)
> As applicable, enter the check digit marked on the container. The check digit is a number separated from the container number by a dash, space, or slash.

X	N719	56	**Type of Service Code**	O	ID 2/2

Code specifying extent of transportation service requested

Refer to 004010 Data Element Dictionary for acceptable code values.

X	N720	65	**Height**	O	R 1/8

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

X	N721	189	**Width**	O	R 1/8

Shorter measurement of the two horizontal dimensions measured with the object in the upright position

X	N722	24	**Equipment Type**	O	ID 4/4

Code identifying equipment type

>>	N723	140	**Standard Carrier Alpha Code**	O	ID 2/4

Standard Carrier Alpha Code

> [89-23] Ocean Carrier Code (DG 2001)
> For SEAVAN(s).
> SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.

X	N724	301	**Car Type Code**	O	ID 1/4

Code specifying type of rail car or intermodal equipment type and its general characteristics

			Segment:	**M7** Seal Numbers

Segment: **M7** Seal Numbers
Position: 040
Loop: HL   Mandatory
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To record seal numbers used and the organization that applied the seals
Syntax Notes:
Semantic Notes:
Comments: 1   M705 indicates the name of the organization which applied the seal(s).
Notes: [210] M7 SEGMENT - SEAVAN Seal Number and Replacement Seal Number (DG 9014)
SEGMENT CONDITION: Use this segment for SEAVAN shipments. Repeat the HL loop and this segment for each seal number. To link the seal number with the applicable applier, only one M7 segment may be used per HL loop.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	M701	225	**Seal Number**	M	AN 2/15
			Unique number on seal used to close a shipment		
			[210-01] SEAVAN Seal Number and Replacement Seal Number (DG 9014) Enter seal number. Use for original seal. Also, use when original seal is removed and replaced with a new seal.		
X	M702	225	**Seal Number**	O	AN 2/15
			Unique number on seal used to close a shipment		
X	M703	225	**Seal Number**	O	AN 2/15
			Unique number on seal used to close a shipment		
X	M704	225	**Seal Number**	O	AN 2/15
			Unique number on seal used to close a shipment		
X	M705	98	**Entity Identifier Code**	O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment:	**N5** Equipment Ordered
Position:	050
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify carrier equipment
Syntax Notes:	1 If either N507 or N508 is present, then the other is required.
Semantic Notes:	
Comments:	1 N506 is expressed in inches.
Notes:	[90] N5 SEGMENT - Length of SEAVAN Ordered (DG 2001)
	SEGMENT CONDITION: Do not use for empty vans.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
>>	N501	567	**Equipment Length**	O	N0 4/5
			Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)		
			[90-01] Length of SEAVAN Ordered (DG 2001)		
			Enter the length of the SEAVAN ordered, in feet.		
X	N502	233	**Weight Capacity**	O	N0 2/3
			Capacity of car ordered (stated in 1000 pound units or 1000 kilogram units)		
X	N503	203	**Cubic Capacity**	O	N0 2/4
			Capacity of car ordered (cubic feet unless otherwise specified)		
X	N504	301	**Car Type Code**	O	ID 1/4
			Code specifying type of rail car or intermodal equipment type and its general characteristics		
X	N505	216	**Metric Qualifier**	O	ID 1/1
			Code used to indicate that measurements are given in metric units		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N506	65	**Height**	O	R 1/8
			Vertical dimension of an object measured when the object is in the upright position		
X	N507	643	**Lading Percentage**	X	N2 2/4
			Commodity percentage for rating		
X	N508	644	**Lading Percent Qualifier**	X	ID 1/1
			Code identifying type of lading percentage		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N509	40	**Equipment Description Code**	O	ID 2/2
			Code identifying type of equipment used for shipment		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

| | **Segment:** | **REF** Reference Identification |

Segment:	**REF** Reference Identification
Position:	060
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	5
Purpose:	To specify identifying information
Syntax Notes:	**1** At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	**1** REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	[56] REF SEGMENT - Empty Container Indicator (DG 1001)

[56] REF SEGMENT - Empty Container Indicator (DG 1001)
SEGMENT CONDITION: Use to identify an empty SEAVAN.
[57] REF SEGMENT - DoD Leased/Controlled Container Indicator (DG 1001)
SEGMENT CONDITION: Use segment to indicate a DoD Leased/Controlled Container.
[58] REF SEGMENT - Type of Shipment Code (DG 1001)
[59] REF SEGMENT - POE/POD Identification (DG 1001)
SEGMENT CONDITION: Use this segment for water or air shipment only of single shipment units to a port of Embarkation (POE). Do not use when shipping to a CCP.
[60] REF SEGMENT - Van Point of Origin ZIP Code (DG 1014)
SEGMENT CONDITION: Use for SEAVAN shipments only.
[91] REF SEGMENT - Type of Shipment Code (DG 2001)
[92] REF SEGMENT - DoD Leased/Controlled Container Indicator (DG 2001)
SEGMENT CONDITION: Use segment to indicate a DoD Leased/Controlled Container.
[93] REF SEGMENT - Container Loading Information (DG 2001)
Identifies the load configuration within the container and the activity loading it.

Repeat the segment for each load situation (i.e., when the initial, partial load is done by one activity with loading completed by another activity).
SEGMENT CONDITION: Only used when the T_2 is for a container, not used for 463L pallet shipments.
[122] REF SEGMENT - Type of Shipment Code (DG 3001)
[192] REF SEGMENT - Classified Shipment Container Number (DG 9013)
SEGMENT CONDITION: Use for Classified Shipment Container Number. Repeat segment for each different container number.
[193] REF SEGMENT - Controlled Inventory Item Code (CIIC) (DG 9013)
CHANGE NOTE: Segment added per DM 842.
SEGMENT CONDITION: Required for all DoD managed inventory items that have a CIIC assigned.
[214] REF SEGMENT - Air POE Identification (DG 9801)
SEGMENT CONDITION: Use this segment for water or air shipment of a capped pallet to a POE.
[215] REF SEGMENT - Air POD Identification (DG 9801)
SEGMENT CONDITION: Use this segment for water or air shipment of a capped pallet to a POD.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3
			Code qualifying the Reference Identification	

[56-01] Empty Container Indicator Qualifier (DG 1001)
[57-01] DoD Leased/Controlled Container Indicator Qualifier (DG 1001)
[58-01] Type of Shipment Qualifier (DG 1001)
[59-01] POE Qualifier Code (DG 1001)
[60-01] Van Point of Origin ZIP Code Qualifier (DG 1014)
[91-01] Type of Shipment Qualifier (DG 2001)
[92-01] DoD Leased/Controlled Container Indicator Qualifier (DG 2001)
[93-01] Container Loading Information Qualifier (DG 2001)

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4B	Shipment Origin Code	

[60-01] Shipment Origin Code
Use '4B' to denote Van Point of Origin ZIP Code

| 55 | Sequence Number | |

[59-01] Sequence Number
Use '55' to denote Port of Embarkation
[214-01] Sequence Number
Use '55' to denote Port of Embarkation

| 6W | Sequence Number | |

[215-01] Sequence Number
Use '6W' to denote Port of Debarkation

| 8R | Security Type | |

[193-01] Security Type
Use '8R' to denote Controlled Inventory Item Code

| 98 | Container/Packaging Specification Number | |

A numeric or alphanumeric identification assigned to a unique packaging/container configuration

[192-01] Container/Packaging Specification Number
Use '98' to denote Classified Shipment Container Number

| BE | Business Activity | |

[56-01] Business Activity
Use 'BE' to denote Empty Container Indicator

| IL | Internal Order Number | |

[93-01] Internal Order Number
Use 'IL' to denote Container Loading Information

| OP | Original Purchase Order | |

[57-01] Original Purchase Order
Use 'OP' to denote DoD Leased/Controlled Container Indicator
[92-01] Original Purchase Order
Use 'OP' to denote DoD Leased/Controlled Container Indicator

| ZZ | Mutually Defined | |

[58-01] Mutually Defined
Use 'ZZ' to denote Type of Shipment
[91-01] Mutually Defined
Use 'ZZ' to denote Type of Shipment
[122-01] Mutually Defined
Use 'ZZ' to denote Type of Shipment

>>   **REF02**   127   **Reference Identification**   X   AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

[56-02] Empty Container Indicator (DG 1001)
Enter value 'EMPTY' to indicate an Empty Container.
[57-02] DoD Leased/Controlled Container Indicator (DG 1001)
Enter value 'LEASED' to indicate DoD Leased/Controlled Container.
[58-02] Type of Shipment Code (DG 1001)
This is the second position of the TCMD Document Identifier code as defined by the 'Document Id 2nd Position Code' table found in USTranscom Reference Data Management (TRDM), mirrored at
http://www.transcom.mil/dteb/files/refdata/V_DOC_ID_2_DOM.htm.

Reference added per DM 1053.
[59-02] POE Identifier Qualifier (DG 1001)
Enter value 'SEA' or value 'AIR' to denote Port Code Type.
[60-02] Van Point of Origin ZIP Code (DG 1014)
Enter Van's point of origin five-digit ZIP code with optional hyphen and ZIP + 4.
[91-02] Type of Shipment Code (DG 2001)
This is the second position of the TCMD Document Identifier code as defined by the 'Document Id 2nd Position Code' table found in USTranscom Reference Data Management (TRDM), mirrored at http://www.transcom.mil/dteb/files/refdata/V_DOC_ID_2_DOM.htm.

Reference added per DM 1053.
[92-02] DoD Leased/Controlled Container Indicator (DG 2001)
Enter value 'LEASED' to denote DoD Leased/Controlled Container.
[93-02] Container Loading Information (DG 2001)
Enter the following values to denote the DoD definitions indicated:

FULL - Container Loaded to its Capacity
NOT FULL - Container Loaded to Less than its Capacity.
NOT FULL - MIXED - Container Loaded to Less than its Capacity with Military and Commercial Cargo, Commingled IAW the SDDC Container Agreement and
Rate Guide
[122-02] Type of Shipment Code (DG 3001)
This is the second position of the TCMD Document Identifier code as defined by the 'Document Id 2nd Position Code' table found in USTranscom Reference Data Management (TRDM), mirrored at http://www.transcom.mil/dteb/files/refdata/V_DOC_ID_2_DOM.htm.

Reference added per DM 1053.
[192-02] Classified Shipment Container Number (DG 9013)
Enter container number. For ISO containers (e.g., SEAVANs) enter all 11 characters of the container ID number (owner code, serial number, check digit).
[193-02] Controlled Inventory Item Code (DG 9013)
Enter CIIC from the authoritative code source, DoD 4100.39R (FLIS Manual) Volume 10, Table 61.
[214-02] Air POE Identifier Qualifier (DG 9801)
Enter value 'AIR' to denote Port Code type.
[215-02] Air POD Identifier Qualifier (DG 9801)
Enter value 'AIR' to denote Port Code type.

>>	REF03	352	Description	X	AN 1/80

A free-form description to clarify the related data elements and their content

[59-03] POE Identifier (DG 1001)
Use three-position port code.
[93-03] Container Loading Activity (DG 2001)
Enter the applicable value from the following to denote the indicated DoD definition:

CARRIER - Ocean Carrier
CONTRACT CCP - Contract Shipment Consolidation Facility
MIL SHIPPER - Military Shipping Activity
MIL TERMINAL - Military Terminal
VENDOR - Commercial Vendor
[214-03] Air POE Code (DG 9801)
Use three-position port code.
[215-03] Air POD Code (DG 9801)
Use three-position port code.

	REF04	**C040**	**Reference Identifier**		**O**

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

[59-04] POD Composite Element Header (DG 1001)
CHANGE NOTE: Composite element added per DM 680.
COMPOSITE CONDITION: Use this element for water or air shipment of a single shipment unit when planned for movement through a designated POD for the Consignee.

M	**C04001**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**

 Code qualifying the Reference Identification

[59-04-01] POD Qualifier Code (DG 1001)
By placing code value '6W' (DE 128 unit qualifier) in the C04001, you are satisfying X12 syntax requirements for the composite data element.

6W   Sequence Number

[59-04-01] Sequence Number
Use '6W' to denote Port of Debarkation

M	**C04002**	**127**	**Reference Identification**	**M**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

[59-04-02] POD Identifier Qualifier (DG 1001)
Use three-position port code.

X	**C04003**	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**

 Code qualifying the Reference Identification

Refer to 004010 Data Element Dictionary for acceptable code values.

X	**C04004**	**127**	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

X	**C04005**	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**

 Code qualifying the Reference Identification

Refer to 004010 Data Element Dictionary for acceptable code values.

X	**C04006**	**127**	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	Segment:	**VC** Motor Vehicle Control
	Position:	080
	Loop:	HL Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	24
	Purpose:	To define motor vehicle identification and logistics
	Syntax Notes:	
	Semantic Notes:	1 VC05 is the automotive manufacturer route code.
	Comments:	
	Notes:	[146] VC SEGMENT - Serial Number (DG 5001)
		SEGMENT CONDITION: Use for shipments of Government vehicles, trailers, tracked/wheeled guns, and aircraft.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	VC01	539	**Vehicle Identification Number**	M	AN 1/25
			Unique identification number stamped on the vehicle by the manufacturer		
			[146-01] Serial Number (DG 5001) Enter the Serial Number for each shipment unit.		
X	VC02	836	**Vehicle Deck Position Code**	O	ID 2/2
			Code to identify the specific position of a vehicle on multi-level equipment; when dealing with rail cars the front end will be defined as that end of the rail car which the vehicle faces		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	VC03	837	**Vehicle Type Code**	O	ID 1/1
			Vehicle Type Code for freight rate and claims purposes		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	VC04	838	**Dealer Code**	O	AN 2/9
			A code assigned by a manufacturer to identify their dealers		
X	VC05	1	**Route Code**	O	AN 1/13
			Mutually defined route code		
X	VC06	839	**Bay Location**	O	AN 1/6
			Location where the releasing agent placed the motor vehicle		
X	VC07	833	**Automotive Manufacturers Code**	O	ID 2/2
			Code (ARR) used to identify vehicle manufacturer		
X	VC08	308	**Damage Exception Indicator**	O	ID 1/1
			Code to indicate whether damage is being reported to a vehicle in this transaction set		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	VC09	835	**Supplemental Inspection Code**	O	ID 1/1
			A code to indicate a supplemental inspection		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	VC10	583	**Factory Car Order Number**	O	AN 6/10
			This number to be supplied by the shipper for Canadian customer requirements at border points for all finished motor vehicles exported to the United States from Canada		
X	VC11	877	**Vessel Stowage Location**	O	AN 1/12
			Location of cargo stowed on board an ocean vessel		

		Segment:	**L7** Tariff Reference

Segment: **L7** Tariff Reference
Position: 090
Loop: HL   Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To reference details of the tariff used to arrive at applicable rates or charge
Syntax Notes:
Semantic Notes: 1   L710 is the effective date.
                 2   In L715 and L716, "City" and "State" are used for rate combination city and state.

Comments:
Notes: [94] L7 SEGMENT - Stop-Off DoDAAC (DG 2015)
SEGMENT CONDITION: This segment is required when describing stop-offs for a shipment unit as part of a SEAVAN consolidation. Repeat up to ten times for each Stop-Off DoDAAC.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
X	L701	213	**Lading Line Item Number**	O	N0 1/3
			Sequential line number for a lading item		
X	L702	168	**Tariff Agency Code**	O	ID 1/4
			Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment		
>>	L703	171	**Tariff Number**	O	AN 1/7
			Standard tariff number for the tariff which governs the rates applied to the commodity item(s)		
			[94-03] Stop-Off DoDAAC (DG 2015) Enter Stop-Off DoDAAC.		
>>	L704	172	**Tariff Section**	O	AN 1/2
			Number used as an extension of the basic tariff number to identify the rates published within specific sections of the tariff		
			[94-04] Stop-Off Number (DG 2015) Enter the stop-off sequence number for the shipment. Sequence numbers range from 1-9.		
X	L705	169	**Tariff Item Number**	O	AN 1/16
			Number assigned in the tariff to specific rate or group of rates that applies to one or more items in the shipment		
X	L706	170	**Tariff Item Part**	O	N0 1/2
			Number assigned to subsection of a specific tariff item (arbitrary)		
X	L707	59	**Freight Class Code**	O	AN 2/5
			Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.		
X	L708	173	**Tariff Supplement Identifier**	O	AN 1/4
			Identifier for the tariff supplement which contains the rate used		
X	L709	46	**Ex Parte**	O	AN 4/4
			Level of rates as published in the tariff		
X	L710	373	**Date**	O	DT 8/8
			Date expressed as CCYYMMDD		
X	L711	119	**Rate Basis Number**	O	AN 1/6
			The (mileage) factor published for rating purposes in the appropriate tariff		
X	L712	227	**Tariff Column**	O	AN 1/2
			A tariff commodity classification that is used, as a means of control, for grouping of commodities in tariff applications		
X	L713	294	**Tariff Distance**	O	N0 1/5
			Distance on which the rate for a shipment is based		

| X | L714 | 295 | **Distance Qualifier** | **O** | **ID 1/1** |

Code identifying the distance unit

Refer to 004010 Data Element Dictionary for acceptable code values.

| X | L715 | 19 | **City Name** | **O** | **AN 2/30** |

Free-form text for city name

| X | L716 | 156 | **State or Province Code** | **O** | **ID 2/2** |

Code (Standard State/Province) as defined by appropriate government agency

Segment:	**N9** Reference Identification
Position:	100
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	10
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	[61] N9 SEGMENT - Stop-Off Indicator (DG 1001)

[61] N9 SEGMENT - Stop-Off Indicator (DG 1001)
SEGMENT CONDITION: This segment is required and used only when describing stop-offs for a shipment unit as part of a SEAVAN consolidation.
[62] N9 SEGMENT - Short Shelf Life Identification Code (DG 1001)
SEGMENT CONDITION: Use for air shipments only, when shelf life is applicable.
[63] N9 SEGMENT - TCN (DG 1001)
[64] N9 SEGMENT - Transportation Tracking Number (TTN) (DG 1001)
CHANGE NOTE: Segment added per DM 888.
SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number (TTN) is applicable.
[65] N9 SEGMENT - Project Code (DG 1001)
SEGMENT CONDITION: Required when Project Code applies.
[66] N9 SEGMENT - Air Dimension Code (DG 1001)
SEGMENT CONDITION: Required and used only for air shipments.
[67] N9 SEGMENT - Defense Courier Service Station (DCSS) Collocation Indicator (DG 1001)
SEGMENT CONDITION: Use this segment only for single shipments by Defense Courier Service Station.
[68] N9 SEGMENT - Estimated Transit Days to POE (DG 1001)
SEGMENT CONDITION: This segment applies to single shipments to a POE -- not in a SEAVAN/RORO.
[69] N9 SEGMENT - Water Type Cargo Code (DG 1001)
SEGMENT CONDITION: This segment is used only for and required for water shipments.
[70] N9 SEGMENT - Special Handling Code (DG 1001)
SEGMENT CONDITION: Use this segment for shipments transiting through an Air or Sea Port. Not needed for truck movements.
[95] N9 SEGMENT - TCN (DG 2001)
[96] N9 SEGMENT - Transportation Tracking Number (TTN) (DG 2001)
CHANGE NOTE: Segment added per DM 888.
SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number (TTN) is applicable.
[97] N9 SEGMENT - Project Code (DG 2001)
SEGMENT CONDITION: Use for 463L pallets only with a single Project Code.
[98] N9 SEGMENT - Consignee Distribution (CDIST) Code (DG 2001)
SEGMENT CONDITION: This segment is required when describing the number of consignees for a single stop or the number of stop-offs for shipment units as part of a SEAVAN/RORO consolidation.
[99] N9 SEGMENT - Estimated Transit Days to POE (DG 2001)
SEGMENT CONDITION: This segment applies to SEAVAN/RORO/463L shipments to a POE. Do not use for water manifest.
[100] N9 SEGMENT - Water Type Cargo Code (DG 2001)
SEGMENT CONDITION: This segment is required and used only for water shipments.
[101] N9 SEGMENT - Special Handling Code (DG 2001)
SEGMENT CONDITION: Use this segment for shipments transiting through an Air or Sea Port. Not needed for truck movements.

[102] N9 SEGMENT - Air Dimension Code (DG 2001)
SEGMENT CONDITION: Required for air shipments.
[103] N9 SEGMENT - Short Shelf Life Identification Code (DG 2001)
SEGMENT CONDITION: Use for RORO shipment by air when shelf life is applicable.
[123] N9 SEGMENT - Stop-Off Indicator (DG 3001)
SEGMENT CONDITION: This segment is required and used only when describing stop-offs for a consolidated shipment loaded into a SEAVAN.
[124] N9 SEGMENT - Estimated Transit Days to POE (DG 3001)
SEGMENT CONDITION: This segment applies to consolidations not in a SEAVAN/RORO/463L.
[125] N9 SEGMENT - TCN (DG 3001)
[126] N9 SEGMENT - Transportation Tracking Number (TTN) (DG 3001)
CHANGE NOTE: Segment added per DM 888.
SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number (TTN) is applicable
[127] N9 SEGMENT - Project Code (DG 3001)
SEGMENT CONDITION: Required when Project Code applies.
[128] N9 SEGMENT - Short Shelf Life Identification Code (DG 3001)
SEGMENT CONDITION: Use for air shipments, when shelf life is applicable.
[129] N9 SEGMENT - Water Type Cargo Code (DG 3001)
SEGMENT CONDITION: This segment is required for water shipments.
[130] N9 SEGMENT - Special Handling Code (DG 3001)
SEGMENT CONDITION: Use this segment for shipments transiting through an Air or Sea Port. Not needed for truck movements.
[131] N9 SEGMENT - Air Dimension Code (DG 3001)
SEGMENT CONDITION: Required for air shipments.
[147] N9 SEGMENT - Basic Issue Item Pieces (DG 5001)
SEGMENT CONDITION: Applies to Government vehicles, trailers, tracked/wheeled guns, and aircraft.
[157] N9 SEGMENT - National Stock Number (NSN)/Part Number (DG 6001)
SEGMENT CONDITION: For a single line item shipment, enter the NSN or the CAGE code and Part number if the NSN is not known. When multiple line items are consolidated and the consolidation container comprises 51 percent or more by weight of a single NSN, enter the NSN (or the CAGE and Part-Number).
[180] N9 SEGMENT - Type of Personal Property Shipment Code (DG 8001)
SEGMENT CONDITION: Use when describing personal property.
[181] N9 SEGMENT - Household Goods and Baggage Carrier SCAC (DG 8001)
SEGMENT CONDITION: Required if ITGBL code is 'T', 'J', or '5'.
[182] N9 SEGMENT - POV License Plate Number (DG 8001)
SEGMENT CONDITION: Use when describing POVs.
[194] N9 SEGMENT - Classified Shipment Seal Number (DG 9013)
SEGMENT CONDITION: Use for Classified Shipment Container Seal Number. Repeat segment for each different seal number.
[195] N9 SEGMENT - Serial Shipping Container Code (SSCC) (DG 9013)
SEGMENT CONDITION: Use when shipment is marked with a Serial Shipping Container Code (SSCC).
[216] N9 SEGMENT - Air Dimension Code (DG 9801)
SEGMENT CONDITION: Required and used only for air shipments.
[217] N9 SEGMENT - Pallet Configuration Code (DG 9801)
[218] N9 SEGMENT - Cargo Type Classification Code (DG 9801)
[219] N9 SEGMENT - Personal Property Code (DG 9801)
SEGMENT CONDITION: Required and used only for personal property shipments.
[220] N9 SEGMENT - Chain or Devices Tie Down Code (DG 9801)
SEGMENT CONDITION: Use if chain or device is used for tie down.
[221] N9 SEGMENT -   Top Net, Side Net, or Strap Tie Down Code (DG 9801)
SEGMENT CONDITION: Use if Top Net, Side Net, or Strap is used for tie down.
[222] N9 SEGMENT - Center of Balance of Pallet Train (DG 9801)
SEGMENT CONDITION: Use if 463L pallet configuration is a pallet train.
[223] N9 SEGMENT - Pallet Overhang Direction Code (DG 9801)
SEGMENT CONDITION: Required when cargo overhangs the physical edges of the 463L pallet.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N901	128	**Reference Identification Qualifier**	**M**	**ID 2/3**

Code qualifying the Reference Identification

[61-01] Stop-Off Indicator Qualifier (DG 1001)
[62-01] Short Shelf Life Identification Code Qualifier (DG 1001)
CHANGE NOTE: Code value 'P5' changed to 'SHL' per DM 814.
[63-01] TCN Qualifier (DG 1001)
[64-01] Transportation Tracking Number (TTN) Qualifier (DG 1001)
[65-01] Project Code Qualifier (DG 1001)
[66-01] Air Dimension Code Qualifier (DG 1001)
[67-01] DCSS Collocation Indicator Qualifier (DG 1001)
[68-01] Estimated Transit Days to POE Qualifier (DG 1001)
[69-01] Water Type Cargo Code Qualifier (DG 1001)
[70-01] Special Handling Code Qualifier (DG 1001)
[95-01] TCN Qualifier (DG 2001)
[96-01] Transportation Tracking Number (TTN) Qualifier (DG 2001)
[97-01] Project Code Qualifier (DG 2001)
[98-01] Consignee Distribution (CDIST) Code Qualifier (DG 2001)
NOTE: Code changed from 'QN' to '6A' per DM 1022.
[99-01] Estimated Transit Days to POE Qualifier (DG 2001)
[100-01] Water Type Cargo Code Qualifier (DG 2001)
[101-01] Special Handling Code Qualifier (DG 2001)
[102-01] Air Dimension Code Qualifier (DG 2001)
[103-01] Short Shelf Life Identification Code Qualifier (DG 2001)
[123-01] Stop-Off Indicator Qualifier (DG 3001)
[124-01] Estimated Transit Days to POE Qualifier (DG 3001)
[125-01] TCN Qualifier (DG 3001)
[126-01] Transportation Tracking Number (TTN) Qualifier (DG 3001)
[127-01] Project Code Qualifier (DG 3001)
[128-01] Short Shelf Life Identification Code Qualifier (DG 3001)
[129-01] Water Type Cargo Code Qualifier (DG 3001)
[130-01] Special Handling Code Qualifier (DG 3001)
[131-01] Air Dimension Code Qualifier (DG 3001)
[147-01] Basic Issue Item (BII) Qualifier (DG 5001)
[157-01] NSN/Part Number Qualifier (DG 6001)
[180-01] Type of Personal Property Shipment Code Qualifier (DG 8001)
[181-01] Household Goods and Baggage Carrier SCAC Qualifier (DG 8001)
[182-01] POV License Plate Number Qualifier (DG 8001)
[194-01] Classified Shipment Seal Number Qualifier (DG 9013)
[195-01] SSCC Qualifier (DG 9013)
[216-01] Air Dimension Code Qualifier (DG 9801)
[217-01] Pallet Configuration Code Qualifier (DG 9801)
[218-01] Cargo Type Classification Code Qualifier (DG 9801)
[219-01] Personal Property Code Qualifier (DG 9801)
[220-01] Chain or Devices Tie Down Code Qualifier (DG 9801)
[221-01] Top Net, Side Net, or Strap Tie Down Code Qualifier (DG 9801)
[222-01] Center of Balance Qualifier (DG 9801)
[223-01] Pallet Overhang Direction Code Qualifier (DG 9801)
[224-01] Equivalent Pallet Positions Qualifier (DG 9801)
[225-01] Air Special Handling Code Qualifier (DG 9801)

	18	Plan Number

The unique identification number assigned for a defined contribution plan

[64-01] Plan Number
Use '18' to denote Transportation Tracking Number (TTN)
[96-01] Plan Number
Use '18' to denote Transportation Tracking Number (TTN)
[126-01] Plan Number
Use '18' to denote Transportation Tracking Number (TTN)

	6A	Consignee Reference Number

[98-01] Consignee Reference Number
Use '6A' to denote Consignee Distribution (CDIST) Code

	8R	Security Type

[220-01] Security Type
Use '8R' to denote Chain or Devices Tie Down Code

	8X	Transaction Category or Type

[218-01] Transaction Category or Type
Use '8X' to denote Cargo Type Classification Code

	8Z	Alternate Clause Number

[224-01] Alternate Clause Number
Use '8Z' to denote Number of Equivalent Pallet Positions

	ADM	Air Dimension Code

[66-01] Air Dimension Code
[102-01] Air Dimension Code
[131-01] Air Dimension Code
[216-01] Air Dimension Code

	AHC	Air Handling Code

[70-01] Air Handling Code
[101-01] Air Handling Code
[130-01] Air Handling Code

	AR	Arrival Code

[68-01] Arrival Code
Use 'AR' to denote Transit Days to POE
[99-01] Arrival Code
Use 'AR' to denote Transit Days to POE
[124-01] Arrival Code
Use 'AR' to denote Estimated Transit Days to POE

	COL	Collocation Indicator

[67-01] Collocation Indicator

	D7	Coverage Code

Type of protection provided by an insurance policy

[225-01] Coverage Code
Use 'D7' to denote Air Special Handling Code

	GY	Empty Repositioning Number

Number used to authorize and track an empty container or bare chassis or generator set being repositioned for later use

[223-01] Empty Repositioning Number
Use 'GY' to denote Pallet Overhang Direction Code

	HHT	Type of Household Goods Code

[180-01] Type of Household Goods Code

LA	Shipping Label Serial Number	
	[195-01] Shipping Label Serial Number Use 'LA' to denote SSCC	
LV	License Plate Number	
	[182-01] License Plate Number	
NS	National Stock Number	
	[157-01] National Stock Number	
P4	Project Code	
	[65-01] Project Code [97-01] Project Code [127-01] Project Code	
P5	Position Code	
	[222-01] Position Code Use 'P5' to denote Center of Balance	
PHC	Process Handling Code	
	[69-01] Process Handling Code Use 'PHC' to denote Water Type Cargo Code [100-01] Process Handling Code Use 'PHC' to denote Water Type Cargo Code [129-01] Process Handling Code Use 'PHC' to denote Water Type Cargo Code	
PM	Part Number	
	[157-01] Part Number Use 'PM' to denote CAGE + Part Number	
Q5	Property Control Number	
	[219-01] Property Control Number Use 'Q5' to denote Personal Property Code	
QN	Stop Sequence Number	
	[61-01] Stop Sequence Number [123-01] Stop Sequence Number	
SCA	Standard Carrier Alpha Code (SCAC)	
	[181-01] Standard Carrier Alpha Code (SCAC)	
SHL	Shelf Life Indicator	
	[62-01] Shelf Life Indicator Use 'SHL' to denote Short Shelf Life Code [103-01] Shelf Life Indicator [128-01] Shelf Life Indicator Use 'SHL' to denote Short Shelf Life Identification Code	
SN	Seal Number	
	[194-01] Seal Number Use 'SN' to denote Classified Shipment Seal Number	
SU	Special Processing Code	
	Unique code identifying the special handling requirements for the claim	
	[70-01] Special Processing Code Use 'SU' to denote Water Special Handling Code [101-01] Special Processing Code Use 'SU' to denote Water Special Handling Code [130-01] Special Processing Code Use 'SU' to denote Water Special Handling Code	
TG	Transportation Control Number (TCN)	
	[63-01] Transportation Control Number (TCN) [95-01] Transportation Control Number (TCN) [125-01] Transportation Control Number (TCN)	
WL	Federal Supply Classification Code	
	[217-01] Federal Supply Classification Code Use 'WL' to denote Pallet Configuration Code	

			Z3		Safety Equipment Certificate	

Z3   Safety Equipment Certificate

Number of a document specifying and guaranteeing the safety equipment on board a vessel

[221-01] Safety Equipment Certificate
Use 'Z3' to denote Top Net, Side Net, or Strap Tie Down Code

ZZ   Mutually Defined

[147-01] Mutually Defined
Use 'ZZ' to denote Basic Issue Item Number

>>   **N902**   **127**   **Reference Identification**   **X   AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

[61-02] Stop-Off Indicator (DG 1001)
Enter the stop-off sequence number for the shipment. Sequence numbers range from 1-9. For cargo going to the final destination of the SEAVAN, enter value 'Z'.
[62-02] Short Shelf Life Identification Code (DG 1001)
For short shelf-life items, enter one of the following values (Short Shelf Life Identification Codes):
[63-02] TCN (DG 1001)
Enter the TCN of the shipment unit.
[64-02] Transportation Tracking Number (TTN) (DG 1001)
[65-02] Project Code (DG 1001)
[66-02] Air Dimension Code (DG 1001)
[67-02] DCSS Collocation Indicator (DG 1001)
Enter value '9' if DCSS and APOE are co-located; otherwise enter value 'X'.
[68-02] Estimated Transit Days to POE (DG 1001)
This figure expresses the number of days from expected time of departure from the shipper to expected time of arrival at the POE. Zero (0) is a valid entry.
[69-02] Water Type Cargo Code (DG 1001)
This is paired with the Water Commodity Code that is mapped to the L5 Segment (HL loop position 130).
[70-02] Special Handling Code (DG 1001)
For water shipments, enter the one-position water Special Handling Code. This is paired with the Water Commodity Code mapped to the L5 segment (HL loop position 130).

For air shipments, enter the air Special Handling Code from Appendix Z of the DTR Part II.
[95-02] TCN (DG 2001)
Enter the TCN of the consolidated shipment unit.
[96-02] Transportation Tracking Number (TTN) (DG 2001)
[97-02] Project Code (DG 2001)
[98-02] Consignee Distribution (CDIST) Code (DG 2001)
Enter the following values to denote the DoD definitions indicated:

For ROROs
S - Single Consignee
M - Multiple Consignees

For SEAVAN shipments
S - Single Consignee at a Single Destination
M - Multiple Consignees via a Break Bulk Point for Distribution to the Consignees
C - Multiple Consignees via a Centralized Receiving Point for Distribution to the Ultimate Consignees
1-9 - Multiple Consignees via Stop Offs. Enter the number of stop offs, excluding the final consignee
[99-02] Estimated Transit Days to POE (DG 2001)
This figure expresses the number of days from expected time of departure from the shipper to expected time of arrival at the POE.   Zero (0) is a valid entry.

[100-02] Water Type Cargo Code (DG 2001)
This is paired with the Water Commodity Code that is mapped to the L5
Segment (HL loop position 130).
[101-02] Special Handling Code (DG 2001)
For water shipments, enter the one-position Special Handling Code from
Appendix LL of the DTR Part II. This is paired with the Water Commodity
Code mapped to the L5 segment (HL loop position 130).

For air shipments, enter the Special Handling Code from Appendix Z of the
DTR Part II.
SOURCE: Defense Transportation Regulations
[102-02] Air Dimension Code (DG 2001)
[103-02] Short Shelf Life Identification Code (DG 2001)
For short shelf-life items, enter one of the following values to denote the DoD
definition indicated:

K - GSA-managed sealants/adhesives
M - Medical Items
X - Any Other Commodity with Limited Shelf Life

CHANGE NOTE: Value 'Z' changed to 'X' per DM 814.
[123-02] Stop-Off Indicator (DG 3001)
Enter the stop-off sequence number for the SEAVAN, where the consolidated
shipment should be delivered. Sequence numbers range from 1-9. For cargo
going to the final destination of the SEAVAN, enter value 'Z'.
[124-02] Estimated Transit Days to POE (DG 3001)
This figure expresses the number of days from expected time of departure from
the shipper to expected time of arrival at the POE (estimated days in transit).
[125-02] TCN (DG 3001)
Enter the TCN of the consolidated shipment unit.
[126-02] Transportation Tracking Number (TTN) (DG 3001)
[127-02] Project Code (DG 3001)
[128-02] Short Shelf Life Identification Code (DG 3001)
For short shelf-life items, enter one of the following Short Shelf Life
Identification Codes:

K - General Services Administration (GSA)-managed sealants/adhesives
M - Medical Items
X - All Other Short Shelf-life Items
[129-02] Water Type Cargo Code (DG 3001)
This is paired with the Water Commodity Code that is mapped to the L5
Segment (HL loop position 130).
[130-02] Special Handling Code (DG 3001)
For water shipments, enter the one-position Special Handling Code from
Appendix LL of the DTR Part II. This is paired with the Water Commodity
Code
mapped to the L5 segment (HL loop position 130).

For air shipments, enter the Special Handling Code from Appendix Z of the
DTR Part II.
[131-02] Air Dimension Code (DG 3001)
[147-02] Basic Issue Item (BII) Pieces (DG 5001)
Indicate the number of pieces of BII. (Example: BII02 for two BII items)
Occurs once for each shipment unit (T_0/1/4).
[157-02] NSN/Part Number (DG 6001)
Enter one NSN or one concatenated CAGE + Part Number (whenever NSN in
unavailable) per HL loop.
[180-02] Type of Personal Property Shipment Code (DG 8001)
Select the applicable Personal Property Shipment Code from the TRANSCOM
Reference Data Management table Personal-Property-Shipment_Unit TCN
Type Code Domain (D_PRSNL_PRPRTY_S2_CD), mirrored at

http://www.ustranscom.mil/cmd/associated/dteb/files/refdata/V_D_
PRSNL_PRPRTY_S2_CD.htm"
[181-02] Household Goods and Baggage Carrier SCAC (DG 8001)
Enter HHG and Baggage Carrier SCAC.
[182-02] POV License Plate Number (DG 8001)
Enter full plate letters/numbers of license plate.
[194-02] Classified Shipment Seal Number (DG 9013)
Enter seal number.
[195-02] SSCC (DG 9013)
Enter SSCC (numeric value).
[216-02] Air Dimension Code (DG 9801)
[217-02] Pallet Configuration Code (DG 9801)
Select and enter the applicable Pallet Configuration Code from the following
Table Management Distribution System (TMDS) data values to denote DoD
definitions as indicated:

LS - LOOSE CARGO
PC - PALLETIZED CARGO
RS - ROLLING STOCK
SD - CARGO ON SKID
T2 - PALLET TRAIN CONSISTING OF 2 PALLETS
T3 - PALLET TRAIN CONSISTING OF 3 PALLETS
T4 - PALLET TRAIN CONSISTING OF 4 PALLETS
T5 - PALLET TRAIN CONSISTING OF 5 PALLETS
T6 - PALLET TRAIN CONSISTING OF 6 PALLETS
T7 - PALLET TRAIN CONSISTING OF 7 PALLETS
BC - BELLY CARGO
[219-02] Personal Property Code (DG 9801)
Select the applicable Personal Property Shipment Code from the TRANSCOM
Reference Data Management table Personal-Property-Shipment_Unit TCN
Type Code Domain (D_PRSNL_PRPRTY_S2_CD), mirrored at
http://www.ustranscom.mil/cmd/associated/dteb/files/refdata/V_D_
PRSNL_PRPRTY_S2_CD.htm"
[220-02] Chain or Devices Tie Down Indicator (DG 9801)
Enter value 'CHAIN' to denote Chain or Devices Tie Down.
[221-02] Top Net, Side Net, or Strap Tie Down Indicator (DG 9801)
Enter value 'NET' to denote Top Net, Side Net, or Strap Tie Down.
[222-02] Center of Balance of Pallet Train (DG 9801)
Enter Center of Balance of Pallet Train in inches.
[223-02] Pallet Overhang Direction Code (DG 9801)
Enter one of the following values to denote DoD indicated definitions as
appropriate:

A - Aft
F - Front
B - Both
[224-02] Equivalent Pallet Positions (DG 9801)
Enter the number of Equivalent Pallet Positions. Include an explicit decimal
point. Use only one decimal place. Do not enter a leading space (' ').
[225-02] Air Special Handling Code (DG 9801)
Enter the Air Special Handling Code (see DTR Part II, Appendix Z). If special
handling is not required, enter value 'Z'.

K	New Code Added by IC
	[62-02] General Services Administration (GSA)-managed sealants/adhesives
M	New Code Added by IC
	[62-02] Medical Items
X	New Code Added by IC
	[62-02] All Other Short Shelf-life Items

>>	N903	369	**Free-form Description**		X	**AN 1/45**

Free-form descriptive text

[182-03] POV License Plate - U.S. State Abbreviation (DG 8001)
Enter abbreviation for state issuing vehicle license plate. If none, enter NO.
[218-03] Cargo Type Classification Code (DG 9801)
Enter one of the following values from the following Table Management
Distribution System (TMDS) data values to denote DoD definitions as
indicated::

G - General Cargo
M - Mixtures of G and S
S - Cargo Requiring Special Handling
U - Mail
Y - Signature Service.

X	N904	373	**Date**	O	**DT 8/8**

Date expressed as CCYYMMDD

X	N905	337	**Time**	X	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or
HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes
(00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal
seconds are expressed as follows: D = tenths (0-9) and DD = hundredths
(00-99)

X	N906	623	**Time Code**	O	**ID 2/2**

Code identifying the time. In accordance with International Standards
Organization standard 8601, time can be specified by a + or - and an indication
in hours in relation to Universal Time Coordinate (UTC) time; since + is a
restricted character, + and - are substituted by P and M in the codes that follow
Refer to 004010 Data Element Dictionary for acceptable code values.

>>	N907	C040	**Reference Identifier**	O	

To identify one or more reference numbers or identification numbers as
specified by the Reference Qualifier

[220-07] COMPOSITE DE - Tie Down Code Header (DG 9801)
[221-07] COMPOSITE DE - Tie Down Code Header (DG 9801)

M	C04001	128	**Reference Identification Qualifier**	M	**ID 2/3**

Code qualifying the Reference Identification

[220-07-01] Chain Tie Down Code (DG 9801)
[221-07-01] Top Net Tie Down Code (DG 9801)

			01	American Bankers Assoc. (ABA) Transit/Routing Number (Including Check Digit, 9 Digits)

[220-07-01] American Bankers Assoc. (ABA)
Transit/Routing Number (Including Check Digit, 9
Digits)
Use '01' to denote DoD Code 'C' for Chain

			03	Clearing House Interbank Payment System (CHIPS) Participant Number (3 or 4 Digits)

[221-07-01] Clearing House Interbank Payment System
(CHIPS) Participant Number (3 or 4 Digits)
Use '03' to denote DoD Code 'T' for Top Net

M	C04002	127	**Reference Identification**	M	**AN 1/30**

Reference information as defined for a particular Transaction Set or as
specified by the Reference Identification Qualifier

[220-07-02] Chain Quantity (DG 9801)
Enter quantity of chains.
ELEMENT CONDITION: Required if N907 code value of '01' is used.
[221-07-02] Top Net Quantity (DG 9801)
Enter quantity of top nets.
ELEMENT CONDITION: Required if N907 code value of '03' is used.

C04003	128	**Reference Identification Qualifier**		**X**	**ID 2/3**

Code qualifying the Reference Identification

[220-07-03] Devices Tie Down Code (DG 9801)
CHANGE NOTE: Code corrected per DM 770.
[221-07-03] Side Net Tie Down Code (DG 9801)

	02	Society for Worldwide Interbank Financial Telecommunication (S.W.I.F.T.) Identification (8 or 11 Characters)

[220-07-03] Society for Worldwide Interbank Financial Telecommunication (S.W.I.F.T.) Identification (8 or 11 Characters)
Use '02' to denote DoD Code 'D' for Device

	04	Canadian Financial Institution Branch and Institution Number

[221-07-03] Canadian Financial Institution Branch and Institution Number
Use '04' to denote DoD Code 'N' for Side Net

C04004	127	**Reference Identification**		**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

[220-07-04] Devices Quantity (DG 9801)
Enter quantity of devices.
ELEMENT CONDITION: Required if N907 code value of '02' is used.
[221-07-04] Side Net Quantity (DG 9801)
Enter quantity of side nets.
ELEMENT CONDITION: Required if N907 code value of '04' is used.

C04005	128	**Reference Identification Qualifier**		**X**	**ID 2/3**

Code qualifying the Reference Identification

[221-07-05] Strap Tie Down Code (DG 9801)

	05	Clearing House Interbank Payment System (CHIPS) User Identification (6 digits)

[221-07-05] Clearing House Interbank Payment System (CHIPS) User Identification (6 digits)
Use '05' to denote DoD Code 'S' for Strap

C04006	127	**Reference Identification**		**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

[221-07-06] Strap Quantity (DG 9801)
Enter quantity of straps.
ELEMENT CONDITION: Required if N907 code value of '05' is used.

	Segment:	**H3** Special Handling Instructions
	Position:	105
	Loop:	HL Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify special handling instructions in coded or free-form format
	Syntax Notes:	1 Only one of H301 or H302 may be present.
	Semantic Notes:	
	Comments:	
	Notes:	

> [71] H3 SEGMENT - Special Requirements Code (DG 1001)
> SEGMENT CONDITION: Use this segment when a Special Requirements Code applies.
> Do not enter a Julian date for the Special Requirements Code.
> [104] H3 SEGMENT - Special Requirements Code (DG 2001)
> SEGMENT CONDITION: Use this segment when a Special Requirements Code applies.
> Do not enter a Julian date for the Special Requirements Code.
> [132] H3 SEGMENT - Special Requirements Code (DG 3001)
> SEGMENT CONDITION: Use this segment when a Special Requirements Code applies.
> Do not enter a Julian date for the Special Requirements Code.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
X	H301	152	**Special Handling Code**	X ID 2/3
			Code specifying special transportation handling instructions	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
>>	H302	153	**Special Handling Description**	X AN 2/30
			Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate	

[71-02] Special Requirements Code (DG 1001)
Code list includes supply Special Requirements Code values '444', '555', '777', '999', 'Exx', 'Nxx', 'Sxx' and 'Xxx'. (As a measure of consistency between this 858B IC and the 856A IC enter triple-position codes 'Exx', 'Nxx', 'Sxx' and 'Xxx' where the first byte is literal and the 'xx' represent any valid alpha-numeric value that completes the code as defined by the Supply Community).
NOTE: Change made per DM 1017
[104-02] Special Requirements Code (DG 2001)
Code list includes supply Special Requirements Code values '444', '555', '777', '999', 'Exx', 'Nxx', 'Sxx' and 'Xxx'. (As a measure of consistency between this 858B IC and the 856A IC enter triple-position codes 'Exx', 'Nxx', 'Sxx' and 'Xxx' where the first byte is literal and the 'xx' represent any valid alpha-numeric value that completes the code as defined by the Supply Community).
NOTE: Change made per DM 1017
[132-02] Special Requirements Code (DG 3001)
Code list includes supply Special Requirements Code values '444', '555', '777', '999', 'Exx', 'Nxx', 'Sxx' and 'Xxx'. (As a measure of consistency between this 858B IC and the 856A IC enter triple-position codes 'Exx', 'Nxx', 'Sxx' and 'Xxx' where the first byte is literal and the 'xx' represent any valid alpha-numeric value that completes the code as defined by the Supply Community).
NOTE: Change made per DM 1017

	Ref. Des.	Data Element	Name	Attributes
X	H303	241	**Protective Service Code**	O ID 1/4
			Code specifying perishable protective service- rail carriers only	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

X	**H304**	**242**	**Vent Instruction Code**	**O**	**ID 1/7**

Code specifying vent instructions

Refer to 004010 Data Element Dictionary for acceptable code values.

X	**H305**	**257**	**Tariff Application Code**	**O**	**ID 1/1**

Code indicating to which traffic a tariff applies

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:		**L5** Description, Marks and Numbers			

Segment: **L5** Description, Marks and Numbers
Position: 130
Loop: HL   Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify the line item in terms of description, quantity, packaging, and marks and numbers
Syntax Notes: 1   If either L503 or L504 is present, then the other is required.
            2   If L507 is present, then L506 is required.
            3   If either L508 or L509 is present, then the other is required.
Semantic Notes:
Comments: 1   L502 may be used to send quantity information as part of the product description.
Notes: [72] L5 SEGMENT - Air Commodity Code and Federal Supply Class (DG 1001)
SEGMENT CONDITION: Required and used only for air shipments.
[73] L5 SEGMENT - Water Commodity Code (DG 1001)
SEGMENT CONDITION: Required and used only for water shipments.
[74] L5 SEGMENT - Non Palletized Mail Registry Number (DG 1001)
SEGMENT CONDITION: Use when Non Palletized Mail Registry applies.
[75] L5 SEGMENT - Vessel Stowage Location (DG 1001)
SEGMENT CONDITION: Use for water manifests only.
[105] L5 SEGMENT - Air Commodity Code (DG 2001)
SEGMENT CONDITION: Required and used only for air shipments.
[106] L5 SEGMENT - Water Commodity Code (DG 2001)
SEGMENT CONDITION: Use for Water Commodity Codes.
[107] L5 SEGMENT - Vessel Stowage Location (DG 2001)
SEGMENT CONDITION: Use for water manifests only.
[108] L5 SEGMENT - Reefer Temperature (DG 2014)
SEGMENT CONDITION: Use this element when reefer cargo must be maintained within a specified temperature range.
[133] L5 SEGMENT - Air Commodity Code (DG 3001)
SEGMENT CONDITION: Required and used only for air shipments.
[134] L5 SEGMENT - Water Commodity Code (DG 3001)
SEGMENT CONDITION: Required and used only for water shipments.
[135] L5 SEGMENT - Vessel Stowage Location (DG 3001)
SEGMENT CONDITION: Use for water manifests only.
[183] L5 SEGMENT - POV Make and Color (DG 8001)
SEGMENT CONDITION: Required when describing Privately-Owned Vehicle (POV).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
X	L501	213	**Lading Line Item Number**	O	N0 1/3
			Sequential line number for a lading item		
>>	L502	79	**Lading Description**	O	AN 1/50
			Description of an item as required for rating and billing purposes		
			[183-02] POV Make (DG 8001) Enter the first 25 letters of the POV make.		
>>	L503	22	**Commodity Code**	X	AN 1/30
			Code describing a commodity or group of commodities		
			[72-03] Air Commodity Code (DG 1001) This is paired with the Special Handling Code that is mapped to the N9 segment (HL loop position 100). [73-03] Water Commodity Code (DG 1001) [74-03] Non Palletized Mail Registry Number (DG 1001) [75-03] Vessel Stowage Location (DG 1001) Enter Vessel Stowage Location. See DTR, Part II, Appendix VV. [105-03] Air Commodity Code (DG 2001) This is paired with the Special Handling Code that is mapped to the N9		

segment (HL loop position 100).
[106-03] Water Commodity Code (DG 2001)
This is paired with the water Type Cargo Code and the Special Handling Code that are mapped to the N9 segments (HL loop position 100).
[107-03] Vessel Stowage Location (DG 2001)
Enter Vessel Stowage Location. See DTR, Part II, Appendix VV.
[108-03] Reefer Temperature (DG 2014)
For reefer vans, enter the temperature or temperature range required to properly maintain the cargo, e.g., 34 degrees is shown as 34, 34 to 41degrees
is shown as 34-41.
CHANGE NOTE: Use L503 (rather than L502) for Reefer Temperature per DM 763.
[133-03] Air Commodity Code (DG 3001)
This is paired with the Special Handling Code that is mapped to the N9 segment (HL loop position 100).
[134-03] Water Commodity Code (DG 3001)
This is paired with the Water Type Cargo Code and the Special Handling Code that are mapped to the N9 segments (HL loop position 100).
[135-03] Vessel Stowage Location (DG 3001)
Enter Vessel Stowage Location. See DTR, Part II, Appendix VV.

| >> | L504 | 23 | Commodity Code Qualifier | X | ID 1/1 |

Code identifying the commodity coding system used for Commodity Code

[72-04] Air Commodity Code Qualifier (DG 1001)
[73-04] Water Commodity Code Qualifier (DG 1001)
[74-04] Non Palletized Mail Registry Number Qualifier (DG 1001)
[75-04] Vessel Stowage Location Qualifier (DG 1001)
[105-04] Air Commodity Code Qualifier (DG 2001)
[106-04] Water Commodity Code Qualifier (DG 2001)
[107-04] Vessel Stowage Location Qualifier (DG 2001)
[108-04] Reefer Temperature Qualifier (DG 2014)
[133-04] Air Commodity Code Qualifier (DG 3001)
[134-04] Water Commodity Code Qualifier (DG 3001)
[135-04] Vessel Stowage Location Qualifier (DG 3001)

| | C | | Canadian Freight Classification |

[108-04] Canadian Freight Classification
Use 'C' to denote Reefer Temperature, measured in Centigrade

| | D | | Department of Defense Unique Codes |

[74-04] Department of Defense Unique Codes
Use 'D' to denote Non Palletized Mail Registry Number

| | F | | National Stock Number |

[108-04] National Stock Number
Use 'F' to denote Reefer Temperature, measured in Fahrenheit

| | I | | Milstamp AITC or Water Commodity Code |

[73-04] Milstamp AITC or Water Commodity Code
[106-04] Milstamp AITC or Water Commodity Code
Use 'I' to denote Water Commodity Code
[134-04] Milstamp AITC or Water Commodity Code

| | S | | Standard International Trade Classification (SITC) |

[75-04] Standard International Trade Classification (SITC)
Use 'S' to denote Vessel Stowage Location
[107-04] Standard International Trade Classification (SITC)
Use 'S' to denote Vessel Stowage Location
[135-04] Standard International Trade Classification (SITC)
Use 'S' to denote Vessel Stowage Location

			Z	Mutually defined		

X	L505	103	**Packaging Code**		O	AN 3/5

Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required
Refer to 004010 Data Element Dictionary for acceptable code values.

