Department
of
Defense

DoD Transportation Electronic Business (DTEB) Convention

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

VERSION 5

January 2017

Department
of
Defense

DoD Transportation Electronic Business (DTEB) Convention

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

VERSION 5

CONTENTS

1.0 INTRODUCTION

2.0 CONTROL SEGMENTS

3.0 STANDARD IMPLEMENTATION CONVENTION

4.0 IC ELEMENT MATRIX

5.0 RESERVED

6.0 IC CODE LISTS

7.0 RESERVED

8.0 RESERVED

9.0 RESERVED

(Blank Page)

Section 1.0

INTRODUCTION

This implementation convention (IC) describes the standard or convention the Department of Defense will use to 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
TCJ6-S
508 Scott Drive
Scott Air Force Base, IL 62225-7001

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

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

[Note: To access the publication, you must have an Information Tool Suite (ITS) account.]

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 5

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/

(Blank Page)

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.

(Blank Page)

858 Shipment Information

Functional Group ID=SI

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	
Must Use	260	NM1	Individual or Organizational Name	O	1		

	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:
Business Rules: Variable Name: STST
Notes: [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** Code uniquely identifying a Transaction Set [1-01] Transaction Set Identifier Code (DG 10) 858 Shipment Information [1-01] Shipment Information	**M**	**ID 3/3**
M	**ST02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set [1-02] Transaction Set Control Number (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.)	**M**	**AN 4/9**

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)	
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	
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** 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.	**O**	**AN 1/30**
	BX05	**140**	**Standard Carrier Alpha Code** 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.	**O**	**ID 2/4**
X	**BX06**	**188**	**Weight Unit Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**BX07**	**147**	**Shipment Qualifier** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**BX08**	**226**	**Section Seven Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**BX09**	**195**	**Capacity Load Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**BX10**	**160**	**Status Report Request Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**BX11**	**501**	**Customs Documentation Handling Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**BX12**	**199**	**Confidential Billing Request Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**BX13**	**714**	**Goods and Services Tax Reason Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**BX14**	**346**	**Application Type** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**

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** 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)	**M**	**ID 2/3**

			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** Free-form descriptive text [31-03] Aircraft Tail Number (DG 9800) NOTE: Changed attribute lenghth from 4/4 to 5/6 per DM 1005.	**X**	**AN 1/45**
	N904	**373**	**Date** 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.	**O**	**DT 8/8**
X	**N905**	**337**	**Time**	**X**	**TM 4/8**
X	**N906**	**623**	**Time Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**N907**	**C040**	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	**O**	
X	**C04001**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	**M**	**ID 2/3**
X	**C04002**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**M**	**AN 1/30**
X	**C04003**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/3**
X	**C04004**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**
X	**C04005**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/3**
X	**C04006**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**

Segment: **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** 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.	**O**	**AN 2/10**
X	**CM02**	**115**	**Port or Terminal Function Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 1/1**
X	**CM03**	**114**	**Port Name**	**O**	**AN 2/24**
	CM04	**373**	**Date** 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.	**O**	**DT 8/8**
>>	**CM05**	**13**	**Booking Number** Number assigned by the carrier for space reservation [35-05] Mission Number (DG 9800) Enter Mission Number assigned by aircraft controlling agency.	**O**	**AN 1/17**
X	**CM06**	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**
X	**CM07**	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**
X	**CM08**	**373**	**Date**	**O**	**DT 8/8**
	CM09	**182**	**Vessel Name** 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	**O**	**AN 2/28**
X	**CM10**	**113**	**Pier Number**	**O**	**AN 1/4**

	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**
X	**CM14**	**26**	**Country Code**	**O**	**ID 2/3**
>>	**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**
			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)
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** 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..	**X**	**DT 8/8**
>>	**G6203**	**176**	**Time Qualifier** 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	**X**	**ID 1/2**
>>	**G6204**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) [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**	**TM 4/8**
X	**G6205**	**623**	**Time Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**

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)		
X	**PER02**	**93**	**Name**		**O**	**AN 1/60**
>>	**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		
>>	**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.			
X	**PER05**	**365**	**Communication Number Qualifier**		**X**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.			
X	**PER06**	**364**	**Communication Number**		**X**	**AN 1/80**
X	**PER07**	**365**	**Communication Number Qualifier**		**X**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.			
X	**PER08**	**364**	**Communication Number**		**X**	**AN 1/80**
X	**PER09**	**443**	**Contact Inquiry Reference**		**O**	**AN 1/20**