	L506	87	**Marks and Numbers**		X	AN 1/48

Marks and numbers used to identify a shipment or parts of a shipment

[183-06] POV Color (DG 8001)
Enter predominate POV color.

X	L507	88	**Marks and Numbers Qualifier**		O	ID 1/2

Code specifying the application or source of Marks and Numbers (87)

Refer to 004010 Data Element Dictionary for acceptable code values.

	L508	23	**Commodity Code Qualifier**		X	ID 1/1

Code identifying the commodity coding system used for Commodity Code

[72-08] Federal Supply Class Qualifier (DG 1001)
ELEMENT CONDITION: Use for air shipments if Federal Supply Class furnished by the application system.

			K	Federal Supply Classification		

[72-08] Federal Supply Classification

	L509	22	**Commodity Code**		X	AN 1/30

Code describing a commodity or group of commodities

[72-09] Federal Supply Class (DG 1001)
ELEMENT CONDITION: Use for air shipments if furnished by the application system.

X	L510	595	**Compartment ID Code**		O	ID 1/1

Code identifying the compartment in a compartmentalized tank car
Refer to 004010 Data Element Dictionary for acceptable code values.

	Segment:	**Y7** Priority
	Position:	137
	Loop:	HL Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	2
	Purpose:	To assign a priority to a booking which would increase the possibility that this cargo would be booked on said voyage and not be shut out
	Syntax Notes:	1 If either Y702 or Y703 is present, then the other is required.
	Semantic Notes:	1 Y705 is the date specified by the shipper indicating when the shipment is required at the consignee's location.
	Comments:	

Notes:

[76] Y7 SEGMENT - Transportation Priority Code (DG 1001)
SEGMENT CONDITION: Use when Transportation Priority Code applies.
[109] Y7 SEGMENT - Transportation Priority Code (DG 2001)
SEGMENT CONDITION: Use when Transportation Priority Code applies.
[136] Y7 SEGMENT - Transportation Priority Code (DG 3001)
SEGMENT CONDITION: Use when Transportation Priority Code applies.
[226] Y7 SEGMENT - Priority (DG 9801)
SEGMENT CONDITION: Required for other than a Unit Move pallet. By definition
Unit Move pallet does not have a shipment priority.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	**Y701**	**467**	**Priority**	**O**	**N0 1/1**
			Number indicating importance		

[76-01] Transportation Priority Code (DG 1001)
Enter the transportation priority of the shipment unit. Valid values are '1', '2', '3', or '4'.
[109-01] Transportation Priority Code (DG 2001)
Enter the highest Transportation Priority contained in the loaded SEAVAN/RORO/463L.
[136-01] Transportation Priority Code (DG 3001)
Enter the highest Transportation Priority loaded in the shipment unit.

	Ref. Des.	Data Element	Name	Attributes	
>>	**Y702**	**470**	**Priority Code**	**X**	**N0 1/1**
			Code indicating level of priority: 1-highest, 0-implies priority not assigned		

[226-02] Highest Transportation Priority (DG 9801)
Enter highest priority on the pallet.

	Ref. Des.	Data Element	Name	Attributes	
>>	**Y703**	**471**	**Priority Code Qualifier**	**X**	**AN 1/1**
			Number indicating the number of levels of priority (1 to 9) used for data element 470, Priority Code		

[226-03] Special Priority (DG 9801)
Enter the following Special Priority as applicable:

'0' to denote No Special Priority
'4' to denote 444
'5' to denote 555
'7' to denote 777
'9' to denote 999
'E' to denote Anticipated NMCS
'F' to denote FSS - Forward Supply System
'G' to denote Green Sheet
'N' to denote NMCS
'P' to denote Purple Sheet.

CHANGE NOTE: Requirement attribute changed and user note modified per DM 821.

X	Y704	468	**Port Call File Number**		**O**	**N0 4/4**
			Reference number assigned by a shipper			
X	Y705	373	**Date**		**O**	**DT 8/8**
			Date expressed as CCYYMMDD			

Segment:	**G62** Date/Time
Position:	138
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of G6201 or G6203 is required.
	2 If either G6201 or G6202 is present, then the other is required.
	3 If either G6203 or G6204 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	[77] G62 SEGMENT - Date/Time (UTC) Shipped to POE (DG 1001)

Notes:

[77] G62 SEGMENT - Date/Time (UTC) Shipped to POE (DG 1001)
SEGMENT CONDITION: Segment required and used only for air and water shipments to a POE -- not for shipments to a CCP or for shipments loaded at POE.
[78] G62 SEGMENT - Required Delivery Date (RDD) (UTC) (DG 1001)
SEGMENT CONDITION: Use when RDD furnished by the application system is a Julian date.
[79] G62 SEGMENT - Date/Time (UTC) In-checked at APOE (DG 1001)
SEGMENT CONDITION: Use for manifests only to document date/time cargo was receipted into the airlift system.
[80] G62 SEGMENT - Actual Date (UTC) of Cargo Arrival at APOE (DG 1001)
SEGMENT CONDITION: Entered by APOE on condition of cargo arrival (truck or aircraft block time) at APOE. Use for manifesting of cargo for onward movement from an APOE.
[110] G62 SEGMENT - Date/Time (UTC) Shipped to POE (DG 2001)
SEGMENT CONDITION: Required for air and water shipment to a POE - not for shipment to a CCP or for shipment loaded at POE.
[111] G62 SEGMENT - Required Delivery Date (RDD) (UTC) (DG 2001)
SEGMENT CONDITION: Use when RDD furnished by the application system as Julian date.
[137] G62 SEGMENT - Date/Time (UTC) Shipped to POE (DG 3001)
SEGMENT CONDITION: Required and used only for air and water shipments to a POE -- not for shipments to a CCP or for shipments loaded at POE.
[138] G62 SEGMENT - Required Delivery Date (RDD) (DG 3001)
SEGMENT CONDITION: Use when RDD furnished by the application system.
[227] G62 SEGMENT - Pallet Departure Date/Time (UTC) from APOE (DG 9801)
CHANGE NOTE: User note changed per DMs 663/665.
SEGMENT CONDITION: Required for all pallets except pallets capped by DLA.
[228] G62 SEGMENT - Oldest Piece Date/Time (UTC) (DG 9801)
SEGMENT CONDITION: Required for all pallets except for pallets capped by DLA.
[229] G62 SEGMENT - Estimated Date/Time (UTC) Arrival at APOE (DG 9801)
SEGMENT CONDITION: Use for capped pallets originating at other than APOE that are going to an APOE.
[230] G62 SEGMENT - Pallet Closed Date (UTC) (DG 9801)
SEGMENT CONDITION: Required when NTE02, Pallet Processing Status Code, contains value 'C'.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**G6201**	**432**	**Date Qualifier**	X ID 2/2
			Code specifying type of date	

[77-01] Date Shipped to POE Qualifier (DG 1001)
[78-01] Required Delivery Date (RDD) Qualifier (DG 1001)
[79-01] Date In-checked at APOE Qualifier (DG 1001)
[80-01] Actual Date of Cargo Arrival at APOE Qualifier (DG 1001)
[110-01] Date Shipped to POE Qualifier (DG 2001)
CHANGE NOTE: Code value '17' and user note added per DM 807.
[111-01] Required Delivery Date (RDD) Qualifier (DG 2001)

[137-01] Date Shipped to POE Qualifier (DG 3001)
[138-01] Required Delivery Date (RDD) Qualifier (DG 3001)
[227-01] Pallet Departure Date Qualifier (DG 9801)
[228-01] Oldest Piece Date Qualifier (DG 9801)
[229-01] Estimated Date Qualifier (DG 9801)
[230-01] Pallet Closed Date Qualifier (DG 9801)

17	Estimated Delivery Date	

[110-01] Estimated Delivery Date
Use '17' to denote Estimated Date/Time Shipped to POE
Use when DLA-sourced 463L air pallet processing
status code values 'C' and
'T' (NTE02 - DG 9801).

35	Delivered on This Date	

[79-01] Delivered on This Date
Use '35' to denote Date (UTC) In-checked at APOE

44	Arrival at Destination Yard	

[80-01] Arrival at Destination Yard
Use '44' to denote Actual Date (UTC) of Cargo Arrival
at APOE

54	Deliver No Later Than Date	

[78-01] Deliver No Later Than Date
Use '54' to denote Required Delivery Date
[111-01] Deliver No Later Than Date
[138-01] Deliver No Later Than Date

88	First Ship Date	

[228-01] First Ship Date
Use '88' to denote Earliest Date of Actual Placement

BP	Contract Closed	

Date contract was administratively completed and closed

[230-01] Contract Closed
Use 'BP' to denote Pallet Closed Date

BR	Date Delivery Commenced	

Date that delivery process is initiated

[227-01] Date Delivery Commenced
Use 'BR' to denote Pallet Departure Date

SE	Date Shipped to Port of Embarkation (POE)	

[77-01] Date Shipped to Port of Embarkation (POE)
[110-01] Date Shipped to Port of Embarkation (POE)
[137-01] Date Shipped to Port of Embarkation (POE)
[229-01] Date Shipped to Port of Embarkation (POE)
Use 'SE' to denote Estimated Date Arrival at APOE

>>	G6202	373	Date	X	DT 8/8

Date expressed as CCYYMMDD

[77-02] Date (UTC) Shipped to POE (DG 1001)
For air shipments, the date appears in DTR TCMD T_0/1/2/4 record. This date
is paired with the time in G6204. The DTR value is an ordinal number that
represents a day of the year on a 365 day calendar. Convert the ordinal to a
standard date format of CCYYMMDD. (Example: ordinal value 23 could equal
days 23, 123, 223, or 323.)

For water shipments, the date appears in Julian format in DTR TCMD
T_0/1/2/4 record positions 60/62. That value should be converted to the
CCYYMMDD
format and carried here.
[78-02] Required Delivery Date (RDD) (UTC) (DG 1001)
This is the calendar date, specified by the requisitioner, when material is
required by the requisitioner. It is not a date assigned by the shipper.
[79-02] Date (UTC) In-checked at APOE (DG 1001)
Enter Actual Date (UTC) In-checked at APOE using format CCYYMMDD.

[80-02] Actual Date (UTC) of Cargo Arrival at APOE (DG 1001)
Enter Actual Date (UTC) of Cargo Arrival at APOEusing CCYYMMDD format .
[110-02] Date (UTC) Shipped to POE (DG 2001)
For air shipments, the date appears in DTR TCMD T_2 record positions 61/62. This date is paired with the time in G6204. The DTR value is an ordinal number that represents a day of the year on a 365 day calendar. Convert the ordinal to a standard date format. (Example: ordinal value 23 could equal days 23, 123, 223, or 323).

For water shipments, the date appears in Julian format in DTR TCMD T_2 record positions 60/62.
[111-02] Required Delivery Date (RDD) (UTC) (DG 2001)
If DTR TCMD T_2 record positions 54/56 are other than 1 to 366, then map to H302 (HL loop position 105) as an expedited handling code.
[137-02] Date (UTC) Shipped to POE (DG 3001)
For air shipments, the date appears in DTR TCMD T_3 record positions 61/62. This date is paired with the time in G6204. The DTR value is an ordinal number that represents a day of the year on a 365 day calendar. Convert the ordinal to a standard date format. (Example: ordinal value 23 could equal days 23, 123, 223, or 323).

For water shipments, the date appears in Julian format in DTR TCMD T_3 record positions 60/62.
[138-02] Required Delivery Date (RDD) (DG 3001)
If DTR TCMD T_3 record positions 54/56 are other than 1 to 366, then map to H302 (HL loop position 105) as an expedited handling code.
[227-02] Pallet Departure Date (UTC) from APOE (DG 9801)
Enter Pallet Departure Date (UTC) from APOE using CCYYMMDD format.
[228-02] Oldest Piece Date (UTC) (DG 9801)
Enter earliest receipt date (UTC) on any item on the pallet using CCYYMMDD format.
[229-02] Estimated Date (UTC) Arrival at APOE (DG 9801)
Enter Estimated Date (UTC) Arrival at APOE using CCYYMMDD format.
[230-02] Pallet Closed Date (UTC) (DG 9801)
Enter date (UTC) pallet closed using CCYYMMDD format.

| >> | G6203 | 176 | Time Qualifier | X | ID 1/2 |

Code specifying the reported time

[77-03] Estimated Departure Time Qualifier (DG 1001)
[79-03] Time In-checked at APOE Qualifier (DG 1001)
[80-03] Actual Time of Cargo Arrival at APOE Qualifier (DG 1001)
[110-03] Time Shipped to APOE Qualifier (DG 2001)
ELEMENT CONDITION: Required and used only for air shipments.
[137-03] Time Shipped to APOE Qualifier (DG 3001)
ELEMENT CONDITION: Required and used only for air shipments.
[227-03] Pallet Departure Time Qualifier (DG 9801)
[228-03] Oldest Piece Time Qualifier (DG 9801)
[229-03] Estimated Time Qualifier (DG 9801)

| 9 | Actual Delivery Time |

[79-03] Actual Delivery Time
Use '9' to denote Time (UTC) In-checked at APOE

| A | Actual Departure Time |

[227-03] Actual Departure Time

| D | Estimated Departure Time |

[77-03] Estimated Departure Time
[110-03] Estimated Departure Time
[137-03] Estimated Departure Time

| E | Estimated Arrival Time |

[229-03] Estimated Arrival Time
Use 'E' to denote Estimated Time Arrival at APOE

			G		Earliest Requested Deliver Time		

			R		Actual Arrival Time		

>>	G6204	337	Time	X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

[77-04] Time (UTC) Shipped to APOE (DG 1001)
Enter time in 24 hr time format (HHMM).
[79-04] Time (UTC) In-checked at APOE (DG 1001)
Enter actual Time (UTC) In-checked at APOE using format HHMM.
[80-04] Actual Time (UTC) of Cargo Arrival at APOE (DG 1001)
Enter Actual Time (UTC) of Cargo Arrival at APOE using HHMM format.
[110-04] Time (UTC) Shipped to APOE (DG 2001)
Enter time in 24 hr time format (HHMM).
ELEMENT CONDITION: Required and used only for air shipments.
[137-04] Time (UTC) Shipped to APOE (DG 3001)
Enter time in 24 hr time format (HHMM).
ELEMENT CONDITION: Required and used only for air shipments.
[227-04] Pallet Departure Time (UTC) from APOE (DG 9801)
Enter Pallet Departure Time (UTC) from APOE using HHMM format.
[228-04] Oldest Piece Time (UTC) (DG 9801)
Enter earliest receipt time (UTC) on any item on the pallet, using HHMM format.
[229-04] Estimated Time (UTC) Arrival at APOE (DG 9801)
Enter Estimated Time (UTC) Arrival at APOE using HHMM format.

	G6205	623	Time Code	O	ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

[77-05] UTC Date/Time Zone Indicator (DG 1001)
Use Universal Time Coordinate (UTC), also referred to as Greenwich Mean Time (GMT), for both G6202 and G6204.
SOURCE: ISO 8601 available from American National Standards Institute
[79-05] UTC Date/Time Zone Indicator (DG 1001)
Use Universal Time Coordinate (UTC), also referred to as Greenwich Mean Time (GMT), for both G6202 and G6204.
SOURCE: ISO 8601 available from American National Standards Institute
[80-05] UTC Date/Time Zone Indicator (DG 1001)
Use Universal Time Coordinate (UTC), also referred to as Greenwich Mean Time (GMT), for both G6202 and G6204.
SOURCE: ISO 8601 available from American National Standards Institute
[110-05] UTC Date/Time Zone Indicator (DG 2001)
Universal Time Coordinate (UTC), also referred to as Greenwich Mean Time (GMT), for both G6202 and G6204.
ELEMENT CONDITION: Required and used only for air shipments.
SOURCE: ISO 8601 available from American National Standards Institute
[137-05] UTC Date/Time Zone Indicator (DG 3001)
Use Universal Time Coordinate (UTC), also referred to as Greenwich Mean Time (GMT), for both G6202 and G6204.
ELEMENT CONDITION: Required and used only for air shipments.
SOURCE: ISO 8601 available from American National Standards Institute

UT   Universal Time Coordinate

[77-05] Universal Time Coordinate
[79-05] Universal Time Coordinate
[80-05] Universal Time Coordinate
[110-05] Universal Time Coordinate
[137-05] Universal Time Coordinate

Segment:	**NTE** Note/Special Instruction
Position:	140
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	100
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction
Syntax Notes:	
Semantic Notes:	
Comments:	1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

| **Notes:** | [81] NTE SEGMENT - Onward Mode/Method Code (DG 1001)
SEGMENT CONDITION: Use when Onward Mode/Method Code applies for air manifested cargo.
[82] NTE SEGMENT - Shipment Unit Adjustment Code (DG 1001)
CHANGE NOTE: Code value '02' deleted from user note per DM 663.
SEGMENT CONDITION: Use this segment only when BX01 contains code value '03' or '04'.
[112] NTE SEGMENT - Shipment Unit Adjustment Code (DG 2001)
SEGMENT CONDITION: Use this segment only when BX01 contains code value '03' or '04'.
[139] NTE SEGMENT - Shipment Unit Adjustment Code (DG 3001)
CHANGE NOTE: Segment added per DM 705B.
SEGMENT CONDITION: Use this segment only when BX01 contains code value '03' or '04'.
[148] NTE SEGMENT - Model Number (DG 5001)
SEGMENT CONDITION: Applies to Government vehicles, trailers, tracked/wheeled guns, and aircraft.
[149] NTE SEGMENT - Nomenclature (DG 5001)
SEGMENT CONDITION: Applies to Government vehicles, trailers, wheeled or tracked guns, and aircraft.
[150] NTE SEGMENT - Vehicle Year (DG 5013)
SEGMENT CONDITION: Use segment for vehicles shipped to Central or South America.
[151] NTE SEGMENT - Vehicle Make (DG 5013)
SEGMENT CONDITION: Use segment for vehicles shipped to Central or South America.
[158] NTE SEGMENT - Nomenclature (DG 6001)
SEGMENT CONDITION: For a non-hazardous, single line item shipment, enter the Nomenclature of the item. When multiple, non-hazardous line items are consolidated and the consolidation container comprises 51 percent or more by weight of a single NSN, enter the Nomenclature of the items that comprise 51 percent or more of the shipment weight.
[159] NTE SEGMENT - Protective Service (DG 6016)
CHANGE NOTE: Title changed per DM 842.
SEGMENT CONDITION: Use for transportation protective service requirements in accordance with the descriptions in Appendix Z or LL of the DTR Part II.
[160] NTE SEGMENT - HAZMAT Goods Packaged Prior to January 1990 Indicator (DG 6016)
SEGMENT CONDITION: The statement: 'GOVERNMENT-OWNED GOODS PACKAGED BEFORE 1 JANUARY 1990' is required if HAZMAT item was originally packaged prior to 1 January 1990.
[184] NTE SEGMENT - POV Year (DG 8001)
SEGMENT CONDITION: Required when describing POV.
[185] NTE SEGMENT - Personal Property GBL (PPGBL) (DG 8013)
SEGMENT CONDITION: Use for property shipped under a Personal Property GBL (PPGBL).
[186] NTE SEGMENT- PPGBL Origin Carrier Name (DG 8013) |

SEGMENT CONDITION: Use for property shipped under a PPGBL.

[187] NTE SEGMENT - USAF TDY Travel Order Number and ADSN/Fiscal Station Number (DG 8017)

Use additional NTE segments, as required, to list the organization and address that issued the orders, including sufficient data to allow Air Mobility Command (AMC) billing.

SEGMENT CONDITION: Required for unaccompanied baggage of TDY USAF personnel, military and civilian, to list the travel order number and the Accounting Disbursing Station Number (ADSN)/fiscal station number from the DD Form 1610, "Request and Authorization TDY Travel of DoD Personnel."

[196] NTE SEGMENT - General Miscellaneous and Pertinent Information (DG 9013)

SEGMENT CONDITION: Use this segment for pertinent information, including clear text data and in-the-clear consignee address information, necessary for shipment but not detailed in other data entries. Also used for water manifest supercargo passenger (Table 203-22) information and for dunnage and lashing disposition instructions (Table 203-20).

[197] NTE SEGMENT - Unit Deployment Information (ULN) (DG 9013)

SEGMENT CONDITION: Required for unit move cargo to identify unit line number (ULN) deployment information for unit move TCNs.

[198] NTE SEGMENT - Transportation Tracking Account Number (TTAN) (DG 9013)

CHANGE NOTE: Segment added per DM 888.

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

[199] NTE SEGMENT - Unit Identification Code (UIC) (DG 9013)

SEGMENT CONDITION: Used to identify Unit Identification Code (UIC) deployment information for unit move TCNs. Also used for water manifest supercargo passengers.

[200] NTE SEGMENT - Not Otherwise Specified (NOS) Type Cargo (DG 9013)

SEGMENT CONDITION: Required when Not Otherwise Specified (NOS) cargo description applies.

[201] NTE SEGMENT - Liquor Type (DG 9013)

SEGMENT CONDITION: Use when type of liquor entry applies.

[202] NTE SEGMENT - Liquor Bottle Size (DG 9013)

SEGMENT CONDITION: Use when Liquor Bottle Size entry applies.

[203] NTE SEGMENT - Liquor Bottles per Case (DG 9013)

SEGMENT CONDITION: Use when Liquor Bottles per Case entry applies.

[204] NTE SEGMENT - Cigarette Information (DG 9013)

SEGMENT CONDITION: Use for shipment of cigarettes.

[205] NTE SEGMENT - CONUS to Hawaii/Guam Rating Information (DG 9013)

SEGMENT CONDITION: Use for shipments between CONUS and Hawaii or Guam to carry the clear text National Motor Freight Classification or Standard Transportation Commodity Code description of the highest rated article in the shipment unit other than HAZMAT.

[206] NTE SEGMENT - Active RFID Tag Serial Number (DG 9013)

SEGMENT CONDITION: Use to indicate the serial number of the active RFID tag attached to the shipment unit.

[231] NTE SEGMENT - Pallet Processing Status Code (DG 9801)

SEGMENT CONDITION: Required for DLA built pallets that are sent to an AMC aerial port for onward movement.

[232] NTE SEGMENT - Onward Mode/Method (DG 9801)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	NTE01	363	**Note Reference Code**	O ID 3/3

Code identifying the functional area or purpose for which the note applies

[81-01] Onward Mode/Method Code Qualifier (DG 1001)
[82-01] Shipment Unit Adjustment Code Qualifier (DG 1001)
[112-01] Shipment Unit Adjustment Code Qualifier (DG 2001)
[139-01] Shipment Unit Adjustment Code Qualifier (DG 3001)
[148-01] Model Number Qualifier (DG 5001)
[149-01] Nomenclature Qualifier (DG 5001)
[150-01] Vehicle Year Qualifier (DG 5013)
[151-01] Vehicle Make Qualifier (DG 5013)
[158-01] Nomenclature Qualifier (DG 6001)
[159-01] Protective Service Qualifier (DG 6016)
CHANGE NOTE: Title changed per DM 842.
[160-01] HAZMAT Goods Package Prior to January 1990 Qualifier (DG 6016)
[184-01] POV Year Qualifier (DG 8001)
Required if L008 is used.

CHANGE NOTE: Change code definition per DM 847.
[185-01] PPGBL Qualifier (DG 8013)
[186-01] PPGBL Origin Carrier Name Qualifier (DG 8013)
[187-01] Travel Order Number and ADSN/Fiscal Station Number Qualifier (DG 8017)
[196-01] General Miscellaneous and Pertinent Information Qualifier (DG 9013)
[197-01] ULN Qualifier (DG 9013)
[198-01] Transportation Tracking Account Number (TTAN) Qualifier (DG 9013)
[199-01] UIC Qualifier (DG 9013)
[200-01] NOS Qualifier (DG 9013)
[201-01] Liquor Type Qualifier (DG 9013)
[202-01] Liquor Bottle Size Qualifier (DG 9013)
[203-01] Liquor Bottles per Case Qualifier (DG 9013)
[204-01] Cigarette Information Qualifier (DG 9013)
[205-01] CONUS to Hawaii/Guam Rating Information Qualifier (DG 9013)
[206-01] Active RFID Tag Serial Number Qualifier (DG 9013)
CHANGE NOTE: Change code value from 'CAR' to 'RFL' per DM 847.
[231-01] Pallet Processing Status Code Qualifier (DG 9801)
[232-01] Onward Mode/Method Qualifier (DG 9801)

AAA		Agent Details
	[81-01] Agent Details	
	Use 'AAA' to denote Onward Mode/Method Code	
	[186-01] Agent Details	
	Use 'AAA' to denote PPGBL Origin Carrier Name	
ABN		Abbreviated Nomenclature
	[158-01] Abbreviated Nomenclature	
	Use 'ABN' to denote Full Available Nomenclature	
ACN		Action Taken
	[82-01] Action Taken	
	Use 'ACN' to denote Shipment Unit Adjustment Code	
	[112-01] Action Taken	
	Use 'ACN' to denote Shipment Unit Adjustment Code	
	[139-01] Action Taken	
	Use 'ACN' to denote Shipment Unit Adjustment Code	
ADD		Additional Information
	[196-01] Additional Information	

BOL	Bill of Lading Note	
	[185-01] Bill of Lading Note Use 'BOL' to denote PPGBL	
CAC	Relationship Information	
	[203-01] Relationship Information Use 'CAC' to denote Liquor Bottles per Case	
CAI	General Business Description	
	[202-01] General Business Description Use 'CAI' to denote Liquor Bottle Size	
CAR	Other Related Information	
	[150-01] Other Related Information Use 'CAR' to denote Vehicle Year [184-01] Other Related Information Use 'CAR' to denote Vehicle Year	
CBI	Description of Title	
	[151-01] Description of Title Use 'CBI' to denote Vehicle Make	
CIG	Cigarette Information	
	[204-01] Cigarette Information	
EED	Equipment Description	
	[149-01] Equipment Description Use 'EED' to denote Nomenclature	
EMD	Estimate Method Description	
	[232-01] Estimate Method Description Use 'EMD' to denote Onward Mode/Method	
LIQ	Liquor Information	
	[201-01] Liquor Information Use 'LIQ' to denote Type of Liquor	
OCR	Outside the Continental U.S. (OCONUS) Rating Information	
	[205-01] Outside the Continental U.S. (OCONUS) Rating Information Use 'OCR' to denote CONUS to Hawaii/Guam Rating Information	
ORI	Order Instructions	
	[187-01] Order Instructions Use 'ORI' to denote Travel Order Number and ADSN/Fiscal Station Number	
OTH	Other Instructions	
	[199-01] Other Instructions Use 'OTH' to denote Unit Identification Code	
OTN	Another Type of Number Description	
	[148-01] Another Type of Number Description Use 'OTN' to denote Model Number [197-01] Another Type of Number Description Use 'OTN' to denote Unit Line Number for a TPFDD Move	
PCS	Process Specification	
	[231-01] Process Specification Use 'PCS' to denote Pallet Processing Status Code	
RFL	Reason for Leaving	
	[206-01] Reason for Leaving Use 'RFL' to denote Active RFID Tag Serial Number	

| | | | SSH | | Security Service Information | | |

[159-01] Security Service Information
Use 'SSH' to denote Protective Service
CHANGE NOTE: Code definition changed per DM 842.

| | | | TCF | | Tariff Commodity Footnotes | | |

[198-01] Tariff Commodity Footnotes
Use 'TCF' to denote Transportation Tracking Account Number (TTAN)

| | | | VEC | | Verification Comments | | |

[160-01] Verification Comments
Use 'VEC' to denote HAZMAT Item was Originally Packaged Prior to 1 January 1990

| | | | ZZZ | | Mutually Defined | | |

[200-01] Mutually Defined
Use 'ZZZ' to denote NOS Type Cargo

| M | NTE02 | 352 | Description | | | M | AN 1/80 |

A free-form description to clarify the related data elements and their content

[81-02] Onward Mode/Method Code (DG 1001)
See DTR Part II, Appendix GG for applicable codes.
[82-02] Shipment Unit Adjustment Code (DG 1001)
Enter the following values that correspond to code value contained in BX01:

For BX01 code value '03' enter value 'Deletion';
For BX01 code value '04' enter value 'Correction',

followed by the date in CCYYMMDD format.

CHANGE NOTE: Code value '02' deleted from user note per DM 663.
[112-02] Shipment Unit Adjustment Code (DG 2001)
Enter the date in CCYYMMDD format, preceded by one of the following values, corresponding to code value contained in BX01:

For BX01 code value '03' enter value 'Deletion' followed by date.
For BX01 code value '04' enter value 'Correction' followed by date.
[139-02] Shipment Unit Adjustment Code (DG 3001)
Enter the date in CCYYMMDD format, preceded by one of the following values, corresponding to code value contained in BX01

For BX01 code value '03' enter value 'Deletion' followed by date.
For BX01 code value '04' enter value 'Correction' followed by date.
[148-02] Model Number (DG 5001)
[149-02] Nomenclature (DG 5001)
Applies to Government vehicles, trailers, tracked/wheeled guns, aircraft, and outsize general cargo. Enter the nomenclature of the item.
[150-02] Vehicle Year (DG 5013)
Enter Vehicle Year for vehicle shipped to Central/South America.
[151-02] Vehicle Make (DG 5013)
Enter Vehicle Make for vehicle shipped to Central/South America.
[158-02] Nomenclature (DG 6001)
[159-02] Protective Service (DG 6016)
Enter as free-form, abbreviated text the transportation protective service requirements in accordance with the descriptions in Appendix Z or LL of the DTR Part II.

CHANGE NOTE: Title and user note changed per DM 842.
[160-02] HAZMAT Goods Packaged Prior to January 1990 Indicator (DG 6016)

Insert the following value: 'GOVERNMENT-OWNED GOODS PACKAGED BEFORE 1 JANUARY 1990'.
[184-02] POV Year (DG 8001)
Enter POV year.
[185-02] PPGBL Number (DG 8013)
Enter origin PPGBL Number.
[186-02] PPGBL Origin Carrier Name (DG 8013)
Enter name of origin carrier.
[187-02] Travel Order Number and ADSN/Fiscal Station Number (DG 8017)
Enter the Travel Order Number and the ADSN/Fiscal Station Number from the DD Form 1610, "Request and Authorization for TDY Travel of DoD Personnel."
[196-02] General Miscellaneous and Pertinent Information (DG 9013)
Enter clear text miscellaneous data here.
[197-02] ULN (DG 9013)
Enter the unit line number.
[198-02] Transportation Tracking Account Number (TTAN) (DG 9013)
[199-02] UIC (DG 9013)
Enter the UIC.
[200-02] Description of NOS Type Cargo Code (DG 9013)
[201-02] Liquor Information (DG 9013)
Enter type of Liquor.
[202-02] Liquor Bottle Size (DG 9013)
Enter Liquor Bottle Size.
[203-02] Liquor Bottles per Case (DG 9013)
Enter number of Liquor Bottles per Case.
[204-02] Cigarette Information (DG 9013)
Enter the number of cartons per case.
[205-02] CONUS to Hawaii/Guam Rating Information (DG 9013)
Enter the clear text National Motor Freight Classification or Standard Transportation Commodity Code description of the highest rated article in the shipment unit.
[206-02] Active RFID Tag Serial Number (DG 9013)
Enter the active RFID tag serial number used for in transit visibility tracking of the tag.

CHANGE NOTE: Length attribute changed to 1/32 per DM 1002.
[231-02] Pallet Processing Status Code (DG 9801)
Use the following values to denote DoD definitions as indicated:

C - Pallet Closed
T - Truck Closed
D - Driver Sign-off
U - Un-offered.
[232-02] Onward Mode/Method (DG 9801)
See DTR Part II, Appendix GG for applicable codes.

Segment:		**L0** Line Item - Quantity and Weight	
Position:		145	
Loop:		L0 Optional (Must Use)	
Level:		Detail	
Usage:		Optional (Must Use)	
Max Use:		1	
Purpose:		To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data	

Syntax Notes:	1	If either L002 or L003 is present, then the other is required.
	2	If either L004 or L005 is present, then the other is required.
	3	If either L006 or L007 is present, then the other is required.
	4	If either L008 or L009 is present, then the other is required.
	5	If L011 is present, then L004 is required.
	6	If either L013 or L015 is present, then the other is required.
Semantic Notes:	1	L008 is the number of handling units of the line item tendered to the carrier.
	2	L013 can only be used if the code in L009 is PLT, SKD, or SLP.
	3	L015 designates whether the carrier will be required to verify the number of units contained on a pallet, slip sheet or skid. Code "Y" indicates that the carrier will be required to verify. Code "N" indicates that the carrier will not be required to verify.
Comments:	1	L013 is used to convey the total number of boxes, cartons, or pieces contained on a pallet, skid, or slip sheet for the line item.

Notes:
[83] L0 SEGMENT - Piece, Weight, Cube and Type Pack (DG 1001)
[113] L0 SEGMENT - SEAVAN/RORO/463L Piece, Weight, Cube, and Type Pack (DG 2001)
[140] L0 SEGMENT - Piece, Weight, Cube and Type Pack (DG 3001)
[152] L0 SEGMENT - Pieces, Piece Weight, Piece Cube, and Dimensions (DG 5001)
Each DG 5001 will contain pieces, piece weight, piece cube, and dimensions. This segment creates a loop that contains MEA segments.
[161] L0 SEGMENT - HAZMAT Ammunition Round Count (DG 6001)
LOOP CONDITION: Use this segment/loop for ammunition shipments only. This segment is required for X12 compliance to create a loop that contains MEA segments.
[177] L0 SEGMENT - Lot Number Information (DG 7001)
Each L0 segment reflects the round count, weight, and cube of the lot or shipment unit being described. If a shipment unit contains multiple lots, create additional HL loops with associated information for each lot.
[188] L0 SEGMENT - DPM Shipment Net Weight (DG 8001)
SEGMENT CONDITION: Use for DPM shipments from activities OCONUS (outside CONUS) to CONUS.
[233] L0 SEGMENT - Total Weight, Cube, Pieces for 463L Pallet Load (DG 9801)
[234] L0 SEGMENT - Cargo Weight (DG 9801)
SEGMENT CONDITION: Mandatory except for DLA shipments.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
>>	**L001**	**213**	**Lading Line Item Number**	**O**	**N0 1/3**
			Sequential line number for a lading item		
			[161-01] Compliance Number (DG 6001) Use the value one (1) to satisfy X12 syntax requirement.		
X	**L002**	**220**	**Billed/Rated-as Quantity**	**X**	**R 1/11**
			Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81		
X	**L003**	**221**	**Billed/Rated-as Qualifier**	**X**	**ID 2/2**
			Code identifying the type of quantity or value on which the rate or item pricing is based Refer to 004010 Data Element Dictionary for acceptable code values.		

>>	L004	81	**Weight**		X	R 1/10

Numeric value of weight

[83-04] Total Weight of Shipment Unit (DG 1001)
Express total weight of shipment unit in whole pounds. Round up to a whole number.
[113-04] Weight of SEAVAN/RORO/463L (DG 2001)
For SEAVAN, enter the weight of the contents. For ROROs, enter the weight of the RORO plus its contents. For 463L enter weight of pallet plus its contents.
[140-04] Total Weight of Shipment Unit (DG 3001)
Enter total weight of the consolidated shipment and its contents.
[152-04] Weight of a Single Piece (DG 5001)
Enter weight of the piece (whole number) to which the MEA segment (HL loop position 160) dimensions apply.
[177-04] Weight per Lot Number (DG 7001)
ELEMENT CONDITION: Enter the total shipping weight (L011) of the MIL-STD-129 defined unit packs for the Lot Number or for that part of the shipment unit that does not have a Lot Number.
[188-04] DPM Shipment Net Weight (DG 8001)
Activities OCONUS, enter net weight of DPM shipments to CONUS.
[233-04] Total Scale Weight for 463L Pallet Load (DG 9801)
ELEMENT CONDITION: Enter total shipping weight (including pallet, nets, chains, straps, devices, etc.) if available.
[234-04] Cargo Weight (DG 9801)
Enter total Cargo Weight less weight of pallet, nets, chains, straps, devices, etc.

>>	L005	187	**Weight Qualifier**		X	ID 1/2

Code defining the type of weight

[83-05] Weight Type Code (DG 1001)
[113-05] Weight of SEAVAN/RORO/463L Qualifier (DG 2001)
[140-05] Gross Weight Qualifier (DG 3001)
[152-05] Weight Qualifier for a Single Piece (DG 5001)
[177-05] Weight Qualifier (DG 7001)
ELEMENT CONDITION: Required if L004 is used.
[188-05] DPM Shipment Net Weight Qualifier (DG 8001)
[233-05] Weight Type Code (DG 9801)
ELEMENT CONDITION: Required if L004 is used.
[234-05] Weight Qualifier (DG 9801)

			G	Gross Weight

[83-05] Gross Weight
[113-05] Gross Weight
Use 'G' to denote Weight for RORO or 463L
[140-05] Gross Weight
[152-05] Gross Weight
[177-05] Gross Weight
[233-05] Gross Weight

			N	Actual Net Weight

[113-05] Actual Net Weight
Use 'N' to denote Weight for SEAVAN
[188-05] Actual Net Weight
[234-05] Actual Net Weight

>>	L006	183	**Volume**		X	R 1/8

Value of volumetric measure

[83-06] Total Cube of Shipment Unit (DG 1001)
Express total cube of all pieces in the shipment unit in cubic feet. Round up to a whole number.
[113-06] Cube of SEAVAN/RORO/463L (DG 2001)
Enter the cube of the contents for a SEAVAN shipment. For 463L enter the total cube of the 463L pallet plus its contents. Enter the total cube of the RORO

(total cube is based on length, width, and height of RORO, including any exposed cargo). All cube entries should be rounded to whole numbers.

CHANGE NOTE: Reference to whole numbers added per DM 814.
[140-06] Total Cube of Shipment Unit (DG 3001)
Enter the total cube of the consolidated shipment. Total cube is based on length, width, and height of the consolidated shipment, including any exposed cargo. All cube entries should be rounded to whole numbers.

CHANGE NOTE: Reference to whole numbers added per DM 814.
[152-06] Cube of a Single Piece (DG 5001)
Enter cube of the piece (whole number) to which the MEA segment (HL loop position 160) dimensions apply.
[177-06] Cube per Lot Number (DG 7001)
All cube entries should be rounded to whole numbers.

CHANGE NOTE: Reference to whole numbers added per DM 814.
ELEMENT CONDITION: Enter the total cube (L007) of the MIL-STD-129 defined unit packs for the Lot Number or for that part of the shipment unit that does not have a Lot Number.
[233-06] Total Cube of 463L Pallet Load (DG 9801)
All cube entries should be rounded to whole numbers.

CHANGE NOTE: Reference to whole numbers added per DM 814.

>>	L007	184	**Volume Unit Qualifier**	X	ID 1/1

Code identifying the volume unit

[83-07] Cube Qualifier (DG 1001)
[113-07] Cube of SEAVAN/RORO/463L Qualifier (DG 2001)
[140-07] Cube Qualifier (DG 3001)
[152-07] Cube Qualifier (DG 5001)
[177-07] Cube per Lot Number Qualifier (DG 7001)
ELEMENT CONDITION: Required if L006 is used.
[233-07] Cube Qualifier (DG 9801)

E   Cubic Feet

[83-07] Cubic Feet
[113-07] Cubic Feet
[140-07] Cubic Feet
[152-07] Cubic Feet
[177-07] Cubic Feet
[233-07] Cubic Feet

>>	L008	80	**Lading Quantity**	X	N0 1/7

Number of units (pieces) of the lading commodity

[83-08] Number of Pieces for the Shipment Unit (DG 1001)
Express the number of separate pieces for the shipment unit that are not unitized. If the separate pieces are banded to a pallet, then the piece count is one (1).
[113-08] Total Number of Pieces (DG 2001)
For SEAVAN enter actual number of shipment unit pieces loaded in the SEAVAN. For RORO or 463L always enter the value one (1).
[140-08] Number of Pieces for the Shipment Unit (DG 3001)
Enter value one (1).
[152-08] Pieces (DG 5001)
Enter the number of shipment unit pieces to which the MEA segment (HL loop position 160) dimensions apply. Enter zero (0) for estimated number of pieces. Renumber indices accordingly.
CHANGE NOTE: Data element added and L010 removed per DM 778.
[177-08] Round Count per Lot Number (DG 7001)
ELEMENT CONDITION: Enter the number of munitions pieces (Round Count) for the Lot Number or for that part of the shipment unit that does not have a Lot Number.

[233-08] Total Pieces on the Pallet (DG 9801)
Enter the total number of pieces for the shipment units documented on the pallet. If the pallet and its contents have been documented as one shipment unit (a single TCN) then it will only be one piece.

| >> | L009 | 211 | **Packaging Form Code** | X | ID 3/3 |

Code for packaging form of the lading quantity

[83-09] Type Pack Code (DG 1001)
Code for packaging form of the lading quantity.
For air manifests or HL loops subordinate to Pallet Header Information loops (HL03 contains '24') use code 'PCK' to meet X12 syntax compliance requirements. Otherwise select the appropriate three-position Type Pack Code value that describes the Type Pack for the Shipment Unit.
[113-09] Type Pack Code (DG 2001)
Code for packaging form of the lading quantity.
For air manifest only, use code 'PCK' to meet X12 syntax compliance requirements.
[140-09] Type Pack Code (DG 3001)
Code for packaging form of the lading quantity.
For air manifests or HL loops subordinate to Pallet Header Information loops (HL03 contains '24') use code 'PCK' to meet X12 syntax compliance requirements. Otherwise select the appropriate three-position Type Pack Code value that describes the Type Pack for the Shipment Unit.
[152-09] Pieces Qualifier (DG 5001)
[177-09] Round Count per Lot Number Qualifier (DG 7001)
ELEMENT CONDITION: Required if L008 is used.
[233-09] Pieces Qualifier (DG 9801)
CHANGE NOTE: Data element added per DM 814.

AMM   Ammo Pack

[177-09] Ammo Pack
Use 'AMM' to denote Round Count

BAG   Bag

[83-09] Bag
Use 'BAG' to denote Bag, burlap or cloth
[140-09] Bag
Use 'BAG' to denote Bag, burlap or cloth

BAL   Bale

[83-09] Bale
[140-09] Bale

BBL   Barrel

[83-09] Barrel
[140-09] Barrel

BDL   Bundle

[83-09] Bundle
[140-09] Bundle

BOX   Box

[83-09] Box
[140-09] Box

BSK   Basket or hamper

[83-09] Basket or hamper
Use 'BSK' to denote Basket
[140-09] Basket or hamper
Use 'BSK' to denote Basket

CAB   Cabinet

[83-09] Cabinet
[140-09] Cabinet

CAN   Can

[83-09] Can
[140-09] Can

CAS	Case	
	[83-09] Case [140-09] Case	
CBY	Carboy	
	[83-09] Carboy [140-09] Carboy	
CNA	Household Goods Containers, Wood	
	[83-09] Household Goods Containers, Wood Use 'CNA' to denote HHG containers, wood [140-09] Household Goods Containers, Wood Use 'CNA' to denote HHG containers, wood	
CNB	Container, MAC-ISO (Military Airlift Container - International Standards Organization) Light Weight 8x8x20 Foot Air An air container conforming to ISO standards	
	[83-09] Container, MAC-ISO (Military Airlift Container - International Standards Organization) Light Weight 8x8x20 Foot Air Use 'CNB' to denote Container, MAC-ISO, lt. wgt. 8x8x20 foot air [140-09] Container, MAC-ISO (Military Airlift Container - International Standards Organization) Light Weight 8x8x20 Foot Air Use 'CNB' to denote Container, MAC-ISO, lt. wgt. 8x8x20 foot a	
CNC	Container, Navy Cargo Transporter	
	[83-09] Container, Navy cargo transporter [140-09] Container, Navy cargo transporter	
CND	Container, Commercial Highway Lift	
	[83-09] Container, commercial highway lift [140-09] Container, commercial highway lift	
CNE	Engine Container	
	[83-09] Engine container [140-09] Engine container	
CNF	Multiwall Container Secured to Warehouse Pallet	
	[83-09] Multiwall Container Secured to Warehouse Pallet Use 'CNF' to denote Multiwall container secured to warehouse plt [140-09] Multiwall Container Secured to Warehouse Pallet Use 'CNF' to denote Multiwall container secured to warehouse plt	
CNT	Container	
	[83-09] Container Use 'CNT' to denote Container, other than CC, CM, CU, CW, MW, MX [140-09] Container Use 'CNT' to denote Container, other than CC, CM, CU, CW, MW, MX	
CNX	CONEX - Container Express An 8x8x8-foot container used for packaging and shipping military material	
	[83-09] CONEX - Container Express Use 'CNX' to denote CONEX (Gov't owned container) [140-09] CONEX - Container Express Use 'CNX' to denote CONEX (Gov't owned container)	

COL	Coil	
	[83-09] Coil [140-09] Coil	
CRD	Cradle	
	[83-09] Cradle Use 'CRD' to denote Engine cradle or dolly [140-09] Cradle Use 'CRD' to denote Engine cradle or dolly	
CRT	Crate	
	[83-09] Crate [140-09] Crate	
CTN	Carton	
	[83-09] Carton [140-09] Carton	
CYL	Cylinder	
	[83-09] Cylinder [140-09] Cylinder	
DRM	Drum	
	A large container with a cylindrical shape; top may have removable or sealed top sides may be fiberboard or metal	
	[83-09] Drum [140-09] Drum	
DUF	Duffle Bag	
	[83-09] Duffle Bag Use 'DUF' to denote Dufflebag [140-09] Duffle Bag Use 'DUF' to denote Dufflebag	
ENV	Envelope	
	[83-09] Envelope [140-09] Envelope	
HPR	Hamper	
	[83-09] Hamper [140-09] Hamper	
KEG	Keg	
	[83-09] Keg [140-09] Keg	
LSE	Loose	
	[83-09] Loose Use 'LSE' to denote Loose, not packed [140-09] Loose Use 'LSE' to denote Loose, not packed	
MLV	MILVAN - Military Van	
	A 20-foot transportation van that conforms to ISO standards	
	[83-09] MILVAN - Military Van Use 'MLV' to denote MILVAN [140-09] MILVAN - Military Van Use 'MLV' to denote MILVAN	
MSV	MSCVAN - Military Sealift Command Van	
	A 35-foot transportation van	
	[83-09] MSCVAN - Military Sealift Command Van Use 'MSV' to denote MSCVAN [140-09] MSCVAN - Military Sealift Command Van Use 'MSV' to denote MSCVAN	

MXD	Mixed Type Pack
	[83-09] Mixed Type Pack Use 'MXD' to denote Mixed [140-09] Mixed Type Pack Use 'MXD' to denote Mixed
PAL	Pail
	[83-09] Pail [140-09] Pail
PCK	Packed - not otherwise specified
	[83-09] Packed - not otherwise specified [140-09] Packed - not otherwise specified
PCS	Pieces
	[83-09] Pieces Use 'PCS' to denote Piece [140-09] Pieces Use 'PCS' to denote Piece [152-09] Pieces [233-09] Pieces
PLL	New Code Added by IC
	[83-09] 463L Air Pallet [113-09] 463L Pallet [140-09] 463L Air Pallet
PLT	Pallet
	[83-09] Pallet Use 'PLT' to denote Palletized unit load other than code MW [140-09] Pallet Use 'PLT' to denote Palletized unit load other than code MW
REL	Reel
	[83-09] Reel [140-09] Reel
ROL	Roll
	[83-09] Roll [140-09] Roll
SAK	Sack
	[83-09] Sack Use 'SAK' to denote Sack, paper [140-09] Sack Use 'SAK' to denote Sack, paper
SCS	Suitcase
	[83-09] Suitcase [140-09] Suitcase
SHT	Sheet
	[83-09] Sheet [140-09] Sheet
SKD	Skid
	[83-09] Skid [140-09] Skid
SKE	Skid, elevating or lift truck
	[83-09] Skid, elevating or lift truck Use 'SKE' to denote Skid, box [140-09] Skid, elevating or lift truck Use 'SKE' to denote Skid, box

SPL	Spool	
	[83-09] Spool [140-09] Spool	
SVN	SEAVAN - Sea Van	
	A commercial or military 40-foot transportation container that conforms to ISO standards	
	[83-09] SEAVAN - Sea Van Use 'SVN' to denote SEAVAN [140-09] SEAVAN - Sea Van Use 'SVN' to denote SEAVAN	
TBE	Tube	
	[83-09] Tube [140-09] Tube	
TBN	Tote Bin	
	[83-09] Tote Bin Use 'TBN' to denote SEAVAN - TOTE [113-09] Tote Bin Use 'TBN' to denote SEAVAN [140-09] Tote Bin Use 'TBN' to denote SEAVAN - TOTE	
TKR	Tank Car	
	[83-09] Tank Car [140-09] Tank Car	
TKT	Tank Truck	
	[83-09] Tank Truck [140-09] Tank Truck	
TRK	Trunk and Chest	
	[83-09] Trunk and Chest Use 'TRK' to denote Footlocker (Trunk) [140-09] Trunk and Chest Use 'TRK' to denote Footlocker (Trunk)	
TRU	Truck	
	[83-09] Truck [140-09] Truck	
TUB	Tub	
	[83-09] Tub [140-09] Tub	
UNT	Unit	
	[83-09] Unit Use 'UNT' to denote Unitized (use RT for unitized cargo on RORO) [140-09] Unit Use 'UNT' to denote Unitized (use RT for unitized cargo on RORO)	
VEH	Vehicles	
	[83-09] Vehicles [140-09] Vehicles	
VOC	New Code Added by IC	
	[83-09] Vehicle in Operating Condition [140-09] Vehicle in Operating Condition	
VPK	Van Pack	
	[83-09] Van Pack Use 'VPK' to denote Van chassis [140-09] Van Pack Use 'VPK' to denote Van chassis	

			WHE	On Own Wheel	

			WRP	Wrapped	

[83-09] Wrapped
[140-09] Wrapped

>>	**L010**	**458**	**Dunnage Description**	**O**	**AN 2/25**

Material used to protect lading

[177-10] Lot Number (DG 7001)
Enter the Lot Number or, if no Lot Number is available, enter value 'NO LOT NUMBER'.

>>	**L011**	**188**	**Weight Unit Code**	**O**	**ID 1/1**

Code specifying the weight unit

[152-11] Gross Weight Units Qualifier (DG 5001)
[177-11] Weight Unit Qualifier (DG 7001)

			L	Pounds	

[152-11] Pounds
[177-11] Pounds

X	**L012**	**56**	**Type of Service Code**	**O**	**ID 2/2**

Code specifying extent of transportation service requested

Refer to 004010 Data Element Dictionary for acceptable code values.

X	**L013**	**380**	**Quantity**	**X**	**R 1/15**

Numeric value of quantity

X	**L014**	**211**	**Packaging Form Code**	**O**	**ID 3/3**

 Code for packaging form of the lading quantity

Refer to 004010 Data Element Dictionary for acceptable code values.

X	**L015**	**1073**	**Yes/No Condition or Response Code**	**X**	**ID 1/1**

Code indicating a Yes or No condition or response
Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:	**MEA** Measurements		
Position:	160		
Loop:	L0	Optional (Must Use)	
Level:	Detail		
Usage:	Optional (Must Use)		
Max Use:	10		
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)		
Syntax Notes:	1	At least one of MEA03 MEA05 MEA06 or MEA08 is required.	
	2	If MEA05 is present, then MEA04 is required.	
	3	If MEA06 is present, then MEA04 is required.	
	4	If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.	
	5	Only one of MEA08 or MEA03 may be present.	
Semantic Notes:	1	MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.	
Comments:	1	When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.	

Notes: [114] MEA SEGMENT - Total Number of Shipment Units (DG 2001)
SEGMENT CONDITION: Not used for T_2 records for 463L pallets.
[153] MEA SEGMENT - Length (DG 5001)
[154] MEA SEGMENT - Width (DG 5001)
[155] MEA SEGMENT - Height (DG 5001)
[162] MEA SEGMENT - HAZMAT Total Round Count (DG 6001)
SEGMENT CONDITION: This segment is mandatory for ammunition.
[178] MEA SEGMENT - NEW (DG 7001)
SEGMENT CONDITION: Use this segment for Class/Division 1.1, 1.2, 1.3, 1.4 munitions to show the NEW for each Lot Number identified in L010 or for that part of the shipment unit that does not have a Lot Number. Use segment only once per Lot Number or shipment unit. If L010 contains value 'NO LOT NUMBER', enter NEW for shipment unit.
[235] MEA SEGMENT - Pallet Height (DG 9801)
SEGMENT CONDITION: Use for loaded 463L pallet.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> MEA01	737	**Measurement Reference ID Code**	**O ID 2/2**

Code identifying the broad category to which a measurement applies

[114-01] Total Number of Shipment Units Count Qualifier (DG 2001)
[153-01] Dimensions Qualifier (DG 5001)
[154-01] Dimensions Qualifier (DG 5001)
[155-01] Dimensions Qualifier (DG 5001)
[162-01] HAZMAT Total Round Count Qualifier (DG 6001)
[178-01] NEW Qualifier (DG 7001)
[235-01] Pallet Dimensions Qualifier (DG 9801)

CT	Counts	
	[114-01] Counts	
	[162-01] Counts	
NX	Net Explosive Weight	
	[178-01] Net Explosive Weight	
PA	Pallet Dimensions	
	[235-01] Pallet Dimensions	
SD	Shipped Dimensions	
	[153-01] Shipped Dimensions	
	[154-01] Shipped Dimensions	
	[155-01] Shipped Dimensions	

>>	MEA02	738	Measurement Qualifier	O	ID 1/3

Code identifying a specific product or process characteristic to which a measurement applies

[114-02] Total Number of Shipment Units Qualifier (DG 2001)
[153-02] Length of a Piece(s) Qualifier (DG 5001)
[154-02] Width of Pieces Qualifier (DG 5001)
[155-02] Height of Pieces Qualifier (DG 5001)
[235-02] Pallet Height Qualifier (DG 9801)

HT	Height
	[155-02] Height
	[235-02] Height
LN	Length
	[153-02] Length
SU	Shipped Units
	[114-02] Shipped Units
WD	Width
	[154-02] Width

>>	MEA03	739	Measurement Value	X	R 1/20

The value of the measurement

[114-03] Total Number of Shipment Units (DG 2001)
Enter the Total Number of Shipment Units loaded in the SEAVAN or RORO.
[153-03] Length of a Piece(s) of the Shipment Unit (DG 5001)
Dimension measured in inches. (T_5 59/59, which equals 'L', is not used in the 858 transaction.)
[154-03] Width of a Piece(s) of the Shipment Unit (DG 5001)
Dimension measured in inches. (T_5 63/63, which equals 'W', is not used in the 858 transaction.)
[155-03] Height of a Piece(s) of the Shipment Unit (DG 5001)
Dimension measured in inches. (T_5 67/67, which equals 'H', is not used in the 858 transaction.)
[162-03] HAZMAT Total Round Count (DG 6001)
For ammunition, enter the Total Round Count in the shipment unit.
[178-03] Net Explosive Weight (DG 7001)

If Net Explosive Weight is available for an individual
line item, carry that weight in this data element. Entry many contain a decimal; if not, decimal is assumed at right-most point of the field.

[235-03] Pallet Height (DG 9801)
Enter Pallet Height in inches.

X	MEA04	C001	Composite Unit of Measure	X	ID 2/2

To identify a composite unit of measure (See Figures Appendix for examples of use)

>>	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Refer to 004010 Data Element Dictionary for acceptable code values.

KG	Kilogram
	[178-03-01] Kilogram
LB	Pound
	[178-03-01] Pound

X	C00102	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
X	C00103	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
X	C00104	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	C00105	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
X	C00106	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
X	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	C00108	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
X	C00109	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
X	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	C00111	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
X	C00112	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
X	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	C00114	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
X	C00115	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
X	MEA05	740	**Range Minimum**	X	R 1/20
			The value specifying the minimum of the measurement range		
X	MEA06	741	**Range Maximum**	X	R 1/20
			The value specifying the maximum of the measurement range		
X	MEA07	935	**Measurement Significance Code**	O	ID 2/2
			Code used to benchmark, qualify or further define a measurement value		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	MEA08	936	**Measurement Attribute Code**	X	ID 2/2
			Code used to express an attribute response when a numeric measurement value cannot be determined		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	MEA09	752	**Surface/Layer/Position Code**	O	ID 2/2
			Code indicating the product surface, layer or position that is being described		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	MEA10	1373	**Measurement Method or Device**	O	ID 2/4
			The method or device used to record the measurement		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

	Segment:	**LH1** Hazardous Identification Information
	Position:	170
	Loop:	LH1 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify the hazardous commodity identification reference number and quantity
	Syntax Notes:	
	Semantic Notes:	
	Comments:	**1** LH101 and LH102 are used to convey the number and type of packages for bulk and nonbulk movements.
		2 LH106 and LH107 are used to convey the quantity or volume and unit of measure for nonbulk shipments only.
		3 In LH109, a value of "R" or "P" requires that the receiver generate the words "residue: last contained" prior to the shipping name in accordance with regulations.
	Notes:	[163] LH1 SEGMENT - HAZMAT Information (DG 6016) SEGMENT CONDITION: Use a separate LH1 segment/loop for each HAZMAT item.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	LH101	355	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			[163-01] HAZMAT Information (DG 6016) Use code value 'ZZ' to satisfy X12 syntax requirements. (Note: The HAZMAT Type Pack Code moved to data element LFH02 - HAZMAT Type Pack Code.) CHANGE NOTE: Per DM 863 do the following: Rename LH101 data element. Remove reference to T_9 54/79. Select code value 'ZZ'. Replace user note as modified by FACTS guidance.		
			ZZ Mutually Defined		
			[163-01] Mutually Defined		
M	LH102	80	**Lading Quantity**	**M**	**N0 1/7**
			Number of units (pieces) of the lading commodity		
			[163-02] HAZMAT Type Pack Quantity (DG 6016) For HAZMAT Type Pack Quantity enter the number of packages associated with the type of packaging referenced in the LFH (HAZMAT Type Pack Code) segment, data element LFH02. CHANGE NOTE: Replace user note as modified by FACTS guidance per DM 863.		
	LH103	277	**UN/NA Identification Code**	**O**	**ID 6/6**
			Code identifying the hazardous material identification number as required by Title 49 of the code of Federal Regulations; UN/NA stands for United Nations/North America		
			[163-03] HAZMAT UN/NA Number (DG 6016) CHANGE NOTE: User note changed per DM 778. ELEMENT CONDITION: As applicable, enter value 'UN', value 'NA', or value 'ID' followed by four-position number. SOURCE: Hazardous Materials Regulations of the Department of Transportation by Air, Rail, Highway, and Water available from Association of American Railroads Publications		
X	LH104	200	**Hazardous Materials Page**	**O**	**AN 1/6**
			The United Nations page number as required for the international transport of hazardous materials		

| | **LH105** | **22** | **Commodity Code** | **O** | **AN 1/30** |

Code describing a commodity or group of commodities

[163-05] HAZMAT Weight (DG 6016)
Code describing a commodity or group of commodities.
Enter HAZMAT total quantity weight in pounds or kilograms except for Class 1 material which must be the net explosive mass (kilograms). For quantity exceptions, see 49 CFR 172.203.
CHANGE NOTE: User note corrected per DM 775.
ELEMENT CONDITION: Use when qualifier in LH106 refers to weight.
SOURCE: 49 CFR 172.203

| >> | **LH106** | **355** | **Unit or Basis for Measurement Code** | **O** | **ID 2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

[163-06] HAZMAT Volume or Weight Qualifier (DG 6016)
Select single code value from DE 355 to qualify weight or volume carried in either LH105 or LH107.
CHANGE NOTE: Specific codes removed and user note modified per DM 826.

Refer to 004010 Data Element Dictionary for acceptable code values.

| | **LH107** | **380** | **Quantity** | **O** | **R 1/15** |

Numeric value of quantity

[163-07] HAZMAT Volume (DG 6016)
Enter HAZMAT total quantity volume value in accordance with the unit of measure noted in LH106 (e.g., cubic feet, gallon).
ELEMENT CONDITION: Use when qualifier in LH106 refers to volume.

| X | **LH108** | **595** | **Compartment ID Code** | **O** | **ID 1/1** |

Code identifying the compartment in a compartmentalized tank car

Refer to 004010 Data Element Dictionary for acceptable code values.

| X | **LH109** | **665** | **Residue Indicator Code** | **O** | **ID 1/1** |

Code indicating that the material being described is that which remains in a packaging (including a tank car) after it has been unloaded
Refer to 004010 Data Element Dictionary for acceptable code values.

| | **LH110** | **254** | **Packing Group Code** | **O** | **ID 1/3** |

Code indicating degree of danger in terms of Roman number I, II or III

[163-10] HAZMAT Packing Group (DG 6016)
As applicable, enter value 'I', 'II', or 'III' to denote PGI, PGII, or PGIII, when Packing Group is assigned.
CHANGE NOTE: Requirement attributed changed to 'C' and user note replaced per DM 808
SOURCE: The Canadian Gazette, Part II available from Canadian Government Publishing Centre Supply and Services Canada

| X | **LH111** | **1375** | **Interim Hazardous Material Regulatory Number** | **O** | **AN 1/5** |

Identifies the current regulatory version number used for hazardous materials shipments

Segment:	**LH2** Hazardous Classification Information
Position:	180
Loop:	LH1 Optional
Level:	Detail
Usage:	Optional
Max Use:	4
Purpose:	To specify the hazardous notation and endorsement information
Syntax Notes:	1 If either LH206 or LH207 is present, then the other is required.
	2 If either LH208 or LH209 is present, then the other is required.
	3 If either LH210 or LH211 is present, then the other is required.
Semantic Notes:	1 LH206 and LH207 indicate the flashpoint temperature.
	2 LH208 and LH209 indicate the control temperature.
	3 LH210 and LH211 indicate the emergency temperature.
Comments:	
Notes:	[164] LH2 SEGMENT - HAZMAT Additional Information (DG 6016)
	SEGMENT CONDITION: Use for HAZMAT additional information as appropriate. Repeat the LH2 segment up to four times to document the UN Class or Division Number for subsidiary hazards.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	LH201	215	**Hazardous Classification**	O	ID 1/30

The hazardous classification corresponding to the shipping name of the hazardous commodity

[164-01] HAZMAT UN Class or Division Number (DG 6016)
As appropriate, enter the one- or two-digit hazard class or division number in accordance with 49 CFR or International Maritime Dangerous Goods Code (IMDGC). If two characters, the second position is a decimal value (e.g., 12 implies 1.2).
SOURCE: Hazardous Materials Regulations of the Department of Transportation by Air, Rail, Highway, and Water available from Association of American Railroads Publications

	Ref. Des.	Data Element	Name	Attributes	
X	**LH202**	983	**Hazardous Class Qualifier**	O	ID 1/1

Code qualifying hazardous class

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes	
X	**LH203**	218	**Hazardous Placard Notation**	O	ID 14/40

The placard notation corresponding to the hazard class of the hazardous commodity

	Ref. Des.	Data Element	Name	Attributes	
X	**LH204**	222	**Hazardous Endorsement**	O	ID 4/25

The placard endorsement that is to be shown on the shipping papers for the hazardous commodity

	Ref. Des.	Data Element	Name	Attributes	
	LH205	759	**Reportable Quantity Code**	O	ID 2/2

Code to identify presence of hazardous substance

[164-05] HAZMAT Reportable Quantity Indicator (DG 6016)
ELEMENT CONDITION: As appropriate, use to indicate that the hazardous material quantity meets or exceeds the quantity limit listed in 49 CFR.

RQ   Reportable Quantity
[164-05] Reportable Quantity

	Ref. Des.	Data Element	Name	Attributes	
	LH206	355	**Unit or Basis for Measurement Code**	X	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

[164-06] HAZMAT Flashpoint Qualifier (DG 6016)
ELEMENT CONDITION: Required if HAZMAT Flashpoint applies.

CE   Centigrade, Celsius
[164-06] Centigrade, Celsius
Use 'CE' to denote Centigrade

			FA	Fahrenheit		
			[164-06] Fahrenheit			
	LH207	408	**Temperature**	**X**	**R 1/4**
			Temperature		
			[164-07] HAZMAT Flashpoint (DG 6016) The flashpoint for flammable liquids, in degrees Centigrade (C) or Fahrenheit (F). (For example, '800F' might indicate a closed cup flashpoint of 800 degrees Fahrenheit.)		
X	**LH208**	355	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**LH209**	408	**Temperature**	**X**	**R 1/4**
			Temperature		
X	**LH210**	355	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**LH211**	408	**Temperature**	**X**	**R 1/4**
			Temperature		

Segment:	**LH3** Hazardous Material Shipping Name
Position:	190
Loop:	LH1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify the hazardous material shipping name and additional descriptive requirements
Syntax Notes:	1 If either LH301 or LH302 is present, then the other is required.
Semantic Notes:	1 If LH304 is "Y", then this is an Association of American Railroads Operations and Transportation Bulletin 55 commodity. If "N", it is not an Association of American Railroads Operations and Transportation Bulletin 55 commodity.
Comments:	
Notes:	[165] LH3 SEGMENT - HAZMAT Proper Shipping Name (DG 6016) SEGMENT CONDITION: Segment is required for all HAZMAT shipping. If HAZMAT Proper Shipping Name is greater than 25 characters, use additional LH3 segments as required.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	LH301	224	**Hazardous Material Shipping Name**	X AN 1/25
			The proper shipping name of the hazardous commodity as specified by the Code of Federal Regulations, Title 49	
			[165-01] HAZMAT Proper Shipping Name (DG 6016) Enter Proper Shipping Name. See LFH02 segment (HL loop position 191) to enter the Technical Name when required by regulation. SOURCE: Hazardous Materials Regulations of the Department of Transportation by Air, Rail, Highway, and Water available from Association of American Railroads Publications	
>>	LH302	984	**Hazardous Material Shipping Name Qualifier**	X ID 1/1
			Qualifier indicating the source (regulatory) of the proper shipping name	
			[165-02] HAZMAT Proper Shipping Name Qualifier (DG 6016)	
			C Canadian Shipping Name	
			[165-02] Canadian Shipping Name	
			D Domestic (United States) Shipping Name	
			[165-02] Domestic (United States) Shipping Name	
			I International Shipping Name	
			[165-02] International Shipping Name	
X	LH303	985	**N.O.S. Indicator Code**	O ID 3/3
			Code indicating the type of regulatory requirements that apply to a description; N.O.S. stands for Not Otherwise Specified	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	LH304	1073	**Yes/No Condition or Response Code**	O ID 1/1
			Code indicating a Yes or No condition or response	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment:	**LFH** Freeform Hazardous Material Information
Position:	191
Loop:	LH1 Optional
Level:	Detail
Usage:	Optional
Max Use:	20
Purpose:	To uniquely identify the variable information required by government regulation covering the transportation of hazardous material shipments
Syntax Notes:	1 If either LFH05 or LFH06 is present, then the other is required.
Semantic Notes:	1 LFH06 indicates activity of the radioactive material.
	2 LFH07 indicates transport index of the radioactive material.
Comments:	

Notes:

[166] LFH SEGMENT - HAZMAT Type Pack Code (DG 6016)
CHANGE NOTE: Segment added (and FACTS guidance applied) per DM 863.
SEGMENT CONDITION: Use when LH102 - HAZMAT Type Pack Quantity present.
[167] LFH SEGMENT - HAZMAT Remarks (Radioactive) (DG 6016)
CHANGE NOTE: Segment added per DM 803.
SEGMENT CONDITION: Use for Radioactive HAZMAT shipments.
[168] LFH SEGMENT - HAZMAT Technical Name (DG 6016)
SEGMENT CONDITION: Required when Proper Shipping Name (PSN) contains a Technical Name in parentheses immediately following the PSN. If HAZMAT Technical Name is greater than 25 characters, use additional LFH segments as required.
[169] LFH SEGMENT - HAZMAT Waste Indicator (DG 6016)
SEGMENT CONDITION: Required if the hazardous material is defined as waste.
[170] LFH SEGMENT - HAZMAT Limited Quantity Indicator (DG 6016)
SEGMENT CONDITION: Required when the hazardous material is defined as limited.
[171] LFH SEGMENT - HAZMAT Cargo Aircraft Only Indicator (DG 6016)
SEGMENT CONDITION: Required for HAZMAT cargo on military air transportation when the applicable passenger 'P' code is indicated in accordance with AFMAN 24-204(I)/TM 38-250/MCO P4030.19H/NAVSUP Pub 505/DLAI 4145.3, "Preparing Hazardous Materials for Military Air Shipments."
[172] LFH SEGMENT - HAZMAT Toxic Inhalation Zone Code (DG 6016)
SEGMENT CONDITION: Required for toxic inhalation materials.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M LFH01	808	**Hazardous Material Shipment Information Qualifier**	M ID 3/3

Qualifier indicating the type of information being passed so that a receiver may format a description of hazardous commodity movements that meets regulatory requirements

[166-01] HAZMAT Shipment Identifier (DG 6016)
Use code value 'HZC' to identify HAZMAT Type Pack Code segment.
[167-01] Additional Basic Description Information Qualifier (DG 6016)
Use code value 'RAM' when additional information must appear for Radioactive Material according to 49 CFR.
[168-01] HAZMAT Technical Name Qualifier (DG 6016)
[169-01] HAZMAT Waste Indicator Qualifier (DG 6016)
[170-01] HAZMAT Limited Quantity Indicator Qualifier (DG 6016)
[171-01] HAZMAT Cargo Aircraft Only Indicator Qualifier (DG 6016)
[172-01] HAZMAT Toxic Inhalation Materials Indicator Qualifier (DG 6016)

CAO	Cargo Airlift Only	
	[171-01] Cargo Airlift Only	
HZC	Hazardous Substance Constituents	
	[166-01] Hazardous Substance Constituents	
LQY	"Limited Quantity" Declaration	
	[170-01] "Limited Quantity" Declaration	

			PIH	"Poison - Inhalation Hazard" Declaration		
				[172-01] "Poison - Inhalation Hazard" Declaration		
			RAM	Radioactive Material Data		
				[167-01] Radioactive Material Data		
			TEC	Technical or Chemical Group Name		
				[168-01] Technical or Chemical Group Name		
			WST	Waste Declaration		
				[169-01] Waste Declaration		

M	LFH02	809	**Hazardous Material Shipment Information**	M	AN 1/25

Specific information required by law for hazardous material shipments

[166-02] HAZMAT Type Pack Code (DG 6016)
Enter the appropriate ANSI X12 code from TMDS
(https://www-tmds.c2.amc.af.mil/TMDS/DTRdata.xsql?result=&view=V_TYP
E_PACK&skip=0&max=10)
[167-02] Additional Basic Description Information (Radioactive) (DG 6016)
Enter the appropriate text in quotes as specified by 49 CFR 172.203(d).
SOURCE: 49 CFR 172.203(d)
[168-02] HAZMAT Technical Name (DG 6016)
Enter the technical name of the HAZMAT material.
[169-02] HAZMAT Waste Indicator (DG 6016)
Enter the value 'WASTE' if the hazardous material is defined as waste.
[170-02] HAZMAT Limited Quantity Indicator (DG 6016)
Include the words 'Limited Quantity' or 'LTD QTY' when the material is
defined as such.
[171-02] HAZMAT Cargo Aircraft Only Indicator (DG 6016)
Enter value 'Cargo Aircraft Only'.
[172-02] HAZMAT Toxic Inhalation Materials Indicator (DG 6016)
Use the value 'Toxic Inhalation Hazard ' followed by value 'Zone A', 'Zone B',
'Zone C', or 'Zone D' for gases or value 'Zone A' or 'Zone B' for liquids,
depending on the zone selected in LFH04.

The word 'toxic' is not required if already included as part of the PSN.

	LFH03	809	**Hazardous Material Shipment Information**	O	AN 1/25

Specific information required by law for hazardous material shipments

[166-03] HAZMAT Type Pack Description (DG 6016)
ELEMENT CONDITION: Enter corresponding HAZMAT Type Pack Code
description, if applicable.

>>	LFH04	1023	**Hazard Zone Code**	O	ID 1/1

Code specifying the Department of Transportation assigned zone designating
the Inhalation Toxicity Hazard Zone

[172-04] HAZMAT Toxic Inhalation Zone Code (DG 6016)
Indicate the appropriate hazard zone to affix to entry in LFH02.

			A	Hazard Zone A
				[172-04] Hazard Zone A
			B	Hazard Zone B
				[172-04] Hazard Zone B
			C	Hazard Zone C
				[172-04] Hazard Zone C
			D	Hazard Zone D
				[172-04] Hazard Zone D

>>	**LFH05**	**355**	**Unit or Basis for Measurement Code**		**X**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

[167-05] Radioactive Unit of Measure Code (DG 6016)

08	Heat Lots

[167-05] Heat Lots
Use '08' to denote Nanocurie

09	Tire

[167-05] Tire
Use '09' to denote Terabecquerels

2Q	Kilobecquerel

Unit of radiation

[167-05] Kilobecquerel

2R	Kilocurie

Unit of radiation

[167-05] Kilocurie

4D	Curie

A unit of radioactivity equal to 3.7 * 10/10 disintegrations per second

[167-05] Curie

4N	Megabecquerel

Unit of radiation

[167-05] Megabecquerel

G4	Gigabecquerel

Unit of radiation equal to 27 millicuries

[167-05] Gigabecquerel

M5	Microcurie

[167-05] Microcurie

MU	Millicurie

[167-05] Millicurie

R2	Becquerel

Unit of radiation equal to 3.7 * 10/10 of a curie

[167-05] Becquerel

>>	**LFH06**	**380**	**Quantity**		**X**	**R 1/15**

Numeric value of quantity

[167-06] Radioactive Activity Level (DG 6016)
Enter Radioactive Activity Level.

	LFH07	**380**	**Quantity**		**O**	**R 1/15**

Numeric value of quantity

[167-07] Transport Index of Radioactive Material (DG 6016)
ELEMENT CONDITION: Enter Transport Index if required.

Segment:	**LHR** Hazardous Material Identifying Reference Numbers				
Position:	210				
Loop:	LH1	Optional			
Level:	Detail				
Usage:	Optional				
Max Use:	10				
Purpose:	To transmit specific hazardous material reference numbers				
Syntax Notes:					
Semantic Notes:					
Comments:					

Notes:
[173] LHR SEGMENT - HAZMAT DoDIC/IMO Designation (DG 6001)
SEGMENT CONDITION: Required for all hazardous materials.
[174] LHR SEGMENT - HAZMAT Compatibility Group Code (DG 6001)
SEGMENT CONDITION: Required for ammunition and explosives.
[175] LHR SEGMENT - HAZMAT Special Approval Number (DG 6001)
SEGMENT CONDITION: A Special Approval (DOT Special Permit, CAA, COE, or DoD packaging waiver) number must be entered if applicable.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	LHR01	128	Reference Identification Qualifier	M	ID 2/3

Code qualifying the Reference Identification

[173-01] HAZMAT DoDIC/IMO Designation Qualifier (DG 6001)
[174-01] HAZMAT Compatibility Group Code Qualifier (DG 6001)
[175-01] HAZMAT Special Approval Number Qualifier (DG 6001)

1I	Department of Defense Identification Code (DoDIC)	

Qualifies a code that uniquely identifies a type of explosive or ammunition

[173-01] Department of Defense Identification Code (DoDIC)
Use '1I' to denote Ammunition, Ammunition Components, and Explosives

6P	Group Number	

[174-01] Group Number

HN	Hazardous Certification Number	

[175-01] Hazardous Certification Number
Use 'HN' to denote Special Approval Number

ZZ	Mutually Defined	

[173-01] Mutually Defined
Use 'ZZ' to denote Other HAZMAT

M	LHR02	127	Reference Identification	M	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

[173-02] HAZMAT DoDIC/IMO Designation (DG 6001)
For ammunition, ammunition components, and explosives, enter the Department of Defense Identification Code (DoDIC). For other HAZMAT, enter the letters 'IMO'.
[174-02] HAZMAT Compatibility Group Code (DG 6001)
[175-02] HAZMAT Special Approval Number (DG 6001)
Enter Special Approval (DOT Special Permit, CAA, COE, or DoD packaging waiver) Number.

X	LHR03	373	Date	O	DT 8/8

Date expressed as CCYYMMDD

Segment:	**FA1** Type of Financial Accounting Data
Position:	230
Loop:	FA1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

Syntax Notes:

Semantic Notes:
1 FA101 Identifies the organization controlling the assignment of financial accounting information.
2 FA102 Identifies the purpose of the accounting allowance or charge information.

Comments:

Notes:
[84] FA1 SEGMENT - Shipment Unit (T_0/1/4) (DG 1001)
Carriers do not need to receive appropriation data. Shipper systems that are capable of receiving, storing, and sending structured DoD appropriation numbers may use this loop to exchange those numbers with trading partners.
LOOP CONDITION: Use this segment for the Transportation Account Code (TAC). This segment begins the appropriation number loop for T_0/1/4 data (DG 1001). It calls for both FA1 and FA2 segments.
[115] FA1 SEGMENT - 463L (T_2) (DG 2001)
Carriers do not need to receive appropriation data. Shipper systems that are capable of receiving, storing, and sending structured DoD appropriation numbers may use this loop to exchange those numbers with trading partners.
Carriers do not need to receive appropriation data. Shipper systems that are capable of receiving, storing, and sending structured DoD appropriation numbers may use this loop to exchange those numbers with trading partners.
SEGMENT CONDITION: Use this segment for the 463L pallet Transportation Account Code (TAC). This segment begins the appropriation number loop for T_2 data (DG 2001). It calls for both FA1 and FA2 segments.
[141] FA1 SEGMENT - Other Consolidations (Not SEAVAN/RORO/463L) (T_3) (DG 3001)
Carriers do not need to receive appropriation data. Shipper systems that are capable of receiving, storing, and sending structured DoD appropriation numbers may use this loop to exchange those numbers with trading partners.
SEGMENT CONDITION: Uae this segment for the Transportation Account Code (TAC) when available. The segment begins the appropriation loop for T_3 data (DG 3001). It calls for both FA1 and FA2 segments.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	FA101	559	**Agency Qualifier Code**	M ID 2/2

Code identifying the agency assigning the code values

[84-01] Agency Qualifier Code (T_0/1/4) (DG 1001)
Code identifying the agency assigning the code values.
[115-01] Agency Qualifier Code (T_2) (DG 2001)
Code identifying the agency assigning the code values.
[141-01] Agency Qualifier Code (DG 3001)
Code identifying the agency assigning the code values.

DF   Department of Defense (DoD)

[84-01] Department of Defense (DoD)
[115-01] Department of Defense (DoD)
[141-01] Department of Defense (DoD)

DN   Department of the Navy

[84-01] Department of the Navy
[115-01] Department of the Navy
[141-01] Department of the Navy

		DX	United States Marine Corps		
			[84-01] United States Marine Corps [115-01] United States Marine Corps [141-01] United States Marine Corps		
		DY	Department of Air Force		
			[84-01] Department of Air Force [115-01] Department of Air Force [141-01] Department of Air Force		
		DZ	Department of Army		
			[84-01] Department of Army [115-01] Department of Army [141-01] Department of Army		
		HS	Department of Health and Human Services		
			[84-01] Department of Health and Human Services Use 'HS' to denote Department of Homeland Security/US Coast Guard (DHS/USCG) [115-01] Department of Health and Human Services Use 'HS' to denote Department of Homeland Security/US Coast Guard (DHS/USCG) [141-01] Department of Health and Human Services Use 'HS' to denote Department of Homeland Security/US Coast Guard (DHS/USCG)		
X	**FA102**	**1300**	**Service, Promotion, Allowance, or Charge Code**	**O**	**ID 4/4**
			Code identifying the service, promotion, allowance, or charge		
X	**FA103**	**248**	**Allowance or Charge Indicator**	**O**	**ID 1/1**
			Code which indicates an allowance or charge for the service specified Refer to 004010 Data Element Dictionary for acceptable code values.		

	Segment:	**FA2** Accounting Data
	Position:	240
	Loop:	FA1 Optional
	Level:	Detail
	Usage:	Mandatory
	Max Use:	>1
	Purpose:	To specify the detailed accounting data
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

	Notes:	[85] FA2 SEGMENT - Shipment Unit Appropriation Elements (T_0/1/4) (DG 1001) SEGMENT CONDITION: Required when FA1 segment is used. Use for Transportation Account Code (TAC) information. [116] FA2 SEGMENT - 463L Appropriation Elements (T_2) (DG 2001) Required when FA1 segment is used. Use for Transportation Account Code (TAC) information. [142] FA2 SEGMENT - Other Consolidations (Not SEAVAN/RORO/463L) (T_3) (DG 3001) Required when FA1 segment is used. Use for Transportation Account Code (TAC) information when available.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	FA201	1196	**Breakdown Structure Detail Code**	**M** **ID 2/2**

Codes identifying details relating to a reporting breakdown structure tree

[85-01] Breakdown Structure Detail Code (T_0/1/4) (DG 1001)
[116-01] Breakdown Structure Detail Code (T_2) (DG 2001)
[142-01] Breakdown Structure Detail Code (T_3) (DG 3001)

84		Total Direct Costs

[85-01] Total Direct Costs
[116-01] Total Direct Costs
[142-01] Total Direct Costs

89		New Code Added by IC

[85-01] Budget Line Item
[116-01] Budget Line Item
[142-01] Budget Line Item

90		New Code Added by IC

[85-01] Project Identifier
[116-01] Project Identifier
[142-01] Project Identifier

A1		Department Indicator

[85-01] Department Indicator
Use 'A1' to denote Department Regular
[116-01] Department Indicator
Use 'A1' to denote Department Regular
[142-01] Department Indicator
Use 'A1' to denote Department Regular

A2		Transfer from Department

[85-01] Transfer from Department
Use 'A2' to denote Department Transfer
[116-01] Transfer from Department
Use 'A2' to denote Department Transfer
[142-01] Transfer from Department
Use 'A2' to denote Department Transfer

A3		Fiscal Year Indicator

[85-01] Fiscal Year Indicator
[116-01] Fiscal Year Indicator
[142-01] Fiscal Year Indicator

A4	Basic Symbol Number	

[85-01] Basic Symbol Number
Use 'A4' to denote Main Account
[116-01] Basic Symbol Number
Use 'A4' to denote Main Account
[142-01] Basic Symbol Number
Use 'A4' to denote Main Account

A5	Sub-class	

[85-01] Sub-class
[116-01] Sub-class
[142-01] Sub-class

A6	Sub-Account Symbol	

[85-01] Sub-Account Symbol
Use 'A6' to denote Sub Account
[116-01] Sub-Account Symbol
Use 'A6' to denote Sub Account
[142-01] Sub-Account Symbol
Use 'A6' to denote Sub Account

AI	New Code Added by IC	

[85-01] Activity Identifier
[116-01] Activity Identifier
[142-01] Activity Identifier

AT	Air Force Transportation Account Code (ATAC)	

[85-01] Air Force Transportation Account Code (ATAC)
[116-01] Air Force Transportation Account Code (ATAC)
[142-01] Air Force Transportation Account Code (ATAC)

B1	Budget Activity Number	

[85-01] Budget Activity Number
[116-01] Budget Activity Number
[142-01] Budget Activity Number

B2	Budget Sub-activity Number	

[85-01] Budget Sub-activity Number
Use 'B2' to denote Sub-Allocation
[116-01] Budget Sub-activity Number
Use 'B2' to denote Sub-Allocation
[142-01] Budget Sub-activity Number
Use 'B2' to denote Sub-Allocation

B3	Budget Program Activity	

[85-01] Budget Program Activity
[116-01] Budget Program Activity
[142-01] Budget Program Activity

BE	New Code Added by IC	

[85-01] Business Event Type Code
[116-01] Business Event Type Code
[142-01] Business Event Type Code

C1	Program Element	

[85-01] Program Element
[116-01] Program Element
[142-01] Program Element

C2	Project Task or Budget Subline	

[85-01] Project Task or Budget Subline
[116-01] Project Task or Budget Subline
[142-01] Project Task or Budget Subline

C3	Budget Restriction	

[85-01] Budget Restriction
Use 'C3' to denote Availability Type
[116-01] Budget Restriction
Use 'C3' to denote Availability Type
[142-01] Budget Restriction
Use 'C3' to denote Availability Type

CC	New Code Added by IC	

[85-01] Cost Center Identifier
[116-01] Cost Center Identifier
[142-01] Cost Center Identifier

D1	Defense Agency Allocation Recipient	

[85-01] Defense Agency Allocation Recipient
[116-01] Defense Agency Allocation Recipient
[142-01] Defense Agency Allocation Recipient

D4	Component Sub-allocation Recipient	

[85-01] Component Sub-allocation Recipient
[116-01] Component Sub-allocation Recipient
[142-01] Component Sub-allocation Recipient

D6	Sub-allotment Recipient	

[85-01] Sub-allotment Recipient
Use 'D6' to denote Sub-allotment Recipien
[116-01] Sub-allotment Recipient
[142-01] Sub-allotment Recipient

D7	Work Center Recipient	

[85-01] Work Center Recipient
[116-01] Work Center Recipient
[142-01] Work Center Recipient

E1	Major Reimbursement Source Code	

[85-01] Major Reimbursement Source Code
[116-01] Major Reimbursement Source Code
[142-01] Major Reimbursement Source Code

E2	Detail Reimbursement Source Code	

[85-01] Detail Reimbursement Source Code
[116-01] Detail Reimbursement Source Code
[142-01] Detail Reimbursement Source Code

E3	Customer Indicator	

[85-01] Customer Indicator
[116-01] Customer Indicator
[142-01] Customer Indicator

F1	Object Class	

[85-01] Object Class
[116-01] Object Class
[142-01] Object Class

F3	Government or Public Sector Identifier	

[85-01] Government or Public Sector Identifier
[116-01] Government or Public Sector Identifier
[142-01] Government or Public Sector Identifier

FA	New Code Added by IC	

[85-01] Functional Area
[116-01] Functional Area
[142-01] Functional Area

FC	New Code Added by IC	

[85-01] Funding Center Identifier
[116-01] Funding Center Identifier
[142-01] Funding Center Identifier

FT		New Code Added by IC

[85-01] Funding Type
[116-01] Funding Type
[142-01] Funding Type

G2		Special Interest Code or Special Program Cost Code

[85-01] Special Interest Code or Special Program Cost Code
[116-01] Special Interest Code or Special Program Cost Code
[142-01] Special Interest Code or Special Program Cost Code

H1		Cost Code

[85-01] Cost Code
Use 'H1' to denote Cost Element Code
[116-01] Cost Code
Use 'H1' to denote Cost Element Code
[142-01] Cost Code
Use 'H1' to denote Cost Element Code

I1		Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)

[85-01] Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
[116-01] Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
[142-01] Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)

IA		New Code Added by IC

[85-01] Security Cooperation Implementing Agency Code
[116-01] Security Cooperation Implementing Agency Code
[142-01] Security Cooperation Implementing Agency Code

J1		Document or Record Reference Number

[85-01] Document or Record Reference Number
[116-01] Document or Record Reference Number
[142-01] Document or Record Reference Number

K6		Accounting Classification Reference Code

[85-01] Accounting Classification Reference Code
[116-01] Accounting Classification Reference Code
[142-01] Accounting Classification Reference Code

L1		Accounting Installation Number

[85-01] Accounting Installation Number
Use 'L1' to denote Agency Accounting Identifier
[116-01] Accounting Installation Number
Use 'L1' to denote Agency Accounting Identifier
[142-01] Accounting Installation Number
Use 'L1' to denote Agency Accounting Identifier

M1		Local Installation Data

[85-01] Local Installation Data
[116-01] Local Installation Data
[142-01] Local Installation Data

MD		Movement Designator Code (MDC)

[85-01] Movement Designator Code (MDC)
[116-01] Movement Designator Code (MDC)
[142-01] Movement Designator Code (MDC)

N1	Transaction Type
	[85-01] Transaction Type [116-01] Transaction Type [142-01] Transaction Type
P1	Disbursing Station Number
	[85-01] Disbursing Station Number Use 'P1' to denote Agency Disbursing Identifier Code [116-01] Disbursing Station Number Use 'P1' to denote Agency Disbursing Identifier Code [142-01] Disbursing Station Number Use 'P1' to denote Agency Disbursing Identifier Code
P5	Foreign Military Sales (FMS) Line Item Number
	[85-01] Foreign Military Sales (FMS) Line Item Number [116-01] Foreign Military Sales (FMS) Line Item Number [142-01] Foreign Military Sales (FMS) Line Item Number
S1	New Code Added by IC
	[85-01] Security Cooperation [116-01] Security Cooperation [142-01] Security Cooperation
S2	New Code Added by IC
	[85-01] Security Cooperation [116-01] Security Cooperation [142-01] Security Cooperation
TA	Transportation Account Code (TAC)
	[85-01] Transportation Account Code (TAC) [116-01] Transportation Account Code (TAC) [142-01] Transportation Account Code (TAC)
WO	New Code Added by IC
	[85-01] Work Order Number [116-01] Work Order Number [142-01] Work Order Number
YB	New Code Added by IC
	[85-01] Beginning Period of Availability Fiscal Year Date [116-01] Beginning Period of Availability Fiscal Year Date [142-01] Beginning Period of Availability Fiscal Year Date
YE	New Code Added by IC
	[85-01] Ending Period of Availability Fiscal Year Date [116-01] Ending Period of Availability Fiscal Year Date [142-01] Ending Period of Availability Fiscal Year Date
ZZ	Mutually Defined
	[85-01] Mutually Defined [116-01] Mutually Defined [142-01] Mutually Defined

M   **FA202**   **1195**   **Financial Information Code**   **M   AN 1/80**

Code representing financial accounting information

[85-02] Financial Information Code (T_0/1/4) (DG 1001)
When FA201 contains code value '84', FA202 should be formatted as a dollar amount including a decimal character and two positions after the decimal, representing cents even if the value is a whole dollar amount.

Enter value '0003' when FA201 code value is 'TA' (Transportation Account Code) and shipment is by courier.
[116-02] Financial Information Code (T_2) (DG 2001)
When FA201 code value is '84', FA202 should be formatted as a dollar amount including a decimal character and two positions after the decimal, representing cents even if the value is a whole dollar amount.
[142-02] Financial Information Code (T_3) (DG 3001)
When FA201 contains code value '84', FA202 should be formatted as a dollar amount including a decimal character and two positions after the decimal, representing cents even if the value is a whole dollar amount.

			Segment:	**NM1** Individual or Organizational Name

Segment: **NM1** Individual or Organizational Name
Position: 260
Loop: NM1   Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To supply the full name of an individual or organizational entity
Syntax Notes: **1**   If either NM108 or NM109 is present, then the other is required.
          2   If NM111 is present, then NM110 is required.
Semantic Notes: **1**   NM102 qualifies NM103.
Comments: **1**   NM110 and NM111 further define the type of entity in NM101.
Notes: [189] NM1 SEGMENT - Personal Property Owner (DG 8001)
[207] NM1 SEGMENT - Clear Text Consignee Address Name (DG 9013)
SEGMENT CONDITION: This segment shows the first line of the address, which may be an organization's name or individual's name.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	NM101	98	**Entity Identifier Code**	**M ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual	
			[189-01] Personal Property Owner Identifier Code (DG 8001) [207-01] Clear Text Consignee Address Qualifier (DG 9013)	
			CN Consignee	
			[207-01] Consignee Use 'CN' to denote Clear Text Consignee Address	
			OW Owner of Property or Unit	
			[189-01] Owner of Property or Unit	
M	NM102	1065	**Entity Type Qualifier**	**M ID 1/1**
			Code qualifying the type of entity	
			[189-02] Personal Property Owner Qualifier (DG 8001) [207-02] Clear Text Consignee Address Name Qualifier (DG 9013)	
			1 Person	
			[189-02] Person	
			6 Organization	
			[207-02] Organization Use '6' to denote Clear Text Consignee Address Name	
>>	NM103	1035	**Name Last or Organization Name**	**O AN 1/35**
			Individual last name or organizational name	
			[189-03] Personal Property Owner's Last Name (DG 8001) [207-03] Clear Text Consignee Name (DG 9013) Enter first line of the Clear Text Consignee address (i.e., organization's name or individual's name).	
>>	NM104	1036	**Name First**	**O AN 1/25**
			Individual first name	
			[189-04] Personal Property Owner's First Name (DG 8001) If available use full first name, otherwise use initial.	
	NM105	1037	**Name Middle**	**O AN 1/25**
			Individual middle name or initial	
			[189-05] Personal Property Owner's Middle Name/Initial (DG 8001) Enter middle name or initial.	
X	NM106	1038	**Name Prefix**	**O AN 1/10**
			Prefix to individual name	
X	NM107	1039	**Name Suffix**	**O AN 1/10**
			Suffix to individual name	

| >> | **NM108** | 66 | **Identification Code Qualifier** | | **X** | **ID 1/2** |

Code designating the system/method of code structure used for Identification Code (67)

[189-08] Grade Code Qualifier (DG 8001)

ZZ	Mutually Defined

[189-08] Mutually Defined
Use 'ZZ' to denote Grade Code

| >> | **NM109** | 67 | **Identification Code** | | **X** | **AN 2/80** |

 Code identifying a party or other code

[189-09] Military/Civilian Grade Code (DG 8001)
Insert the applicable pay grade code. See DTR Part II, Appendix FF for a listing of valid civilian and military codes.

| X | **NM110** | 706 | **Entity Relationship Code** | | **X** | **ID 2/2** |

Code describing entity relationship

Refer to 004010 Data Element Dictionary for acceptable code values.

| X | **NM111** | 98 | **Entity Identifier Code** | | **O** | **ID 2/3** |

Code identifying an organizational entity, a physical location, property or an individual
Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:	**N3** Address Information				

Segment: **N3** Address Information
Position: 270
Loop: NM1   Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: [190] N3 SEGMENT - Additional Consignee Address (T_9) (DG 8017)
SEGMENT CONDITION: Use this segment/loop to describe up to four Additional
Consignee Address (T_9) lines for property consigned to a civil address.
[208] N3 SEGMENT - Clear Text Consignee Address (DG 9013)
Use the first iteration of this segment to show the second and third lines of the address.
Use the second iteration of this segment to show the fourth and fifth lines of the address.
SEGMENT CONDITION: Required when no consignee DoDAAC is available in N104
(Consignee DoDAAC) data element.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N301	166	**Address Information**	M	AN 1/55
			Address information		
			[190-01] Additional Consignee Address (DG 8017) Enter clear text address information for consignee. [208-01] Clear Text Consignee Address Information (DG 9013) Enter clear text address information for consignee.		
	N302	166	**Address Information**	O	AN 1/55
			Address information		
			[190-02] Additional Consignee Address (DG 8017) Enter additional clear text address information for consignee. [208-02] Clear Text Consignee Address Information (DG 9013) Enter additional clear text address information for consignee.		

Segment:	**N1** Name
Position:	290
Loop:	N1 Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.

Notes: [86] N1 SEGMENT - Consignor DoDAAC, CAGE, or Defense Courier Transfer Station Code (DG 1001)

This is a mandatory segment for the following reasons: the consignor/consignee DoDAAC is needed for most TCMDs; the consignor CAGE is needed for MSLs when a vendor does not have a DoDAAC; and the TCMD TC1 record needs the DCTS data for record position 9-14 and 47-52.

[87] N1 SEGMENT - Consignee DoDAAC, MAPAC, or Courier Transfer Station Code (DG 1001)

[117] N1 SEGMENT - Loading Activity DoDAAC (DG 2001)

SEGMENT CONDITION: Use this segment only to identify the activity loading the shipment units and/or consolidation containers into a RORO or onto a 463L.

[118] N1 SEGMENT - Consignee of SEAVAN/RORO/463L (DG 2001)

This segment identifies the activity receiving the SEAVAN/RORO/463L.

This segment identifies the activity receiving the SEAVAN/RORO/463L.

[119] N1 SEGMENT - Van Point of Origin (DG 2014)

SEGMENT CONDITION: Use for SEAVAN shipments.

[143] N1 SEGMENT - Loading Activity (DG 3001)

SEGMENT CONDITION: Use this segment only to identify the activity loading the consolidated shipment into a SEAVAN/RORO or onto a 463L pallet..

[144] N1 SEGMENT - Consignee of the Consolidated Shipment (DG 3001)

[211] N1 SEGMENT - Applier of Replacement Seals (DG 9014)

SEGMENT CONDITION: Use when replacement seals are applied.

[236] N1 SEGMENT - Loading Activity DoDAAC (DG 9801)

SEGMENT CONDITION: Use to indicate the pallet loading activity if the pallet is loaded at other than an air terminal.

[237] N1 SEGMENT - Ultimate Consignee DoDAAC (DG 9801)

SEGMENT CONDITION: Use only if the 463L pallet contents will be delivered to a single consignee.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N101	98	**Entity Identifier Code**	**M ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

[86-01] Consignor DoDAAC, CAGE, or DCTS Code Qualifier (DG 1001)
[87-01] Consignee or Courier Transfer Station Code Qualifier (DG 1001)
[117-01] Loading Activity Qualifier (DG 2001)
[118-01] Consignee of SEAVAN/RORO/463L Qualifier (DG 2001)
[119-01] Van Point of Origin Qualifier (DG 2014)
[143-01] Loading Activity Qualifier (DG 3001)
[144-01] Consignee of the Consolidated Shipment Qualifier (DG 3001)
[211-01] Applier of Replacement Seals Qualifier (DG 9014)
[236-01] Loading Activity Qualifier (DG 9801)
[237-01] Ultimate Consignee Qualifier (DG 9801)

CE	Consignee (To receive large parcels and freight)	
	[118-01] Consignee (To receive large parcels and freight) [144-01] Consignee (To receive large parcels and freight)	
CI	Consignor	
	[86-01] Consignor Use 'CI' to denote Consignor DoDAAC	
CN	Consignee	
	[87-01] Consignee Use 'CN' to denote Consignee DoDAAC [237-01] Consignee Use 'CN' to denote Ultimate Consignee	
IAD	Foreign Office	
	[87-01] Foreign Office Use 'IAD' to denote Consignee Military Assistance Program Address Code (MAPAC)	
LP	Loading Party	
	[117-01] Loading Party [143-01] Loading Party [236-01] Loading Party Use 'LP' to denote Pallet Loading Activity	
OT	Origin Terminal	
	[119-01] Origin Terminal	
SW	Sealing Company	
	[211-01] Sealing Company	
TSE	Consignee Courier Transfer Station	
	[87-01] Consignee Courier Transfer Station	
TSR	Consignor Courier Transfer Station	
	[86-01] Consignor Courier Transfer Station	
XX	Business Area	
	[86-01] Business Area Use 'XX' to denote Consignor CAGE	

>>	**N102**	**93**	**Name**	**X**	**AN 1/60**

Free-form name

[86-02] Consignor DoDAAC, CAGE, or DCTS Code (DG 1001)
For the following code values contained in N101, use this element as follows:

CI - Enter Consignor DoDAAC
TSR - Use this element for Armed Forces Courier Service Shipment Units.
Enter the DCTS code followed immediately by the APOE air terminal
identifier code
XX - Enter Consignor CAGE
[87-02] Consignee or Courier Transfer Station Code (DG 1001)
For the code values in N101, perform the following actions:

CN - Show ultimate consignee DoDAAC if available. If DoDAAC is not
available, use Service indicator (e.g., A, F, N, etc.) followed by five zeros, as it
appears in DTR, and furnish the clear text name and address of the consignee
in the Line Detail HL '9' loop (DG 9013) using the NM1 and N3 segments (HL
loop positions 260/270)

IAD - Enter the MAPAC constructed IAW DTR Part II, Appendix E

TSE - Use this element for Armed Forces Courier Service Shipment Units.
Enter the DCTS code followed immediately by the APOD Air Terminal
Identifier code.
[236-02] Loading Activity DODAAC (DG 9801)
Enter the DoDAAC of the activity that loaded the pallet (if not an air terminal).

>>	**N103**	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**

Code designating the system/method of code structure used for Identification
Code (67)

[117-03] Loading Activity DoDAAC Qualifier (DG 2001)
[118-03] Consignee of SEAVAN/RORO/463L DoDAAC Qualifier (DG 2001)
[119-03] Van Point of Origin ZIP Code Qualifier (DG 2014)
[143-03] Loading Activity DoDAAC Qualifier (DG 3001)
[144-03] Consignee of the Consolidated Shipment DoDAAC Qualifier (DG
3001)
[211-03] DoDAAC/SCAC/CAGE Qualifier (DG 9014)
[237-03] DoDAAC Identification Code Qualifier (DG 9801)

2		Standard Carrier Alpha Code (SCAC)
		[211-03] Standard Carrier Alpha Code (SCAC)
10		Department of Defense Activity Address Code (DODAAC)
		[117-03] Department of Defense Activity Address Code (DODAAC)
		[118-03] Department of Defense Activity Address Code (DODAAC)
		[143-03] Department of Defense Activity Address Code (DODAAC)
		[144-03] Department of Defense Activity Address Code (DODAAC)
		[211-03] Department of Defense Activity Address Code (DODAAC)
		[237-03] Department of Defense Activity Address Code (DODAAC)
16		ZIP Code
		[119-03] ZIP Code
33		Commercial and Government Entity (CAGE)
		[211-03] Commercial and Government Entity (CAGE)

| >> | **N104** | **67** | **Identification Code** | **X** | **AN 2/80** |

Code identifying a party or other code

[117-04] Loading Activity DoDAAC (DG 2001)
Enter the DoDAAC of the Loading Activity.
[118-04] Consignee of SEAVAN/RORO/463L DoDAAC (DG 2001)
Enter the DoDAAC for the final consignee. For stop-offs, use N9/N1 segments
(HL loop positions 100/290).
[119-04] Van Point of Origin ZIP Code (DG 2014)
Van's Point of Origin five-digit ZIP code with optional hyphen and ZIP + 4.
[143-04] Loading Activity DoDAAC (DG 3001)
Enter the DoDAAC of the activity loading the consolidated shipment.
[144-04] Consignee of the Consolidated Shipment DoDAAC (DG 3001)
Enter the DoDAAC for consignee of the consolidated shipment.
[211-04] Activity that Applied Seals (DG 9014)
DoDAAC or CAGE code for Defense activities or enter ocean carrier SCAC
code.
[237-04] Ultimate Consignee DoDAAC (DG 9801)
Enter DoDAAC of the ultimate consignee.

| **X** | **N105** | **706** | **Entity Relationship Code** | **O** | **ID 2/2** |

Code describing entity relationship

Refer to 004010 Data Element Dictionary for acceptable code values.

| **X** | **N106** | **98** | **Entity Identifier Code** | **O** | **ID 2/3** |

Code identifying an organizational entity, a physical location, property or an
individual
Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:	**L3**	**Total Weight and Charges**	
Position:	010		
Loop:			
Level:	Summary		
Usage:	Optional (Must Use)		
Max Use:	1		
Purpose:	To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items		
Syntax Notes:	1	If either L301 or L302 is present, then the other is required.	
	2	If either L303 or L304 is present, then the other is required.	
	3	If either L309 or L310 is present, then the other is required.	
	4	If L312 is present, then L301 is required.	
	5	If either L314 or L315 is present, then the other is required.	
Semantic Notes:	1	L305 is the total charges.	
Comments:			
Notes:	[238] L3 SEGMENT - Manifest Total Pieces, Weight, and Cube (DG 9802)		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	L301	81	**Weight**	X R 1/10
			Numeric value of weight	
			[238-01] Manifest Total Weight (DG 9802)	
>>	L302	187	**Weight Qualifier**	X ID 1/2
			Code defining the type of weight	
			[238-02] Weight Qualifier (DG 9802)	
			G Gross Weight	
			[238-02] Gross Weight	
X	L303	60	**Freight Rate**	X R 1/9
			Rate that applies to the specific commodity	
X	L304	122	**Rate/Value Qualifier**	X ID 2/2
			Code qualifying how to extend charges or interpret value	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	L305	58	**Charge**	O N2 1/12
			For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified	
X	L306	191	**Advances**	O N2 1/9
			Incidental charges occurring during transportation which are not generally considered to be freight charges (examples - stop charges, diversion and reconsignment, icing) expressed in the standard monetary denomination for the currency specified	
X	L307	117	**Prepaid Amount**	O N2 1/9
			Money paid at point of origin (usually by shipper) expressed in the standard monetary denomination for the currency specified	
X	L308	150	**Special Charge or Allowance Code**	O ID 3/3
			Code identifying type of special charge or allowance	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
>>	L309	183	**Volume**	X R 1/8
			Value of volumetric measure	
			[238-09] Manifest Total Cube (DG 9802)	
>>	L310	184	**Volume Unit Qualifier**	X ID 1/1
			Code identifying the volume unit	
			[238-10] Volume Unit Qualifier (DG 9802)	
			E Cubic Feet	
			[238-10] Cubic Feet	

>>	**L311**	80	**Lading Quantity**	**O**	**N0 1/7**

Number of units (pieces) of the lading commodity

<div style="background-color:#cccccc">

[238-11] Manifest Total Pieces (DG 9802)

Enter the total number of pieces for the shipment units documented on the manifest. For the truck manifest total, a 463L pallet will only count as one piece.

</div>

>>	**L312**	188	**Weight Unit Code**	**O**	**ID 1/1**

Code specifying the weight unit

[238-12] Weight Unit Code (DG 9802)

	L		Pounds		

[238-12] Pounds

X	**L313**	171	**Tariff Number**	**O**	**AN 1/7**

Standard tariff number for the tariff which governs the rates applied to the commodity item(s)

X	**L314**	74	**Declared Value**	**X**	**N2 2/12**

Monetary assigned value expressed in the standard monetary denomination for the currency specified

X	**L315**	122	**Rate/Value Qualifier**	**X**	**ID 2/2**

Code qualifying how to extend charges or interpret value

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:		**SE** Transaction Set Trailer			
Position:		020			
Loop:					
Level:		Summary			
Usage:		Mandatory			
Max Use:		1			
Purpose:		To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)			
Syntax Notes:					
Semantic Notes:					
Comments:		1 SE is the last segment of each transaction set.			
Notes:		[239] SE SEGMENT - Truck Manifest Trailer (DG 10)			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**SE01**	**96**	**Number of Included Segments**	**M**	**N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments		
			[239-01] Number of Included Segments (DG 10) Total segments in this transaction set including the ST and SE segments.		
M	**SE02**	**329**	**Transaction Set Control Number**	**M**	**AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
			[239-02] Transaction Set Control Number (DG 10) This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.		

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 lists that information in an IC Element Matrix.

PURPOSE

Using the IC element matrix will expedite mapping of an application database into a commercial EDI translation package. The Application Notes section below describes the application specific to this IC element matrix.

HOW TO READ THE IC ELEMENT MATRIX

To read the matrix, trading partner needs to understand matrix record types, two categories of matrix information, the matrix layout, and the sort order of the matrix. They also need a basic understanding of ASC X12 standard structures and syntax.

Record Types

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

- Segment header records begin the description of a discrete occurrence of an X12 segment. The element records (described below) that follow a segment header record cannot be co-mingled with elements from other segments.

- 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 (DoD REQ).

Two Categories of Record Information

Each record contains two categories of information: IC application information and ASC X12 information.

- IC application information describes attributes about the application requirement.

- ASC X12 information is extracted directly from the X12 standard dictionary and enables programmers to map the IC element into the standards.

Matrix Layout

The IC element matrix lists information in sixteen columns.

- IC Index Number (Index) enables designers and programmers to quickly cite a record in the matrix.

- IC Data Group Number (DG) is a number assigned by the IC developers. That number identifies an IC element with a group of elements that form a database table within the application data model. In order to quickly reference a table, Defense transportation developers label database tables with a Data Group number. For example, a "Bill To Address" may belong to the "PURCHASE ORDER" parent table with GRP = 10. A "Stop-off Delivery Address" may belong to the "ITEM DELIVERY" child table with GRP = 60.

- IC Data Element Name (Data Name) is a label for each data element using terminology common to the business environment. The IC element matrix identifies an element as a "Route Order Number Qualifier." This is more concise than using the generic X12 label of "Qualifier." A segment header record identifies the segment ID in this field.

- IC Notes & Codes (DoD Information Notes and Codes) can contain application notes about various segment and element conditions or requirements. This column may also list both X12 standard codes and DoD unique codes. If the list is larger than 20 codes, it may appear in the section that contains Code Lists.

- IC Attributes (Attributes). When part of a segment header record, this column indicates the usage of the segment. When part of an element record, this column indicates the usage of the element within the segment, if the segment is used. Attributes may differ from those in the *ASC* X12 standard. For example, if trading partners expect to exchange a purchase order number that has a specific length and structure, those attributes are described here. Attributes include requirement designator, data element type, minimum length and maximum length.

- X12 Transaction Set Table Number (Tabl).

- X12 Segment Position (Pos).

- X12 Requirement Designator (Req Des) . This column applies only to Segment Header type matrix records.

- X12 Maximum Usage (Max Use). This column applies only to Segment Header type matrix records.

- X12 Loop Repeat (Lp Rpt) indicates the number of times a loop may be used. This column applies only to Segment Header type matrix records.

- X12 Loop Level (Lp Lv). Loops may be nested within other loops. This column indicates the nesting level for each loop and applies only to Segment Header type matrix records.

- X12 Loop ID (Lp ID). This column applies only to Segment Header type matrix records.

- X12 Segment Reference Designator (Ref Des) . This column applies only to Element type matrix records.

- X12 Simple or Composite Data Element Number (DE#). This column applies only to Element type matrix records.

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

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

Sort Order of the Matrix

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

APPLICATION NOTES

The IC element matrix in this section maps data requirements for the truck-water-air manifest into the *ASC* X12 Transaction Set 858 Shipment Information. These requirements were developed by transportation activities involved in the DoD electronic data interchange effort.

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.

		Ing DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
1	10	**ST SEGMENT - Truck/Water/Air Manifest Header**	M		1	010	M	1							
		This implementation convention (IC) replaces three approved Defense Transportation Electronic Business (DTEB) conventions: 858M - Truck Manifest, 858MA - Air Manifest, and 858MW - Water Manifest. Employing the X12 858 Shipping Information Transaction Set, this IC provides a consolidated format for exchanging truck, air, and water manifest documents electronically. Table 1 data applies as follows: Use DataGroup 10 segments and data elements for all three applications. Use DataGroup 9700 segments and data elements only for truck manifest data. Use DataGroup 9800 segments and data elements only for air manifest data. Use DataGroup 9900 segments and data elements only for water manifest data. Table 2 data applies to all three applications as follows: Populate segments and data elements as indicated by DoD usage attributes and as instructed by user notes.													
1-01	10	Transaction Set Identifier Code	M	ID	3/3	1	010	M	1				ST01	143	M ID 3/3
		858 - Shipment Information				 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).										
1-02	10	Transaction Set Control Number	M	AN	4/9	1	010	M	1				ST02	329	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set. The application and structure of the control number must be agreed upon between trading partners. (For example, some applications use all nine digits where the first five might indicate a group control number and the last four represent the sequence of the transaction set within the functional group. Also, the entire nine digit field may simply represent the sequence of the transaction set generated by a trading partner.)													
2	10	**BX SEGMENT - Truck/Water/Air Manifest Information**	M		1	030	M	1							
		For water manifest dunnage/lashing instructions or for supercargo passenger details, use the NTE segment - General Miscellaneous and Pertinent Information. (Table 2 Postion 140 for DataGroup 9013).													

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
2-01	10	Transaction Set Purpose Code [T_0 53/53],[T_1 53/53] 00 - Original 01 - Cancellation *Use '01' to denote Original Manifest is Cancelled (all related information is to be deleted) See DTR, Chapter 203.* 03 - Delete 04 - Change 48 - Suspended *Use '48' to denote Mission is aborted (Air Manfests Only).*	M	ID	2/2	1	030	M	1				BX01	353	M	ID	2/2
2-02	10	Transportation Method Code (X12 Mode Code) Do not use DTR Mode/Method code. CHANGE NOTE: DoD definition for code value 'J' changed per DM 753. A - Air *Use 'A' to denote Air Manifest.* J - Motor *Use 'J' to denote Motor, Full Truckload.* S - Ocean *Use 'S' to denote Water Manifest.*	M	ID	1/1	1	030	M	1				BX02	91	M	ID	1/2
2-03	10	X12 Mandatory Element Enter code value 'PA' to satisfy X12 syntax. PA - Advance Prepaid	M	ID	2/2	1	030	M	1				BX03	146	M	ID	2/2
2-04	9700	Motor Manifest ID Number Enter a unique Motor Manifest ID Number. ELEMENT CONDITION: Required and used for truck manifest only. [T_0 30/46],[T_1 30/46]	C	AN	8/17	1	030	M	1				BX04	145	O	AN	1/30

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
2-05	9700	Standard Carrier Alpha Code Insert SCAC if available. ELEMENT CONDITION: Used for truck manifest only SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.	C	ID	2/4		1	030	M	1				BX05	140	O	ID	2/4
3	9700	**N9 SEGMENT - Carrier Way/Freight Bill Number** SEGMENT CONDITION: Include this truck manifest segment if the carrier waybill or freight bill number is available.	C				1	060	O	30				At least one of N902 or N903 is required. If N906 is present, then N905 is required. 				
3-01	9700	Carrier Waybill/Freight Bill Number Qualifier CN - Carrier's Reference Number (PRO/Invoice)	M	ID	2/2		1	060	O	30				N901	128	M	ID	2/3
3-02	9700	Carrier Waybill/Freight Bill Number	M	AN	1/30		1	060	O	30				N902	127	C	AN	1/30
3-04	9700	Carrier Waybill/Freight Bill Date Use date format CCYYMMDD.	C	DT	8/8		1	060	O	30				N904	373	O	DT	8/8
4	9700	**N9 SEGMENT - Dispatch Number** SEGMENT CONDITION: Use truck manifest segment as applicable.	C				1	060	O	30				At least one of N902 or N903 is required. If N906 is present, then N905 is required. 				
4-01	9700	Dispatch Number Qualifier WF - Locally Assigned Control Number <i>Use 'WF' to denote Dispatch Number.</i>	M	ID	2/2		1	060	O	30				N901	128	M	ID	2/3
4-02	9700	Dispatch Number	M	AN	1/30		1	060	O	30				N902	127	C	AN	1/30
5	9700	**N9 SEGMENT - Transportation Movement Release Number** SEGMENT CONDITION: Use truck manifest segment as applicable.	C				1	060	O	30				At least one of N902 or N903 is required. If N906 is present, then N905 is required. 				
5-01	9700	Transportation Movement Release Number Qualifier RE - Release Number <i>Use 'RE' to denote Transportation Movement Release.</i>	M	ID	2/2		1	060	O	30				N901	128	M	ID	2/3
5-02	9700	Transportation Movement Release Number	M	AN	1/30		1	060	O	30				N902	127	C	AN	1/30

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
5-04	9700	Transportation Movement Release Number Date	C DT 8/8		1	060	O	30				N904	373	O	DT	8/8
		Enter Transportation Movement Release Date using format CCYYMMDD.														
6	9700	**G62 SEGMENT - Manifest Prepared Date (UTC)**	C		1	110	O	10								
		SEGMENT CONDITION: Required and used only for truck manifest.			At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 											
6-01	9700	Manifest Prepared Date Qualifier	M ID 2/2		1	110	O	10				G6201	432	C	ID	2/2
		85 - Date Issued														
6-02	9700	Manifest Prepared Date (UTC)	M DT 8/8		1	110	O	10				G6202	373	C	DT	8/8
		Enter the date on which the motor manifest was printed at the origin installation using format CCYYMMDD.														
7	9700	**G62 SEGMENT - Desired Delivery Date (UTC)**	C		1	110	O	10								
		SEGMENT CONDITION: Required and used only for truck manifest. Assign date based on shipment priority and estimated delivery time.			At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 											
7-01	9700	Desired Delivery Date Qualifier	M ID 2/2		1	110	O	10				G6201	432	C	ID	2/2
		68 - Requested Delivery Date <i>Use '68' to denote Desired Delivery Date.</i>														
7-02	9700	Desired Delivery Date (UTC)	M DT 8/8		1	110	O	10				G6202	373	C	DT	8/8
		Use date format CCYYMMDD.														
8	9700	**G62 SEGMENT - Carrier's Pickup Date and Time (UTC)**	C		1	110	O	10								
		SEGMENT CONDITION: Required and used only for truck manifest. Data value is determined from the date/time carrier signs for the cargo.			At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 											
8-01	9700	Carrier's Pickup Date Qualifier	M ID 2/2		1	110	O	10				G6201	432	C	ID	2/2
		86 - Actual Pickup Date														
8-02	9700	Carrier's Pickup Date (UTC)	M DT 8/8		1	110	O	10				G6202	373	C	DT	8/8
		Carrier's Pickup Date using format CCYYMMDD.														
8-03	9700	Carrier's Pickup Time Qualifier	M ID 1/1		1	110	O	10				G6203	176	C	ID	1/2
		8 - Actual Pickup Time														

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes
8-04	9700	Carrier's Pickup Time (UTC) Enter Carrier's Pickup Time using format HHMM.	M TM 4/4		1	110	O	10				G6204	337	C	TM 4/8
9	9700	**PER SEGMENT - Emergency Response Telephone No.** SEGMENT CONDITION: Provide for truck manifest as applicable.	C		1	120	O	3							
					If either PER03 or PER04 is present, then the other is required. If either PER05 or PER06 is present, then the other is required. If either PER07 or PER08 is present, then the other is required. 										
9-01	9700	Emergency Response Telephone No. Function Code EF - Emergency Contact-Military Traffic Management Command (MTMC) <i>Use 'EF' to denote Emergency Contact - Military Surface Deployment and Distribution Command (SDDC).</i>	M ID 2/2		1	120	O	3				PER01	366	M	ID 2/2
9-03	9700	Emergency Response Telephone No. Qualifier AU - Defense Switched Network IT - International Telephone TE - Telephone	M ID 2/2		1	120	O	3				PER03	365	C	ID 2/2
9-04	9700	Emergency Response Telephone No. Include area codes and extension numbers, if available.	M AN 7/21		1	120	O	3				PER04	364	C	AN 1/80
10	9700	**NTE SEGMENT - Routing Instruction Note (RIN) Code** SEGMENT CONDITION: Use for truck manifest when routing instruction note applies.	C		1	280	O	50							
					 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.										
10-01	9700	Routing Instruction Note (RIN) Code Qualifier INT - General Order Instructions	M ID 3/3		1	280	O	50				NTE01	363	O	ID 3/3
10-02	9700	Routing Instruction Note (RIN) Code The codes are listed in the Defense Transportation Regulation (DoD 4500.9-R) Part II, Appendix B, available from the United States Transportation Command, Scott AFB, IL.	M AN 3/3		1	280	O	50				NTE02	352	M	AN 1/80
11	9700	**NTE SEGMENT - Additional Shipping Instructions** SEGMENT CONDITION: Use for truck manifest when additional shipping instructions apply. Repeat segment as required. NOTE: DO NOT USE THIS SEGMENT FOR RIN NOTE.	C		1	280	O	50							
					 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.										
11-01	9700	Additional Shipping Instructions Qualifier ADD - Additional Information <i>Use 'ADD' to denote Shipping Instructions to the Consignee or to the Carrier.</i>	M ID 3/3		1	280	O	50				NTE01	363	O	ID 3/3

		DoD INFORMATION		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
Index	**DG**	**Data Name / Notes and Codes**	**DoD Recommended Attributes**												
11-02	9700	Additional Shipping Instructions Enter text information from the shipping documents.	M AN 1/80	1	280	O	50				NTE02	352	M	AN	1/80
12	9700	**NTE SEGMENT - Active RFID Tag Serial Number** SEGMENT CONDITION: Use to indicate the serial number of the active RFID tag used to document a truck manifest only. CHANGE NOTE: User note changed per DM 663.	C	1	280	O	50								
											` `The NTE segment permits free-form information/data which, under ANSI X12 standard` `implementations, is not machine processable. The use of the NTE segment should therefore` `be avoided, if at all possible, in an automated environment.				
12-01	9700	Active RFID Tag Serial Number Qualifier CHANGE NOTE: Change code value from 'CAR' to 'RFL' per DM 847. RFL - Reason for Leaving`  <i>`Use 'RFL' to denote Active RFID Tag Serial Number.`</i>`	M ID 3/3	1	280	O	50				NTE01	363	O	ID	3/3
12-02	9700	Active RFID Tag Serial Number Enter the active RFID tag serial number used for in transit visibility tracking of the` `tag.`  `CHANGE NOTE: Length attribute changed to 1/32 per DM 1002.	M AN 1/32	1	280	O	50				NTE02	352	M	AN	1/80
13	9700	**N7 SEGMENT - Equipment (Furnished by Carrier)` `Information** SEGMENT CONDITION: Required and used only for truck manifest.	C	1	330	O	1	600	1	N7					
											If either N703 or N704 is present, then the other is required.` `If either N705 or N716 is present, then the other is required.` `If either N708 or N709 is present, then the other is required.` `				
13-02	9700	Equipment Owner ID For government equipment enter value 'GOVT', For commercial equipment enter 'COML'.	M AN 4/4	1	330	O	1	600	1	N7	N702	207	M	AN	1/10
14	9700	**NA SEGMENT - Carrier Equipment ID Number and` `Equipment Temperature Control** SEGMENT CONDITION: Required and used only for truck manifest. Repeat segment as required for applicable carrier equipment. Repeat segment for each` `occurrence of the N7 entitled, Equipment (Furnished by Carrier) Information, and repeat` `the segment for each compartment if carrier equipment has multiple reefer compartments.	C	1	335	O	30	600	1	N7					
											If NA01 is present, then NA02 is required.` `				

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
14-01	9700	Carrier Equipment ID Number Qualifier	M	ID	2/3		1	335	O	30	600	1	N7	NA01	128	O ID 2/3	
		98 - Container/Packaging Specification Number EQ - Equipment Number <i>Use 'EQ' to denote Prime Mover (no load).</i> ER - Container or Equipment Receipt Number <i>Use 'ER' to denote Container Chassis.</i> MCI - Motor Carrier Identification Number <i>Use 'MCI' to denote Loaded Truck Conveyance.</i> T5 - Trailer Use Agreements <i>Use 'T5' to denote Loaded Trailer Conveyance.</i>															
14-02	9700	Carrier Equipment ID Number	M	AN	1/30		1	335	O	30	600	1	N7	NA02	127	C AN 1/30	
		Enter carrier equipment registration/bumper number. If an ISO ID, include owner code, serial number, and check digit. NOTE: If a tractor number (for code value 'T5' in NA01) is carried in this data element, it is the power unit for the trailer described in another N7 loop.															
14-03	9700	Transportation Equipment Type Code	M	AN	1/4		1	335	O	30	600	1	N7	NA03	206	M AN 1/4	
		Use to identify equipment furnished by carrier. See DTR Part II, Appendix G, Attachment 3.					 NA03 contains the equipment initial of an associated shipment and is required by rail. If unknown, use NONZ for van or NONU for container.										
14-04	9700	Temperature Control	M	AN	4/6		1	335	O	30	600	1	N7	NA04	207	M AN 1/10	
		Use to specify temperature setting for reefer shipments. If Temperature Control is not required, enter value 'NONE'. Otherwise, indicate minimum and maximum temperatures and explicitly include plus and minus signs preceding each temperature. (Example: -10+30.)					 NA04 contains the equipment number of an associated shipment.										
14-05	9700	Temperature Scale Qualifier	C	ID	1/1		1	335	O	30	600	1	N7	NA05	231	O ID 1/1	
		C - Prior Load Credit <i>Use 'C' to denote Centigrade.</i> F - Conveying Flat Car <i>Use 'F' to denote Fahrenheit.</i>															
14-06	9700	Reefer Compartment Reference Number	C	AN	1/3		1	335	O	30	600	1	N7	NA06	219	O AN 1/3	
		ELEMENT CONDITION: Enter Reefer Compartment Reference Number if temperature is contained in NA04															

		DoD INFORMATION			**X12 SEGMENT INFORMATION**							**X12 ELEMENT INFORMATION**			
Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes
15	9700	**M7 SEGMENT - Equipment Seals**	C		1	340	O	5	600	1	N7				
		SEGMENT CONDITION: Use for truck manifest if seals are applied to the equipment. Use a separate M7 segment for each different applier of seals.													
15-01	9700	Equipment Seal Number	M	AN 2/15	1	340	O	5	600	1	N7	M701	225	M	AN 2/15
		Additional seal numbers applied by this same entity should be carried in M702, M703, and M704. Use additional M7 segments as required.													
15-02	9700	Additional Equipment Seal Number	C	AN 2/15	1	340	O	5	600	1	N7	M702	225	O	AN 2/15
15-03	9700	Additional Equipment Seal Number	C	AN 2/15	1	340	O	5	600	1	N7	M703	225	O	AN 2/15
15-04	9700	Additional Equipment Seal Number	C	AN 2/15	1	340	O	5	600	1	N7	M704	225	O	AN 2/15
15-05	9700	Equipment Seal Numbers Applied By Qualifier	M	ID 2/2	1	340	O	5	600	1	N7	M705	98	O	ID 2/3
		CA - Carrier SH - Shipper			 M705 indicates the name of the organization which applied the seal(s).										
16	9700	**N1 SEGMENT - Motor Carrier Name**	C		1	390	O	1	12	1	N1				
		SEGMENT CONDITION: Required and used only for truck manifest.			At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 										
16-01	9700	Motor Carrier Name (CA) Qualifier	M	ID 2/2	1	390	O	1	12	1	N1	N101	98	M	ID 2/3
		CA - Carrier													
16-02	9700	Motor Carrier Name	M	AN 1/35	1	390	O	1	12	1	N1	N102	93	C	AN 1/60
17	9700	**N1 SEGMENT - Manifest Destination (ST)**	C		1	390	O	1	12	1	N1				
		SEGMENT CONDITION: Required and used only for truck manifest. Identifies the delivery location.			At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 										
17-01	9700	Manifest Destination (ST) Name Qualifier	M	ID 2/2	1	390	O	1	12	1	N1	N101	98	M	ID 2/3
		ST - Ship To <i>Use 'ST' to denote Manifest Destination Name.</i>													
17-02	9700	Manifest Destination (ST) Name	M	AN 1/35	1	390	O	1	12	1	N1	N102	93	C	AN 1/60
		Enter Manifest Destination Name.													

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
17-03	9700	Manifest Destination (ST) Address Code Qualifier	C ID 2/2	1	390	O	1	12	1	N1	N103	66	C ID 1/2	
		ELEMENT CONDITION: A DoDAAC will be used if available. Other location codes may be used as appropriate. 10 - Department of Defense Activity Address Code (DODAAC) 33 - Commercial and Government Entity (CAGE) 94 - Code assigned by the organization that is the ultimate destination of the transaction set *Use '94' to denote GEOLOC.* A2 - Military Assistance Program Address Code (MAPAC) FB - Field Code *Use 'FB' to denote Air Terminal Identifier Code.* LC - Agency Location Code (U.S. Government) *Use 'LC' to denote Inland Location Code.* M4 - Department of Defense Routing Identifier Code (RIC) PR - Pier *Use 'PR' to denote Seaport Identifier Code.*												
17-04	9700	Manifest Destination (ST) Address Code	C AN 3/6	1	390	O	1	12	1	N1	N104	67	C AN 2/80	
		Enter value as qualified by N103 for one of the following codes: DoDAAC, CAGE, GEOLOC, MAPAC, Air Terminal Identifier, RIC, Seaport Identifier, or Inland Location Code.									 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.				
18	9700	**N2 SEGMENT - Manifest Destination (ST) Name Additional Text**	C	1	400	O	2	12	1	N1				
		SEGMENT CONDITION: Use for truck manifest if additional text is needed to identify the Manifest Destination Name.												
18-01	9700	Manifest Destination (ST) Name Additional Text	M AN 1/35	1	400	O	2	12	1	N1	N201	93	M AN 1/60	
19	9700	**N3 SEGMENT - Manifest Destination (ST) Street Address or Clear Text Instructions**	C	1	410	O	2	12	1	N1				
		SEGMENT CONDITION: Required and used only for truck manifest for Destination Street Address or for Clear Text Delivery Instructions. Use N3 segment twice if required. An address or specific delivery instructions must be provided.												
19-01	9700	Manifest Destination (ST) Street Address or Clear Text Delivery Instructions	M AN 1/35	1	410	O	2	12	1	N1	N301	166	M AN 1/55	
		Enter Manifest Destination Street Address or Clear Text Delivery Location. Use N3 segment twice if required.												

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
19-02	9700	Manifest Destination (ST) Street Address or Clear Text Delivery Instructions C AN 1/35 ELEMENT CONDITION: Use as required for Manifest Destination Street Address or for Clear Text Delivery Instructions.		1	410	O	2	12	1	N1	N302	166	O AN 1/55
20	9700	**N4 SEGMENT - Manifest Destination (ST) City/State/ZIP/Country** SEGMENT CONDITION: Use for truck manifest if parsed destination address information is available.	C	1	420	O	1	12	1	N1			
											If N406 is present, then N405 is required. 		
20-01	9700	Manifest Destination (ST) City	C AN 2/19	1	420	O	1	12	1	N1	N401	19	O AN 2/30
											 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.		
20-02	9700	Manifest Destination (ST) State Code ELEMENT CONDITION: Use for U.S. and Canada only. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	C ID 2/2	1	420	O	1	12	1	N1	N402	156	O ID 2/2
											 N402 is required only if city name (N401) is in the U.S. or Canada.		
20-03	9700	Manifest Destination (ST) ZIP/Postal Code There should be no special characters, punctuation, or blanks. ELEMENT CONDITION: Use for U.S only. SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents	C ID 5/9	1	420	O	1	12	1	N1	N403	116	O ID 3/15
20-04	9700	Manifest Destination Country Code CHANGE NOTE: Change length attribute to 2/3 and '3-Alpha' reference to 'latest' per DM 700. ELEMENT CONDITION: If destination is OCONUS, country code is required. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.	C ID 2/3	1	420	O	1	12	1	N1	N404	26	O ID 2/3
21	9700	**PER SEGMENT - Manifest Destination (ST) Point of Contact** C SEGMENT CONDITION: Provide for truck manifest if available.		1	440	O	3	12	1	N1			
											If either PER03 or PER04 is present, then the other is required. If either PER05 or PER06 is present, then the other is required. If either PER07 or PER08 is present, then the other is required. 		
21-01	9700	Manifest Destination (ST) Point of Contact Qualifier EM - Emergency Contact	M ID 2/2	1	440	O	3	12	1	N1	PER01	366	M ID 2/2

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
21-03	9700	Phone Number Qualifier	M	ID	2/2		1	440	O	3	12	1	N1	PER03	365	C ID	2/2
		AU - Defense Switched Network IT - International Telephone TE - Telephone															
21-04	9700	Manifest Destination (ST) Point of Contact Phone Number	M	AN	7/21		1	440	O	3	12	1	N1	PER04	364	C AN	1/80
		Include area codes and extension numbers, if available.															
22	9700	**N1 SEGMENT - Manifest Origin (SF)**	C				1	390	O	1	12	1	N1				
		SEGMENT CONDITION: Required and used only for truck manifest. Identifies the pick-up location.							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 								
22-01	9700	Manifest Origin (SF) Name Qualifier	M	ID	2/2		1	390	O	1	12	1	N1	N101	98	M ID	2/3
		SF - Ship From <i>Use 'SF' to denote Manifest Origin Name.</i>															
22-02	9700	Manifest Origin (SF) Name	M	AN	1/35		1	390	O	1	12	1	N1	N102	93	C AN	1/60
		Enter name of pick-up location.															
22-03	9700	Manifest Origin (SF) Address Code Qualifier	C	ID	2/2		1	390	O	1	12	1	N1	N103	66	C ID	1/2
		ELEMENT CONDITION: A DoDAAC will be used if available. Other location codes may be used as appropriate. 10 - Department of Defense Activity Address Code (DODAAC) 33 - Commercial and Government Entity (CAGE) 94 - Code assigned by the organization that is the ultimate destination of the transaction set <i>Use '94' to denote GEOLOC.</i> A2 - Military Assistance Program Address Code (MAPAC) FB - Field Code <i>Use 'FB' to denote Air Terminal Identifier Code.</i> LC - Agency Location Code (U.S. Government) <i>Use 'LC' to denote Inland Location Code.</i> M4 - Department of Defense Routing Identifier Code (RIC) PR - Pier <i>Use 'PR' to denote Seaport Identifier Code.</i>															

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
22-04	9700	Manifest Origin (SF) Address Code	C AN 3/6		1	390	O	1	12	1	N1	N104	67	C AN 2/80		
		Enter value as qualified by N103 for one of the following codes: DoDAAC, CAGE, GEOLOC, MAPAC, Air Terminal Identifier, RIC, Seaport Identifier, or Inland Location Code. CHANGE NOTE: Size attribute changed to 3/6 per DM 663.			 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.											
23	9700	**N2 SEGMENT - Manifest Origin (SF) Name Additional Text**	C		1	400	O	2	12	1	N1					
		SEGMENT CONDITION: Use for truck manifest if additional text is needed to identify the Manifest Origin Name.														
23-01	9700	Manifest Origin (SF) Name Additional Text	M AN 1/35		1	400	O	2	12	1	N1	N201	93	M AN 1/60		
24	9700	**N3 SEGMENT - Manifest Origin (SF) Street Addr. or Clear Text Pickup Instructions**	C		1	410	O	2	12	1	N1					
		SEGMENT CONDITION: Required and used only for truck manifest for Origin Address or for Clear Text Pickup Instructions. Use N3 segment twice if required. An address or specific direction to the location must be provided.														
24-01	9700	Manifest Origin (SF) Street Address or Clear Text Pickup Instructions	M AN 1/35		1	410	O	2	12	1	N1	N301	166	M AN 1/55		
		Use for Origin Address or for Clear Text Pickup Instructions.														
24-02	9700	Manifest Origin (SF) Street Address or Clear Text Pickup Instructions	C AN 1/35		1	410	O	2	12	1	N1	N302	166	O AN 1/55		
		Use for Origin Address or for Clear Text Pickup Instructions.														
25	9700	**N4 SEGMENT - Manifest Origin (SF) City/State/ZIP/Country**	C		1	420	O	1	12	1	N1					
		SEGMENT CONDITION: Use for truck manifest if parsed origin address information is available.			If N406 is present, then N405 is required. 											
25-01	9700	Manifest Origin (SF) City	C AN 2/19		1	420	O	1	12	1	N1	N401	19	O AN 2/30		
					 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.											
25-02	9700	Manifest Origin (SF) State	C ID 2/2		1	420	O	1	12	1	N1	N402	156	O ID 2/2		
		ELEMENT CONDITION: Use for U.S. and Canada only.			 N402 is required only if city name (N401) is in the U.S. or Canada.											
		SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center														

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
25-03	9700	Manifest Origin (SF) ZIP/Postal Code	C ID 3/15			1	420	O	1	12	1	N1	N403	116	O ID 3/15
		There should be no special characters, punctuation, or blanks. ELEMENT CONDITION: Use for U.S only. SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents													
25-04	9700	Manifest Origin (SF) Country Code	C ID 2/3			1	420	O	1	12	1	N1	N404	26	O ID 2/3
		CHANGE NOTE: Change length attribute to 2/3 and '3-Alpha' reference to 'latest' per DM 700. ELEMENT CONDITION: If origin is OCONUS, country code is required. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.													
26	9700	**PER SEGMENT - Manifest Origin (SF) Point of Contact**	C			1	440	O	3	12	1	N1			
		SEGMENT CONDITION: Provide for truck manifest if available.				If either PER03 or PER04 is present, then the other is required. If either PER05 or PER06 is present, then the other is required. If either PER07 or PER08 is present, then the other is required. 									
26-01	9700	Manifest Origin (SF) Point of Contact Qualifier	M ID 2/2			1	440	O	3	12	1	N1	PER01	366	M ID 2/2
		EM - Emergency Contact													
26-03	9700	Phone Number Qualifier	M ID 2/2			1	440	O	3	12	1	N1	PER03	365	C ID 2/2
		AU - Defense Switched Network IT - International Telephone TE - Telephone													
26-04	9700	Manifest Origin (SF) Point of Contact Phone Number (SF)	M AN 7/21			1	440	O	3	12	1	N1	PER04	364	C AN 1/80
		Include area codes and extension numbers, if available.													
27	9700	**N1 SEGMENT - Shipper (SH)**	C			1	390	O	1	12	1	N1			
		SEGMENT CONDITION: Required and used only for truck manifest. Identifies the Shipper. CHANGE NOTE: Requirement attribute changed to conditional to agree with user note per DM 884.				At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 									

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
27-01	9700	Shipper Name (SH) Qualifier This qualifier identifies the transportation office responsible for manifesting the loaded cargo onto the conveyance. SH - Shipper	M ID 2/2	1	390	O	1	12	1	N1	N101	98	M ID 2/3
27-02	9700	Shipper Name (SH)	M AN 1/35	1	390	O	1	12	1	N1	N102	93	C AN 1/60
27-03	9700	Shipper (SH) Address Code Qualifier ELEMENT CONDITION: A DoDAAC will be used if available. Other location codes may be used as appropriate. 10 - Department of Defense Activity Address Code (DODAAC) 33 - Commercial and Government Entity (CAGE) 94 - Code assigned by the organization that is the ultimate destination of the transaction set <i>Use '94' to denote GEOLOC.</i> A2 - Military Assistance Program Address Code (MAPAC) FB - Field Code <i>Use 'FB' to denote Air Terminal Identifier Code.</i> LC - Agency Location Code (U.S. Government) <i>Use 'LC' to denote Inland Location Code.</i> M4 - Department of Defense Routing Identifier Code (RIC) PR - Pier <i>Use 'PR' to denote Seaport Identifier Code.</i>	C ID 2/2	1	390	O	1	12	1	N1	N103	66	C ID 1/2
27-04	9700	Shipper (SH) Identification Address Code Enter value as qualified by N103 for one of the following codes: DoDAAC, CAGE, GEOLOC, MAPAC, Air Terminal Identifier, RIC, Seaport Identifier, or Inland Location Code. CHANGE NOTE: Size attribute changed to 3/6 per DM 663.	C AN 3/6	1	390	O	1	12	1	N1	N104	67	C AN 2/80
						 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.									
28	9700	**N2 SEGMENT - Shipper (SH) Name Additional Text** SEGMENT CONDITION: Use for truck manifest if additional text is needed to identify the Shipper Name.	C	1	400	O	2	12	1	N1			
28-01	9700	Shipper (SH) Name Additional Text (SH)	M AN 1/35	1	400	O	2	12	1	N1	N201	93	M AN 1/60

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
29	9700	**N3 SEGMENT - Shipper (SH) Street Address or Clear Text Location Instructions**	C		1	410	O	2	12	1	N1			
		SEGMENT CONDITION: Required and used only for truck manifest for Shipper Address or for Clear Text Shipper Location Instructions.												
29-01	9700	Shipper (SH) Street Address or Clear Text Location Instructions	M	AN	1/35	1	410	O	2	12	1	N1	N301	166	M AN 1/55
		Enter Shipper Street Address or Clear Text Shipper Instructions.												
29-02	9700	Shipper (SH) Street Address or Clear Text Location Instructions	C	AN	1/35	1	410	O	2	12	1	N1	N302	166	O AN 1/55
		ELEMENT CONDITION: Use as required for Shipper Street Address or for Clear Text Location Instructions. Use N3 segment twice if required.												
30	9700	**N4 SEGMENT - Shipper (SH) City/State/ZIP/Country**	C		1	420	O	1	12	1	N1			
		SEGMENT CONDITION: Use for truck manifest if parsed Shipper Address information is available.							If N406 is present, then N405 is required. 						
30-01	9700	Shipper (SH) City	C	AN	2/19	1	420	O	1	12	1	N1	N401	19	O AN 2/30
										 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.					
30-02	9700	Shipper (SH) State	C	ID	2/2	1	420	O	1	12	1	N1	N402	156	O ID 2/2
		ELEMENT CONDITION: Use for U.S. and Canada only. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center							 N402 is required only if city name (N401) is in the U.S. or Canada.						
30-03	9700	Shipper (SH) ZIP Code/Postal Code	C	ID	3/15	1	420	O	1	12	1	N1	N403	116	O ID 3/15
		There should be no special characters, punctuation, or blanks. ELEMENT CONDITION: Use for U.S only. SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents												
30-04	9700	Shipper (SH) Country Code	C	ID	2/3	1	420	O	1	12	1	N1	N404	26	O ID 2/3
		CHANGE NOTE: Change length attribute to 2/3 and '3-Alpha' reference to 'latest' per DM 700 ELEMENT CONDITION: If shipper is OCONUS, country code is required. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.												

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
31	9800	**N9 SEGMENT - Aircraft Identification** SEGMENT CONDITION: Required and used only for air manifest.	C	1	060	O	30						At least one of N902 or N903 is required. If N906 is present, then N905 is required. 	
31-01	9800	Aircraft Model and Series Number Qualifier AAO - Carrier Assigned Code <i>Use 'AAO' to denote Aircraft Model and Series Number.</i>	M ID 3/3	1	060	O	30				N901	128	M ID 2/3	
31-02	9800	Aircraft Model and Series Number Enter Aircraft Model and Series Number; e.g., '141B', for a C141, and '005B', for a C5. [TAA 18/21]	M AN 4/4	1	060	O	30				N902	127	C AN 1/30	
31-03	9800	Aircraft Tail Number NOTE: Changed attribute lenghth from 4/4 to 5/6 per DM 1005.	M AN 5/6	1	060	O	30				N903	369	C AN 1/45	
32	9800	**N9 SEGMENT - Manifest Reference Code** SEGMENT CONDITION: Required and used only for air manifest.	C	1	060	O	30						At least one of N902 or N903 is required. If N906 is present, then N905 is required. 	
32-01	9800	Manifest Reference Code Qualifier MK - Manifest Key Number	M ID 2/2	1	060	O	30				N901	128	M ID 2/3	
32-02	9800	Manifest Reference Code Enter Manifest Reference Code. See DTR, Part II, Appendix OO [TAA 28/29]	M AN 2/2	1	060	O	30				N902	127	C AN 1/30	
33	9800	**N9 SEGMENT - Type of Manifest Identifier** SEGMENT CONDITION: Required and used only for air manifest.	C	1	060	O	30						At least one of N902 or N903 is required. If N906 is present, then N905 is required. 	
33-01	9800	Type of Manifest Qualifier AC - Air Cargo Transfer Manifest <i>Use 'AC' to denote Type of Manifest.</i>	M ID 2/2	1	060	O	30				N901	128	M ID 2/3	
33-02	9800	Type of Manifest ID Enter Type of Manifest ID; e.g., value 'C' for cargo, value 'M' for mail. [TAA 64/64]	M AN 1/1	1	060	O	30				N902	127	C AN 1/30	
34	9800	**N9 SEGMENT - Fiscal Year** SEGMENT CONDITION: Required and used only for air manifest.	C	1	060	O	30						At least one of N902 or N903 is required. If N906 is present, then N905 is required. 	

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes
34-01	9800	Fiscal Year Qualifier 70 - Calendar Number <i>Use '70' to denote Fiscal Year.</i>	M ID 2/2	1	060	O	30				N901	128	M ID 2/3	
34-02	9800	Fiscal Year Enter last digit of Fiscal Year. [TAA 63/63]	M AN 1/1	1	060	O	30				N902	127	C AN 1/30	
35	9800	**CM SEGMENT -** **Mission/Manifest Number** SEGMENT CONDITION: Required and used only for air manifest.	C	1	065	O	3				If CM04 is present, then CM02 is required. 			
35-01	9800	Last Five Digits of Manifest Number Enter Last Five Digits of Manifest Number. [TAA 65/69]	M AN 5/5	1	065	O	3				CM01	55	O AN 2/10	
35-05	9800	Mission Number Enter Mission Number assigned by aircraft controlling agency. [TAA 48/59]	M AN 1/17	1	065	O	3				CM05	13	O AN 1/17	
35-15	9800	Complete Manifest Number Enter Complete Manifest Number. [TAA 60/69]	M AN 10/10	1	065	O	3				CM15 CM15 is the vessel agent number.	127	O AN 1/30	
36	9800	**G62 SEGMENT - Flight** **Departure Date/Time (UTC)** SEGMENT CONDITION: Required and used only for air manifest.	C	1	110	O	10				At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 			
36-01	9800	Flight Departure Date Qualifier BR - Date Delivery Commenced <i>Use 'BR' to denote Flight Departure Date.</i>	M ID 2/2	1	110	O	10				G6201	432	C ID 2/2	
36-02	9800	Flight Departure Date (UTC) Enter the Flight Departure Date (UTC) using CCYYMMDD format. [TAA 16/17]	M DT 8/8	1	110	O	10				G6202	373	C DT 8/8	
36-03	9800	Flight Departure Time Qualifier A - Actual Departure Time	M ID 1/1	1	110	O	10				G6203	176	C ID 1/2	

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
36-04	9800	Flight Departure Time (UTC) Enter the Flight Departure Time (UTC) using HHMM format. [TAA 15/15]	M TM 4/4		1	110	O	10				G6204	337	C	TM	4/8
37	9800	**G62 SEGMENT - Estimated Arrival Date/Time (UTC) at Destination Air Terminal** SEGMENT CONDITION: Provide for air manifest if available.	C		1	110	O	10				At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 				
37-01	9800	Estimated Arrival Date (UTC) at Destination Air Terminal Qualifier 17 - Estimated Delivery Date <i>Use '17' to denote Estimated Arrival Date at Destination Air Terminal.</i>	M ID 2/2		1	110	O	10				G6201	432	C	ID	2/2
37-02	9800	Estimated Arrival Date at Destination Air Terminal Enter Estimated Arrival Date at Destination Air Terminal using CCYYMMDD. [TAA 46/47]	M DT 8/8		1	110	O	10				G6202	373	C	DT	8/8
37-03	9800	Estimated Arrival Time at Destination Air Terminal Qualifier 9 - Actual Delivery Time <i>Use '9' to denote Estimated Arrival Time at Destination Air Terminal.</i>	M ID 1/1		1	110	O	10				G6203	176	C	ID	1/2
37-04	9800	Estimated Arrival Time (UTC) at Destination Air Terminal Enter time in 24 hr time format (HHMM). [TAA 45/45]	M TM 4/4		1	110	O	10				G6204	337	C	TM	4/8
38	9800	**R4 SEGMENT - Air Manifest Origin Terminal Code (APOE)** SEGMENT CONDITION: Required and used only for air manifest.	C		1	180	O	5				If either R402 or R403 is present, then the other is required. R4 is required for each port to be identified.				
38-01	9800	Air Manifest Origin Qualifier O - Origin (Operational) <i>Use 'O' to denote Air Manifest Origin Terminal.</i>	M ID 1/1		1	180	O	5				R401	115	M	ID	1/1

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
38-02	9800	Air Terminal Code Qualifier	M ID 2/2		1	180	O	5				R402	309	C	ID	1/2
		IB - Issue Location <i>Use 'IB' to denote ICAO Code.</i> IM - Military Standard Movement Procedures (MILSTAMP) <i>Use 'IM' to denote Air Terminal Identifier Code.</i>														
38-03	9800	Air Manifest Origin Terminal Code (APOE)	M AN 3/4		1	180	O	5				R403	310	C	AN	1/30
		Enter Air Manifest Origin Terminal Code (APOE) if available, Otherwise, enter International Civil Aviation Organization (ICAO) code. See DTR, Part II, Appendix CC. [TAA 60/62]														
39	9800	**R4 SEGMENT - Air Manifest Destination Terminal Code (APOD)**	C		1	180	O	5								
		SEGMENT CONDITION: Required and used only for air manifest.			If either R402 or R403 is present, then the other is required. R4 is required for each port to be identified.											
39-01	9800	Air Manifest Destination Qualifier	M ID 1/1		1	180	O	5				R401	115	M	ID	1/1
		D - Port of Discharge (Operational) <i>Use 'D' to denote Air Manifest Destination Terminal.</i>														
39-02	9800	Air Terminal Code Qualifier	M ID 2/2		1	180	O	5				R402	309	C	ID	1/2
		IB - Issue Location <i>Use 'IB' to denote ICAO Code.</i> IM - Military Standard Movement Procedures (MILSTAMP) <i>Use 'IM' to denote Air Terminal Identifier Code.</i>														
39-03	9800	Air Manifest Destination Terminal Code (APOD)	M AN 3/4		1	180	O	5				R403	310	C	AN	1/30
		Enter Air Manifest Destination Terminal Code (APOD) if available, Otherwise, enter International Civil Aviation Organization (ICAO) code. See DTR, Part II, Appendix CC. [TAA 24/26]														
39-06	9800	Air Manifest Destination Text	M AN 2/30		1	180	O	5				R406	174	O	AN	2/30
		Enter in-the-clear Air Manifest Destination. [TAA 30/44]														
40	9800	**NTE SEGMENT - Onward Mode Method Code**	C		1	280	O	50								
		SEGMENT CONDITION: Required and used only for air manifest.			 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.											

		DoD INFORMATION				X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION					
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes		
40-01	9800	Note Reference Code AAA - Agent Details <i>Use 'AAA' to denote Onward Mode/Method Code.</i>	M	ID	3/3	1	280	O	50				NTE01	363	O	ID	3/3	
40-02	9800	Onward Mode/Method Code See DTR, Part II, Appendix GG for applicable code value. [TAA 27/27]	M	AN	1/1	1	280	O	50				NTE02	352	M	AN	1/80	
41	9800	**N1 SEGMENT - Carrier Identification** SEGMENT CONDITION: Required and used only for air manifest.	C			1	390	O	1	12	1	N1						
												At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 						
41-01	9800	Carrier Identification Qualifier CA - Carrier	M	ID	2/2	1	390	O	1	12	1	N1	N101	98	M	ID	2/3	
41-02	9800	Carrier Name Enter carrier abbreviation (e.g., AMC, etc). Precede carrier abbreviations with zeros. [TAA 4/8]	M	AN	5/5	1	390	O	1	12	1	N1	N102	93	C	AN	1/60	
41-03	9800	Identification Code Qualifier ELEMENT CONDITION: Required if N104 is used. 4 - International Air Transport Association (IATA)	C	ID	1/1	1	390	O	1	12	1	N1	N103	66	C	ID	1/2	
41-04	9800	IATA Carrier Code	C	AN	2/2	1	390	O	1	12	1	N1	N104	67	C	AN	2/80	
												 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.						
42	9900	**N9 SEGMENT - Vessel Status Code** SEGMENT CONDITION: Required and used only for water manifest.	C			1	060	O	30									
												At least one of N902 or N903 is required. If N906 is present, then N905 is required. 						
42-01	9900	Vessel Status Code Qualifier VA - Vessel Agent Number <i>Use 'VA' to denote Vessel Status Code.</i>	M	ID	2/2	1	060	O	30				N901	128	M	ID	2/3	
42-02	9900	Vessel Status Code Enter the one-position code assigned by the OCCA (vessel status code). See DTR, Part II, Appendix II. [TAJ 48/48]	M	AN	1/1	1	060	O	30				N902	127	C	AN	1/30	

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
43	9900	**N9 SEGMENT - Terms of Carriage Code** SEGMENT CONDITION: Required and used only for water manifest.	C			1	060	O	30				At least one of N902 or N903 is required. If N906 is present, then N905 is required. 				
43-01	9900	Terms of Carriage Code Qualifier [TAJ 48/49] AAO - Carrier Assigned Code U2 - Term <i>Use 'U2' to denote Terms of Carriage Code.</i>	M	ID	2/3	1	060	O	30				N901	128	M	ID	2/3
43-02	9900	Terms of Carriage Code Enter the one-position code assigned by the OCCA (terms of carriage code). See DTR, Part II, Appendix II. [TAJ 49/49]	M	AN	1/1	1	060	O	30				N902	127	C	AN	1/30
44	9900	**N9 SEGMENT - Vessel Sustaining Code** SEGMENT CONDITION: Required and used only for water manifest.	C			1	060	O	30				At least one of N902 or N903 is required. If N906 is present, then N905 is required. 				
44-01	9900	Vessel Sustaining Code Qualifier E9 - Attachment Code <i>Use 'E9' to denote Vessel Sustaining Code.</i> MK - Manifest Key Number	M	ID	2/2	1	060	O	30				N901	128	M	ID	2/3
44-02	9900	Vessel Sustaining Code Enter value two (2) to indicate vessel is self-sustaining or three (3) to indicate vessel not self-sustaining. See DTR, Part II, Appendix JJ. [TAJ 51/51]	M	AN	1/1	1	060	O	30				N902	127	C	AN	1/30
45	9900	**N9 SEGMENT - SEABEE/LASH Indicator** SEGMENT CONDITION: Use for water manifest when vessel is either a SEABEE or LASH.	C			1	060	O	30				At least one of N902 or N903 is required. If N906 is present, then N905 is required. 				
45-01	9900	SEABEE/LASH Indicator Qualifier AC - Air Cargo Transfer Manifest WU - Vessel	M	ID	2/2	1	060	O	30				N901	128	M	ID	2/3

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
45-02	9900	SEABEE/LASH Indicator	M AN 1/1			1	060	O	30				N902	127	C AN 1/30	
		Use the following values to denote the DoD definitions as indicated: L - LASH Vessel S - SEABEE [TAJ 50/50]														
46	9900	**N9 SEGMENT - Voyage Manifest Reference Code**	C			1	060	O	30							
		SEGMENT CONDITION: Required and used only for water manifest.				At least one of N902 or N903 is required. If N906 is present, then N905 is required. 										
46-01	9900	Voyage Manifest Reference Code Qualifier	M ID 2/2			1	060	O	30				N901	128	M ID 2/3	
		6R - Provider Control Number <i>Use '6R' to denote Voyage Manifest Reference Code.</i> 70 - Calendar Number														
46-02	9900	Voyage Manifest Reference Code	M AN 1/1			1	060	O	30				N902	127	C AN 1/30	
		Enter single-character Voyage Manifest Reference Code. See DTR, Part II, Appendix XX. [TAJ 27/27]														
47	9900	**CM SEGMENT - Manifest Information**	C			1	065	O	3							
		SEGMENT CONDITION: Required and used only for water manifest.				If CM04 is present, then CM02 is required. 										
47-01	9900	VOYDOC	M AN 5/5			1	065	O	3				CM01	55	O AN 2/10	
		Enter Voyage Document Number from DTR, Part II, Appendix WW. [TAJ 19/23]														
47-04	9900	Manifest Adjustment Date (UTC)	C DT 8/8			1	065	O	3				CM04	373	O DT 8/8	
		The manifest date value is an ordinal number consisting of a one-position year and three-position date, based on a 365/6 day calendar. Convert the ordinal to a standard date format of CCYYMMDD. (Example: 7045 becomes 19970214, the 45th day of 1997: February, 14, 1997. ELEMENT CONDITION: Element is required for adjustments and supplements only. [TAJ 5/8]				 CM04 is qualified by CM02.										
47-09	9900	Vessel Name	C AN 2/28			1	065	O	3				CM09	182	O AN 2/28	
		ELEMENT CONDITION: Enter vessel name if available. Truncate as necessary. If unnamed, do not use this data element. Rather, enter Vessel Class and Hull Number in CM11 and CM12. SOURCE: Lloyd's Register of Shipping [TAJ 30/46]														

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
47-11	9900	Vessel Class	C	AN	2/14		1	065	O	3				CM11	112	O	AN	2/14
		ELEMENT CONDITION: Enter Vessel Class (ship type) if vessel is unnamed. [TAJ 30/46]																
47-12	9900	Vessel Hull Number	C	AN	2/20		1	065	O	3				CM12	174	O	AN	2/30
		ELEMENT CONDITION: Enter Vessel Hull Number. Required if ship is unnamed or has no IRCS. [TAJ 30/46]																
47-15	9900	DoD Ship Identifier	C	AN	1/30		1	065	O	3				CM15	127	O	AN	1/30
		Enter DoD Ship Identifier. ELEMENT CONDITION: Required if ship is unnamed and has no IRCS. SOURCE: Table Management Distribution System (TMDS)												 CM15 is the vessel agent number.					
47-16	9900	Manifest Adjustment Indicator	C	ID	2/2		1	065	O	3				CM16	202	O	ID	2/2
		ELEMENT CONDITION: Use only for manifest adjustments (that is, when BX01 contains code value '04'). [T_J 4/4] AI - Supply Additional Information <i>Use 'AI' to denote Add to Manifest (Supplement).</i> CO - Correction <i>Use 'CO' to denote Correct Transaction (Manifest).</i> CP - Correct Container or Consolidation Contents <i>Use 'CP' to denote Correct Shipment.</i> DE - Delete Event <i>Use 'DE' to denote Delete Transaction (Manifest).</i> DP - Delete Container or Consolidation Contents <i>Use 'DP' to denote Delete Shipment.</i>																
48	9900	**G62 SEGMENT - Vessel Sail Date (UTC)**	C				1	110	O	10								
		SEGMENT CONDITION: Required and used only for water manifest.												At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 				
48-01	9900	Vessel Sail Date Qualifier	M	ID	2/2		1	110	O	10				G6201	432	C	ID	2/2
		05 - Sailing Date																

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
48-02	9900	Vessel Sail Date (UTC)		M	DT	8/8	1	110	O	10				G6202	373	C	DT	8/8
		Enter the Vessel Sail Date (UTC) from an ordinal number that represents a Julian (four-digit) day of the year on a 365/6 day calendar. Convert the ordinal to a standard date format of CCYYMMDD. See DTR, Part II, Appendix RR.. [TAJ 15/18]																
49	9900	**R4 SEGMENT - Manifest Origin Seaport Identifier Code** C					1	180	O	5								
		SEGMENT CONDITION: Required and used only for water manifest.												If either R402 or R403 is present, then the other is required. R4 is required for each port to be identified.				
49-01	9900	Origin Seaport Identifier Code Qualifier		M	ID	1/1	1	180	O	5				R401	115	M	ID	1/1
		O - Origin (Operational) <i>Use 'O' to denote Origin Shipment.</i>																
49-02	9900	Seaport Qualifier		M	ID	2/2	1	180	O	5				R402	309	C	ID	1/2
		VS - Vessel Stowage Location <i>Use 'VS' to denote Seaport.</i>																
49-03	9900	Manifest Origin Seaport Identifier Code		M	AN	3/3	1	180	O	5				R403	310	C	AN	1/30
		Enter Manifest Origin Seaport Identifier Code. See DTR, Part II, Appendix MM. [TAJ 9/11]																
50	9900	**R4 SEGMENT - Manifest Destination Seaport Identifier Code**		C			1	180	O	5								
		SEGMENT CONDITION: Required and used only for water manifest.												If either R402 or R403 is present, then the other is required. R4 is required for each port to be identified.				
50-01	9900	Destination Seaport Identifier Code Qualifier		M	ID	1/1	1	180	O	5				R401	115	M	ID	1/1
		M - Destination (Operational) <i>Use 'M' to denote Destination Seaport.</i>																
50-02	9900	Seaport Qualifier		M	ID	1/2	1	180	O	5				R402	309	C	ID	1/2
		VS - Vessel Stowage Location <i>Use 'VS' to denote Seaport.</i>																
50-03	9900	Manifest Destination Seaport Identifier Code		M	AN	3/3	1	180	O	5				R403	310	C	AN	1/30
		Enter Manifest Destination Seaport Identifier Code. See DTR, Part II, Appendix MM. [TAJ 24/26]																

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
51	9900	**H3 SEGMENT - No-Dunnage Indicator**	C		1	200	O	20						
		SEGMENT CONDITION: Use this segment for water manifest to indicate there is no dunnage for shipment.			Only one of H301 or H302 may be present. 									
51-02	9900	No-Dunnage Indicator	M AN	5/5	1	200	O	20				H302	153	C AN 2/30
		To indicate no dunnage, enter value 'NODUN'.												
52	9900	**V5 SEGMENT - IRCS**	C		1	212	O	1						
		SEGMENT CONDITION: Use for fow water manifest to identify vessels with IRCS. For barges without IRCS, hull number is required in CM12.												
52-01	9900	IRCS Code Qualifier	M ID	1/1	1	212	O	1				V501	897	M ID 1/1
		C - Ship's Radio Call Signal												
52-02	9900	IRCS	M ID	1/8	1	212	O	1				V502	597	M ID 1/8
		Enter IRCS. SOURCE: Lloyd's Register of Shipping [TAJ 52/59]												
52-03	9900	X12 Mandatory Element	M ID	2/2	1	212	O	1				V503	26	M ID 2/3
		Enter value 'XX' to satisfy X12 syntax requirement. SOURCE: Code for Representation of Names of Countries, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.												
53	9900	**NTE SEGMENT - Additional Manifest Information**	C		1	280	O	50						
		SEGMENT CONDITION: Use for water manifest for Additional Manifest Information.			 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.									
53-01	9900	Note Reference Code	M ID	3/3	1	280	O	50				NTE01	363	O ID 3/3
		ADD - Additional Information												
53-02	9900	Miscellaneous Manifest Information	M AN	1/80	1	280	O	50				NTE02	352	M AN 1/80
		Enter additional required data (e.g., actual loading activity if other than the WPOE, transshipping data, etc.) [TAJ 60/80]												

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes
54	1001	**HL SEGMENT - Single Shipment Unit (T_0/1/4)** M An HL '1' loop (DG 1001) is required for every manifest. Repeat this loop for every single shipment unit TCN (T_0/1/4 and the air/water manifest equivalent document identifier codes). This loop may be used in combination with HL loops describing consolidations and containers (HL03 code values '3' (DG 3001) and '2' (DG 2001), pallet manifest headers (HL03 code value '24' (DG 9801)), and with HL loops describing TCN trailer data. NOTE: References to T_0 data apply to T_1 and T_4 data throughout the description of this loop. CHANGE NOTE: The term, "LOOP CONDITION," explaining the use of this loop, has been dropped and the information changed to the first paragraph of the user note per DM 883.		2	010	M	1	>1	1	HL				
						 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.								
54-01	1001	Hierarchical (Segment) ID Number M AN 1/12 Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)		2	010	M	1	>1	1	HL	HL01	628	M AN	1/12
						 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.								
54-02	1001	Hierarchical Parent ID Number C AN 1/12 For consolidations or manifests, use this element to link this DG 1001 loop with its parent DG 2001, DG 3001, or DG 9801 (manifest) loop. Establish the link by copying the Hierarchical Segment ID Number (HL01) of the parent HL loop here.		2	010	M	1	>1	1	HL	HL02	734	O AN	1/12
						 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.								
54-03	1001	Hierarchical Level Code M ID 1/1 Use code value '1' to indicate that the HL loop contains information from DTR T_0/1/4 records for a shipment unit corresponding to DG 1001, along with related trailer data corresponding to DG 1014. 1 - Service/Billing Provider <i>Use '1' to denote DG 1001 (and related DG 1014) Heirarchical Level.</i>		2	010	M	1	>1	1	HL	HL03	735	M ID	1/2
						 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.								
55	1001	**N7 SEGMENT - Empty SEAVAN Details** C SEGMENT CONDITION: Use for empty SEAVAN only.		2	020	O	1	>1	1	HL				
						If either N703 or N704 is present, then the other is required. If either N705 or N716 is present, then the other is required. If either N708 or N709 is present, then the other is required. 								
55-01	1001	Empty SEAVAN Ownership Code C AN 1/4 ELEMENT CONDITION: For SEAVAN enter the ownership code which is the first four positions of the ISO container ID number. If none, enter the value 'XXXX' and list the clear text name of the SEAVAN owner in the DG 9013 NTE segment (HL loop position 140). SOURCE: IATA Unit Load Devices Manual available from International Air Transport Association [T_9 9/12]		2	020	O	1	>1	1	HL	N701	206	O AN	1/4
						 N701 is mandatory for rail transactions.								

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	**DG**	**Data Name** **Notes and Codes**	**DoD Recommended** **Attributes**		**Tabl**	**Pos**	**Req** **Des**	**Max** **Use**	**Lp** **Rpt**	**Lp** **Lvl**	**Lp** **ID**	**Ref** **Des**	**DE #**	**Attributes**
55-02	1001	Empty SEAVAN Container Serial Number	M AN 1/10		2	020	O	1	>1	1	HL	N702	207	M AN 1/10
		Enter the serial number marked on the container by the van owner. Do not include the van owner code (first 4 characters of the container ID number) or the check digit (11th character of the ID number). Include alphabetic characters but exclude special characters such as dashes, slashes, or other symbols. [T_9 56/63]												
55-15	1001	Empty SEAVAN Actual Length	C N0 4/4		2	020	O	1	>1	1	HL	N715	567	O N0 4/5
		For empty SEAVAN enter the actual van length in feet. Left-fill with zeros as required to satisfy X12-mandated field size of four numeric digits. [T_9 28/29]												
55-18	1001	Empty SEAVAN Container Number Check Digit	C N0 1/1		2	020	O	1	>1	1	HL	N718	761	O N0 1/1
		As applicable, enter the check digit marked on the container. The check digit is a number separated from the container number by a dash, space, or slash. [T_9 65/65]												
56	1001	**REF SEGMENT - Empty Container Indicator**	C		2	060	O	5	>1	1	HL			
		SEGMENT CONDITION: Use to identify an empty SEAVAN.			At least one of REF02 or REF03 is required. 									
56-01	1001	Empty Container Indicator Qualifier	M ID 2/2		2	060	O	5	>1	1	HL	REF01	128	M ID 2/3
		BE - Business Activity <i>Use 'BE' to denote Empty Container Indicator.</i>												
56-02	1001	Empty Container Indicator	M AN 5/5		2	060	O	5	>1	1	HL	REF02	127	C AN 1/30
		Enter value 'EMPTY' to indicate an Empty Container. [T_2 28/29]												
57	1001	**REF SEGMENT - DoD Leased/Controlled Container Indicator** C			2	060	O	5	>1	1	HL			
		SEGMENT CONDITION: Use segment to indicate a DoD Leased/Controlled Container.			At least one of REF02 or REF03 is required. 									
57-01	1001	DoD Leased/Controlled Container Indicator Qualifier	M ID 2/2		2	060	O	5	>1	1	HL	REF01	128	M ID 2/3
		OP - Original Purchase Order <i>Use 'OP' to denote DoD Leased/Controlled Container Indicator.</i>												
57-02	1001	DoD Leased/Controlled Container Indicator	M AN 6/6		2	060	O	5	>1	1	HL	REF02	127	C AN 1/30
		Enter value 'LEASED' to indicate DoD Leased/Controlled Container. [T_2 28/28]												

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
58	1001	**REF SEGMENT - Type of Shipment Code**	M			2	060	O	5	>1	1	HL			
						At least one of REF02 or REF03 is required. 									
58-01	1001	Type of Shipment Qualifier	M	ID	2/2	2	060	O	5	>1	1	HL	REF01	128	M ID 2/3
		ZZ - Mutually Defined <i>Use 'ZZ' to denote Type of Shipment.</i>													
58-02	1001	Type of Shipment Code	M	AN	1/1	2	060	O	5	>1	1	HL	REF02	127	C AN 1/30
		This is the second position of the TCMD Document Identifier code as defined by the 'Document Id 2nd Position Code' table found in USTranscom Reference Data Management (TRDM), mirrored at http://www.transcom.mil/dteb/files/refdata/V_DOC_ID_2_DOM.htm. Reference added per DM 1053. [T_0 2/2],[T_1 2/2]													
59	1001	**REF SEGMENT - POE/POD Identification**	C			2	060	O	5	>1	1	HL			
		SEGMENT CONDITION: Use this segment for water or air shipment only of single shipment units to a port of Embarkation (POE). Do not use when shipping to a CCP.				At least one of REF02 or REF03 is required. 									
59-01	1001	POE Qualifier Code	M	ID	2/2	2	060	O	5	>1	1	HL	REF01	128	M ID 2/3
		55 - Sequence Number <i>Use '55' to denote Port of Embarkation.</i>													
59-02	1001	POE Identifier Qualifier	M	AN	3/3	2	060	O	5	>1	1	HL	REF02	127	C AN 1/30
		Enter value 'SEA' or value 'AIR' to denote Port Code Type.													
59-03	1001	POE Identifier	M	AN	3/3	2	060	O	5	>1	1	HL	REF03	352	C AN 1/80
		Use three-position port code. [T_0 21/23],[T_1 21/23]													
59-04	1001	POD Composite Element Header	C	CE		2	060	O	5	>1	1	HL	REF04	C040	O CE
		COMPOSITE CONDITION: Use this element for water or air shipment of a single shipment unit when planned for movement through a designated POD for the Consignee. CHANGE NOTE: Composite element added per DM 680.				If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required. 									
59-04-01	1001	POD Qualifier Code	M	ID	2/2	2	060	O	5	>1	1	HL	C04001	128	M ID 2/3
		By placing code value '6W' (DE 128 unit qualifier) in the C04001, you are satisfying X12 syntax requirements for the composite data element. 6W - Sequence Number <i>Use '6W' to denote Port of Debarkation.</i>													

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
59-04-02	1001	POD Identifier Qualifier Use three-position port code.	M	AN	3/3	2	060	O	5	>1	1	HL	C04002	127	M	AN	1/30
60	1014	**REF SEGMENT - Van Point of Origin ZIP Code** SEGMENT CONDITION: Use for SEAVAN shipments only.	C			2	060	O	5	>1	1	HL	At least one of REF02 or REF03 is required. 				
60-01	1014	Van Point of Origin ZIP Code Qualifier 4B - Shipment Origin Code <i>Use '4B' to denote Van Point of Origin ZIP Code.</i>	M	ID	2/2	2	060	O	5	>1	1	HL	REF01	128	M	ID	2/3
60-02	1014	Van Point of Origin ZIP Code Enter Van's point of origin five-digit ZIP code with optional hyphen and ZIP + 4.	M	AN	5/10	2	060	O	5	>1	1	HL	REF02	127	C	AN	1/30
61	1001	**N9 SEGMENT - Stop-Off Indicator** SEGMENT CONDITION: This segment is required and used only when describing stop-offs for a shipment unit as part of a SEAVAN consolidation.	C			2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 				
61-01	1001	Stop-Off Indicator Qualifier QN - Stop Sequence Number	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
61-02	1001	Stop-Off Indicator Enter the stop-off sequence number for the shipment. Sequence numbers range from 1-9. For cargo going to the final destination of the SEAVAN, enter value 'Z'. [T_4 63/63]	M	AN	1/1	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
62	1001	**N9 SEGMENT - Short Shelf Life Identification Code** C SEGMENT CONDITION: Use for air shipments only, when shelf life is applicable.				2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 				
62-01	1001	Short Shelf Life Identification Code Qualifier CHANGE NOTE: Code value 'P5' changed to 'SHL' per DM 814. SHL - Shelf Life Indicator <i>Use 'SHL' to denote Short Shelf Life Code.</i>	M	ID	3/3	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3

		DoD INFORMATION					X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
62-02	1001	Short Shelf Life Identification Code	M AN 1/1			2	100	O	10	>1	1	HL	N902	127	C AN 1/30
		For short shelf-life items, enter one of the following values (Short Shelf Life Identification Codes): [T_0 15/15],[T_1 15/15] K - General Services Administration (GSA)-managed sealants/adhesives M - Medical Items X - All Other Short Shelf-life Items													
63	1001	**N9 SEGMENT - TCN**	M			2	100	O	10	>1	1	HL			
						2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 		
63-01	1001	TCN Qualifier	M ID 2/2			2	100	O	10	>1	1	HL	N901	128	M ID 2/3
		TG - Transportation Control Number (TCN)													
63-02	1001	TCN	M AN 17/17			2	100	O	10	>1	1	HL	N902	127	C AN 1/30
		Enter the TCN of the shipment unit. [T_4 30/46]													
64	1001	**N9 SEGMENT - Transportation Tracking Number (TTN)**	C			2	100	O	10	>1	1	HL			
		SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number (TTN) is applicable. CHANGE NOTE: Segment added per DM 888.				2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 		
64-01	1001	Transportation Tracking Number (TTN) Qualifier	M ID 2/2			2	100	O	10	>1	1	HL	N901	128	M ID 2/3
		18 - Plan Number <i>Use '18' to denote Transportation Tracking Number (TTN).</i>													
64-02	1001	Transportation Tracking Number (TTN)	M AN 17/17			2	100	O	10	>1	1	HL	N902	127	C AN 1/30
65	1001	**N9 SEGMENT - Project Code**	C			2	100	O	10	>1	1	HL			
		SEGMENT CONDITION: Required when Project Code applies.				2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 		
65-01	1001	Project Code Qualifier	M ID 2/2			2	100	O	10	>1	1	HL	N901	128	M ID 2/3
		P4 - Project Code													
65-02	1001	Project Code [T_0 57/59],[T_1 57/59]	M AN 3/3			2	100	O	10	>1	1	HL	N902	127	C AN 1/30

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes
66	1001	**N9 SEGMENT - Air Dimension Code** SEGMENT CONDITION: Required and used only for air shipments.		C	2	100	O	10	>1	1	HL				
					2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 			
66-01	1001	Air Dimension Code Qualifier ADM - Air Dimension Code		M ID 3/3	2	100	O	10	>1	1	HL	N901	128	M ID 2/3	
66-02	1001	Air Dimension Code [T_0 20/20],[T_1 20/20]		M AN 1/1	2	100	O	10	>1	1	HL	N902	127	C AN 1/30	
67	1001	**N9 SEGMENT - Defense Courier Service Station (DCSS) Collocation Indicator** SEGMENT CONDITION: Use this segment only for single shipments by Defense Courier Service Station.		C	2	100	O	10	>1	1	HL				
					2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 			
67-01	1001	DCSS Collocation Indicator Qualifier COL - Collocation Indicator		M ID 3/3	2	100	O	10	>1	1	HL	N901	128	M ID 2/3	
67-02	1001	DCSS Collocation Indicator Enter value '9' if DCSS and APOE are co-located; otherwise enter value 'X'. [TC1 27/27]		M AN 1/1	2	100	O	10	>1	1	HL	N902	127	C AN 1/30	
68	1001	**N9 SEGMENT - Estimated Transit Days to POE** SEGMENT CONDITION: This segment applies to single shipments to a POE -- not in a SEAVAN/RORO.		C	2	100	O	10	>1	1	HL				
					2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 			
68-01	1001	Estimated Transit Days to POE Qualifier AR - Arrival Code <i>Use 'AR' to denote Transit Days to POE.</i>		M ID 2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3	
68-02	1001	Estimated Transit Days to POE This figure expresses the number of days from expected time of departure from the shipper to expected time of arrival at the POE. Zero (0) is a valid entry. [T_0 63/63],[T_1 63/63]		M AN 1/3	2	100	O	10	>1	1	HL	N902	127	C AN 1/30	
69	1001	**N9 SEGMENT - Water Type Cargo Code** SEGMENT CONDITION: This segment is used only for and required for water shipments.		C	2	100	O	10	>1	1	HL				
					2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 			
69-01	1001	Water Type Cargo Code Qualifier PHC - Process Handling Code <i>Use 'PHC' to denote Water Type Cargo Code.</i>		M ID 3/3	2	100	O	10	>1	1	HL	N901	128	M ID 2/3	

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
69-02	1001	Water Type Cargo Code This is paired with the Water Commodity Code that is mapped to the L5 Segment (HL loop position 130). [T_0 18/18],[T_1 18/18]	M AN 1/1	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
70	1001	**N9 SEGMENT - Special Handling Code** SEGMENT CONDITION: Use this segment for shipments transiting through an Air or Sea Port. Not needed for truck movements.	C	2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 		
70-01	1001	Special Handling Code Qualifier AHC - Air Handling Code SU - Special Processing Code <i>Use 'SU' to denote Water Special Handling Code.</i>	M ID 2/3	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
70-02	1001	Special Handling Code For water shipments, enter the one-position water Special Handling Code. This is paired with the Water Commodity Code mapped to the L5 segment (HL loop position 130). For air shipments, enter the air Special Handling Code from Appendix Z of the DTR Part II. [T_0 19/19],[T_1 19/19]	M AN 1/1	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
71	1001	**H3 SEGMENT - Special Requirements Code** SEGMENT CONDITION: Use this segment when a Special Requirements Code applies. Do not enter a Julian date for the Special Requirements Code.	C	2	105	O	1	>1	1	HL	Only one of H301 or H302 may be present. 		
71-02	1001	Special Requirements Code Code list includes supply Special Requirements Code values '444', '555', '777', '999', 'Exx', 'Nxx', 'Sxx' and 'Xxx'. (As a measure of consistency between this 858B IC and the 856A IC enter triple-position codes 'Exx', 'Nxx', 'Sxx' and 'Xxx' where the first byte is literal and the 'xx' represent any valid alpha-numeric value that completes the code as defined by the Supply Community). NOTE: Change made per DM 1017 [T_0 54/56],[T_1 54/56]	M AN 3/3	2	105	O	1	>1	1	HL	H302	153	C AN 2/30
72	1001	**L5 SEGMENT - Air Commodity Code and Federal Supply Class** SEGMENT CONDITION: Required and used only for air shipments.	C	2	130	O	10	>1	1	HL	If either L503 or L504 is present, then the other is required. If L507 is present, then L506 is required. If either L508 or L509 is present, then the other is required. 		
72-03	1001	Air Commodity Code This is paired with the Special Handling Code that is mapped to the N9 segment (HL loop position 100). [T_0 18/18],[T_1 18/18]	M AN 1/1	2	130	O	10	>1	1	HL	L503	22	C AN 1/30

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
72-04	1001	Air Commodity Code Qualifier	M ID 1/1	2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
		Z - Mutually defined <i>Use 'Z' to denote Air Commodity Code.</i>													
72-08	1001	Federal Supply Class Qualifier	C ID 1/1	2	130	O	10	>1	1	HL	L508	23	C	ID	1/1
		ELEMENT CONDITION: Use for air shipments if Federal Supply Class furnished by the application system. K - Federal Supply Classification													
72-09	1001	Federal Supply Class	C AN 4/4	2	130	O	10	>1	1	HL	L509	22	C	AN	1/30
		ELEMENT CONDITION: Use for air shipments if furnished by the application system. [T_0 5/8],[T_1 5/8]													
73	1001	**L5 SEGMENT - Water Commodity Code**	C	2	130	O	10	> 1	1	HL					
		SEGMENT CONDITION: Required and used only for water shipments.						If either L503 or L504 is present, then the other is required. If L507 is present, then L506 is required. If either L508 or L509 is present, then the other is required. 							
73-03	1001	Water Commodity Code [T_0 15/17],[T_1 15/17]	M AN 3/3	2	130	O	10	>1	1	HL	L503	22	C	AN	1/30
73-04	1001	Water Commodity Code Qualifier	M ID 1/1	2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
		I - Milstamp AITC or Water Commodity Code													
74	1001	**L5 SEGMENT - Non Palletized Mail Registry Number**	C	2	130	O	10	> 1	1	HL					
		SEGMENT CONDITION: Use when Non Palletized Mail Registry applies.						If either L503 or L504 is present, then the other is required. If L507 is present, then L506 is required. If either L508 or L509 is present, then the other is required. 							
74-03	1001	Non Palletized Mail Registry Number [T_A 9/14],[T_D 9/14]	M AN 1/30	2	130	O	10	>1	1	HL	L503	22	C	AN	1/30
74-04	1001	Non Palletized Mail Registry Number Qualifier [T_A 9/14],[T_D 9/14] D - Department of Defense Unique Codes <i>Use 'D' to denote Non Palletized Mail Registry Number.</i>	M ID 1/1	2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
75	1001	**L5 SEGMENT - Vessel Stowage Location**	C	2	130	O	10	> 1	1	HL					
		SEGMENT CONDITION: Use for water manifests only.						If either L503 or L504 is present, then the other is required. If L507 is present, then L506 is required. If either L508 or L509 is present, then the other is required. 							

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes		
75-03	1001	Vessel Stowage Location	M	AN	4/4		2	130	O	10	>1	1	HL	L503	22	C	AN	1/30
		Enter Vessel Stowage Location. See DTR, Part II, Appendix VV. [T_J 60/63],[T_K 60/63],[T_L 60/63]																	
75-04	1001	Vessel Stowage Location Qualifier	M	ID	1/1		2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
		S - Standard International Trade Classification (SITC) <i>Use 'S' to denote Vessel Stowage Location.</i>																	
76	1001	**Y7 SEGMENT - Transportation Priority Code**	C				2	137	O	2	>1	1	HL					
		SEGMENT CONDITION: Use when Transportation Priority Code applies.												If either Y702 or Y703 is present, then the other is required. 					
76-01	1001	Transportation Priority Code	M	N0	1/1		2	137	O	2	>1	1	HL	Y701	467	O	N0	1/1
		Enter the transportation priority of the shipment unit. Valid values are '1', '2', '3', or '4'. [T_0 53/53],[T_1 53/53]																	
77	1001	**G62 SEGMENT - Date/Time (UTC) Shipped to POE**	C				2	138	O	10	> 1	1	HL					
		SEGMENT CONDITION: Segment required and used only for air and water shipments to a POE -- not for shipments to a CCP or for shipments loaded at POE.												At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 					
77-01	1001	Date Shipped to POE Qualifier	M	ID	2/2		2	138	O	10	>1	1	HL	G6201	432	C	ID	2/2
		SE - Date Shipped to Port of Embarkation (POE)																	
77-02	1001	Date (UTC) Shipped to POE	M	DT	8/8		2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8
		For air shipments, the date appears in DTR TCMD T_0/1/2/4 record. This date is paired with the time in G6204. The DTR value is an ordinal number that represents a day of the year on a 365 day calendar. Convert the ordinal to a standard date format of CCYYMMDD. (Example: ordinal value 23 could equal days 23, 123, 223, or 323.) For water shipments, the date appears in Julian format in DTR TCMD T_0/1/2/4 record positions 60/62. That value should be converted to the CCYYMMDD format and carried here. [T_0 60/62],[T_1 60/62],[T_2 60/62],[T_4 60/62]																	
77-03	1001	Estimated Departure Time Qualifier	C	ID	1/1		2	138	O	10	>1	1	HL	G6203	176	C	ID	1/2
		D - Estimated Departure Time																	
77-04	1001	Time (UTC) Shipped to APOE	C	TM	4/4		2	138	O	10	>1	1	HL	G6204	337	C	TM	4/8
		Enter time in 24 hr time format (HHMM). [T_0 60/60],[T_1 60/60]																	

		DoD INFORMATION				X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
77-05	1001	UTC Date/Time Zone Indicator	C	ID 2/2	2	138	O	10	>1	1	HL	G6205	623	O	ID	2/2
		Use Universal Time Coordinate (UTC), also referred to as Greenwich Mean Time (GMT), for both G6202 and G6204. SOURCE: ISO 8601 available from American National Standards Institute UT - Universal Time Coordinate														
78	1001	**G62 SEGMENT - Required Delivery Date (RDD) (UTC)**	C		2	138	O	10	> 1	1	HL					
		SEGMENT CONDITION: Use when RDD furnished by the application system is a Julian date.										At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 				
78-01	1001	Required Delivery Date (RDD) Qualifier	M	ID 2/2	2	138	O	10	>1	1	HL	G6201	432	C	ID	2/2
		54 - Deliver No Later Than Date <i>Use '54' to denote Required Delivery Date.</i>														
78-02	1001	Required Delivery Date (RDD) (UTC)	M	DT 8/8	2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8
		This is the calendar date, specified by the requisitioner, when material is required by the requisitioner. It is not a date assigned by the shipper. [T_0 54/56],[T_1 54/56]														
79	1001	**G62 SEGMENT - Date/Time (UTC)** **In-checked at APOE**	C		2	138	O	10	> 1	1	HL					
		SEGMENT CONDITION: Use for manifests only to document date/time cargo was receipted into the airlift system.										At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 				
79-01	1001	Date In-checked at APOE Qualifier	M	ID 2/2	2	138	O	10	>1	1	HL	G6201	432	C	ID	2/2
		35 - Delivered on This Date <i>Use '35' to denote Date (UTC) In-checked at APOE.</i>														
79-02	1001	Date (UTC) In-checked at APOE	M	DT 8/8	2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8
		Enter Actual Date (UTC) In-checked at APOE using format CCYYMMDD. [T_A 61/62],[T_D 61/62]														
79-03	1001	Time In-checked at APOE Qualifier	M	ID 1/1	2	138	O	10	>1	1	HL	G6203	176	C	ID	1/2
		9 - Actual Delivery Time <i>Use '9' to denote Time (UTC) In-checked at APOE.</i>														
79-04	1001	Time (UTC) In-checked at APOE	M	TM 4/4	2	138	O	10	>1	1	HL	G6204	337	C	TM	4/8
		Enter actual Time (UTC) In-checked at APOE using format HHMM. [T_A 60/60],[T_D 60/60]														

Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
79-05	1001	UTC Date/Time Zone Indicator Use Universal Time Coordinate (UTC), also referred to as Greenwich Mean Time (GMT), for both G6202 and G6204. SOURCE: ISO 8601 available from American National Standards Institute UT - Universal Time Coordinate	C ID 2/2	2	138	O	10	>1	1	HL	G6205	623	O ID 2/2
80	1001	**G62 SEGMENT - Actual Date (UTC) of Cargo Arrival at APOE** C SEGMENT CONDITION: Entered by APOE on condition of cargo arrival (truck or aircraft block time) at APOE. Use for manifesting of cargo for onward movement from an APOE.		2	138	O	10	> 1	1	HL			At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required.
80-01	1001	Actual Date of Cargo Arrival at APOE Qualifier 44 - Arrival at Destination Yard <i>Use '44' to denote Actual Date (UTC) of Cargo Arrival at APOE.</i>	M ID 2/2	2	138	O	10	>1	1	HL	G6201	432	C ID 2/2
80-02	1001	Actual Date (UTC) of Cargo Arrival at APOE Enter Actual Date (UTC) of Cargo Arrival at APOEusing CCYYMMDD format . [T_A 7/8],[T_D 7/8]	M DT 8/8	2	138	O	10	>1	1	HL	G6202	373	C DT 8/8
80-03	1001	Actual Time of Cargo Arrival at APOE Qualifier R - Actual Arrival Time <i>Use 'R' to denote Actual Date (UTC) of Cargo Arrival at APOE.</i>	M ID 1/1	2	138	O	10	>1	1	HL	G6203	176	C ID 1/2
80-04	1001	Actual Time (UTC) of Cargo Arrival at APOE Enter Actual Time (UTC) of Cargo Arrival at APOE using HHMM format. [T_A 6/6],[T_D 6/6]	M TM 4/4	2	138	O	10	>1	1	HL	G6204	337	C TM 4/8
80-05	1001	UTC Date/Time Zone Indicator Use Universal Time Coordinate (UTC), also referred to as Greenwich Mean Time (GMT), for both G6202 and G6204. SOURCE: ISO 8601 available from American National Standards Institute UT - Universal Time Coordinate	C ID 2/2	2	138	O	10	>1	1	HL	G6205	623	O ID 2/2
81	1001	**NTE SEGMENT - Onward Mode/Method Code** C SEGMENT CONDITION: Use when Onward Mode/Method Code applies for air manifested cargo.		2	140	O	100	> 1	1	HL			 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
81-01	1001	Onward Mode/Method Code Qualifier M ID 3/3 AAA - Agent Details\ \ \<i>Use 'AAA' to denote Onward Mode/Method Code.\</i>		2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
81-02	1001	Onward Mode/Method Code M AN 1/1 See DTR Part II, Appendix GG for applicable codes. [T_A 27/27],[T_D 27/27]		2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
82	1001	**NTE SEGMENT - Shipment Unit Adjustment Code** C SEGMENT CONDITION: Use this segment only when BX01 contains code value '03' or '04'. CHANGE NOTE: Code value '02' deleted from user note per DM 663.		2	140	O	100	> 1	1	HL					
			\ The NTE segment permits free-form information/data which, under ANSI X12 standard\ implementations, is not machine processable. The use of the NTE segment should therefore\ be avoided, if at all possible, in an automated environment.												
82-01	1001	Shipment Unit Adjustment Code Qualifier M ID 3/3 ACN - Action Taken\ \ \<i>Use 'ACN' to denote Shipment Unit Adjustment Code.\</i>		2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
82-02	1001	Shipment Unit Adjustment Code M AN 16/18 Enter the following values that correspond to code value contained in BX01: \ \ For BX01 code value '03' enter value 'Deletion'; \ For BX01 code value '04' enter value 'Correction', \ \ followed by the date in CCYYMMDD format.\ \ CHANGE NOTE: Code value '02' deleted from user note per DM 663. [TAJ 4/4],[T_J 53/53],[T_R 53/53]		2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
83	1001	**L0 SEGMENT - Piece, Weight, Cube and Type Pack** M		2	145	O	1	20	2	L0					
			If either L002 or L003 is present, then the other is required.\ If either L004 or L005 is present, then the other is required.\ If either L006 or L007 is present, then the other is required.\ If either L008 or L009 is present, then the other is required.\ If L011 is present, then L004 is required.\ If either L013 or L015 is present, then the other is required.\ 												
83-04	1001	Total Weight of Shipment Unit M R 1/10 Express total weight of shipment unit in whole pounds. Round up to a whole number. [T_0 72/76],[T_1 72/76]		2	145	O	1	20	2	L0	L004	81	C	R	1/10
83-05	1001	Weight Type Code M ID 1/1 G - Gross Weight		2	145	O	1	20	2	L0	L005	187	C	ID	1/2

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
83-06	1001	Total Cube of Shipment Unit		M	R	1/8	2	145	O	1	20	2	L0	L006	183	C	R	1/8
		Express total cube of all pieces in the shipment unit in cubic feet. Round up to a whole number. [T_0 77/80],[T_1 77/80]																
83-07	1001	Cube Qualifier		M	ID	1/1	2	145	O	1	20	2	L0	L007	184	C	ID	1/1
		E - Cubic Feet																
83-08	1001	Number of Pieces for the Shipment Unit		M	N0	1/7	2	145	O	1	20	2	L0	L008	80	C	N0	1/7
		Express the number of separate pieces for the shipment unit that are not unitized. If the separate pieces are banded to a pallet, then the piece count is one (1). [T_0 68/71],[T_1 68/71]						 L008 is the number of handling units of the line item tendered to the carrier.										
83-09	1001	Type Pack Code		M	ID	3/3	2	145	O	1	20	2	L0	L009	211	C	ID	3/3
		Code for packaging form of the lading quantity. For air manifests or HL loops subordinate to Pallet Header Information loops (HL03 contains '24') use code 'PCK' to meet X12 syntax compliance requirements. Otherwise select the appropriate three-position Type Pack Code value that describes the Type Pack for the Shipment Unit. [T_0 28/29],[T_1 28/29] See Section 6 for list of data values.																
84	1001	**FA1 SEGMENT - Shipment Unit (T_0/1/4)**		C			2	230	O	1	> 1	2	FA1					
		LOOP CONDITION: Use this segment for the Transportation Account Code (TAC). This segment begins the appropriation number loop for T_0/1/4 data (DG 1001). It calls for both FA1 and FA2 segments. Carriers do not need to receive appropriation data. Shipper systems that are capable of receiving, storing, and sending structured DoD appropriation numbers may use this loop to exchange those numbers with trading partners.																
84-01	1001	Agency Qualifier Code (T_0/1/4)		M	ID	2/2	2	230	O	1	>1	2	FA1	FA101	559	M	ID	2/2
		Code identifying the agency assigning the code values. DF - Department of Defense (DoD) DN - Department of the Navy DX - United States Marine Corps DY - Department of Air Force DZ - Department of Army HS - Department of Health and Human Services <i>Use 'HS' to denote Department of Homeland Security/US Coast Guard (DHS/USCG).</i>						 FA101 Identifies the organization controlling the assignment of financial accounting information.										

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
85	1001	**FA2 SEGMENT - Shipment Unit Appropriation Elements (T_0/1/4)** SEGMENT CONDITION: Required when FA1 segment is used. Use for Transportation Account Code (TAC) information.	C	2	240	M	>1	>1	2	FA1			
85-01	1001	Breakdown Structure Detail Code (T_0/1/4) See Section 6 for list of data values.	M	2	240	M	>1	>1	2	FA1	FA201	1196	M ID
85-02	1001	Financial Information Code (T_0/1/4) When FA201 contains code value '84', FA202 should be formatted as a dollar amount including a decimal character and two positions after the decimal, representing cents even if the value is a whole dollar amount. Enter value '0003' when FA201 code value is 'TA' (Transportation Account Code) and shipment is by courier. [T_0 64/67],[T_1 64/67]	M AN 4/80	2	240	M	>1	>1	2	FA1	FA202	1195	M AN 1/80
86	1001	**N1 SEGMENT - Consignor DoDAAC, CAGE, or Defense Courier Transfer Station Code** This is a mandatory segment for the following reasons: the consignor/consignee DoDAAC is needed for most TCMDs; the consignor CAGE is needed for MSLs when a vendor does not have a DoDAAC; and the TCMD TC1 record needs the DCTS data for record position 9-14 and 47-52.	M	2	290	O	1	4	2	N1	At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 		
86-01	1001	Consignor DoDAAC, CAGE, or DCTS Code Qualifier CI - Consignor <i>Use 'CI' to denote Consignor DoDAAC.</i> TSR - Consignor Courier Transfer Station XX - Business Area <i>Use 'XX' to denote Consignor CAGE.</i>	M ID 2/3	2	290	O	1	4	2	N1	N101	98	M ID 2/3
86-02	1001	Consignor DoDAAC, CAGE, or DCTS Code For the following code values contained in N101, use this element as follows: CI - Enter Consignor DoDAAC TSR - Use this element for Armed Forces Courier Service Shipment Units. Enter the DCTS code followed immediately by the APOE air terminal identifier code XX - Enter Consignor CAGE	C AN 1/60	2	290	O	1	4	2	N1	N102	93	C AN 1/60
87	1001	**N1 SEGMENT - Consignee DoDAAC, MAPAC, or Courier Transfer Station Code**	M	2	290	O	1	4	2	N1	At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 		

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
87-01	1001	Consignee or Courier Transfer Station Code Qualifier	M ID 2/3	2	290	O	1	4	2	N1	N101	98	M	ID	2/3
		CN - Consignee <i>Use 'CN' to denote Consignee DoDAAC.</i> IAD - Foreign Office <i>Use 'IAD' to denote Consignee Military Assistance Program Address Code (MAPAC).</i> TSE - Consignee Courier Transfer Station													
87-02	1001	Consignee or Courier Transfer Station Code	C AN 1/60	2	290	O	1	4	2	N1	N102	93	C	AN	1/60
		For the code values in N101, perform the following actions: CN - Show ultimate consignee DoDAAC if available. If DoDAAC is not available, use Service indicator (e.g., A, F, N, etc.) followed by five zeros, as it appears in DTR, and furnish the clear text name and address of the consignee in the Line Detail HL '9' loop (DG 9013) using the NM1 and N3 segments (HL loop positions 260/270) IAD - Enter the MAPAC constructed IAW DTR Part II, Appendix E TSE - Use this element for Armed Forces Courier Service Shipment Units. Enter the DCTS code followed immediately by the APOD Air Terminal Identifier code.													
88	2001	**HL SEGMENT - SEAVAN/RORO/463L Shipment Units (T_2)**	C	2	010	M	1	>1	1	HL					
		LOOP CONDITION: This HL loop is required when passing header and trailer data associated with a SEAVAN/RORO/463L shipment unit. For capped 463L pallets this loop will be a child loop of the capped pallet loop only for the situation where the pallet and its load are documented as a shipment unit and the complete, single load is marked with an MSL. Use HL02 to identify the parent pallet manifest loop as required.									 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.					
88-01	2001	Hierarchical (Segment) ID Number	M AN 1/12	2	010	M	1	>1	1	HL	HL01	628	M	AN	1/12
		Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)									 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.					
88-02	2001	Hierarchical Parent ID Number	C AN 1/12	2	010	M	1	>1	1	HL	HL02	734	O	AN	1/12
		ELEMENT CONDITION: Enter parent manifest loop ID only if this is a child loop for a 463L capped pallet (HL03=24) that is marked with an MSL as a consolidated shipment unit. Otherwise, do not use this data element.									 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.					
88-03	2001	Hierarchical Level Code	M ID 2/2	2	010	M	1	>1	1	HL	HL03	735	M	ID	1/2
		Use value '2' to indicate that the HL loop contains information from DTR T_2 records for a shipment using SEAVAN/RORO/463L corresponding to DG 2001, along with related trailer data corresponding to DG 2014 and DG 2015. 2 - Billing Arrangement <i>Use '2' to denote DG 2001 (and related DG 2014 and DG 2015) Heirarchical Level.</i>									 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.					

		DoD INFORMATION			X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
89	2001	**N7 SEGMENT - Container Information** SEGMENT CONDITION: Use this segment only for SEAVAN.	C		2	020	O	1	>1	1	HL			
					If either N703 or N704 is present, then the other is required. If either N705 or N716 is present, then the other is required. If either N708 or N709 is present, then the other is required. 									
89-01	2001	SEAVAN Ownership Code For SEAVAN enter the ownership code which is the first four positions of the ISO container ID number. If none, enter the value 'XXXX' and list the clear text name of the SEAVAN owner in the DG 9013 NTE segment (HL loop position 140). SOURCE: IATA Unit Load Devices Manual available from International Air Transport Association [T_2 9/12]	M	AN	4/4	2	020	O	1	>1	1	HL	N701	206	O AN 1/4
					 N701 is mandatory for rail transactions.									
89-02	2001	SEAVAN Container Serial Number Enter the serial number marked on the container by the van owner. Do not include the van owner code (first 4 characters of the container ID number) or the check digit (11th character of the ID number). Include alphabetic characters but exclude special characters such as dashes, slashes, or other symbols. [T_9 56/63]	M	AN	1/10	2	020	O	1	>1	1	HL	N702	207	M AN 1/10
89-08	2001	Cubic Capacity of SEAVAN Enter using whole cubic feet. Use only for SEAVAN shipments. [T_2 64/67]	M	R	1/4	2	020	O	1	>1	1	HL	N708	183	C R 1/8
89-09	2001	Cubic Capacity of SEAVAN Qualifier E - Cubic Feet	M	ID	1/1	2	020	O	1	>1	1	HL	N709	184	C ID 1/1
89-15	2001	SEAVAN Length Enter the length in feet. [T_2 13/14]	M	N0	4/4	2	020	O	1	>1	1	HL	N715	567	O N0 4/5
89-18	2001	SEAVAN Container Number Check Digit As applicable, enter the check digit marked on the container. The check digit is a number separated from the container number by a dash, space, or slash. [T_9 65/65]	C	N0	1/1	2	020	O	1	>1	1	HL	N718	761	O N0 1/1
89-23	2001	Ocean Carrier Code For SEAVAN(s). SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc. [T_9 74/77]	M	ID	2/4	2	020	O	1	>1	1	HL	N723	140	O ID 2/4
					 N723 is the operator or carrier of the rights of the equipment.									

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
90	2001	**N5 SEGMENT - Length of SEAVAN Ordered** SEGMENT CONDITION: Do not use for empty vans.	C			2	050	O	1	>1	1	HL			
						If either N507 or N508 is present, then the other is required. 									
90-01	2001	Length of SEAVAN Ordered Enter the length of the SEAVAN ordered, in feet. [T_9 28/29]	M	N0	4/4	2	050	O	1	>1	1	HL	N501	567	O N0 4/5
91	2001	**REF SEGMENT - Type of Shipment Code**	M			2	060	O	5	>1	1	HL			
						At least one of REF02 or REF03 is required. 									
91-01	2001	Type of Shipment Qualifier [T_2 2/2] ZZ - Mutually Defined <i>Use 'ZZ' to denote Type of Shipment.</i>	M	ID	2/2	2	060	O	5	>1	1	HL	REF01	128	M ID 2/3
91-02	2001	Type of Shipment Code This is the second position of the TCMD Document Identifier code as defined by the 'Document Id 2nd Position Code' table found in USTranscom Reference Data Management (TRDM), mirrored at http://www.transcom.mil/dteb/files/refdata/V_DOC_ID_2_DOM.htm. Reference added per DM 1053. [T_2 2/2]	M		/1	2	060	O	5	>1	1	HL	REF02	127	C AN 1/30
92	2001	**REF SEGMENT - DoD Leased/Controlled Container Indicator** SEGMENT CONDITION: Use segment to indicate a DoD Leased/Controlled Container.	C			2	060	O	5	>1	1	HL			
						At least one of REF02 or REF03 is required. 									
92-01	2001	DoD Leased/Controlled Container Indicator Qualifier OP - Original Purchase Order <i>Use 'OP' to denote DoD Leased/Controlled Container Indicator.</i>	M	ID	2/2	2	060	O	5	>1	1	HL	REF01	128	M ID 2/3
92-02	2001	DoD Leased/Controlled Container Indicator Enter value 'LEASED' to denote DoD Leased/Controlled Container. [T_2 28/28]	M	AN	6/6	2	060	O	5	>1	1	HL	REF02	127	C AN 1/30
93	2001	**REF SEGMENT - Container Loading Information** SEGMENT CONDITION: Only used when the T_2 is for a container, not used for 463L pallet shipments. Identifies the load configuration within the container and the activity loading it. Repeat the segment for each load situation (i.e., when the initial, partial load is done by one activity with loading completed by another activity).	C			2	060	O	5	>1	1	HL			
						At least one of REF02 or REF03 is required. 									

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
93-01	2001	Container Loading Information Qualifier	M ID 2/2		2	060	O	5	>1	1	HL	REF01	128	M ID 2/3
		CHANGE NOTE: Replace code value 'BE' with 'IL' per DM 847. IL - Internal Order Number <i>Use 'IL' to denote Container Loading Information.</i>												
93-02	2001	Container Loading Information	M AN 4/16		2	060	O	5	>1	1	HL	REF02	127	C AN 1/30
		Enter the following values to denote the DoD definitions indicated: FULL - Container Loaded to its Capacity NOT FULL - Container Loaded to Less than its Capacity. NOT FULL - MIXED - Container Loaded to Less than its Capacity with Military and Commercial Cargo, Commingled IAW the SDDC Container Agreement and Rate Guide [T_2 28/29]												
93-03	2001	Container Loading Activity	M AN 6/12		2	060	O	5	>1	1	HL	REF03	352	C AN 1/80
		Enter the applicable value from the following to denote the indicated DoD definition: CARRIER - Ocean Carrier CONTRACT CCP - Contract Shipment Consolidation Facility MIL SHIPPER - Military Shipping Activity MIL TERMINAL - Military Terminal VENDOR - Commercial Vendor [T_2 28/29]												
94	2015	**L7 SEGMENT - Stop-Off DoDAAC**	C		2	090	O	10	> 1	1	HL			
		SEGMENT CONDITION: This segment is required when describing stop-offs for a shipment unit as part of a SEAVAN consolidation. Repeat up to ten times for each Stop-Off DoDAAC.												
94-03	2015	Stop-Off DoDAAC	M AN 6/6		2	090	O	10	>1	1	HL	L703	171	O AN 1/7
		Enter Stop-Off DoDAAC. [T_9 60/65],[T_9 74/79]												
94-04	2015	Stop-Off Number	M AN 1/1		2	090	O	10	>1	1	HL	L704	172	O AN 1/2
		Enter the stop-off sequence number for the shipment. Sequence numbers range from 1-9. [T_9 54/59],[T_9 68/73]												
95	2001	**N9 SEGMENT - TCN**	M		2	100	O	10	>1	1	HL			
					At least one of N902 or N903 is required. If N906 is present, then N905 is required. 									
95-01	2001	TCN Qualifier	M ID 2/2		2	100	O	10	>1	1	HL	N901	128	M ID 2/3
		TG - Transportation Control Number (TCN)												

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
95-02	2001	TCN Enter the TCN of the consolidated shipment unit. [T_2 30/46]	M AN 17/17	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
96	2001	**N9 SEGMENT - Transportation Tracking Number (TTN)** C SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number (TTN) is applicable. CHANGE NOTE: Segment added per DM 888.		2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 		
96-01	2001	Transportation Tracking Number (TTN) Qualifier 18 - Plan Number <i>Use '18' to denote Transportation Tracking Number (TTN).</i>	M ID 2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
96-02	2001	Transportation Tracking Number (TTN)	M AN 17/17	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
97	2001	**N9 SEGMENT - Project Code** C SEGMENT CONDITION: Use for 463L pallets only with a single Project Code.		2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 		
97-01	2001	Project Code Qualifier P4 - Project Code	M ID 2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
97-02	2001	Project Code [T_2 57/59]	M AN 3/3	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
98	2001	**N9 SEGMENT - Consignee Distribution (CDIST) Code** C SEGMENT CONDITION: This segment is required when describing the number of consignees for a single stop or the number of stop-offs for shipment units as part of a SEAVAN/RORO consolidation.		2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 		
98-01	2001	Consignee Distribution (CDIST) Code Qualifier NOTE: Code changed from 'QN' to '6A' per DM 1022. 6A - Consignee Reference Number <i>Use '6A' to denote Consignee Distribution (CDIST) Code.</i>	M ID 2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
98-02	2001	Consignee Distribution (CDIST) Code		M AN 1/1		2	100	O	10	>1	1	HL	N902	127	C AN 1/30
		Enter the following values to denote the DoD definitions indicated: For ROROs S - Single Consignee M - Multiple Consignees For SEAVAN shipments S - Single Consignee at a Single Destination M - Multiple Consignees via a Break Bulk Point for Distribution to the Consignees C - Multiple Consignees via a Centralized Receiving Point for Distribution to the Ultimate Consignees 1-9 - Multiple Consignees via Stop Offs. Enter the number of stop offs, excluding the final consignee [T_2 57/57]													
99	2001	**N9 SEGMENT - Estimated Transit Days to POE**		C		2	100	O	10	>1	1	HL			
		SEGMENT CONDITION: This segment applies to SEAVAN/RORO/463L shipments to a POE. Do not use for water manifest.				At least one of N902 or N903 is required. If N906 is present, then N905 is required. 									
99-01	2001	Estimated Transit Days to POE Qualifier		M ID 2/2		2	100	O	10	>1	1	HL	N901	128	M ID 2/3
		AR - Arrival Code <i>Use 'AR' to denote Transit Days to POE.</i>													
99-02	2001	Estimated Transit Days to POE		M AN 1/3		2	100	O	10	>1	1	HL	N902	127	C AN 1/30
		This figure expresses the number of days from expected time of departure from the shipper to expected time of arrival at the POE. Zero (0) is a valid entry. [T_2 63/63]													
100	2001	**N9 SEGMENT - Water Type Cargo Code**		C		2	100	O	10	>1	1	HL			
		SEGMENT CONDITION: This segment is required and used only for water shipments.				At least one of N902 or N903 is required. If N906 is present, then N905 is required. 									
100-01	2001	Water Type Cargo Code Qualifier		M ID 3/3		2	100	O	10	>1	1	HL	N901	128	M ID 2/3
		PHC - Process Handling Code <i>Use 'PHC' to denote Water Type Cargo Code.</i>													
100-02	2001	Water Type Cargo Code		M AN 1/1		2	100	O	10	>1	1	HL	N902	127	C AN 1/30
		This is paired with the Water Commodity Code that is mapped to the L5 Segment (HL loop position 130). [T_2 18/18]													
101	2001	**N9 SEGMENT - Special Handling Code**		C		2	100	O	10	>1	1	HL			
		SEGMENT CONDITION: Use this segment for shipments transiting through an Air or Sea Port. Not needed for truck movements.				At least one of N902 or N903 is required. If N906 is present, then N905 is required. 									

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
101-01	2001	Special Handling Code Qualifier		M ID 2/3		2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
		AHC - Air Handling Code SU - Special Processing Code <i>Use 'SU' to denote Water Special Handling Code.</i>															
101-02	2001	Special Handling Code		M AN 1/1		2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
		For water shipments, enter the one-position Special Handling Code from Appendix LL of the DTR Part II. This is paired with the Water Commodity Code mapped to the L5 segment (HL loop position 130). For air shipments, enter the Special Handling Code from Appendix Z of the DTR Part II. SOURCE: Defense Transportation Regulations [T_2 19/19]															
102	2001	**N9 SEGMENT - Air Dimension Code**		C		2	100	O	10	> 1	1	HL					
		SEGMENT CONDITION: Required for air shipments.										At least one of N902 or N903 is required. If N906 is present, then N905 is required. 					
102-01	2001	Air Dimension Code Qualifier ADM - Air Dimension Code		M ID 3/3		2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
102-02	2001	Air Dimension Code [T_2 20/20]		M AN 1/1		2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
103	2001	**N9 SEGMENT - Short Shelf Life Identification Code**		C		2	100	O	10	> 1	1	HL					
		SEGMENT CONDITION: Use for RORO shipment by air when shelf life is applicable.										At least one of N902 or N903 is required. If N906 is present, then N905 is required. 					
103-01	2001	Short Shelf Life Identification Code Qualifier SHL - Shelf Life Indicator		M ID 3/3		2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
103-02	2001	Short Shelf Life Identification Code		M AN 1/1		2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
		For short shelf-life items, enter one of the following values to denote the DoD definition indicated: K - GSA-managed sealants/adhesives M - Medical Items X - Any Other Commodity with Limited Shelf Life CHANGE NOTE: Value 'Z' changed to 'X' per DM 814. [T_2 15/15]															

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
104	2001	**H3 SEGMENT - Special Requirements Code**	C		2	105	O	1	>1	1	HL			
		SEGMENT CONDITION: Use this segment when a Special Requirements Code applies. Do not enter a Julian date for the Special Requirements Code.			Only one of H301 or H302 may be present. 									
104-02	2001	Special Requirements Code	M	AN 3/3	2	105	O	1	>1	1	HL	H302	153	C AN 2/30
		Code list includes supply Special Requirements Code values '444', '555', '777', '999', 'Exx', 'Nxx', 'Sxx' and 'Xxx'. (As a measure of consistency between this 858B IC and the 856A IC enter triple-position codes 'Exx', 'Nxx', 'Sxx' and 'Xxx' where the first byte is literal and the 'xx' represent any valid alpha-numeric value that completes the code as defined by the Supply Community). NOTE: Change made per DM 1017 [T_2 54/56]												
105	2001	**L5 SEGMENT - Air Commodity Code**	C		2	130	O	10	>1	1	HL			
		SEGMENT CONDITION: Required and used only for air shipments.			If either L503 or L504 is present, then the other is required. If L507 is present, then L506 is required. If either L508 or L509 is present, then the other is required. 									
105-03	2001	Air Commodity Code	M	AN 1/1	2	130	O	10	>1	1	HL	L503	22	C AN 1/30
		This is paired with the Special Handling Code that is mapped to the N9 segment (HL loop position 100). [T_2 18/18]												
105-04	2001	Air Commodity Code Qualifier	M	ID 1/1	2	130	O	10	>1	1	HL	L504	23	C ID 1/1
		Z - Mutually defined <i>Use 'Z' to denote Air Commodity Code.</i>												
106	2001	**L5 SEGMENT - Water Commodity Code**	C		2	130	O	10	>1	1	HL			
		SEGMENT CONDITION: Use for Water Commodity Codes.			If either L503 or L504 is present, then the other is required. If L507 is present, then L506 is required. If either L508 or L509 is present, then the other is required. 									
106-03	2001	Water Commodity Code	M	AN 3/3	2	130	O	10	>1	1	HL	L503	22	C AN 1/30
		This is paired with the water Type Cargo Code and the Special Handling Code that are mapped to the N9 segments (HL loop position 100). [T_2 15/17]												
106-04	2001	Water Commodity Code Qualifier	M	ID 1/1	2	130	O	10	>1	1	HL	L504	23	C ID 1/1
		I - Milstamp AITC or Water Commodity Code <i>Use 'I' to denote Water Commodity Code.</i>												
107	2001	**L5 SEGMENT - Vessel Stowage Location**	C		2	130	O	10	>1	1	HL			
		SEGMENT CONDITION: Use for water manifests only.			If either L503 or L504 is present, then the other is required. If L507 is present, then L506 is required. If either L508 or L509 is present, then the other is required. 									

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
107-03	2001	Vessel Stowage Location — Enter Vessel Stowage Location. See DTR, Part II, Appendix VV. [T_J 60/63],[T_K 60/63],[T_L 60/63]	M AN 4/4	2	130	O	10	>1	1	HL	L503	22	C	AN	1/30
107-04	2001	Vessel Stowage Location Qualifier — S - Standard International Trade Classification (SITC) <i>Use 'S' to denote Vessel Stowage Location.</i>	M ID 1/1	2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
108	2014	**L5 SEGMENT - Reefer Temperature** — SEGMENT CONDITION: Use this element when reefer cargo must be maintained within a specified temperature range.	C	2	130	O	10	> 1	1	HL	If either L503 or L504 is present, then the other is required. If L507 is present, then L506 is required. If either L508 or L509 is present, then the other is required. 				
108-03	2014	Reefer Temperature — For reefer vans, enter the temperature or temperature range required to properly maintain the cargo, e.g., 34 degrees is shown as 34, 34 to 41degrees is shown as 34-41. CHANGE NOTE: Use L503 (rather than L502) for Reefer Temperature per DM 763. [T_9 15/19] Sample Values: 34, 34-41	M AN 2/7	2	130	O	10	>1	1	HL	L503	22	C	AN	1/30
108-04	2014	Reefer Temperature Qualifier — C - Canadian Freight Classification <i>Use 'C' to denote Reefer Temperature, measured in Centigrade.</i> F - National Stock Number <i>Use 'F' to denote Reefer Temperature, measured in Fahrenheit.</i>	M ID 1/1	2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
109	2001	**Y7 SEGMENT - Transportation Priority Code** — SEGMENT CONDITION: Use when Transportation Priority Code applies.	C	2	137	O	2	> 1	1	HL	If either Y702 or Y703 is present, then the other is required. 				
109-01	2001	Transportation Priority Code — Enter the highest Transportation Priority contained in the loaded SEAVAN/RORO/463L. [T_2 53/53]	M N0 1/1	2	137	O	2	>1	1	HL	Y701	467	O	N0	1/1
110	2001	**G62 SEGMENT - Date/Time (UTC) Shipped to POE** — SEGMENT CONDITION: Required for air and water shipment to a POE - not for shipment to a CCP or for shipment loaded at POE.	C	2	138	O	10	> 1	1	HL	At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 				

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	

Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
110-01	2001	Date Shipped to POE Qualifier CHANGE NOTE: Code value '17' and user note added per DM 807. 17 - Estimated Delivery Date <i>Use '17' to denote Estimated Date/Time Shipped to POE Use when DLA-sourced 463L air pallet processing status code values 'C' and 'T' (NTE02 - DG 9801)..</i> SE - Date Shipped to Port of Embarkation (POE)	M	ID	2/2	2	138	O	10	>1	1	HL	G6201	432	C	ID	2/2
110-02	2001	Date (UTC) Shipped to POE For air shipments, the date appears in DTR TCMD T_2 record positions 61/62. This date is paired with the time in G6204. The DTR value is an ordinal number that represents a day of the year on a 365 day calendar. Convert the ordinal to a standard date format. (Example: ordinal value 23 could equal days 23, 123, 223, or 323). For water shipments, the date appears in Julian format in DTR TCMD T_2 record positions 60/62. [T_2 60/62]	M	DT	8/8	2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8
110-03	2001	Time Shipped to APOE Qualifier ELEMENT CONDITION: Required and used only for air shipments. D - Estimated Departure Time	C	ID	1/1	2	138	O	10	>1	1	HL	G6203	176	C	ID	1/2
110-04	2001	Time (UTC) Shipped to APOE Enter time in 24 hr time format (HHMM). ELEMENT CONDITION: Required and used only for air shipments. [T_2 60/60]	C	TM	4/4	2	138	O	10	>1	1	HL	G6204	337	C	TM	4/8
110-05	2001	UTC Date/Time Zone Indicator Universal Time Coordinate (UTC), also referred to as Greenwich Mean Time (GMT), for both G6202 and G6204. ELEMENT CONDITION: Required and used only for air shipments. SOURCE: ISO 8601 available from American National Standards Institute UT - Universal Time Coordinate	C	ID	2/2	2	138	O	10	>1	1	HL	G6205	623	O	ID	2/2
111	2001	**G62 SEGMENT - Required Delivery Date (RDD) (UTC)** SEGMENT CONDITION: Use when RDD furnished by the application system as Julian date.	C			2	138	O	10	> 1	1	HL	At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 				
111-01	2001	Required Delivery Date (RDD) Qualifier 54 - Deliver No Later Than Date	M	ID	2/2	2	138	O	10	>1	1	HL	G6201	432	C	ID	2/2

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
111-02	2001	Required Delivery Date (RDD) (UTC) M DT 8/8		2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8
		If DTR TCMD T_2 record positions 54/56 are other than 1 to 366, then map to H302 (HL loop position 105) as an expedited handling code. [T_2 54/56]													
112	2001	**NTE SEGMENT - Shipment Unit Adjustment Code** C		2	140	O	100	> 1	1	HL					
		SEGMENT CONDITION: Use this segment only when BX01 contains code value '03' or '04'.		 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.											
112-01	2001	Shipment Unit Adjustment Code Qualifier M ID 3/3		2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
		ACN - Action Taken <i>Use 'ACN' to denote Shipment Unit Adjustment Code.</i>													
112-02	2001	Shipment Unit Adjustment Code M AN 16/18		2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
		Enter the date in CCYYMMDD format, preceded by one of the following values, corresponding to code value contained in BX01: For BX01 code value '03' enter value 'Deletion' followed by date. For BX01 code value '04' enter value 'Correction' followed by date. [TAJ 4/4],[T_J 53/53],[T_R 53/53]													
113	2001	**L0 SEGMENT - SEAVAN/RORO/463L Piece, Weight, Cube, and Type Pack** M		2	145	O	1	20	2	L0					
				If either L002 or L003 is present, then the other is required. If either L004 or L005 is present, then the other is required. If either L006 or L007 is present, then the other is required. If either L008 or L009 is present, then the other is required. If L011 is present, then L004 is required. If either L013 or L015 is present, then the other is required. 											
113-04	2001	Weight of SEAVAN/RORO/463L M R 1/10		2	145	O	1	20	2	L0	L004	81	C	R	1/10
		For SEAVAN, enter the weight of the contents. For ROROs, enter the weight of the RORO plus its contents. For 463L enter weight of pallet plus its contents. [T_2 72/76]													
113-05	2001	Weight of SEAVAN/RORO/463L Qualifier M ID 1/1		2	145	O	1	20	2	L0	L005	187	C	ID	1/2
		G - Gross Weight <i>Use 'G' to denote Weight for RORO or 463L.</i> N - Actual Net Weight <i>Use 'N' to denote Weight for SEAVAN.</i>													

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes		
113-06	2001	Cube of SEAVAN/RORO/463L	M	R	1/8		2	145	O	1	20	2	L0	L006	183	C	R	1/8
		Enter the cube of the contents for a SEAVAN shipment. For 463L enter the total cube of the 463L pallet plus its contents. Enter the total cube of the RORO (total cube is based on length, width, and height of RORO, including any exposed cargo). All cube entries should be rounded to whole numbers. CHANGE NOTE: Reference to whole numbers added per DM 814. [T_2 77/80]																	
113-07	2001	Cube of SEAVAN/RORO/463L Qualifier	M	ID	1/1		2	145	O	1	20	2	L0	L007	184	C	ID	1/1
		E - Cubic Feet																	
113-08	2001	Total Number of Pieces	M	N0	1/7		2	145	O	1	20	2	L0	L008	80	C	N0	1/7
		For SEAVAN enter actual number of shipment unit pieces loaded in the SEAVAN. For RORO or 463L always enter the value one (1). [T_2 68/71]					 L008 is the number of handling units of the line item tendered to the carrier.												
113-09	2001	Type Pack Code	M	ID	3/3		2	145	O	1	20	2	L0	L009	211	C	ID	3/3
		Code for packaging form of the lading quantity. For air manifest only, use code 'PCK' to meet X12 syntax compliance requirements. [T_2 28/29] PLL - 463L Pallet TBN - Tote Bin <i>Use 'TBN' to denote SEAVAN.</i> WHE - On Own Wheel <i>Use 'WHE' to denote RORO.</i>																	
114	2001	**MEA SEGMENT - Total Number of Shipment Units**	C				2	160	O	10	20	2	L0					
		SEGMENT CONDITION: Not used for T_2 records for 463L pallets.					At least one of MEA03, MEA05, MEA06, or MEA08 is required. If MEA05 is present, then MEA04 is required. If MEA06 is present, then MEA04 is required. If MEA07 is present, then at least one of MEA03, MEA05, or MEA06 is required. Only one of MEA08 or MEA03 may be present. 												
114-01	2001	Total Number of Shipment Units Count Qualifier	M	ID	2/2		2	160	O	10	20	2	L0	MEA01	737	O	ID	2/2
		CT - Counts																	
114-02	2001	Total Number of Shipment Units Qualifier	M	ID	2/2		2	160	O	10	20	2	L0	MEA02	738	O	ID	1/3
		SU - Shipped Units																	

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
114-03	2001	Total Number of Shipment Units	M R 1/4	2	160	O	10	20	2	L0	MEA03	739	C R 1/20
		Enter the Total Number of Shipment Units loaded in the SEAVAN or RORO. [T_2 58/59]											
115	2001	**FA1 SEGMENT - 463L (T_2)**	C	2	230	O	1	> 1	2	FA1			
		SEGMENT CONDITION: Use this segment for the 463L pallet Transportation Account Code (TAC). This segment begins the appropriation number loop for T_2 data (DG 2001). It calls for both FA1 and FA2 segments. Carriers do not need to receive appropriation data. Shipper systems that are capable of receiving, storing, and sending structured DoD appropriation numbers may use this loop to exchange those numbers with trading partners. Carriers do not need to receive appropriation data. Shipper systems that are capable of receiving, storing, and sending structured DoD appropriation numbers may use this loop to exchange those numbers with trading partners.											
115-01	2001	Agency Qualifier Code (T_2)	M ID 2/2	2	230	O	1	>1	2	FA1	FA101	559	M ID 2/2
		Code identifying the agency assigning the code values. DF - Department of Defense (DoD) DN - Department of the Navy DX - United States Marine Corps DY - Department of Air Force DZ - Department of Army HS - Department of Health and Human Services <i>Use 'HS' to denote Department of Homeland Security/US Coast Guard (DHS/USCG).</i>									 FA101 Identifies the organization controlling the assignment of financial accounting information.		
116	2001	**FA2 SEGMENT - 463L Appropriation Elements (T_2)**	M	2	240	M	> 1	> 1	2	FA1			
		Required when FA1 segment is used. Use for Transportation Account Code (TAC) information.											
116-01	2001	Breakdown Structure Detail Code (T_2)	M	2	240	M	>1	>1	2	FA1	FA201	1196	M ID
		See Section 6 for list of data values.											
116-02	2001	Financial Information Code (T_2)	M AN 4/80	2	240	M	>1	>1	2	FA1	FA202	1195	M AN 1/80
		When FA201 code value is '84', FA202 should be formatted as a dollar amount including a decimal character and two positions after the decimal, representing cents even if the value is a whole dollar amount. [T_2 64/67]											
117	2001	**N1 SEGMENT - Loading Activity DoDAAC**	C	2	290	O	1	4	2	N1			
		SEGMENT CONDITION: Use this segment only to identify the activity loading the shipment units and/or consolidation containers into a RORO or onto a 463L.									At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 		

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
117-01	2001	Loading Activity Qualifier LP - Loading Party	M ID 2/2	2	290	O	1	4	2	N1	N101	98	M	ID	2/3
117-03	2001	Loading Activity DoDAAC Qualifier 10 - Department of Defense Activity Address Code (DODAAC)	M ID 2/2	2	290	O	1	4	2	N1	N103	66	C	ID	1/2
117-04	2001	Loading Activity DoDAAC Enter the DoDAAC of the Loading Activity. [T_9 9/14]	M AN 6/6	2	290	O	1	4	2	N1	N104	67	C	AN	2/80
				\ This segment, used alone, provides the most efficient method of providing organization\ identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the\ table maintained by the transaction processing party.												
118	2001	**N1 SEGMENT - Consignee of SEAVAN/RORO/463L** This segment identifies the activity receiving the SEAVAN/RORO/463L. This segment identifies the activity receiving the SEAVAN/RORO/463L.	M	2	290	O	1	4	2	N1					
				At least one of N102 or N103 is required.\ If either N103 or N104 is present, then the other is required.\ 												
118-01	2001	Consignee of SEAVAN/RORO/463L Qualifier CE - Consignee (To receive large parcels and freight)	M ID 2/2	2	290	O	1	4	2	N1	N101	98	M	ID	2/3
118-03	2001	Consignee of SEAVAN/RORO/463L DoDAAC Qualifier 10 - Department of Defense Activity Address Code (DODAAC)	M ID 2/2	2	290	O	1	4	2	N1	N103	66	C	ID	1/2
118-04	2001	Consignee of SEAVAN/RORO/463L DoDAAC Enter the DoDAAC for the final consignee. For stop-offs, use N9/N1 segments (HL loop\ positions 100/290). [T_2 47/52]	M AN 6/6	2	290	O	1	4	2	N1	N104	67	C	AN	2/80
				\ This segment, used alone, provides the most efficient method of providing organization\ identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the\ table maintained by the transaction processing party.												
119	2014	**N1 SEGMENT - Van Point of Origin** SEGMENT CONDITION: Use for SEAVAN shipments.	C	2	290	O	1	4	2	N1					
				At least one of N102 or N103 is required.\ If either N103 or N104 is present, then the other is required.\ 												
119-01	2014	Van Point of Origin Qualifier OT - Origin Terminal	M ID 2/2	2	290	O	1	4	2	N1	N101	98	M	ID	2/3
119-03	2014	Van Point of Origin ZIP Code Qualifier 16 - ZIP Code	M ID 2/2	2	290	O	1	4	2	N1	N103	66	C	ID	1/2
119-04	2014	Van Point of Origin ZIP Code Van's Point of Origin five-digit ZIP code with optional hyphen and ZIP + 4. [T_9 10/14]	M AN 5/10	2	290	O	1	4	2	N1	N104	67	C	AN	2/80
				\ This segment, used alone, provides the most efficient method of providing organization\ identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the\ table maintained by the transaction processing party.												

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
120	3001	**HL SEGMENT - Other Consolidations (Not\ SEAVAN/RORO/463L) (T_3)**	C	2	010	M	1	>1	1	HL			
		LOOP CONDITION: This HL loop is required when passing header and trailer data associated with a multi-shipment unit consolidation other than a SEAVAN/RORO/463L.									\ The HL segment is used to identify levels of detail information using a hierarchical\ structure, such as relating line-item data to shipment data, and packaging data to\ line-item data.\ The HL segment defines a top-down/left-right ordered structure.		
120-01	3001	Hierarchical (Segment) ID Number	M AN 1/12	2	010	M	1	>1	1	HL	HL01	628	M AN 1/12
		Enter the next available HL loop sequential number to uniquely identify each occurrence\ of the HL loop. (The first HL loop in the transaction will have the value '1' in the\ HL01 data element. Increment that value by one for each subsequent new HL loop.)									\ HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in\ the transaction set. For example, HL01 could be used to indicate the number of\ occurrences of the HL segment, in which case the value of HL01 would be "1" for the\ initial HL segment and would be incremented by one in each subsequent HL segment within\ the transaction.		
120-02	3001	Hierarchical Parent ID Number	C AN 1/12	2	010	M	1	>1	1	HL	HL02	734	O AN 1/12
		ELEMENT CONDITION: Enter parent loop ID only if this is the child of larger\ SEAVAN/RORO/463L consolidation (HL03=2), or is the child of a nested unitized load (DG\ 3001), or this is a child loop for a 463L capped pallet (HL03=24). Otherwise, do not use\ this data element.									\ HL02 identifies the hierarchical ID number of the HL segment to which the current HL\ segment is subordinate.		
120-03	3001	Hierarchical Level Code	M ID 1/1	2	010	M	1	>1	1	HL	HL03	735	M ID 1/2
		Use '3' to indicate that the HL loop contains information from DTR T_3 records for a\ multi-shipment unit consolidation corresponding to DG 3001, along with related trailer\ data corresponding to DG 3014 3 - Sub-Billing Arrangement\ \ \<i>Use '3' to denote DG 3001 (and related DG 3014) Heirarchical Level.\</i>									\ HL03 indicates the context of the series of segments following the current HL segment\ up to the next occurrence of an HL segment in the transaction. For example, HL03 is\ used to indicate that subsequent segments in the HL loop form a logical grouping of\ data referring to shipment, order, or item-level information.		
121	3014	**N7 SEGMENT - Other Consolidation Identification\ Number**	C	2	020	O	1	>1	1	HL			
		SEGMENT CONDITION: Use this segment for other consolidation shipments. CHANGE NOTE: Segment DataGroup changed to 3014 per DM 663.									If either N703 or N704 is present, then the other is required.\ If either N705 or N716 is present, then the other is required.\ If either N708 or N709 is present, then the other is required.\ 		
121-02	3014	Other Consolidation Identification Number	M AN 1/10	2	020	O	1	>1	1	HL	N702	207	M AN 1/10
		Enter the identification number marked on the consolidation. [T_9 56/65]											
122	3001	**REF SEGMENT - Type of Shipment Code**	M	2	060	O	5	>1	1	HL			
											At least one of REF02 or REF03 is required.\ 		
122-01	3001	Type of Shipment Code Qualifier	M ID 2/2	2	060	O	5	>1	1	HL	REF01	128	M ID 2/3
		ZZ - Mutually Defined\ \ \<i>Use 'ZZ' to denote Type of Shipment.\</i>											

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
122-02	3001	Type of Shipment Code	M /1	2	060	O	5	>1	1	HL	REF02	127	C AN 1/30
		This is the second position of the TCMD Document Identifier code as defined by the 'Document Id 2nd Position Code' table found in USTranscom Reference Data Management (TRDM), mirrored at http://www.transcom.mil/dteb/files/refdata/V_DOC_ID_2_DOM.htm. Reference added per DM 1053. [T_3 2/2]											
123	3001	**N9 SEGMENT - Stop-Off Indicator**	C	2	100	O	10	>1	1	HL			
		SEGMENT CONDITION: This segment is required and used only when describing stop-offs for a consolidated shipment loaded into a SEAVAN.		At least one of N902 or N903 is required. If N906 is present, then N905 is required. 									
123-01	3001	Stop-Off Indicator Qualifier QN - Stop Sequence Number	M ID 2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
123-02	3001	Stop-Off Indicator	M AN 1/1	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
		Enter the stop-off sequence number for the SEAVAN, where the consolidated shipment should be delivered. Sequence numbers range from 1-9. For cargo going to the final destination of the SEAVAN, enter value 'Z'. [T_3 63/63]											
124	3001	**N9 SEGMENT - Estimated Transit Days to POE**	C	2	100	O	10	>1	1	HL			
		SEGMENT CONDITION: This segment applies to consolidations not in a SEAVAN/RORO/463L.		At least one of N902 or N903 is required. If N906 is present, then N905 is required. 									
124-01	3001	Estimated Transit Days to POE Qualifier AR - Arrival Code <i>Use 'AR' to denote Estimated Transit Days to POE.</i>	M ID 2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
124-02	3001	Estimated Transit Days to POE	M AN 1/3	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
		This figure expresses the number of days from expected time of departure from the shipper to expected time of arrival at the POE (estimated days in transit). [T_3 63/63]											
125	3001	**N9 SEGMENT - TCN**	M	2	100	O	10	>1	1	HL			
				At least one of N902 or N903 is required. If N906 is present, then N905 is required. 									
125-01	3001	TCN Qualifier TG - Transportation Control Number (TCN)	M ID 2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
125-02	3001	TCN Enter the TCN of the consolidated shipment unit. [T_3 30/46]	M AN 17/17	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
126	3001	**N9 SEGMENT - Transportation Tracking Number (TTN)** SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number (TTN) is applicable CHANGE NOTE: Segment added per DM 888.	C	2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 		
126-01	3001	Transportation Tracking Number (TTN) Qualifier 18 - Plan Number <i>Use '18' to denote Transportation Tracking Number (TTN).</i>	M ID 2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
126-02	3001	Transportation Tracking Number (TTN)	M AN 17/17	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
127	3001	**N9 SEGMENT - Project Code** SEGMENT CONDITION: Required when Project Code applies.	C	2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 		
127-01	3001	Project Code Qualifier P4 - Project Code	M ID 2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
127-02	3001	Project Code [T_3 57/59]	M AN 3/3	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
128	3001	**N9 SEGMENT - Short Shelf Life Identification Code** SEGMENT CONDITION: Use for air shipments, when shelf life is applicable.	C	2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 		
128-01	3001	Short Shelf Life Identification Code Qualifier SHL - Shelf Life Indicator <i>Use 'SHL' to denote Short Shelf Life Identification Code.</i>	M ID 3/3	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
128-02	3001	Short Shelf Life Identification Code For short shelf-life items, enter one of the following Short Shelf Life Identification Codes: K - General Services Administration (GSA)-managed sealants/adhesives M - Medical Items X - All Other Short Shelf-life Items [T_3 15/15]	M AN 1/1	2	100	O	10	>1	1	HL	N902	127	C AN 1/30

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
129	3001	**N9 SEGMENT - Water Type Cargo Code** SEGMENT CONDITION: This segment is required for water shipments.	C	2	100	O	10	>1	1	HL			
											At least one of N902 or N903 is required. If N906 is present, then N905 is required. 		
129-01	3001	Water Type Cargo Code Qualifier PHC - Process Handling Code <i>Use 'PHC' to denote Water Type Cargo Code.</i>	M ID 3/3	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
129-02	3001	Water Type Cargo Code This is paired with the Water Commodity Code that is mapped to the L5 Segment (HL loop position 130). [T_3 18/18]	M AN 1/1	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
130	3001	**N9 SEGMENT - Special Handling Code** SEGMENT CONDITION: Use this segment for shipments transiting through an Air or Sea Port. Not needed for truck movements.	C	2	100	O	10	>1	1	HL			
											At least one of N902 or N903 is required. If N906 is present, then N905 is required. 		
130-01	3001	Special Handling Code Qualifier AHC - Air Handling Code SU - Special Processing Code <i>Use 'SU' to denote Water Special Handling Code.</i>	M ID 2/3	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
130-02	3001	Special Handling Code For water shipments, enter the one-position Special Handling Code from Appendix LL of the DTR Part II. This is paired with the Water Commodity Code mapped to the L5 segment (HL loop position 130). For air shipments, enter the Special Handling Code from Appendix Z of the DTR Part II. [T_3 19/19]	M AN 1/1	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
131	3001	**N9 SEGMENT - Air Dimension Code** SEGMENT CONDITION: Required for air shipments.	C	2	100	O	10	>1	1	HL			
											At least one of N902 or N903 is required. If N906 is present, then N905 is required. 		
131-01	3001	Air Dimension Code Qualifier ADM - Air Dimension Code	M ID 3/3	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
131-02	3001	Air Dimension Code [T_3 20/20]	M AN 1/1	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
132	3001	**H3 SEGMENT - Special Requirements Code** SEGMENT CONDITION: Use this segment when a Special Requirements Code applies. Do not enter a Julian date for the Special Requirements Code.	C	2	105	O	1	>1	1	HL	Only one of H301 or H302 may be present. 		

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes
132-02	3001	Special Requirements Code		M	AN	3/3		2	105	O	1	>1	1	HL	H302	153	C AN 2/30
		Code list includes supply Special Requirements Code values '444', '555', '777', '999', 'Exx', 'Nxx', 'Sxx' and 'Xxx'. (As a measure of consistency between this 858B IC and the 856A IC enter triple-position codes 'Exx', 'Nxx', 'Sxx' and 'Xxx' where the first byte is literal and the 'xx' represent any valid alpha-numeric value that completes the code as defined by the Supply Community). NOTE: Change made per DM 1017 [T_3 54/56]															
133	3001	**L5 SEGMENT - Air Commodity Code**		C			2	130	O	10	> 1	1	HL			
		SEGMENT CONDITION: Required and used only for air shipments.					If either L503 or L504 is present, then the other is required. If L507 is present, then L506 is required. If either L508 or L509 is present, then the other is required. 										
133-03	3001	Air Commodity Code		M	AN	1/1		2	130	O	10	>1	1	HL	L503	22	C AN 1/30
		This is paired with the Special Handling Code that is mapped to the N9 segment (HL loop position 100). [T_3 18/18]															
133-04	3001	Air Commodity Code Qualifier		M	ID	1/1		2	130	O	10	>1	1	HL	L504	23	C ID 1/1
		Z - Mutually defined <i>Use 'Z' to denote Air Commodity Code.</i>															
134	3001	**L5 SEGMENT - Water Commodity Code**		C			2	130	O	10	> 1	1	HL			
		SEGMENT CONDITION: Required and used only for water shipments.					If either L503 or L504 is present, then the other is required. If L507 is present, then L506 is required. If either L508 or L509 is present, then the other is required. 										
134-03	3001	Water Commodity Code		M	AN	3/3		2	130	O	10	>1	1	HL	L503	22	C AN 1/30
		This is paired with the Water Type Cargo Code and the Special Handling Code that are mapped to the N9 segments (HL loop position 100). [T_3 15/17]															
134-04	3001	Water Commodity Code Qualifier		M	ID	1/1		2	130	O	10	>1	1	HL	L504	23	C ID 1/1
		I - Milstamp AITC or Water Commodity Code															
135	3001	**L5 SEGMENT - Vessel Stowage Location**		C			2	130	O	10	> 1	1	HL			
		SEGMENT CONDITION: Use for water manifests only.					If either L503 or L504 is present, then the other is required. If L507 is present, then L506 is required. If either L508 or L509 is present, then the other is required. 										
135-03	3001	Vessel Stowage Location		M	AN	4/4		2	130	O	10	>1	1	HL	L503	22	C AN 1/30
		Enter Vessel Stowage Location. See DTR, Part II, Appendix VV. [T_J 60/63],[T_K 60/63],[T_L 60/63]															

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes		
135-04	3001	Vessel Stowage Location Qualifier	M	ID	1/1		2	130	O	10	>1	1	HL	L504	23	C	ID	1/1	
		S - Standard International Trade Classification (SITC) <i>Use 'S' to denote Vessel Stowage Location.</i>																	
136	3001	**Y7 SEGMENT - Transportation Priority Code**	C				2	137	O	2	>1	1	HL						
		SEGMENT CONDITION: Use when Transportation Priority Code applies.						If either Y702 or Y703 is present, then the other is required. 											
136-01	3001	Transportation Priority Code	M	N0	1/1		2	137	O	2	>1	1	HL	Y701	467	O	N0	1/1	
		Enter the highest Transportation Priority loaded in the shipment unit. [T_3 53/53]																		
137	3001	**G62 SEGMENT - Date/Time (UTC) Shipped to POE**	C				2	138	O	10	>1	1	HL						
		SEGMENT CONDITION: Required and used only for air and water shipments to a POE -- not for shipments to a CCP or for shipments loaded at POE.						At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 											
137-01	3001	Date Shipped to POE Qualifier	M	ID	2/2		2	138	O	10	>1	1	HL	G6201	432	C	ID	2/2	
		SE - Date Shipped to Port of Embarkation (POE)																		
137-02	3001	Date (UTC) Shipped to POE	M	DT	8/8		2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8	
		For air shipments, the date appears in DTR TCMD T_3 record positions 61/62. This date is paired with the time in G6204. The DTR value is an ordinal number that represents a day of the year on a 365 day calendar. Convert the ordinal to a standard date format. (Example: ordinal value 23 could equal days 23, 123, 223, or 323). For water shipments, the date appears in Julian format in DTR TCMD T_3 record positions 60/62. [T_3 60/62]																		
137-03	3001	Time Shipped to APOE Qualifier	C	ID	1/1		2	138	O	10	>1	1	HL	G6203	176	C	ID	1/2	
		ELEMENT CONDITION: Required and used only for air shipments. D - Estimated Departure Time																		
137-04	3001	Time (UTC) Shipped to APOE	C	TM	4/4		2	138	O	10	>1	1	HL	G6204	337	C	TM	4/8	
		Enter time in 24 hr time format (HHMM). ELEMENT CONDITION: Required and used only for air shipments. [T_3 60/60]																		

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
137-05	3001	UTC Date/Time Zone Indicator　　C　ID　2/2 Use Universal Time Coordinate (UTC), also referred to as Greenwich Mean Time (GMT), for both G6202 and G6204. ELEMENT CONDITION: Required and used only for air shipments. SOURCE: ISO 8601 available from American National Standards Institute UT - Universal Time Coordinate		2	138	O	10	>1	1	HL	G6205	623	O	ID	2/2
138	3001	**G62 SEGMENT - Required Delivery**　C **Date (RDD)** SEGMENT CONDITION: Use when RDD furnished by the application system.		2	138	O	10	> 1	1	HL	At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 				
138-01	3001	Required Delivery Date (RDD) Qualifier　M　ID　2/2 54 - Deliver No Later Than Date		2	138	O	10	>1	1	HL	G6201	432	C	ID	2/2
138-02	3001	Required Delivery Date (RDD)　M　DT　8/8 If DTR TCMD T_3 record positions 54/56 are other than 1 to 366, then map to H302 (HL loop position 105) as an expedited handling code. [T_3 54/56]		2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8
139	3001	**NTE SEGMENT - Shipment Unit**　C **Adjustment Code** SEGMENT CONDITION: Use this segment only when BX01 contains code value '03' or '04'. CHANGE NOTE: Segment added per DM 705B.		2	140	O	100	> 1	1	HL	 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.				
139-01	3001	Shipment Unit Adjustment Code Qualifier　M　ID　3/3 ACN - Action Taken <i>Use 'ACN' to denote Shipment Unit Adjustment Code.</i>		2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
139-02	3001	Shipment Unit Adjustment Code　M　AN　16/18 Enter the date in CCYYMMDD format, preceded by one of the following values, corresponding to code value contained in BX01 For BX01 code value '03' enter value 'Deletion' followed by date. For BX01 code value '04' enter value 'Correction' followed by date. [TAJ 4/4],[T_J 53/53],[T_R 53/53]		2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
140	3001	**L0 SEGMENT - Piece, Weight,**　M **Cube and Type Pack**		2	145	O	1	20	2	L0	If either L002 or L003 is present, then the other is required. If either L004 or L005 is present, then the other is required. If either L006 or L007 is present, then the other is required. If either L008 or L009 is present, then the other is required. If L011 is present, then L004 is required. If either L013 or L015 is present, then the other is required. 				

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
140-04	3001	Total Weight of Shipment Unit Enter total weight of the consolidated shipment and its contents. [T_3 72/76]	M R 1/10	2	145	O	1	20	2	L0	L004	81	C	R	1/10
140-05	3001	Gross Weight Qualifier G - Gross Weight	M ID 1/1	2	145	O	1	20	2	L0	L005	187	C	ID	1/2
140-06	3001	Total Cube of Shipment Unit Enter the total cube of the consolidated shipment. Total cube is based on length, width, and height of the consolidated shipment, including any exposed cargo. All cube entries should be rounded to whole numbers. CHANGE NOTE: Reference to whole numbers added per DM 814. [T_3 77/80]	M R 1/8	2	145	O	1	20	2	L0	L006	183	C	R	1/8
140-07	3001	Cube Qualifier E - Cubic Feet	M ID 1/1	2	145	O	1	20	2	L0	L007	184	C	ID	1/1
140-08	3001	Number of Pieces for the Shipment Unit Enter value one (1). [T_3 68/71]	M N0 1/1	2	145	O	1	20	2	L0	L008	80	C	N0	1/7
					 L008 is the number of handling units of the line item tendered to the carrier.										
140-09	3001	Type Pack Code Code for packaging form of the lading quantity. For air manifests or HL loops subordinate to Pallet Header Information loops (HL03 contains '24') use code 'PCK' to meet X12 syntax compliance requirements. Otherwise select the appropriate three-position Type Pack Code value that describes the Type Pack for the Shipment Unit. [T_3 28/29] See Section 6 for list of data values.	M ID 3/3	2	145	O	1	20	2	L0	L009	211	C	ID	3/3
141	3001	**FA1 SEGMENT - Other Consolidations (Not SEAVAN/RORO/463L) (T_3)** SEGMENT CONDITION: Uae this segment for the Transportation Account Code (TAC) when available. The segment begins the appropriation loop for T_3 data (DG 3001). It calls for both FA1 and FA2 segments. Carriers do not need to receive appropriation data. Shipper systems that are capable of receiving, storing, and sending structured DoD appropriation numbers may use this loop to exchange those numbers with trading partners.	C	2	230	O	1	> 1	2	FA1					

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes				Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
141-01	3001	Agency Qualifier Code	M	ID	2/2		2	230	O	1	>1	2	FA1	FA101	559	M	ID	2/2
		Code identifying the agency assigning the code values.							 FA101 Identifies the organization controlling the assignment of financial accounting information.									
		DF - Department of Defense (DoD) DN - Department of the Navy DX - United States Marine Corps DY - Department of Air Force DZ - Department of Army HS - Department of Health and Human Services <i>Use 'HS' to denote Department of Homeland Security/US Coast Guard (DHS/USCG).</i>																
142	3001	**FA2 SEGMENT - Other Consolidations (Not SEAVAN/RORO/463L) (T_3)**	M				2	240	M	> 1	> 1	2	FA1					
		Required when FA1 segment is used. Use for Transportation Account Code (TAC) information when available.																
142-01	3001	Breakdown Structure Detail Code (T_3)	M				2	240	M	>1	>1	2	FA1	FA201	1196	M	ID	
		See Section 6 for list of data values.																
142-02	3001	Financial Information Code (T_3)	M	AN	1/80		2	240	M	>1	>1	2	FA1	FA202	1195	M	AN	1/80
		When FA201 contains code value '84', FA202 should be formatted as a dollar amount including a decimal character and two positions after the decimal, representing cents even if the value is a whole dollar amount.																
		[T_3 64/67]																
143	3001	**N1 SEGMENT - Loading Activity**	C				2	290	O	1	4	2	N1					
		SEGMENT CONDITION: Use this segment only to identify the activity loading the consolidated shipment into a SEAVAN/RORO or onto a 463L pallet..							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 										
143-01	3001	Loading Activity Qualifier	M	ID	2/2		2	290	O	1	4	2	N1	N101	98	M	ID	2/3
		LP - Loading Party																
143-03	3001	Loading Activity DoDAAC Qualifier	M	ID	2/2		2	290	O	1	4	2	N1	N103	66	C	ID	1/2
		10 - Department of Defense Activity Address Code (DODAAC)																
143-04	3001	Loading Activity DoDAAC	M	AN	6/6		2	290	O	1	4	2	N1	N104	67	C	AN	2/80
		Enter the DoDAAC of the activity loading the consolidated shipment.							 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.										
		[T_3 9/14]																

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
144	3001	**N1 SEGMENT - Consignee of the Consolidated\<br\>Shipment**	M	2	290	O	1	4	2	N1				
										At least one of N102 or N103 is required.\<br /\>If either N103 or N104 is present, then the other is required.\<br /\>				
144-01	3001	Consignee of the Consolidated Shipment Qualifier CE - Consignee (To receive large parcels and freight)	M ID 2/2	2	290	O	1	4	2	N1	N101	98	M ID 2/3	
144-03	3001	Consignee of the Consolidated Shipment DoDAAC\<br\>Qualifier 10 - Department of Defense Activity Address Code (DODAAC)	M ID 2/2	2	290	O	1	4	2	N1	N103	66	C ID 1/2	
144-04	3001	Consignee of the Consolidated Shipment DoDAAC Enter the DoDAAC for consignee of the consolidated shipment. [T_3 47/52]	M AN 6/6	2	290	O	1	4	2	N1	N104	67	C AN 2/80	
											\<br /\>This segment, used alone, provides the most efficient method of providing organizational\<br\>identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the\<br\>table maintained by the transaction processing party.				
145	5001	**HL SEGMENT - Cargo Attribute/Dimension\<br\>Information (T_5)** LOOP CONDITION: This HL loop is required when describing attribute/dimension information (each T_5) for all Government vehicles, trailers, tracked/wheeled guns, aircraft, and outsize general cargo. Repeat this loop for each Government vehicle, trailer, tracked/wheeled gun, or aircraft. Also repeat this loop for outsize general cargo that exceeds 84 inches in any one of the dimensions. CHANGE NOTE: Change dimension 72" to 84" per DM 890.	C	2	010	M	1	>1	1	HL				
											\<br /\>The HL segment is used to identify levels of detail information using a hierarchical\<br\>structure, such as relating line-item data to shipment data, and packaging data to\<br\>line-item data.\<br /\>The HL segment defines a top-down/left-right ordered structure.				
145-01	5001	Hierarchical (Segment) ID Number Enter the next available HL loop sequential number to uniquely identify each occurrence\<br\>of the HL loop. (The first HL loop in the transaction will have the value '1' in the\<br\>HL01 data element. Increment that value by one for each subsequent new HL loop.)	M AN 1/12	2	010	M	1	>1	1	HL	HL01	628	M AN 1/12	
											\<br /\>HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in\<br\>the transaction set. For example, HL01 could be used to indicate the number of\<br\>occurrences of the HL segment, in which case the value of HL01 would be "1" for the\<br\>initial HL segment and would be incremented by one in each subsequent HL segment within\<br\>the transaction.				
145-02	5001	Hierarchical Parent ID Number Use this element to link this loop with its parent loop. Establish the link by copying\<br\>the hierarchical ID number (HL01) of the DG 1001, DG 2001, or DG 3001 parent HL loop\<br\>here.	M AN 1/12	2	010	M	1	>1	1	HL	HL02	734	O AN 1/12	
											\<br /\>HL02 identifies the hierarchical ID number of the HL segment to which the current HL\<br\>segment is subordinate.				
145-03	5001	Hierarchical Level Code Use '5' to indicate that the HL loop contains information from DTR T_5 records\<br\>corresponding to DG 5001, along with related trailer data corresponding to DG 5013. 5 - Category\<br\>\<br\>\<i\>Use '5' to denote DG 5001 (and related DG 5013) Heirarchical Level.\</i\>	M ID 1/1	2	010	M	1	>1	1	HL	HL03	735	M ID 1/2	
											\<br /\>HL03 indicates the context of the series of segments following the current HL segment\<br\>up to the next occurrence of an HL segment in the transaction. For example, HL03 is\<br\>used to indicate that subsequent segments in the HL loop form a logical grouping of\<br\>data referring to shipment, order, or item-level information.				
146	5001	**VC SEGMENT - Serial Number** SEGMENT CONDITION: Use for shipments of Government vehicles, trailers, tracked/wheeled\<br\>guns, and aircraft.	C	2	080	O	24	>1	1	HL				

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
146-01	5001	Serial Number Enter the Serial Number for each shipment unit. [T_5 68/80]	M AN 1/25	2	080	O	24	>1	1	HL	VC01	539	M	AN	1/25
147	5001	**N9 SEGMENT - Basic Issue Item Pieces** C SEGMENT CONDITION: Applies to Government vehicles, trailers, tracked/wheeled guns, and aircraft.		2	100	O	10	> 1	1	HL					
					At least one of N902 or N903 is required. If N906 is present, then N905 is required. 										
147-01	5001	Basic Issue Item (BII) Qualifier ZZ - Mutually Defined <i>Use 'ZZ' to denote Basic Issue Item Number.</i>	M ID 2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
147-02	5001	Basic Issue Item (BII) Pieces Indicate the number of pieces of BII. (Example: BII02 for two BII items) Occurs once for each shipment unit (T_0/1/4). [T_5 19/19]	M AN 5/5	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
148	5001	**NTE SEGMENT - Model Number** C SEGMENT CONDITION: Applies to Government vehicles, trailers, tracked/wheeled guns, and aircraft.		2	140	O	100	> 1	1	HL					
					 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.										
148-01	5001	Model Number Qualifier OTN - Another Type of Number Description <i>Use 'OTN' to denote Model Number.</i>	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
148-02	5001	Model Number [T_5 9/14]	M AN 1/80	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
149	5001	**NTE SEGMENT - Nomenclature** C SEGMENT CONDITION: Applies to Government vehicles, trailers, wheeled or tracked guns, and aircraft.		2	140	O	100	> 1	1	HL					
					 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.										
149-01	5001	Nomenclature Qualifier EED - Equipment Description <i>Use 'EED' to denote Nomenclature.</i>	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
149-02	5001	Nomenclature Applies to Government vehicles, trailers, tracked/wheeled guns, aircraft, and outsize general cargo. Enter the nomenclature of the item. [T_5 9/14]	M AN 1/80	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80

		DoD INFORMATION			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes													
150	5013	**NTE SEGMENT - Vehicle Year**	C		2	140	O	100	>1	1	HL					
		SEGMENT CONDITION: Use segment for vehicles shipped to Central or South America.				
The NTE segment permits free-form information/data which, under ANSI X12 standard
implementations, is not machine processable. The use of the NTE segment should therefore
be avoided, if at all possible, in an automated environment.										
150-01	5013	Vehicle Year Qualifier	M ID 3/3		2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
		CAR - Other Related Information

<i>Use 'CAR' to denote Vehicle Year.</i>														
150-02	5013	Vehicle Year	M AN 4/4		2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
		Enter Vehicle Year for vehicle shipped to Central/South America. [T_9 54/79]														
151	5013	**NTE SEGMENT - Vehicle Make**	C		2	140	O	100	>1	1	HL					
		SEGMENT CONDITION: Use segment for vehicles shipped to Central or South America.				
The NTE segment permits free-form information/data which, under ANSI X12 standard
implementations, is not machine processable. The use of the NTE segment should therefore
be avoided, if at all possible, in an automated environment.										
151-01	5013	Vehicle Make Qualifier	M ID 3/3		2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
		CBI - Description of Title

<i>Use 'CBI' to denote Vehicle Make.</i>														
151-02	5013	Vehicle Make	M AN 1/25		2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
		Enter Vehicle Make for vehicle shipped to Central/South America. [T_9 54/79]														
152	5001	**L0 SEGMENT - Pieces, Piece Weight, Piece Cube,
and Dimensions**	M		2	145	O	1	20	2	L0					
		Each DG 5001 will contain pieces, piece weight, piece cube, and dimensions. This segment
creates a loop that contains MEA segments.				If either L002 or L003 is present, then the other is required.
If either L004 or L005 is present, then the other is required.
If either L006 or L007 is present, then the other is required.
If either L008 or L009 is present, then the other is required.
If L011 is present, then L004 is required.
If either L013 or L015 is present, then the other is required.
										
152-04	5001	Weight of a Single Piece	M R 1/10		2	145	O	1	20	2	L0	L004	81	C	R	1/10
		Enter weight of the piece (whole number) to which the MEA segment (HL loop position 160)
dimensions apply. [T_5 72/76]														
152-05	5001	Weight Qualifier for a Single Piece G - Gross Weight	M ID 1/1		2	145	O	1	20	2	L0	L005	187	C	ID	1/2

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
152-06	5001	Cube of a Single Piece	M R 1/8			2	145	O	1	20	2	L0	L006	183	C	R	1/8
		Enter cube of the piece (whole number) to which the MEA segment (HL loop position 160) dimensions apply. [T_5 77/80]															
152-07	5001	Cube Qualifier	M ID 1/1			2	145	O	1	20	2	L0	L007	184	C	ID	1/1
		E - Cubic Feet															
152-08	5001	Pieces	M N0 1/7			2	145	O	1	20	2	L0	L008	80	C	N0	1/7
		Enter the number of shipment unit pieces to which the MEA segment (HL loop position 160) dimensions apply. Enter zero (0) for estimated number of pieces. Renumber indices accordingly. CHANGE NOTE: Data element added and L010 removed per DM 778.				 L008 is the number of handling units of the line item tendered to the carrier.											
152-09	5001	Pieces Qualifier	M ID 3/3			2	145	O	1	20	2	L0	L009	211	C	ID	3/3
		PCS - Pieces															
152-11	5001	Gross Weight Units Qualifier	M ID 1/1			2	145	O	1	20	2	L0	L011	188	O	ID	1/1
		L - Pounds															
153	5001	**MEA SEGMENT - Length**	M			2	160	O	10	20	2	L0					
						At least one of MEA03, MEA05, MEA06, or MEA08 is required. If MEA05 is present, then MEA04 is required. If MEA06 is present, then MEA04 is required. If MEA07 is present, then at least one of MEA03, MEA05, or MEA06 is required. Only one of MEA08 or MEA03 may be present. 											
153-01	5001	Dimensions Qualifier	M ID 2/2			2	160	O	10	20	2	L0	MEA01	737	O	ID	2/2
		SD - Shipped Dimensions															
153-02	5001	Length of a Piece(s) Qualifier	M ID 2/2			2	160	O	10	20	2	L0	MEA02	738	O	ID	1/3
		LN - Length															
153-03	5001	Length of a Piece(s) of the Shipment Unit	M R 1/5			2	160	O	10	20	2	L0	MEA03	739	C	R	1/20
		Dimension measured in inches. (T_5 59/59, which equals 'L', is not used in the 858 transaction.) [T_5 54/58]															
154	5001	**MEA SEGMENT - Width**	M			2	160	O	10	20	2	L0					
						At least one of MEA03, MEA05, MEA06, or MEA08 is required. If MEA05 is present, then MEA04 is required. If MEA06 is present, then MEA04 is required. If MEA07 is present, then at least one of MEA03, MEA05, or MEA06 is required. Only one of MEA08 or MEA03 may be present. 											

Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
154-01	5001	Dimensions Qualifier SD - Shipped Dimensions	M	ID	2/2	2	160	O	10	20	2	L0	MEA01	737	O	ID	2/2
154-02	5001	Width of Pieces Qualifier WD - Width	M	ID	2/2	2	160	O	10	20	2	L0	MEA02	738	O	ID	1/3
154-03	5001	Width of a Piece(s) of the Shipment Unit Dimension measured in inches. (T_5 63/63, which equals 'W', is not used in the 858 transaction.) [T_5 60/62]	M	R	1/4	2	160	O	10	20	2	L0	MEA03	739	C	R	1/20
155	5001	**MEA SEGMENT - Height**	M			2	160	O	10	20	2	L0					
							At least one of MEA03, MEA05, MEA06, or MEA08 is required. If MEA05 is present, then MEA04 is required. If MEA06 is present, then MEA04 is required. If MEA07 is present, then at least one of MEA03, MEA05, or MEA06 is required. Only one of MEA08 or MEA03 may be present. 											
155-01	5001	Dimensions Qualifier SD - Shipped Dimensions	M	ID	2/2	2	160	O	10	20	2	L0	MEA01	737	O	ID	2/2
155-02	5001	Height of Pieces Qualifier HT - Height	M	ID	2/2	2	160	O	10	20	2	L0	MEA02	738	O	ID	1/3
155-03	5001	Height of a Piece(s) of the Shipment Unit Dimension measured in inches. (T_5 67/67, which equals 'H', is not used in the 858 transaction.) [T_5 64/66]	M	R	1/4	2	160	O	10	20	2	L0	MEA03	739	C	R	1/20
156	6001	**HL SEGMENT - NSN, Nomenclature, and HAZMAT Information (T_6)** LOOP CONDITION: This HL loop is required when describing entries for an item NSN and a non-hazardous item nomenclature for shipments where the weight of all like items (single NSN) comprises 51 percent or more of the total shipment weight. The loop is also required for shipments when describing HAZMAT codes, ammunition round count, and IMO classification. For other than HAZMAT material, do not use this loop to describe personal effects (personal property), material for sale in stores, and material which is not covered by NSNs. It includes both T_6 and T_9 information. Repeat this loop as required.	C			2	010	M	1	> 1	1		HL					
							 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.											
156-01	6001	Hierarchical (Segment) ID Number Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)	M	AN	1/12	2	010	M	1	>1	1		HL	HL01	628	M	AN	1/12
							 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.											

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
156-02	6001	Hierarchical Parent ID Number	M AN 1/12	2	010	M	1	>1	1	HL	HL02	734	O	AN	1/12
		Use this element to link this loop with its parent loop. Establish the link by copying the hierarchical ID number (HL01) of the DG 1001 parent HL loop here.					 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.									
156-03	6001	Hierarchical Level Code	M ID 1/1	2	010	M	1	>1	1	HL	HL03	735	M	ID	1/2
		Use '6' to indicate that the HL loop contains information from DTR T_6 records corresponding to DG 6001, along with related trailer data corresponding to DG 6016. 6 - Sub-Category <i>Use '6' to denote DG 6001 (and related DG 6016) Heirarchical Level.</i>					 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.									
157	6001	**N9 SEGMENT - National Stock Number (NSN)/Part Number**	C	2	100	O	10	>1	1	HL					
		SEGMENT CONDITION: For a single line item shipment, enter the NSN or the CAGE code and Part number if the NSN is not known. When multiple line items are consolidated and the consolidation container comprises 51 percent or more by weight of a single NSN, enter the NSN (or the CAGE and Part-Number).					At least one of N902 or N903 is required. If N906 is present, then N905 is required. 									
157-01	6001	NSN/Part Number Qualifier	M ID 2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
		NS - National Stock Number PM - Part Number <i>Use 'PM' to denote CAGE + Part Number.</i>														
157-02	6001	NSN/Part Number	M AN 1/30	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
		Enter one NSN or one concatenated CAGE + Part Number (whenever NSN in unavailable) per HL loop. [T_6 54/66]														
158	6001	**NTE SEGMENT - Nomenclature**	C	2	140	O	100	>1	1	HL					
		SEGMENT CONDITION: For a non-hazardous, single line item shipment, enter the Nomenclature of the item. When multiple, non-hazardous line items are consolidated and the consolidation container comprises 51 percent or more by weight of a single NSN, enter the Nomenclature of the items that comprise 51 percent or more of the shipment weight.					 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.									
158-01	6001	Nomenclature Qualifier	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
		ABN - Abbreviated Nomenclature <i>Use 'ABN' to denote Full Available Nomenclature.</i>														
158-02	6001	Nomenclature [T_6 67/80]	M AN 1/80	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80

		DoD INFORMATION			X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
159	6016	**NTE SEGMENT - Protective Service**	C	2	140	O	100	> 1	1	HL				
		SEGMENT CONDITION: Use for transportation protective service requirements in accordance with the descriptions in Appendix Z or LL of the DTR Part II. CHANGE NOTE: Title changed per DM 842.									 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.			
159-01	6016	Protective Service Qualifier	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O ID 3/3	
		CHANGE NOTE: Title changed per DM 842. SSH - Security Service Information <i>Use 'SSH' to denote Protective Service CHANGE NOTE: Code definition changed per DM 842..</i>												
159-02	6016	Protective Service	M AN 1/80	2	140	O	100	>1	1	HL	NTE02	352	M AN 1/80	
		Enter as free-form, abbreviated text the transportation protective service requirements in accordance with the descriptions in Appendix Z or LL of the DTR Part II. CHANGE NOTE: Title and user note changed per DM 842. [T_9 54/79]												
160	6016	**NTE SEGMENT - HAZMAT Goods Packaged Prior to January 1990 Indicator**	C	2	140	O	100	> 1	1	HL				
		SEGMENT CONDITION: The statement: 'GOVERNMENT-OWNED GOODS PACKAGED BEFORE 1 JANUARY 1990' is required if HAZMAT item was originally packaged prior to 1 January 1990.										 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.			
160-01	6016	HAZMAT Goods Package Prior to January 1990 Qualifier	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O ID 3/3	
		VEC - Verification Comments <i>Use 'VEC' to denote HAZMAT Item was Originally Packaged Prior to 1 January 1990.</i>												
160-02	6016	HAZMAT Goods Packaged Prior to January 1990 Indicator	M AN 53/53	2	140	O	100	>1	1	HL	NTE02	352	M AN 1/80	
		Insert the following value: 'GOVERNMENT-OWNED GOODS PACKAGED BEFORE 1 JANUARY 1990'. [T_9 54/79]												
161	6001	**L0 SEGMENT - HAZMAT Ammunition Round Count**	C	2	145	O	1	20	2	L0				
		LOOP CONDITION: Use this segment/loop for ammunition shipments only. This segment is required for X12 compliance to create a loop that contains MEA segments.										If either L002 or L003 is present, then the other is required. If either L004 or L005 is present, then the other is required. If either L006 or L007 is present, then the other is required. If either L008 or L009 is present, then the other is required. If L011 is present, then L004 is required. If either L013 or L015 is present, then the other is required. 			
161-01	6001	Compliance Number	M N0 1/1	2	145	O	1	20	2	L0	L001	213	O N0 1/3	
		Use the value one (1) to satisfy X12 syntax requirement.												

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
162	6001	**MEA SEGMENT - HAZMAT Total Round Count**	C	2	160	O	10	20	2	L0			
		SEGMENT CONDITION: This segment is mandatory for ammunition.		At least one of MEA03, MEA05, MEA06, or MEA08 is required.\ If MEA05 is present, then MEA04 is required.\ If MEA06 is present, then MEA04 is required.\ If MEA07 is present, then at least one of MEA03, MEA05, or MEA06 is required.\ Only one of MEA08 or MEA03 may be present.\ 										
162-01	6001	HAZMAT Total Round Count Qualifier CT - Counts	M ID 2/2	2	160	O	10	20	2	L0	MEA01	737	O ID 2/2
162-03	6001	HAZMAT Total Round Count For ammunition, enter the Total Round Count in the shipment unit. [T_6 9/14]	M R 1/20	2	160	O	10	20	2	L0	MEA03	739	C R 1/20
163	6016	**LH1 SEGMENT - HAZMAT Information** SEGMENT CONDITION: Use a separate LH1 segment/loop for each HAZMAT item.	C	2	170	O	1	100	2	LH1			
163-01	6016	HAZMAT Information Use code value 'ZZ' to satisfy X12 syntax requirements. (Note: The HAZMAT Type Pack Code\ moved to data element LFH02 - HAZMAT Type Pack Code.)\ CHANGE NOTE: Per DM 863 do the following: Rename LH101 data element. Remove reference\ to T_9 54/79. Select code value 'ZZ'. Replace user note as modified by FACTS guidance. ZZ - Mutually Defined	M ID 2/2	2	170	O	1	100	2	LH1	LH101	355	M ID 2/2
				\ LH101 and LH102 are used to convey the number and type of packages for bulk and nonbulk\ movements.										
163-02	6016	HAZMAT Type Pack Quantity For HAZMAT Type Pack Quantity enter the number of packages associated with the type of\ packaging referenced in the LFH (HAZMAT Type Pack Code) segment, data element LFH02.\ CHANGE NOTE: Replace user note as modified by FACTS guidance per DM 863. [T_9 54/79]	M N0 1/7	2	170	O	1	100	2	LH1	LH102	80	M N0 1/7
163-03	6016	HAZMAT UN/NA Number CHANGE NOTE: User note changed per DM 778. ELEMENT CONDITION: As applicable, enter value 'UN', value 'NA', or value 'ID' followed\ by four-position number. SOURCE: Hazardous Materials Regulations of the Department of Transportation by Air,\ Rail, Highway, and Water available from Association of American Railroads Publications [T_9 54/79]	C ID 6/6	2	170	O	1	100	2	LH1	LH103	277	O ID 6/6

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes

Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
163-05	6016	HAZMAT Weight Code describing a commodity or group of commodities. Enter HAZMAT total quantity weight in pounds or kilograms except for Class 1 material which must be the net explosive mass (kilograms). For quantity exceptions, see 49 CFR 172.203. CHANGE NOTE: User note corrected per DM 775. ELEMENT CONDITION: Use when qualifier in LH106 refers to weight. SOURCE: 49 CFR 172.203 [T_9 54/79]	C AN 1/7	2	170	O	1	100	2	LH1	LH105	22	O AN 1/30
163-06	6016	HAZMAT Volume or Weight Qualifier Select single code value from DE 355 to qualify weight or volume carried in either LH105 or LH107. CHANGE NOTE: Specific codes removed and user note modified per DM 826.	M ID 2/2	2	170	O	1	100	2	LH1	LH106	355	O ID 2/2
											 LH106 and LH107 are used to convey the quantity or volume and unit of measure for nonbulk shipments only.		
163-07	6016	HAZMAT Volume Enter HAZMAT total quantity volume value in accordance with the unit of measure noted in LH106 (e.g., cubic feet, gallon). ELEMENT CONDITION: Use when qualifier in LH106 refers to volume. [T_9 54/79]	C R 1/5	2	170	O	1	100	2	LH1	LH107	380	O R 1/15
163-10	6016	HAZMAT Packing Group As applicable, enter value 'I', 'II', or 'III' to denote PGI, PGII, or PGIII, when Packing Group is assigned. CHANGE NOTE: Requirement attributed changed to 'C' and user note replaced per DM 808 SOURCE: The Canadian Gazette, Part II available from Canadian Government Publishing Centre Supply and Services Canada [T_9 54/79]	C ID 1/3	2	170	O	1	100	2	LH1	LH110	254	O ID 1/3
164	6016	**LH2 SEGMENT - HAZMAT Additional Information** SEGMENT CONDITION: Use for HAZMAT additional information as appropriate. Repeat the LH2 segment up to four times to document the UN Class or Division Number for subsidiary hazards.	C	2	180	O	4	100	2	LH1			
											If either LH206 or LH207 is present, then the other is required. If either LH208 or LH209 is present, then the other is required. If either LH210 or LH211 is present, then the other is required. 		
164-01	6016	HAZMAT UN Class or Division Number As appropriate, enter the one- or two-digit hazard class or division number in accordance with 49 CFR or International Maritime Dangerous Goods Code (IMDGC). If two characters, the second position is a decimal value (e.g., 12 implies 1.2). SOURCE: Hazardous Materials Regulations of the Department of Transportation by Air, Rail, Highway, and Water available from Association of American Railroads Publications [T_6 71/72]	C ID 1/2	2	180	O	4	100	2	LH1	LH201	215	O ID 1/30

		DoD INFORMATION						X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
164-05	6016	HAZMAT Reportable Quantity Indicator		C	ID	2/2	2	180	O	4	100	2	LH1	LH205	759	O	ID	2/2
		ELEMENT CONDITION: As appropriate, use to indicate that the hazardous material quantity meets or exceeds the quantity limit listed in 49 CFR. [T_9 54/79] RQ - Reportable Quantity																
164-06	6016	HAZMAT Flashpoint Qualifier		C	ID	2/2	2	180	O	4	100	2	LH1	LH206	355	C	ID	2/2
		ELEMENT CONDITION: Required if HAZMAT Flashpoint applies. CE - Centigrade, Celsius <i>Use 'CE' to denote Centigrade.</i> FA - Fahrenheit													 LH206 and LH207 indicate the flashpoint temperature.				
164-07	6016	HAZMAT Flashpoint		C	R	1/4	2	180	O	4	100	2	LH1	LH207	408	C	R	1/4
		The flashpoint for flammable liquids, in degrees Centigrade (C) or Fahrenheit (F). (For example, '800F' might indicate a closed cup flashpoint of 800 degrees Fahrenheit.) [T_9 54/79]																	
165	6016	**LH3 SEGMENT - HAZMAT Proper Shipping Name**		C			2	190	O	12	100	2	LH1					
		SEGMENT CONDITION: Segment is required for all HAZMAT shipping. If HAZMAT Proper Shipping Name is greater than 25 characters, use additional LH3 segments as required.													If either LH301 or LH302 is present, then the other is required. 				
165-01	6016	HAZMAT Proper Shipping Name		M	AN	1/25	2	190	O	12	100	2	LH1	LH301	224	C	AN	1/25
		Enter Proper Shipping Name. See LFH02 segment (HL loop position 191) to enter the Technical Name when required by regulation. SOURCE: Hazardous Materials Regulations of the Department of Transportation by Air, Rail, Highway, and Water available from Association of American Railroads Publications [T_9 54/79]																	
165-02	6016	HAZMAT Proper Shipping Name Qualifier		M	ID	1/1	2	190	O	12	100	2	LH1	LH302	984	C	ID	1/1
		C - Canadian Shipping Name D - Domestic (United States) Shipping Name I - International Shipping Name																	
166	6016	**LFH SEGMENT - HAZMAT Type Pack Code**		C			2	191	O	20	100	2	LH1					
		SEGMENT CONDITION: Use when LH102 - HAZMAT Type Pack Quantity present. CHANGE NOTE: Segment added (and FACTS guidance applied) per DM 863.													If either LFH05 or LFH06 is present, then the other is required. 				

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
166-01	6016	HAZMAT Shipment Identifier Use code value 'HZC' to identify HAZMAT Type Pack Code segment. HZC - Hazardous Substance Constituents	M ID 3/3	2	191	O	20	100	2	LH1	LFH01	808	M ID 3/3
166-02	6016	HAZMAT Type Pack Code Enter the appropriate ANSI X12 code from TMDS (https://www-tmds.c2.amc.af.mil/TMDS/DTRdata.xsql?result=&view=V_TYPE_PACK&skip=0&max=10) 	M AN 3/3	2 >	191	O	20	100	2	LH1	LFH02	809	M AN 1/25
166-03	6016	HAZMAT Type Pack Description ELEMENT CONDITION: Enter corresponding HAZMAT Type Pack Code description, if applicable. [T_9 54/79]	C AN 1/25	2	191	O	20	100	2	LH1	LFH03	809	O AN 1/25
167	6016	**LFH SEGMENT - HAZMAT Remarks (Radioactive)** SEGMENT CONDITION: Use for Radioactive HAZMAT shipments. CHANGE NOTE: Segment added per DM 803.	C	2	191	O	20	100	2	LH1	If either LFH05 or LFH06 is present, then the other is required. 		
167-01	6016	Additional Basic Description Information Qualifier Use code value 'RAM' when additional information must appear for Radioactive Material according to 49 CFR. RAM - Radioactive Material Data	M ID 3/3	2	191	O	20	100	2	LH1	LFH01	808	M ID 3/3
167-02	6016	Additional Basic Description Information (Radioactive) Enter the appropriate text in quotes as specified by 49 CFR 172.203(d). SOURCE: 49 CFR 172.203(d)	M AN 1/25	2	191	O	20	100	2	LH1	LFH02	809	M AN 1/25

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	**DG**	**Data Name** **Notes and Codes**	**DoD Recommended Attributes**			**Tabl**	**Pos**	**Req Des**	**Max Use**	**Lp Rpt**	**Lp Lvl**	**Lp ID**	**Ref Des**	**DE #**	**Attributes**
167-05	6016	Radioactive Unit of Measure Code	M	ID	2/2	2	191	O	20	100	2	LH1	LFH05	355	C ID 2/2
		08 - Heat Lots <i>Use '08' to denote Nanocurie.</i> 09 - Tire <i>Use '09' to denote Terabecquerels.</i> 2Q - Kilobecquerel 2R - Kilocurie 4D - Curie 4N - Megabecquerel G4 - Gigabecquerel M5 - Microcurie MU - Millicurie R2 - Becquerel													
167-06	6016	Radioactive Activity Level	M	R	1/15	2	191	O	20	100	2	LH1	LFH06	380	C R 1/15
		Enter Radioactive Activity Level.				 LFH06 indicates activity of the radioactive material.									
167-07	6016	Transport Index of Radioactive Material	C	R	1/15	2	191	O	20	100	2	LH1	LFH07	380	O R 1/15
		ELEMENT CONDITION: Enter Transport Index if required.				 LFH07 indicates transport index of the radioactive material.									
168	6016	**LFH SEGMENT - HAZMAT Technical Name**	C			2	191	O	20	100	2	LH1			
		SEGMENT CONDITION: Required when Proper Shipping Name (PSN) contains a Technical Name in parentheses immediately following the PSN. If HAZMAT Technical Name is greater than 25 characters, use additional LFH segments as required.				If either LFH05 or LFH06 is present, then the other is required. 									
168-01	6016	HAZMAT Technical Name Qualifier	M	ID	3/3	2	191	O	20	100	2	LH1	LFH01	808	M ID 3/3
		TEC - Technical or Chemical Group Name													
168-02	6016	HAZMAT Technical Name	M	AN	1/25	2	191	O	20	100	2	LH1	LFH02	809	M AN 1/25
		Enter the technical name of the HAZMAT material. [T_9 54/79]													
169	6016	**LFH SEGMENT - HAZMAT Waste Indicator**	C			2	191	O	20	100	2	LH1			
		SEGMENT CONDITION: Required if the hazardous material is defined as waste.				If either LFH05 or LFH06 is present, then the other is required. 									
169-01	6016	HAZMAT Waste Indicator Qualifier	M	ID	3/3	2	191	O	20	100	2	LH1	LFH01	808	M ID 3/3
		WST - Waste Declaration													

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
169-02	6016	HAZMAT Waste Indicator Enter the value 'WASTE' if the hazardous material is defined as waste. [T_9 54/79]	M	AN	5/5		2	191	O	20	100	2	LH1	LFH02	809	M AN	1/25
170	6016	**LFH SEGMENT - HAZMAT Limited Quantity Indicator** SEGMENT CONDITION: Required when the hazardous material is defined as limited.	C				2	191	O	20	100	2	LH1	If either LFH05 or LFH06 is present, then the other is required. 			
170-01	6016	HAZMAT Limited Quantity Indicator Qualifier LQY - "Limited Quantity" Declaration	M	ID	3/3		2	191	O	20	100	2	LH1	LFH01	808	M ID	3/3
170-02	6016	HAZMAT Limited Quantity Indicator Include the words 'Limited Quantity' or 'LTD QTY' when the material is defined as such. [T_9 54/79]	M	AN	1/25		2	191	O	20	100	2	LH1	LFH02	809	M AN	1/25
171	6016	**LFH SEGMENT - HAZMAT Cargo Aircraft Only Indicator** SEGMENT CONDITION: Required for HAZMAT cargo on military air transportation when the applicable passenger 'P' code is indicated in accordance with AFMAN 24-204(I)/TM 38-250/MCO P4030.19H/NAVSUP Pub 505/DLAI 4145.3, "Preparing Hazardous Materials for Military Air Shipments."	C				2	191	O	20	100	2	LH1	If either LFH05 or LFH06 is present, then the other is required. 			
171-01	6016	HAZMAT Cargo Aircraft Only Indicator Qualifier CAO - Cargo Airlift Only	M	ID	3/3		2	191	O	20	100	2	LH1	LFH01	808	M ID	3/3
171-02	6016	HAZMAT Cargo Aircraft Only Indicator Enter value 'Cargo Aircraft Only'. [T_9 54/79]	M	AN	19/19		2	191	O	20	100	2	LH1	LFH02	809	M AN	1/25
172	6016	**LFH SEGMENT - HAZMAT Toxic Inhalation Zone Code** SEGMENT CONDITION: Required for toxic inhalation materials.	C				2	191	O	20	100	2	LH1	If either LFH05 or LFH06 is present, then the other is required. 			
172-01	6016	HAZMAT Toxic Inhalation Materials Indicator Qualifier PIH - "Poison - Inhalation Hazard" Declaration	M	ID	3/3		2	191	O	20	100	2	LH1	LFH01	808	M ID	3/3
172-02	6016	HAZMAT Toxic Inhalation Materials Indicator Use the value 'Toxic Inhalation Hazard ' followed by value 'Zone A', 'Zone B', 'Zone C', or 'Zone D' for gases or value 'Zone A' or 'Zone B' for liquids, depending on the zone selected in LFH04. The word 'toxic' is not required if already included as part of the PSN. [T_9 54/79]	M	AN	24/24		2	191	O	20	100	2	LH1	LFH02	809	M AN	1/25

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Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes		
172-04	6016	HAZMAT Toxic Inhalation Zone Code	M	ID	1/1		2	191	O	20	100	2	LH1	LFH04	1023	O	ID	1/1	
		Indicate the appropriate hazard zone to affix to entry in LFH02. A - Hazard Zone A B - Hazard Zone B C - Hazard Zone C D - Hazard Zone D																	
173	6001	**LHR SEGMENT - HAZMAT DoDIC/IMO Designation**	C				2	210	O	10	100	2	LH1						
		SEGMENT CONDITION: Required for all hazardous materials.																	
173-01	6001	HAZMAT DoDIC/IMO Designation Qualifier	M	ID	2/2		2	210	O	10	100	2	LH1	LHR01	128	M	ID	2/3	
		1I - Department of Defense Identification Code (DoDIC) <i>Use '1I' to denote Ammunition, Ammunition Components, and Explosives.</i> ZZ - Mutually Defined <i>Use 'ZZ' to denote Other HAZMAT.</i>																	
173-02	6001	HAZMAT DoDIC/IMO Designation	M	AN	3/4		2	210	O	10	100	2	LH1	LHR02	127	M	AN	1/30	
		For ammunition, ammunition components, and explosives, enter the Department of Defense Identification Code (DoDIC). For other HAZMAT, enter the letters 'IMO'. [T_6 67/70]																	
174	6001	**LHR SEGMENT - HAZMAT Compatibility Group Code**	C				2	210	O	10	100	2	LH1						
		SEGMENT CONDITION: Required for ammunition and explosives.																	
174-01	6001	HAZMAT Compatibility Group Code Qualifier	M	ID	2/2		2	210	O	10	100	2	LH1	LHR01	128	M	ID	2/3	
		6P - Group Number																	
174-02	6001	HAZMAT Compatibility Group Code	M	AN	1/1		2	210	O	10	100	2	LH1	LHR02	127	M	AN	1/30	
		[T_6 80/80]																	
175	6001	**LHR SEGMENT - HAZMAT Special Approval Number**	C				2	210	O	10	100	2	LH1						
		SEGMENT CONDITION: A Special Approval (DOT Special Permit, CAA, COE, or DoD packaging waiver) number must be entered if applicable.																	
175-01	6001	HAZMAT Special Approval Number Qualifier	M	ID	2/2		2	210	O	10	100	2	LH1	LHR01	128	M	ID	2/3	
		HN - Hazardous Certification Number <i>Use 'HN' to denote Special Approval Number.</i>																	

Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
175-02	6001	HAZMAT Special Approval Number	M AN 1/26	2	210	O	10	100	2	LH1	LHR02	127	M AN 1/30
		Enter Special Approval (DOT Special Permit, CAA, COE, or DoD packaging waiver) Number. [T_9 54/79]											
176	7001	**HL SEGMENT - NEW, Ammunition, Explosives, or Lot Information (T_7)**	C	2	010	M	1	>1	1	HL			
		LOOP CONDITION: This HL loop is required when describing entries for NEW, ammunition, explosives, or lot information. If the shipment unit contains more than one lot, make a separate loop for each lot.									 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.			
176-01	7001	Hierarchical (Segment) ID Number	M AN 1/12	2	010	M	1	>1	1	HL	HL01	628	M AN 1/12
		Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)									 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.			
176-02	7001	Hierarchical Parent ID Number	M AN 1/12	2	010	M	1	>1	1	HL	HL02	734	O AN 1/12
		Use this element to link this loop with its parent loop. Establish the link by copying the hierarchical ID number (HL01) of the DG 1001 parent HL loop here.									 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.			
176-03	7001	Hierarchical Level Code	M ID 1/1	2	010	M	1	>1	1	HL	HL03	735	M ID 1/2
		Use '7' to indicate that the HL loop contains information from DTR T_7 records corresponding to DG 7001 7 - Type <i>Use '7' to denote DG 7001 Heirarchical Level.</i>									 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.			
177	7001	**L0 SEGMENT - Lot Number Information**	M	2	145	O	1	20	2	L0			
		Each L0 segment reflects the round count, weight, and cube of the lot or shipment unit being described. If a shipment unit contains multiple lots, create additional HL loops with associated information for each lot.									If either L002 or L003 is present, then the other is required. If either L004 or L005 is present, then the other is required. If either L006 or L007 is present, then the other is required. If either L008 or L009 is present, then the other is required. If L011 is present, then L004 is required. If either L013 or L015 is present, then the other is required. 			
177-04	7001	Weight per Lot Number	C R 1/10	2	145	O	1	20	2	L0	L004	81	C R 1/10
		ELEMENT CONDITION: Enter the total shipping weight (L011) of the MIL-STD-129 defined unit packs for the Lot Number or for that part of the shipment unit that does not have a Lot Number. [T_7 72/76]												
177-05	7001	Weight Qualifier	C ID 1/1	2	145	O	1	20	2	L0	L005	187	C ID 1/2
		ELEMENT CONDITION: Required if L004 is used. G - Gross Weight												

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Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	

177-06	7001	Cube per Lot Number All cube entries should be rounded to whole numbers. CHANGE NOTE: Reference to whole numbers added per DM 814. ELEMENT CONDITION: Enter the total cube (L007) of the MIL-STD-129 defined unit packs for the Lot Number or for that part of the shipment unit that does not have a Lot Number. [T_7 68/71]	C R 1/8	2	145	O	1	20	2	L0	L006	183	C R 1/8	
177-07	7001	Cube per Lot Number Qualifier ELEMENT CONDITION: Required if L006 is used. E - Cubic Feet	C ID 1/1	2	145	O	1	20	2	L0	L007	184	C ID 1/1	
177-08	7001	Round Count per Lot Number ELEMENT CONDITION: Enter the number of munitions pieces (Round Count) for the Lot Number or for that part of the shipment unit that does not have a Lot Number.	C N0 1/7	2	145	O	1	20	2	L0	L008	80	C N0 1/7	
											 L008 is the number of handling units of the line item tendered to the carrier.			
177-09	7001	Round Count per Lot Number Qualifier ELEMENT CONDITION: Required if L008 is used. AMM - Ammo Pack <i>Use 'AMM' to denote Round Count.</i>	C ID 3/3	2	145	O	1	20	2	L0	L009	211	C ID 3/3	
177-10	7001	Lot Number Enter the Lot Number or, if no Lot Number is available, enter value 'NO LOT NUMBER'. [T_7 54/67]	M AN 2/25	2	145	O	1	20	2	L0	L010	458	O AN 2/25	
177-11	7001	Weight Unit Qualifier L - Pounds	C ID 1/1	2	145	O	1	20	2	L0	L011	188	O ID 1/1	
178	7001	**MEA SEGMENT - NEW** SEGMENT CONDITION: Use this segment for Class/Division 1.1, 1.2, 1.3, 1.4 munitions to show the NEW for each Lot Number identified in L010 or for that part of the shipment unit that does not have a Lot Number. Use segment only once per Lot Number or shipment unit. If L010 contains value 'NO LOT NUMBER', enter NEW for shipment unit.	C	2	160	O	10	20	2	L0				
											At least one of MEA03, MEA05, MEA06, or MEA08 is required. If MEA05 is present, then MEA04 is required. If MEA06 is present, then MEA04 is required. If MEA07 is present, then at least one of MEA03, MEA05, or MEA06 is required. Only one of MEA08 or MEA03 may be present. 			
178-01	7001	NEW Qualifier NX - Net Explosive Weight	M ID 2/2	2	160	O	10	20	2	L0	MEA01	737	O ID 2/2	

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	D G	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
178-03	7001	Net Explosive Weight If Net Explosive Weight is available for an individual line item, carry that weight in this data element. Entry many contain a decimal; if not, decimal is assumed at right-most point of the field. [T_7 9/14]	M R 1/10		2	160	O	10	20	2	L0	MEA03	739	C R 1/20		
178-04	7001	Composite Unit of Measure C00101 calls for an identifier from the DE 355 code list. The element separator is not used in this template. Its elements are concatenated together without using a delimiter. MEA04, Composite Unit of Measure, mandatory when the MEA01 = NX	M CE		2	160	O	10	20	2	L0	MEA04	C001	C CE		
178-04-01	7001	Unit or Bases for Measurement Code KG – Kilogram LB - Pound	M ID 2/2		2	160	O	10	20	2	L0	C00101	355	C CE 2/2		
179	8001	**HL SEGMENT - Personal Property (T_8)** LOOP CONDITION: This HL loop is required when describing entries for household goods, baggage, or POV.	C		2	010	M	1	> 1	1	HL					
												 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.				
179-01	8001	Hierarchical (Segment) ID Number Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)	M AN 1/12		2	010	M	1	> 1	1	HL	HL01	628	M AN 1/12		
												 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.				
179-02	8001	Hierarchical Parent ID Number Use this element to link this loop with its parent loop. Establish the link by copying the hierarchical ID number (HL01) of the DG 1001 parent HL loop here.	M AN 1/12		2	010	M	1	> 1	1	HL	HL02	734	O AN 1/12		
												 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.				
179-03	8001	Hierarchical Level Code Use '8' to indicate that the HL loop contains information from DTR T_8 records corresponding to DG 8001, along with related trailer data corresponding to DG 8013 and DG 8017. 8 - Charge Detail <i>Use '8' to denote DG 8001 (and related DG 8013 and DG 8017) Heirarchical Level.</i>	M ID 1/1		2	010	M	1	> 1	1	HL	HL03	735	M ID 1/2		
												 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.				
180	8001	**N9 SEGMENT - Type of Personal Property Shipment Code** SEGMENT CONDITION: Use when describing personal property.	C		2	100	O	10	> 1	1	HL					
												At least one of N902 or N903 is required. If N906 is present, then N905 is required. 				
180-01	8001	Type of Personal Property Shipment Code Qualifier HHT - Type of Household Goods Code	M ID 3/3		2	100	O	10	> 1	1	HL	N901	128	M ID 2/3		
180-02	8001	Type of Personal Property Shipment Code Select the applicable Personal Property Shipment Code from the TRANSCOM Reference Data Management table Personal-Property-Shipment_Unit TCN Type Code Domain (D_PRSNL_PRPRTY_S2_CD), mirrored at http://www.ustranscom.mil/cmd/associated/dteb/files/refdata/V_D_PRSNL_PRPRTY_S2_CD.htm" [T_8 71/71]	M AN 1/1		2	100	O	10	> 1	1	HL	N902	127	C AN 1/30		

181	8001	**N9 SEGMENT - Household Goods and Baggage Carrier SCAC**	C		2	100	O	10	> 1	1	HL
		SEGMENT CONDITION: Required if ITGBL code is 'T', 'J', or '5'.				At least one of N902 or N903 is required. If N906 is present, then N905 is required. 					

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
181-01	8001	Household Goods and Baggage Carrier SCAC Qualifier M ID 3/3			2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
		SCA - Standard Carrier Alpha Code (SCAC)														
181-02	8001	Household Goods and Baggage Carrier SCAC M AN 2/4			2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
		Enter HHG and Baggage Carrier SCAC.														
		[T_8 77/80]														
182	8001	**N9 SEGMENT - POV** C **License Plate Number**			2	100	O	10	> 1	1	HL					
		SEGMENT CONDITION: Use when describing POVs.			At least one of N902 or N903 is required. If N906 is present, then N905 is required. 											
182-01	8001	POV License Plate Number Qualifier M ID 2/2			2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
		LV - License Plate Number														
182-02	8001	POV License Plate Number M AN 1/15			2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
		Enter full plate letters/numbers of license plate.														
		[T_8 73/77]														
182-03	8001	POV License Plate - U.S. State Abbreviation M AN 2/2			2	100	O	10	>1	1	HL	N903	369	C	AN	1/45
		Enter abbreviation for state issuing vehicle license plate. If none, enter NO.														
		[T_8 71/72]														
183	8001	**L5 SEGMENT - POV** C **Make and Color**			2	130	O	10	> 1	1	HL					
		SEGMENT CONDITION: Required when describing Privately-Owned Vehicle (POV).			If either L503 or L504 is present, then the other is required. If L507 is present, then L506 is required. If either L508 or L509 is present, then the other is required. 											
183-02	8001	POV Make M AN 1/25			2	130	O	10	>1	1	HL	L502	79	O	AN	1/50
		Enter the first 25 letters of the POV make.			 L502 may be used to send quantity information as part of the product description.											
		[T_8 11/14]														
		Sample Values: CHEVROLET, FORD, PLYMOUTH														
183-06	8001	POV Color C AN 3/20			2	130	O	10	>1	1	HL	L506	87	C	AN	1/48
		Enter predominate POV color.														
		[T_8 78/80]														
		Sample Values: black, blue, red														
184	8001	**NTE SEGMENT - POV** C **Year**			2	140	O	100	> 1	1	HL					
		SEGMENT CONDITION: Required when describing POV.			 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.											

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes		
184-01	8001	POV Year Qualifier	M ID 3/3		2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
		Required if L008 is used. CHANGE NOTE: Change code definition per DM 847. CAR - Other Related Information <i>Use 'CAR' to denote Vehicle Year.</i>															
184-02	8001	POV Year	M AN 4/4		2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
		Enter POV year. [T_8 9/14]															
185	8013	**NTE SEGMENT - Personal Property GBL (PPGBL)** C			2	140	O	100	> 1	1	HL					
		SEGMENT CONDITION: Use for property shipped under a Personal Property GBL (PPGBL).										 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.					
185-01	8013	PPGBL Qualifier	M ID 3/3		2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
		BOL - Bill of Lading Note <i>Use 'BOL' to denote PPGBL.</i>															
185-02	8013	PPGBL Number	M AN 1/26		2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
		Enter origin PPGBL Number. [T_9 54/79]															
186	8013	**NTE SEGMENT- PPGBL Origin Carrier Name** C			2	140	O	100	> 1	1	HL					
		SEGMENT CONDITION: Use for property shipped under a PPGBL.										 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.					
186-01	8013	PPGBL Origin Carrier Name Qualifier	M ID 3/3		2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
		AAA - Agent Details <i>Use 'AAA' to denote PPGBL Origin Carrier Name.</i>															
186-02	8013	PPGBL Origin Carrier Name	M AN 1/80		2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
		Enter name of origin carrier. [T_9 54/79]															

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
187	8017	**NTE SEGMENT - USAF TDY Travel Order Number and ADSN/Fiscal Station Number**	C	2	140	O	100	>1	1	HL				
		SEGMENT CONDITION: Required for unaccompanied baggage of TDY USAF personnel, military and civilian, to list the travel order number and the Accounting Disbursing Station Number (ADSN)/fiscal station number from the DD Form 1610, "Request and Authorization TDY Travel of DoD Personnel."												
		Use additional NTE segments, as required, to list the organization and address that issued the orders, including sufficient data to allow Air Mobility Command (AMC) billing.			 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.										
187-01	8017	Travel Order Number and ADSN/Fiscal Station Number Qualifier	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O ID 3/3	
		ORI - Order Instructions <i>Use 'ORI' to denote Travel Order Number and ADSN/Fiscal Station Number.</i>												
187-02	8017	Travel Order Number and ADSN/Fiscal Station Number	M AN 1/80	2	140	O	100	>1	1	HL	NTE02	352	M AN 1/80	
		Enter the Travel Order Number and the ADSN/Fiscal Station Number from the DD Form 1610, "Request and Authorization for TDY Travel of DoD Personnel." [T_9 54/79]												
188	8001	**L0 SEGMENT - DPM Shipment Net Weight**	C	2	145	O	1	20	2	L0				
		SEGMENT CONDITION: Use for DPM shipments from activities OCONUS (outside CONUS) to CONUS.			If either L002 or L003 is present, then the other is required. If either L004 or L005 is present, then the other is required. If either L006 or L007 is present, then the other is required. If either L008 or L009 is present, then the other is required. If L011 is present, then L004 is required. If either L013 or L015 is present, then the other is required. 										
188-04	8001	DPM Shipment Net Weight	M R 1/10	2	145	O	1	20	2	L0	L004	81	C R 1/10	
		Activities OCONUS, enter net weight of DPM shipments to CONUS. [T_8 72/76]												
188-05	8001	DPM Shipment Net Weight Qualifier	M ID 1/1	2	145	O	1	20	2	L0	L005	187	C ID 1/2	
		N - Actual Net Weight												
189	8001	**NM1 SEGMENT - Personal Property Owner**	M	2	260	O	1	4	2	NM1				
					If either NM108 or NM109 is present, then the other is required. If NM111 is present, then NM110 is required. 										
189-01	8001	Personal Property Owner Identifier Code	M ID 2/2	2	260	O	1	4	2	NM1	NM101	98	M ID 2/3	
		OW - Owner of Property or Unit												
189-02	8001	Personal Property Owner Qualifier	M ID 1/1	2	260	O	1	4	2	NM1	NM102	1065	M ID 1/1	
		1 - Person												

Index	DG	DoD INFORMATION Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
189-03	8001	Personal Property Owner's Last Name [T_8 54/66]	M	AN	1/35	2	260	O	1	4	2	NM1	NM103	1035	O	AN	1/35
189-04	8001	Personal Property Owner's First Name If available use full first name, otherwise use initial. [T_8 67/67]	M	AN	1/25	2	260	O	1	4	2	NM1	NM104	1036	O	AN	1/25
189-05	8001	Personal Property Owner's Middle Name/Initial Enter middle name or initial. [T_8 68/68]	C	AN	1/25	2	260	O	1	4	2	NM1	NM105	1037	O	AN	1/25
189-08	8001	Grade Code Qualifier ZZ - Mutually Defined <i>Use 'ZZ' to denote Grade Code.</i>	M	ID	2/2	2	260	O	1	4	2	NM1	NM108	66	C	ID	1/2
189-09	8001	Military/Civilian Grade Code Insert the applicable pay grade code. See DTR Part II, Appendix FF for a listing of valid civilian and military codes. [T_8 69/70]	M	AN	2/2	2	260	O	1	4	2	NM1	NM109	67	C	AN	2/80
190	8017	**N3 SEGMENT - Additional Consignee Address (T_9)** SEGMENT CONDITION: Use this segment/loop to describe up to four Additional Consignee Address (T_9) lines for property consigned to a civil address.	C			2	270	O	2	4	2	NM1					
190-01	8017	Additional Consignee Address Enter clear text address information for consignee. [T_9 54/79]	M	AN	1/35	2	270	O	2	4	2	NM1	N301	166	M	AN	1/55
190-02	8017	Additional Consignee Address Enter additional clear text address information for consignee. [T_9 54/79]	C	AN	1/35	2	270	O	2	4	2	NM1	N302	166	O	AN	1/55
191	9013	**HL SEGMENT - General Miscellaneous Information (T_9)** LOOP CONDITION: This HL loop is required when describing general miscellaneous information not otherwise detailed.	C			2	010	M	1	> 1	1	HL	 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.				

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
191-01	9013	Hierarchical (Segment) ID Number	M AN 1/12		2	010	M	1	>1	1	HL	HL01	628	M AN 1/12
		Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)										 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.			
191-02	9013	Hierarchical Parent ID Number	M AN 1/12		2	010	M	1	>1	1	HL	HL02	734	O AN 1/12
		Use this element to link this loop with its parent loop. Establish the link by copying the hierarchical ID number (HL01) of the DG 1001, DG 2001, or DG 3001 parent HL loop here.										 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.			
191-03	9013	Hierarchical Level Code	M ID 1/1		2	010	M	1	>1	1	HL	HL03	735	M ID 1/2
		Use '9' to indicate that the HL loop contains information from DTR T_9 records (trailer data) corresponding to DG 9013. 9 - Line Detail <i>Use '9' to denote DG 9013 Heirarchical Level.</i>										 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.			
192	9013	**REF SEGMENT - Classified Shipment Container Number**	C		2	060	O	5	> 1	1	HL			
		SEGMENT CONDITION: Use for Classified Shipment Container Number. Repeat segment for each different container number.										At least one of REF02 or REF03 is required. 			
192-01	9013	Classified Shipment Container Number Qualifier	M ID 2/3		2	060	O	5	>1	1	HL	REF01	128	M ID 2/3
		98 - Container/Packaging Specification Number <i>Use '98' to denote Classified Shipment Container Number.</i>													
192-02	9013	Classified Shipment Container Number	M AN 1/30		2	060	O	5	>1	1	HL	REF02	127	C AN 1/30
		Enter container number. For ISO containers (e.g., SEAVANs) enter all 11 characters of the container ID number (owner code, serial number, check digit). [T_9 54/79]													
193	9013	**REF SEGMENT - Controlled Inventory Item Code (CIIC)**	C		2	060	O	5	> 1	1	HL			
		SEGMENT CONDITION: Required for all DoD managed inventory items that have a CIIC assigned. CHANGE NOTE: Segment added per DM 842.										At least one of REF02 or REF03 is required. 			
193-01	9013	Controlled Inventory Item Code Qualifier	M ID 2/2		2	060	O	5	>1	1	HL	REF01	128	M ID 2/3
		8R - Security Type <i>Use '8R' to denote Controlled Inventory Item Code.</i>													

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
193-02	9013	Controlled Inventory Item Code Enter CIIC from the authoritative code source, DoD 4100.39R (FLIS Manual) Volume 10, Table 61.	C AN 1/1	2	060	O	5	>1	1	HL	REF02	127	C AN 1/30	
194	9013	**N9 SEGMENT - Classified Shipment Seal Number** SEGMENT CONDITION: Use for Classified Shipment Container Seal Number. Repeat segment for each different seal number.	C	2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 			
194-01	9013	Classified Shipment Seal Number Qualifier SN - Seal Number <i>Use 'SN' to denote Classified Shipment Seal Number.</i>	M ID 2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3	
194-02	9013	Classified Shipment Seal Number Enter seal number. [T_9 54/79]	M AN 1/30	2	100	O	10	>1	1	HL	N902	127	C AN 1/30	
195	9013	**N9 SEGMENT - Serial Shipping Container Code (SSCC)** SEGMENT CONDITION: Use when shipment is marked with a Serial Shipping Container Code (SSCC).	C	2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 			
195-01	9013	SSCC Qualifier LA - Shipping Label Serial Number <i>Use 'LA' to denote SSCC.</i>	M ID 2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3	
195-02	9013	SSCC Enter SSCC (numeric value). [T_9 54/79]	M AN 18/18	2	100	O	10	>1	1	HL	N902	127	M AN 1/30	
196	9013	**NTE SEGMENT - General Miscellaneous and Pertinent Information** SEGMENT CONDITION: Use this segment for pertinent information, including clear text data and in-the-clear consignee address information, necessary for shipment but not detailed in other data entries. Also used for water manifest supercargo passenger (Table 203-22) information and for dunnage and lashing disposition instructions (Table 203-20).	C	2	140	O	100	>1	1	HL	 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.			
196-01	9013	General Miscellaneous and Pertinent Information Qualifier ADD - Additional Information	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O ID 3/3	

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
196-02	9013	General Miscellaneous and Pertinent Information Enter clear text miscellaneous data here. [T_9 54/79]	M AN 1/80	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
197	9013	**NTE SEGMENT - Unit Deployment Information (ULN):** SEGMENT CONDITION: Required for unit move cargo to identify unit line number (ULN) deployment information for unit move TCNs.	C	2	140	O	100	> 1	1	HL					
197-01	9013	ULN Qualifier OTN - Another Type of Number Description <i>Use 'OTN' to denote Unit Line Number for a TPFDD Move.</i>	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
197-02	9013	ULN Enter the unit line number. [T_9 58/64]	M AN 5/7	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
198	9013	**NTE SEGMENT - Transportation Tracking** C **Account Number (TTAN)** SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Account Number is applicable. CHANGE NOTE: Segment added per DM 888.		2	140	O	100	> 1	1	HL					
198-01	9013	Transportation Tracking Account Number (TTAN) Qualifier TCF - Tariff Commodity Footnotes <i>Use 'TCF' to denote Transportation Tracking Account Number (TTAN).</i>	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
198-02	9013	Transportation Tracking Account Number (TTAN)	M AN 13/13	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
199	9013	**NTE SEGMENT - Unit Identification Code** C **(UIC)** SEGMENT CONDITION: Used to identify Unit Identification Code (UIC) deployment information for unit move TCNs. Also used for water manifest supercargo passengers.		2	140	O	100	> 1	1	HL					
199-01	9013	UIC Qualifier OTH - Other Instructions <i>Use 'OTH' to denote Unit Identification Code.</i>	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3

The NTE segment permits free-form information/data which, under ANSI X12 standard
implementations, is not machine processable. The use of the NTE segment should therefore
be avoided, if at all possible, in an automated environment. *(appears for segments 197, 198, 199)*

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes
199-02	9013	UIC Enter the UIC. [TXJ 9/14],[TXR 9/14]	M AN 1/80	2	140	O	100	>1	1	HL	NTE02	352	M	AN 1/80
200	9013	**NTE SEGMENT - Not Otherwise Specified (NOS) Type Cargo** C SEGMENT CONDITION: Required when Not Otherwise Specified (NOS) cargo description applies.		2	140	O	100	> 1	1	HL	 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.			
200-01	9013	NOS Qualifier ZZZ - Mutually Defined <i>Use 'ZZZ' to denote NOS Type Cargo.</i>	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID 3/3
200-02	9013	Description of NOS Type Cargo Code [T_9 54/79]	M AN 1/80	2	140	O	100	>1	1	HL	NTE02	352	M	AN 1/80
201	9013	**NTE SEGMENT - Liquor Type** C SEGMENT CONDITION: Use when type of liquor entry applies.		2	140	O	100	> 1	1	HL	 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.			
201-01	9013	Liquor Type Qualifier LIQ - Liquor Information <i>Use 'LIQ' to denote Type of Liquor.</i>	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID 3/3
201-02	9013	Liquor Information Enter type of Liquor. [T_9 54/79] Sample Values: gin, rye	M AN 1/80	2	140	O	100	>1	1	HL	NTE02	352	M	AN 1/80
202	9013	**NTE SEGMENT - Liquor Bottle Size** C SEGMENT CONDITION: Use when Liquor Bottle Size entry applies.		2	140	O	100	> 1	1	HL	 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.			
202-01	9013	Liquor Bottle Size Qualifier CAI - General Business Description <i>Use 'CAI' to denote Liquor Bottle Size.</i>	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID 3/3

		DoD INFORMATION					X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes		
202-02	9013	Liquor Bottle Size Enter Liquor Bottle Size. [T_9 54/79]	M	AN	1/80	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
203	9013	**NTE SEGMENT - Liquor Bottles per Case** SEGMENT CONDITION: Use when Liquor Bottles per Case entry applies.	C			2	140	O	100	> 1	1	HL						
							 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.											
203-01	9013	Liquor Bottles per Case Qualifier CAC - Relationship Information <i>Use 'CAC' to denote Liquor Bottles per Case.</i>	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
203-02	9013	Liquor Bottles per Case Enter number of Liquor Bottles per Case. [T_9 54/79]	M	AN	1/2	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
204	9013	**NTE SEGMENT - Cigarette Information** SEGMENT CONDITION: Use for shipment of cigarettes.	C			2	140	O	100	> 1	1	HL						
							 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.											
204-01	9013	Cigarette Information Qualifier CIG - Cigarette Information	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
204-02	9013	Cigarette Information Enter the number of cartons per case. [T_9 54/79]	M	AN	1/3	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
205	9013	**NTE SEGMENT - CONUS to Hawaii/Guam Rating Information** SEGMENT CONDITION: Use for shipments between CONUS and Hawaii or Guam to carry the clear text National Motor Freight Classification or Standard Transportation Commodity Code description of the highest rated article in the shipment unit other than HAZMAT.	C			2	140	O	100	> 1	1	HL						
							 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.											
205-01	9013	CONUS to Hawaii/Guam Rating Information Qualifier OCR - Outside the Continental U.S. (OCONUS) Rating Information <i>Use 'OCR' to denote CONUS to Hawaii/Guam Rating Information.</i>	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3

		DoD INFORMATION		X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
205-02	9013	CONUS to Hawaii/Guam Rating Information M AN 1/80 Enter the clear text National Motor Freight Classification or Standard Transportation Commodity Code description of the highest rated article in the shipment unit. [T_9 54/79]		2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
206	9013	**NTE SEGMENT - Active RFID Tag** C **Serial Number** SEGMENT CONDITION: Use to indicate the serial number of the active RFID tag attached to the shipment unit.		2	140	O	100	>1	1	HL					
											 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.					
206-01	9013	Active RFID Tag Serial Number Qualifier M ID 3/3 CHANGE NOTE: Change code value from 'CAR' to 'RFL' per DM 847. RFL - Reason for Leaving <i>Use 'RFL' to denote Active RFID Tag Serial Number.</i>		2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
206-02	9013	Active RFID Tag Serial Number M AN 1/32 Enter the active RFID tag serial number used for in transit visibility tracking of the tag. CHANGE NOTE: Length attribute changed to 1/32 per DM 1002. [T_9 54/79]		2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
207	9013	**NM1 SEGMENT - Clear Text** C **Consignee Address Name** SEGMENT CONDITION: This segment shows the first line of the address, which may be an organization's name or individual's name.		2	260	O	1	4	2	NM1					
											If either NM108 or NM109 is present, then the other is required. If NM111 is present, then NM110 is required. 					
207-01	9013	Clear Text Consignee Address Qualifier M ID 2/2 CN - Consignee <i>Use 'CN' to denote Clear Text Consignee Address.</i>		2	260	O	1	4	2	NM1	NM101	98	M	ID	2/3
207-02	9013	Clear Text Consignee Address Name M ID 1/1 Qualifier 6 - Organization <i>Use '6' to denote Clear Text Consignee Address Name.</i>		2	260	O	1	4	2	NM1	NM102	1065	M	ID	1/1
207-03	9013	Clear Text Consignee Name M AN 1/35 Enter first line of the Clear Text Consignee address (i.e., organization's name or individual's name).		2	260	O	1	4	2	NM1	NM103	1035	O	AN	1/35

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes	
208	9013	**N3 SEGMENT - Clear Text Consignee Address** SEGMENT CONDITION: Required when no consignee DoDAAC is available in N104 (Consignee DoDAAC) data element. Use the first iteration of this segment to show the second and third lines of the address. Use the second iteration of this segment to show the fourth and fifth lines of the address.	C	2	270	O	2	4	2	NM1					
208-01	9013	Clear Text Consignee Address Information Enter clear text address information for consignee. [T_9 54/79]	M AN 1/35	2	270	O	2	4	2	NM1	N301	166	M	AN	1/55
208-02	9013	Clear Text Consignee Address Information Enter additional clear text address information for consignee. [T_9 54/79]	C AN 1/35	2	270	O	2	4	2	NM1	N302	166	O	AN	1/55
209	9014	**HL SEGMENT - Seal Numbers and Applier of Replacement Seals** LOOP CONDITION: Use this HL loop to identify original and replacement seal numbers and to identify the applier of replacement seals when passing header and trailer data associated with SEAVAN shipment units in data groups 1001/2001/3001 as applicable. Repeat this loop for each different applier of replacement seals.	C	2	010	M	1	> 1	1	HL						 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.
209-01	9014	Hierarchical ID Number Enter the next available HL loop sequential number to uniquely identify each occurrence of the HL loop. (The first HL loop in the transaction will have the value '1' in the HL01 data element. Increment that value by one for each subsequent new HL loop.)	M AN 1/12	2	010	M	1	>1	1	HL	HL01	628	M	AN	1/12	 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
209-02	9014	Hierarchical Parent ID Number Use this element to link this loop with its parent loop. Establish the link by copying the hierarchical ID number (HL01) of the DG 1001, DG 2001, or DG 3001 parent HL loop here.	M AN 1/12	2	010	M	1	>1	1	HL	HL02	734	O	AN	1/12	 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
209-03	9014	Hierarchical Level Code Use code value 'ZZ' to indicate that the HL loop identifies seal numbers and the applier of a replacement seal number (from DTR T_9 records) for a SEAVAN shipment unit corresponding to M7 segment of DG 9014. ZZ - Mutually Defined <i>Use 'ZZ' to denote DG 9014 Hierarchical Level.</i>	M ID 2/2	2	010	M	1	>1	1	HL	HL03	735	M	ID	1/2	 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
210	9014	**M7 SEGMENT - SEAVAN Seal Number and Replacement Seal Number** SEGMENT CONDITION: Use this segment for SEAVAN shipments. Repeat the HL loop and this segment for each seal number. To link the seal number with the applicable applier, only one M7 segment may be used per HL loop.	C	2	040	O	5	> 1	1	HL						

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
210-01	9014	SEAVAN Seal Number and Replacement Seal Number Enter seal number. Use for original seal. Also, use when original seal is removed and replaced with a new seal. [T_9 66/73]	M AN 2/15	2	040	O	5	>1	1	HL	M701	225	M AN 2/15	
211	9014	**N1 SEGMENT - Applier of Replacement Seals** SEGMENT CONDITION: Use when replacement seals are applied.	C	2	290	O	1	4	2	N1		At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 		
211-01	9014	Applier of Replacement Seals Qualifier SW - Sealing Company	M ID 2/2	2	290	O	1	4	2	N1	N101	98	M ID 2/3	
211-03	9014	DoDAAC/SCAC/CAGE Qualifier 10 - Department of Defense Activity Address Code (DODAAC) 2 - Standard Carrier Alpha Code (SCAC) 33 - Commercial and Government Entity (CAGE)	M ID 1/2	2	290	O	1	4	2	N1	N103	66	C ID 1/2	
211-04	9014	Activity that Applied Seals DoDAAC or CAGE code for Defense activities or enter ocean carrier SCAC code. [T_9 74/79]	M AN 4/6	2	290	O	1	4	2	N1	N104	67	C AN 2/80	
											 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.			
212	9801	**HL SEGMENT - 463L Capped Pallet Header Information (TAB)** LOOP CONDITION: Use this loop to document pallet header information for a capped 463L pallet. Use this 463L pallet header HL Loop to identify a loaded and fully documented (capped) 463L pallet that will be delivered to an aerial port as a manifested pallet load (pallet ID is assigned) for air movement. Or, use this loop to identify a fully documented (capped) and manifested 463L pallet transitioning from an air manifested movement to a truck manifested movement. Capped 463L pallets that have not been documented as a manifested load (with a TAB record) will use the SEAVAN/RORO/463L Shipment Units HL loop (HL03=2) to identify the 463L pallet as a shipment unit (marked with an MSL) on the truck manifest. To document cargo loaded on the pallet, use the appropriate HL loops (i.e., HL03 contains '1' - '3', '5' - '9', and 'ZZ').	C	2	010	M	1	>1	1	HL				
											 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.			
212-01	9801	Hierarchical ID Number Enter the next available HL loop sequential number to describe each pallet.	M AN 1/12	2	010	M	1	>1	1	HL	HL01	628	M AN 1/12	
											 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.			

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
212-03	9801	Hierarchical Level Code	M ID 2/2			2	010	M	1	>1	1	HL	HL03	735	M ID 1/2	
		Use code value '24' to indicate that the HL loop identifies the Pallet Header Heirarchical Level. 24 - Supergroup <i>Use '24' to denote Pallet Header Heirarchical Level.</i>						 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.									
213	9801	**N7 SEGMENT - Pallet Details**	M			2	020	O	1	> 1	1	HL				
								If either N703 or N704 is present, then the other is required. If either N705 or N716 is present, then the other is required. If either N708 or N709 is present, then the other is required. 									
213-01	9801	Module Type	M AN 1/1			2	020	O	1	>1	1	HL	N701	206	O AN 1/4	
		Select and enter the applicable Module Type from the following Table Management Distribution System (TMDS) data values to denote DoD definitions as indicated (See DTR, Part II, Appendix DD): A - Non-unitized, Rolling Stock B - Pallet up to 76 inches C - Containerized, skidded cargo D - Pallet for 727/707/DC-9/L-100/DC-8 stretched model E - Pallet up to 60 inches F - Pallet for DC-10 (2L-12R), MD-11 (2-14) G - Pallet with a propeller H - C-130 Ramp pallet I - ISU Pallet J - Pallet for C130 (6" aisle way) K - KC-135 L - Pallet for C-5, L-100, C-130, B-747 (upstairs), C-141, C-17 M - C-5 or C-17 only N - KC-10 (PP 2-10 L + R) P - KC-10 (position 1) SOURCE: IATA Unit Load Devices Manual available from International Air Transport Association [TAB 40/40]						 N701 is mandatory for rail transactions.									
213-02	9801	Pallet ID	M AN 5/6			2	020	O	1	>1	1	HL	N702	207	M AN 1/10	
		Enter the pallet ID assigned by the loading activity. In sequenced order: [DTR TAB 21/23] [DTR TAB 4/5] [TAB 67/67]															
213-14	9801	Pallet Serial Number	C AN 1/3			2	020	O	1	>1	1	HL	N714	219	O AN 1/3	
		ELEMENT CONDITION: Enter the serial number assigned by the pallet loading activity if other than an aerial port. This is not the number stamped on Pallet Data Plate. [TAB 41/43]															

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
214	9801	**REF SEGMENT - Air POE Identification** SEGMENT CONDITION: Use this segment for water or air shipment of a capped pallet to a POE.	C	2	060	O	5	>1	1	HL	At least one of REF02 or REF03 is required. 			
214-01	9801	POE Qualifier Code 55 - Sequence Number <i>Use '55' to denote Port of Embarkation.</i>	M ID 2/2	2	060	O	5	>1	1	HL	REF01	128	M ID 2/3	
214-02	9801	Air POE Identifier Qualifier Enter value 'AIR' to denote Port Code type.	M AN 3/3	2	060	O	5	>1	1	HL	REF02	127	C AN 1/30	
214-03	9801	Air POE Code Use three-position port code. [T_0 21/23],[T_1 21/23]	M AN 3/3	2	060	O	5	>1	1	HL	REF03	352	C AN 1/80	
215	9801	**REF SEGMENT - Air POD Identification** SEGMENT CONDITION: Use this segment for water or air shipment of a capped pallet to a POD.	C	2	060	O	5	>1	1	HL	At least one of REF02 or REF03 is required. 			
215-01	9801	POD Qualifier Code 6W - Sequence Number <i>Use '6W' to denote Port of Debarkation.</i>	M ID 2/2	2	060	O	5	>1	1	HL	REF01	128	M ID 2/3	
215-02	9801	Air POD Identifier Qualifier Enter value 'AIR' to denote Port Code type.	M AN 3/3	2	060	O	5	>1	1	HL	REF02	127	C AN 1/30	
215-03	9801	Air POD Code Use three-position port code. [T_0 24/26],[T_1 24/26]	M AN 3/3	2	060	O	5	>1	1	HL	REF03	352	C AN 1/80	
216	9801	**N9 SEGMENT - Air Dimension Code** SEGMENT CONDITION: Required and used only for air shipments.	C	2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 			
216-01	9801	Air Dimension Code Qualifier ADM - Air Dimension Code	M ID 3/3	2	100	O	10	>1	1	HL	N901	128	M ID 2/3	
216-02	9801	Air Dimension Code	M AN 1/1	2	100	O	10	>1	1	HL	N902	127	C AN 1/30	

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
217	9801	**N9 SEGMENT - Pallet Configuration Code**	M		2	100	O	10	>1	1	HL			
		At least one of N902 or N903 is required. If N906 is present, then N905 is required. 												
217-01	9801	Pallet Configuration Code Qualifier	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
		WL - Federal Supply Classification Code <i>Use 'WL' to denote Pallet Configuration Code.</i>													
217-02	9801	Pallet Configuration Code	M	AN	2/2	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
		Select and enter the applicable Pallet Configuration Code from the following Table Management Distribution System (TMDS) data values to denote DoD definitions as indicated: LS - LOOSE CARGO PC - PALLETIZED CARGO RS - ROLLING STOCK SD - CARGO ON SKID T2 - PALLET TRAIN CONSISTING OF 2 PALLETS T3 - PALLET TRAIN CONSISTING OF 3 PALLETS T4 - PALLET TRAIN CONSISTING OF 4 PALLETS T5 - PALLET TRAIN CONSISTING OF 5 PALLETS T6 - PALLET TRAIN CONSISTING OF 6 PALLETS T7 - PALLET TRAIN CONSISTING OF 7 PALLETS BC - BELLY CARGO [TAB 44/45]													
218	9801	**N9 SEGMENT - Cargo Type Classification Code**	M		2	100	O	10	>1	1	HL			
		At least one of N902 or N903 is required. If N906 is present, then N905 is required. 												
218-01	9801	Cargo Type Classification Code Qualifier	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
		8X - Transaction Category or Type <i>Use '8X' to denote Cargo Type Classification Code.</i>													
218-03	9801	Cargo Type Classification Code	M	AN	1/1	2	100	O	10	>1	1	HL	N903	369	C AN 1/45
		Enter one of the following values from the following Table Management Distribution System (TMDS) data values to denote DoD definitions as indicated:: G - General Cargo M - Mixtures of G and S S - Cargo Requiring Special Handling U - Mail Y - Signature Service. [TAB 46/46]													
219	9801	**N9 SEGMENT - Personal Property Code**	C		2	100	O	10	>1	1	HL			
		SEGMENT CONDITION: Required and used only for personal property shipments.													
		At least one of N902 or N903 is required. If N906 is present, then N905 is required. 												

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION		
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
219-01	9801	Personal Property Code Qualifier	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
		Q5 - Property Control Number <i>Use 'Q5' to denote Personal Property Code.</i>													
219-02	9801	Personal Property Code	M	AN	1/1	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
		Select the applicable Personal Property Shipment Code from the TRANSCOM Reference Data Management table Personal-Property-Shipment_Unit TCN Type Code Domain (D_PRSNL_PRPRTY_S2_CD), mirrored at http://www.ustranscom.mil/cmd/associated/dteb/files/refdata/V_D_ PRSNL_PRPRTY_S2_CD.htm" [TAB 65/65]													
220	9801	**N9 SEGMENT - Chain or Devices Tie Down Code**	C			2	100	O	10	> 1	1	HL			
		SEGMENT CONDITION: Use if chain or device is used for tie down.					At least one of N902 or N903 is required. If N906 is present, then N905 is required. 								
220-01	9801	Chain or Devices Tie Down Code Qualifier	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M ID 2/3
		8R - Security Type <i>Use '8R' to denote Chain or Devices Tie Down Code.</i>													
220-02	9801	Chain or Devices Tie Down Indicator	M	AN	5/5	2	100	O	10	>1	1	HL	N902	127	C AN 1/30
		Enter value 'CHAIN' to denote Chain or Devices Tie Down.													
220-07	9801	COMPOSITE DE - Tie Down Code Header	M	CE		2	100	O	10	> 1	1	HL	N907	C040	O CE
							If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required. 								
220-07-01	9801	Chain Tie Down Code	C	ID	2/2	2	100	O	10	>1	1	HL	C04001	128	M ID 2/3
		01 - American Bankers Assoc. (ABA) Transit/Routing Number (Including Check Digit, 9 Digits) <i>Use '01' to denote DoD Code 'C' for Chain.</i>													
220-07-02	9801	Chain Quantity	C	ID	1/2	2	100	O	10	>1	1	HL	C04002	127	M AN 1/30
		Enter quantity of chains. ELEMENT CONDITION: Required if N907 code value of '01' is used.													
220-07-03	9801	Devices Tie Down Code	C	ID	2/2	2	100	O	10	>1	1	HL	C04003	128	C ID 2/3
		CHANGE NOTE: Code corrected per DM 770. 02 - Society for Worldwide Interbank Financial Telecommunication (S.W.I.F.T.) Identification (8 or 11 Characters) <i>Use '02' to denote DoD Code 'D' for Device.</i>													

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes		
220-07-04	9801	Devices Quantity / Enter quantity of devices. / ELEMENT CONDITION: Required if N907 code value of '02' is used.	C	ID	1/2	2	100	O	10	>1	1	HL	C04004	127	C	AN	1/30
221	9801	**N9 SEGMENT - Top Net, Side Net, or Strap Tie Down Code** / SEGMENT CONDITION: Use if Top Net, Side Net, or Strap is used for tie down.	C			2	100	O	10	>1	1	HL						
													At least one of N902 or N903 is required. If N906 is present, then N905 is required. 					
221-01	9801	Top Net, Side Net, or Strap Tie Down Code Qualifier / Z3 - Safety Equipment Certificate <i>Use 'Z3' to denote Top Net, Side Net, or Strap Tie Down Code.</i>	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
221-02	9801	Top Net, Side Net, or Strap Tie Down Indicator / Enter value 'NET' to denote Top Net, Side Net, or Strap Tie Down.	M	AN	3/3	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
221-07	9801	COMPOSITE DE - Tie Down Code Header	M	CE		2	100	O	10	>1	1	HL	N907	C040	O	CE	
													If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required. 					
221-07-01	9801	Top Net Tie Down Code / 03 - Clearing House Interbank Payment System (CHIPS) Participant Number (3 or 4 Digits) <i>Use '03' to denote DoD Code 'T' for Top Net.</i>	C	ID	2/2	2	100	O	10	>1	1	HL	C04001	128	M	ID	2/3
221-07-02	9801	Top Net Quantity / Enter quantity of top nets. / ELEMENT CONDITION: Required if N907 code value of '03' is used.	C	ID	1/2	2	100	O	10	>1	1	HL	C04002	127	M	AN	1/30
221-07-03	9801	Side Net Tie Down Code / 04 - Canadian Financial Institution Branch and Institution Number <i>Use '04' to denote DoD Code 'N' for Side Net.</i>	C	ID	2/2	2	100	O	10	>1	1	HL	C04003	128	C	ID	2/3
221-07-04	9801	Side Net Quantity / Enter quantity of side nets. / ELEMENT CONDITION: Required if N907 code value of '04' is used.	C	ID	1/2	2	100	O	10	>1	1	HL	C04004	127	C	AN	1/30
221-07-05	9801	Strap Tie Down Code / 05 - Clearing House Interbank Payment System (CHIPS) User Identification (6 digits) <i>Use '05' to denote DoD Code 'S' for Strap.</i>	C	ID	2/2	2	100	O	10	>1	1	HL	C04005	128	C	ID	2/3

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes
221-07-06	9801	Strap Quantity Enter quantity of straps. ELEMENT CONDITION: Required if N907 code value of '05' is used.	C ID 1/2		2	100	O	10	>1	1	HL	C04006	127	C	AN 1/30
222	9801	**N9 SEGMENT - Center of Balance of Pallet Train** SEGMENT CONDITION: Use if 463L pallet configuration is a pallet train.	C		2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 			
222-01	9801	Center of Balance Qualifier P5 - Position Code <i>Use 'P5' to denote Center of Balance.</i>	M ID 2/2		2	100	O	10	>1	1	HL	N901	128	M	ID 2/3
222-02	9801	Center of Balance of Pallet Train Enter Center of Balance of Pallet Train in inches. [TAB 58/60]	M AN 1/3		2	100	O	10	>1	1	HL	N902	127	C	AN 1/30
223	9801	**N9 SEGMENT - Pallet Overhang Direction Code** SEGMENT CONDITION: Required when cargo overhangs the physical edges of the 463L pallet.	C		2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 			
223-01	9801	Pallet Overhang Direction Code Qualifier GY - Empty Repositioning Number <i>Use 'GY' to denote Pallet Overhang Direction Code.</i>	M ID 2/2		2	100	O	10	>1	1	HL	N901	128	M	ID 2/3
223-02	9801	Pallet Overhang Direction Code Enter one of the following values to denote DoD indicated definitions as appropriate: A - Aft F - Front B - Both [TAB 64/64]	M AN 1/1		2	100	O	10	>1	1	HL	N902	127	C	AN 1/30
224	9801	**N9 SEGMENT - Equivalent Pallet Positions**	M		2	100	O	10	>1	1	HL	At least one of N902 or N903 is required. If N906 is present, then N905 is required. 			
224-01	9801	Equivalent Pallet Positions Qualifier 8Z - Alternate Clause Number <i>Use '8Z' to denote Number of Equivalent Pallet Positions.</i>	M ID 2/2		2	100	O	10	>1	1	HL	N901	128	M	ID 2/3

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes		
224-02	9801	Equivalent Pallet Positions		M	AN	3/4	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30	
		Enter the number of Equivalent Pallet Positions. Include an explicit decimal point. Use only one decimal place. Do not enter a leading space (' '). [TAB 62/63]																	
225	9801	**N9 SEGMENT - Air Special Handling Code**		M			2	100	O	10	> 1	1	HL						
							At least one of N902 or N903 is required. If N906 is present, then N905 is required. 												
225-01	9801	Air Special Handling Code Qualifier		M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3	
		D7 - Coverage Code <i>Use 'D7' to denote Air Special Handling Code.</i>																	
225-02	9801	Air Special Handling Code		M	AN	1/1	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30	
		Enter the Air Special Handling Code (see DTR Part II, Appendix Z). If special handling is not required, enter value 'Z'. [TAB 66/66]																	
226	9801	**Y7 SEGMENT - Priority**		C			2	137	O	2	> 1	1	HL						
		SEGMENT CONDITION: Required for other than a Unit Move pallet. By definition Unit Move pallet does not have a shipment priority.						If either Y702 or Y703 is present, then the other is required. 											
226-02	9801	Highest Transportation Priority		M	N0	1/1	2	137	O	2	>1	1	HL	Y702	470	C	N0	1/1	
		Enter highest priority on the pallet.																	
226-03	9801	Special Priority		M	AN	1/1	2	137	O	2	>1	1	HL	Y703	471	C	AN	1/1	
		Enter the following Special Priority as applicable: '0' to denote No Special Priority '4' to denote 444 '5' to denote 555 '7' to denote 777 '9' to denote 999 'E' to denote Anticipated NMCS 'F' to denote FSS - Forward Supply System 'G' to denote Green Sheet 'N' to denote NMCS 'P' to denote Purple Sheet. CHANGE NOTE: Requirement attribute changed and user note modified per DM 821. [TAB 54/54]																	
227	9801	**G62 SEGMENT - Pallet Departure Date/Time (UTC) from APOE**		C			2	138	O	10	> 1	1	HL						
		SEGMENT CONDITION: Required for all pallets except pallets capped by DLA. CHANGE NOTE: User note changed per DMs 663/665.						At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 											

		DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes			
227-01	9801	Pallet Departure Date Qualifier BR - Date Delivery Commenced <i>Use 'BR' to denote Pallet Departure Date.</i>	M ID 2/2		2	138	O	10	>1	1	HL	G6201	432	C	ID	2/2	
227-02	9801	Pallet Departure Date (UTC) from APOE Enter Pallet Departure Date (UTC) from APOE using CCYYMMDD format.	M DT 8/8		2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8	
227-03	9801	Pallet Departure Time Qualifier A - Actual Departure Time	M ID 1/1		2	138	O	10	>1	1	HL	G6203	176	C	ID	1/2	
227-04	9801	Pallet Departure Time (UTC) from APOE Enter Pallet Departure Time (UTC) from APOE using HHMM format.	M TM 4/4		2	138	O	10	>1	1	HL	G6204	337	C	TM	4/8	
228	9801	**G62 SEGMENT - Oldest Piece Date/Time (UTC)** SEGMENT CONDITION: Required for all pallets except for pallets capped by DLA.	C		2	138	O	10	> 1	1	HL	At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 					
228-01	9801	Oldest Piece Date Qualifier 88 - First Ship Date <i>Use '88' to denote Earliest Date of Actual Placement.</i>	M ID 2/2		2	138	O	10	>1	1	HL	G6201	432	C	ID	2/2	
228-02	9801	Oldest Piece Date (UTC) Enter earliest receipt date (UTC) on any item on the pallet using CCYYMMDD format. [TAB 7/8]	M DT 8/8		2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8	
228-03	9801	Oldest Piece Time Qualifier G - Earliest Requested Deliver Time <i>Use 'G' to denote Oldest Piece Time.</i>	M ID 1/1		2	138	O	10	>1	1	HL	G6203	176	C	ID	1/2	
228-04	9801	Oldest Piece Time (UTC) Enter earliest receipt time (UTC) on any item on the pallet, using HHMM format. [TAB 6/6]	M TM 4/4		2	138	O	10	>1	1	HL	G6204	337	C	TM	4/8	
229	9801	**G62 SEGMENT - Estimated Date/Time (UTC) Arrival at APOE** SEGMENT CONDITION: Use for capped pallets originating at other than APOE that are going to an APOE.	C		2	138	O	10	> 1	1	HL	At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 					

		DoD INFORMATION			X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION			
Index	**DG**	**Data Name** **Notes and Codes**	**DoD Recommended Attributes**	**Tabl**	**Pos**	**Req Des**	**Max Use**	**Lp Rpt**	**Lp Lvl**	**Lp ID**	**Ref Des**	**DE #**		**Attributes**
229-01	9801	Estimated Date Qualifier SE - Date Shipped to Port of Embarkation (POE) <i>Use 'SE' to denote Estimated Date Arrival at APOE.</i>	M ID 2/2	2	138	O	10	>1	1	HL	G6201	432	C	ID 2/2
229-02	9801	Estimated Date (UTC) Arrival at APOE Enter Estimated Date (UTC) Arrival at APOE using CCYYMMDD format.	M DT 8/8	2	138	O	10	>1	1	HL	G6202	373	C	DT 8/8
229-03	9801	Estimated Time Qualifier E - Estimated Arrival Time <i>Use 'E' to denote Estimated Time Arrival at APOE.</i>	M ID 1/1	2	138	O	10	>1	1	HL	G6203	176	C	ID 1/2
229-04	9801	Estimated Time (UTC) Arrival at APOE Enter Estimated Time (UTC) Arrival at APOE using HHMM format.	M TM 4/8	2	138	O	10	>1	1	HL	G6204	337	C	TM 4/8
230	9801	**G62 SEGMENT - Pallet Closed Date (UTC)** SEGMENT CONDITION: Required when NTE02, Pallet Processing Status Code, contains value 'C'.	C	2	138	O	10	> 1	1	HL	At least one of G6201 or G6203 is required. If either G6201 or G6202 is present, then the other is required. If either G6203 or G6204 is present, then the other is required. 			
230-01	9801	Pallet Closed Date Qualifier BP - Contract Closed <i>Use 'BP' to denote Pallet Closed Date.</i>	M ID 2/2	2	138	O	10	>1	1	HL	G6201	432	C	ID 2/2
230-02	9801	Pallet Closed Date (UTC) Enter date (UTC) pallet closed using CCYYMMDD format.	M DT 8/8	2	138	O	10	>1	1	HL	G6202	373	C	DT 8/8
231	9801	**NTE SEGMENT - Pallet Processing Status Code** SEGMENT CONDITION: Required for DLA built pallets that are sent to an AMC aerial port for onward movement.	C	2	140	O	100	> 1	1	HL	 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.			
231-01	9801	Pallet Processing Status Code Qualifier PCS - Process Specification <i>Use 'PCS' to denote Pallet Processing Status Code.</i>	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID 3/3
231-02	9801	Pallet Processing Status Code Use the following values to denote DoD definitions as indicated: C - Pallet Closed T - Truck Closed D - Driver Sign-off U - Un-offered.	M AN 1/1	2	140	O	100	>1	1	HL	NTE02	352	M	AN 1/80

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
232	9801	**NTE SEGMENT - Onward Mode/Method**	M	2	140	O	100	>1	1	HL					
											 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.				
232-01	9801	Onward Mode/Method Qualifier EMD - Estimate Method Description <i>Use 'EMD' to denote Onward Mode/Method.</i>	M ID 3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
232-02	9801	Onward Mode/Method See DTR Part II, Appendix GG for applicable codes. [TAB 27/27]	M AN 1/1	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
233	9801	**L0 SEGMENT - Total Weight, Cube, Pieces for 463L Pallet Load**	M	2	145	O	1	20	2	L0					
											If either L002 or L003 is present, then the other is required. If either L004 or L005 is present, then the other is required. If either L006 or L007 is present, then the other is required. If either L008 or L009 is present, then the other is required. If L011 is present, then L004 is required. If either L013 or L015 is present, then the other is required. 				
233-04	9801	Total Scale Weight for 463L Pallet Load ELEMENT CONDITION: Enter total shipping weight (including pallet, nets, chains, straps, devices, etc.) if available.	C R 1/10	2	145	O	1	20	2	L0	L004	81	C	R	1/10
233-05	9801	Weight Type Code ELEMENT CONDITION: Required if L004 is used. G - Gross Weight	C ID 1/1	2	145	O	1	20	2	L0	L005	187	C	ID	1/2
233-06	9801	Total Cube of 463L Pallet Load All cube entries should be rounded to whole numbers. CHANGE NOTE: Reference to whole numbers added per DM 814. [TAB 77/80]	M R 1/4	2	145	O	1	20	2	L0	L006	183	C	R	1/8
233-07	9801	Cube Qualifier E - Cubic Feet	M ID 1/1	2	145	O	1	20	2	L0	L007	184	C	ID	1/1
233-08	9801	Total Pieces on the Pallet Enter the total number of pieces for the shipment units documented on the pallet. If the pallet and its contents have been documented as one shipment unit (a single TCN) then it will only be one piece. [TAB 68/71]	M N0 1/4	2	145	O	1	20	2	L0	L008	80	C	N0	1/7
											 L008 is the number of handling units of the line item tendered to the carrier.				

Index	DG	Data Name / Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
233-09	9801	Pieces Qualifier CHANGE NOTE: Data element added per DM 814. PCS - Pieces	M ID 3/3	2	145	O	1	20	2	L0	L009	211	C	ID	3/3
234	9801	**L0 SEGMENT - Cargo Weight** SEGMENT CONDITION: Mandatory except for DLA shipments.	C	2	145	O	1	20	2	L0					
		If either L002 or L003 is present, then the other is required. If either L004 or L005 is present, then the other is required. If either L006 or L007 is present, then the other is required. If either L008 or L009 is present, then the other is required. If L011 is present, then L004 is required. If either L013 or L015 is present, then the other is required. 													
234-04	9801	Cargo Weight Enter total Cargo Weight less weight of pallet, nets, chains, straps, devices, etc. [TAB 72/76]	M R 1/10	2	145	O	1	20	2	L0	L004	81	C	R	1/10
234-05	9801	Weight Qualifier N - Actual Net Weight	M ID 1/1	2	145	O	1	20	2	L0	L005	187	C	ID	1/2
235	9801	**MEA SEGMENT - Pallet Height** SEGMENT CONDITION: Use for loaded 463L pallet.	C	2	160	O	10	20	2	L0					
		At least one of MEA03, MEA05, MEA06, or MEA08 is required. If MEA05 is present, then MEA04 is required. If MEA06 is present, then MEA04 is required. If MEA07 is present, then at least one of MEA03, MEA05, or MEA06 is required. Only one of MEA08 or MEA03 may be present. 													
235-01	9801	Pallet Dimensions Qualifier PA - Pallet Dimensions	M ID 2/2	2	160	O	10	20	2	L0	MEA01	737	O	ID	2/2
235-02	9801	Pallet Height Qualifier HT - Height	M ID 2/2	2	160	O	10	20	2	L0	MEA02	738	O	ID	1/3
235-03	9801	Pallet Height Enter Pallet Height in inches. [TAB 55/57]	M R 1/3	2	160	O	10	20	2	L0	MEA03	739	C	R	1/20
236	9801	**N1 SEGMENT - Loading Activity DoDAAC** SEGMENT CONDITION: Use to indicate the pallet loading activity if the pallet is loaded at other than an air terminal.	C	2	290	O	1	4	2	N1					
		At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 													
236-01	9801	Loading Activity Qualifier LP - Loading Party <i>Use 'LP' to denote Pallet Loading Activity.</i>	M ID 2/2	2	290	O	1	4	2	N1	N101	98	M	ID	2/3

		DoD INFORMATION			X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
236-02	9801	Loading Activity DODAAC Enter the DoDAAC of the activity that loaded the pallet (if not an air terminal).	M AN 6/6	2	290	O	1	4	2	N1	N102	93	C	AN	1/60
237	9801	**N1 SEGMENT - Ultimate Consignee DoDAAC** SEGMENT CONDITION: Use only if the 463L pallet contents will be delivered to a single consignee.	C	2	290	O	1	4	2	N1	At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 				
237-01	9801	Ultimate Consignee Qualifier CN - Consignee <i>Use 'CN' to denote Ultimate Consignee.</i>	M ID 2/2	2	290	O	1	4	2	N1	N101	98	M	ID	2/3
237-03	9801	DoDAAC Identification Code Qualifier 10 - Department of Defense Activity Address Code (DODAAC)	C ID 2/2	2	290	O	1	4	2	N1	N103	66	C	ID	1/2
237-04	9801	Ultimate Consignee DoDAAC Enter DoDAAC of the ultimate consignee.	M AN 6/6	2	290	O	1	4	2	N1	N104	67	C	AN	2/80
							 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.								
238	9802	**L3 SEGMENT - Manifest Total Pieces, Weight, and Cube**	M	3	010	O	1				If either L301 or L302 is present, then the other is required. If either L303 or L304 is present, then the other is required. If either L309 or L310 is present, then the other is required. If L312 is present, then L301 is required. If either L314 or L315 is present, then the other is required. 				
238-01	9802	Manifest Total Weight [T_0 72/76],[T_4 72/76]	M R 1/10	3	010	O	1				L301	81	C	R	1/10
238-02	9802	Weight Qualifier G - Gross Weight	M ID 1/2	3	010	O	1				L302	187	C	ID	1/2
238-09	9802	Manifest Total Cube [T_0 77/80],[T_4 77/80]	M R 1/8	3	010	O	1				L309	183	C	R	1/8
238-10	9802	Volume Unit Qualifier E - Cubic Feet	M ID 1/1	3	010	O	1				L310	184	C	ID	1/1
238-11	9802	Manifest Total Pieces Enter the total number of pieces for the shipment units documented on the manifest. For the truck manifest total, a 463L pallet will only count as one piece. [T_0 68/71],[T_4 68/71]	M N0 1/4	3	010	O	1				L311	80	O	N0	1/7

		DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMEN INFORMATION				
Index	DG	Data Name Notes and Codes		DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #		Attributes		
238-12	9802	Weight Unit Code L - Pounds	M	ID	1/1		3	010	O	1				L312	188	O	ID	1/1	
239	10	**SE SEGMENT - Truck Manifest Trailer**	M				3	020	M	1									
									 SE is the last segment of each transaction set.										
239-01	10	Number of Included Segments Total segments in this transaction set including the ST and SE segments.	M	N0	1/6		3	020	M	1				SE01	96	M	N0	1/10	
239-02	10	Transaction Set Control Number This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.	M	AN	9/9		3	020	M	1				SE02	329	M	AN	4/9	

Section 6.0

APPLICATION CODE LISTS

83-09 -- Type Pack Code

Data Value - Definition

BAG - Bag
** *Use 'BAG' to denote Bag, burlap or cloth.*
BAL - Bale
BBL - Barrel
BDL - Bundle
BOX - Box
BSK - Basket or hamper
** *Use 'BSK' to denote Basket.*
CAB - Cabinet
CAN - Can
CAS - Case
CBY - Carboy
CNA - Household Goods Containers, Wood
** *Use 'CNA' to denote HHG containers, wood.*
CNB - Container, MAC-ISO (Military Airlift Container - International Standards Organization) Light Weight 8x8x20 Foot Air
** *Use 'CNB' to denote Container, MAC-ISO, lt. wgt. 8x8x20 foot air.*
CNC - Container, Navy cargo transporter
CND - Container, commercial highway lift
CNE - Engine container
CNF - Multiwall Container Secured to Warehouse Pallet
** *Use 'CNF' to denote Multiwall container secured to warehouse plt.*
CNT - Container
** *Use 'CNT' to denote Container, other than CC, CM, CU, CW, MW, MX.*
CNX - CONEX - Container Express
** *Use 'CNX' to denote CONEX (Gov't owned container).*
COL - Coil
CRD - Cradle
** *Use 'CRD' to denote Engine cradle or dolly.*
CRT - Crate
CTN - Carton
CYL - Cylinder
DRM - Drum
DUF - Duffle Bag
** *Use 'DUF' to denote Dufflebag.*
ENV - Envelope
HPR - Hamper
KEG - Keg
LSE - Loose
** *Use 'LSE' to denote Loose, not packed.*
MLV - MILVAN - Military Van
** *Use 'MLV' to denote MILVAN.*
MSV - MSCVAN - Military Sealift Command Van
** *Use 'MSV' to denote MSCVAN.*
MXD - Mixed Type Pack
** *Use 'MXD' to denote Mixed.*
PAL - Pail
PCK - Packed - not otherwise specified
PCS - Pieces
** *Use 'PCS' to denote Piece.*
PLL - 463L Air Pallet
PLT - Pallet
** *Use 'PLT' to denote Palletized unit load other than code MW.*
REL - Reel
ROL - Roll
SAK - Sack
** *Use 'SAK' to denote Sack, paper.*
SCS - Suitcase
SHT - Sheet
SKD - Skid
SKE - Skid, elevating or lift truck
** *Use 'SKE' to denote Skid, box.*
SPL - Spool
SVN - SEAVAN - Sea Van
** *Use 'SVN' to denote SEAVAN.*
TBE - Tube
TBN - Tote Bin
** *Use 'TBN' to denote SEAVAN - TOTE.*
TKR - Tank Car
TKT - Tank Truck
TRK - Trunk and Chest
** *Use 'TRK' to denote Footlocker (Trunk).*
TRU - Truck
TUB - Tub
UNT - Unit
** *Use 'UNT' to denote Unitized (use RT for unitized cargo on RORO).*
VEH - Vehicles
VOC - Vehicle in Operating Condition
VPK - Van Pack
** *Use 'VPK' to denote Van chassis.*

83-09 -- Type Pack Code (CONT)

Data Value - Definition
WHE - On Own Wheel
** *Use 'WHE' to denote RORO (roll-off, roll-on).*
WRP - Wrapped

85-01 -- Breakdown Structure Detail Code (T_0/1/4)

Data Value - Definition
84 - Total Direct Costs
89 - Budget Line Item
90 - Project Identifier
A1 - Department Indicator
** *Use 'A1' to denote Department Regular.*
A2 - Transfer from Department
** *Use 'A2' to denote Department Transfer.*
A3 - Fiscal Year Indicator
A4 - Basic Symbol Number
** *Use 'A4' to denote Main Account.*
A5 - Sub-class
A6 - Sub-Account Symbol
** *Use 'A6' to denote Sub Account.*
AI - Activity Identifier
AT - Air Force Transportation Account Code (ATAC)
B1 - Budget Activity Number
B2 - Budget Sub-activity Number
** *Use 'B2' to denote Sub-Allocation.*
B3 - Budget Program Activity
BE - Business Event Type Code
C1 - Program Element
C2 - Project Task or Budget Subline
C3 - Budget Restriction
** *Use 'C3' to denote Availability Type.*
CC - Cost Center Identifier
D1 - Defense Agency Allocation Recipient
D4 - Component Sub-allocation Recipient
D6 - Sub-allotment Recipient
** *Use 'D6' to denote Sub-allotment Recipien.*
D7 - Work Center Recipient
E1 - Major Reimbursement Source Code
E2 - Detail Reimbursement Source Code
E3 - Customer Indicator
F1 - Object Class
F3 - Government or Public Sector Identifier
FA - Functional Area
FC - Funding Center Identifier
FT - Funding Type
G2 - Special Interest Code or Special Program Cost Code
H1 - Cost Code
** *Use 'H1' to denote Cost Element Code.*
I1 - Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
IA - Security Cooperation Implementing Agency Code
J1 - Document or Record Reference Number
K6 - Accounting Classification Reference Code
L1 - Accounting Installation Number
** *Use 'L1' to denote Agency Accounting Identifier.*
M1 - Local Installation Data
MD - Movement Designator Code (MDC)
N1 - Transaction Type
P1 - Disbursing Station Number
** *Use 'P1' to denote Agency Disbursing Identifier Code.*
P5 - Foreign Military Sales (FMS) Line Item Number
S1 - Security Cooperation
S2 - Security Cooperation
TA - Transportation Account Code (TAC)
WO - Work Order Number
YB - Beginning Period of Availability Fiscal Year Date
YE - Ending Period of Availability Fiscal Year Date
ZZ - Mutually Defined

116-01 -- Breakdown Structure Detail Code (T_2)

Data Value - Definition

84 - Total Direct Costs
89 - Budget Line Item
90 - Project Identifier
A1 - Department Indicator
** *Use 'A1' to denote Department Regular.*
A2 - Transfer from Department
** *Use 'A2' to denote Department Transfer.*
A3 - Fiscal Year Indicator
A4 - Basic Symbol Number
** *Use 'A4' to denote Main Account.*
A5 - Sub-class
A6 - Sub-Account Symbol
** *Use 'A6' to denote Sub Account.*
AI - Activity Identifier
AT - Air Force Transportation Account Code (ATAC)
B1 - Budget Activity Number
B2 - Budget Sub-activity Number
** *Use 'B2' to denote Sub-Allocation.*
B3 - Budget Program Activity
BE - Business Event Type Code
C1 - Program Element
C2 - Project Task or Budget Subline
C3 - Budget Restriction
** *Use 'C3' to denote Availability Type.*
CC - Cost Center Identifier
D1 - Defense Agency Allocation Recipient
D4 - Component Sub-allocation Recipient
D6 - Sub-allotment Recipient
D7 - Work Center Recipient
E1 - Major Reimbursement Source Code
E2 - Detail Reimbursement Source Code
E3 - Customer Indicator
F1 - Object Class
F3 - Government or Public Sector Identifier
FA - Functional Area
FC - Funding Center Identifier
FT - Funding Type
G2 - Special Interest Code or Special Program Cost Code
H1 - Cost Code
** *Use 'H1' to denote Cost Element Code.*
I1 - Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
IA - Security Cooperation Implementing Agency Code
J1 - Document or Record Reference Number
K6 - Accounting Classification Reference Code
L1 - Accounting Installation Number
** *Use 'L1' to denote Agency Accounting Identifier.*
M1 - Local Installation Data
MD - Movement Designator Code (MDC)
N1 - Transaction Type
P1 - Disbursing Station Number
** *Use 'P1' to denote Agency Disbursing Identifier Code.*
P5 - Foreign Military Sales (FMS) Line Item Number
S1 - Security Cooperation
S2 - Security Cooperation
TA - Transportation Account Code (TAC)
WO - Work Order Number
YB - Beginning Period of Availability Fiscal Year Date
YE - Ending Period of Availability Fiscal Year Date
ZZ - Mutually Defined

140-09 -- Type Pack Code

Data Value - Definition

BAG - Bag
** *Use 'BAG' to denote Bag, burlap or cloth.*
BAL - Bale
BBL - Barrel
BDL - Bundle
BOX - Box
BSK - Basket or hamper
** *Use 'BSK' to denote Basket.*
CAB - Cabinet
CAN - Can
CAS - Case
CBY - Carboy
CNA - Household Goods Containers, Wood
** *Use 'CNA' to denote HHG containers, wood.*
CNB - Container, MAC-ISO (Military Airlift Container - International Standards Organization) Light Weight 8x8x20 Foot Air
** *Use 'CNB' to denote Container, MAC-ISO, lt. wgt. 8x8x20 foot a.*
CNC - Container, Navy cargo transporter
CND - Container, commercial highway lift
CNE - Engine container
CNF - Multiwall Container Secured to Warehouse Pallet
** *Use 'CNF' to denote Multiwall container secured to warehouse plt.*
CNT - Container
** *Use 'CNT' to denote Container, other than CC, CM, CU, CW, MW, MX.*
CNX - CONEX - Container Express
** *Use 'CNX' to denote CONEX (Gov't owned container).*
COL - Coil
CRD - Cradle
** *Use 'CRD' to denote Engine cradle or dolly.*
CRT - Crate
CTN - Carton
CYL - Cylinder
DRM - Drum
DUF - Duffle Bag
** *Use 'DUF' to denote Dufflebag.*
ENV - Envelope
HPR - Hamper
KEG - Keg
LSE - Loose
** *Use 'LSE' to denote Loose, not packed.*
MLV - MILVAN - Military Van
** *Use 'MLV' to denote MILVAN.*
MSV - MSCVAN - Military Sealift Command Van
** *Use 'MSV' to denote MSCVAN.*
MXD - Mixed Type Pack
** *Use 'MXD' to denote Mixed.*
PAL - Pail
PCK - Packed - not otherwise specified
PCS - Pieces
** *Use 'PCS' to denote Piece.*
PLL - 463L Air Pallet
PLT - Pallet
** *Use 'PLT' to denote Palletized unit load other than code MW.*
REL - Reel
ROL - Roll
SAK - Sack
** *Use 'SAK' to denote Sack, paper.*
SCS - Suitcase
SHT - Sheet
SKD - Skid
SKE - Skid, elevating or lift truck
** *Use 'SKE' to denote Skid, box.*
SPL - Spool
SVN - SEAVAN - Sea Van
** *Use 'SVN' to denote SEAVAN.*
TBE - Tube
TBN - Tote Bin
** *Use 'TBN' to denote SEAVAN - TOTE.*
TKR - Tank Car
TKT - Tank Truck
TRK - Trunk and Chest
** *Use 'TRK' to denote Footlocker (Trunk).*
TRU - Truck
TUB - Tub
UNT - Unit
** *Use 'UNT' to denote Unitized (use RT for unitized cargo on RORO).*
VEH - Vehicles
VOC - Vehicle in Operating Condition
VPK - Van Pack
** *Use 'VPK' to denote Van chassis.*

140-09 -- Type Pack Code (CONT)

Data Value - Definition
WHE - On Own Wheel ** *Use 'WHE' to denote RORO (roll-off, roll-on).* WRP - Wrapped

142-01 -- Breakdown Structure Detail Code (T_3)

Data Value - Definition

84 - Total Direct Costs
89 - Budget Line Item
90 - Project Identifier
A1 - Department Indicator
** *Use 'A1' to denote Department Regular.*
A2 - Transfer from Department
** *Use 'A2' to denote Department Transfer.*
A3 - Fiscal Year Indicator
A4 - Basic Symbol Number
** *Use 'A4' to denote Main Account.*
A5 - Sub-class
A6 - Sub-Account Symbol
** *Use 'A6' to denote Sub Account.*
AI - Activity Identifier
AT - Air Force Transportation Account Code (ATAC)
B1 - Budget Activity Number
B2 - Budget Sub-activity Number
** *Use 'B2' to denote Sub-Allocation.*
B3 - Budget Program Activity
BE - Business Event Type Code
C1 - Program Element
C2 - Project Task or Budget Subline
C3 - Budget Restriction
** *Use 'C3' to denote Availability Type.*
CC - Cost Center Identifier
D1 - Defense Agency Allocation Recipient
D4 - Component Sub-allocation Recipient
D6 - Sub-allotment Recipient
D7 - Work Center Recipient
E1 - Major Reimbursement Source Code
E2 - Detail Reimbursement Source Code
E3 - Customer Indicator
F1 - Object Class
F3 - Government or Public Sector Identifier
FA - Functional Area
FC - Funding Center Identifier
FT - Funding Type
G2 - Special Interest Code or Special Program Cost Code
H1 - Cost Code
** *Use 'H1' to denote Cost Element Code.*
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