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		
>>	**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)	
				[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	
			VS	Vessel Stowage Location	
				[49-02] Vessel Stowage Location Use 'VS' to denote Seaport [50-02] Vessel Stowage Location Use 'VS' to denote Seaport	
>>	**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**
X	**R405**	**26**	**Country Code**	**O**	**ID 2/3**
>>	**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**
X	**R408**	**156**	**State or Province Code**	**O**	**ID 2/2**

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** Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/3**
>>	**H302**	**153**	**Special Handling Description** 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**	**AN 2/30**
X	**H303**	**241**	**Protective Service Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/4**
X	**H304**	**242**	**Vent Instruction Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/7**
X	**H305**	**257**	**Tariff Application Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**

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** 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**	**ID 1/1**
M	**V502**	**597**	**Vessel Code** Code identifying vessel [52-02] IRCS (DG 9900) Enter IRCS. SOURCE: Lloyd's Register of Shipping	**M**	**ID 1/8**
M	**V503**	**26**	**Country Code** 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, Geopolitical Entities, Names, and Codes (GENC), is represented in the National System for Geospatial Intelligence (NSG) GENC Registry and mirrored at http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.	**M**	**ID 2/3**

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**
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**
X	**N704**	**187**	**Weight Qualifier**	**X**	**ID 1/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**N705**	**167**	**Tare Weight**	**X**	**N0 3/8**
X	**N706**	**232**	**Weight Allowance**	**O**	**N0 2/6**
X	**N707**	**205**	**Dunnage**	**O**	**N0 1/6**
X	**N708**	**183**	**Volume**	**X**	**R 1/8**
X	**N709**	**184**	**Volume Unit Qualifier**	**X**	**ID 1/1**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**N710**	**102**	**Ownership Code**	**O**	**ID 1/1**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**N711**	**40**	**Equipment Description Code**	**O**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**N712**	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**
X	**N713**	**319**	**Temperature Control**	**O**	**AN 3/6**
X	**N714**	**219**	**Position**	**O**	**AN 1/3**
X	**N715**	**567**	**Equipment Length**	**O**	**N0 4/5**
X	**N716**	**571**	**Tare Qualifier Code**	**X**	**ID 1/1**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**N717**	**188**	**Weight Unit Code**	**O**	**ID 1/1**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**N718**	**761**	**Equipment Number Check Digit**	**O**	**N0 1/1**
X	**N719**	**56**	**Type of Service Code**	**O**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**N720**	**65**	**Height**	**O**	**R 1/8**
X	**N721**	**189**	**Width**	**O**	**R 1/8**
X	**N722**	**24**	**Equipment Type**	**O**	**ID 4/4**

X	**N723**	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**
X	**N724**	**301**	**Car Type Code**	**O**	**ID 1/4**

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		
>>	**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** 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**	**AN 1/4**
M	**NA04**	**207**	**Equipment Number** 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.)	**M**	**AN 1/10**
	NA05	**231**	**Cross Reference Type Code** 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	**O**	**ID 1/1**
	NA06	**219**	**Position** 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	**O**	**AN 1/3**
X	**NA07**	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**
X	**NA08**	**567**	**Equipment Length**	**O**	**N0 4/5**
X	**NA09**	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**
X	**NA10**	**845**	**Chassis Type** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**NA11**	**1073**	**Yes/No Condition or Response Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**

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** 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.	**M**	**AN 2/15**
	M702	**225**	**Seal Number** Unique number on seal used to close a shipment [15-02] Additional Equipment Seal Number (DG 9700)	**O**	**AN 2/15**
	M703	**225**	**Seal Number** Unique number on seal used to close a shipment [15-03] Additional Equipment Seal Number (DG 9700)	**O**	**AN 2/15**
	M704	**225**	**Seal Number** Unique number on seal used to close a shipment [15-04] Additional Equipment Seal Number (DG 9700)	**O**	**AN 2/15**
>>	**M705**	**98**	**Entity Identifier Code** 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	**O**	**ID 2/3**

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** 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)	**M ID 2/3**

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** 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.	**X**	**AN 1/60**
	N103	**66**	**Identification Code Qualifier** 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.	**X**	**ID 1/2**
			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** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**N106**	**98**	**Entity Identifier Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/3**

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** 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)	**M**	**AN 1/60**
X	**N202**	**93**	**Name**	**O**	**AN 1/60**

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** 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.	**M**	**AN 1/55**
	N302	**166**	**Address Information** 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.	**O**	**AN 1/55**

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** 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)	**O**	**AN 2/30**
N402	**156**	**State or Province Code** 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	**O**	**ID 2/2**
N403	**116**	**Postal Code** 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	**O**	**ID 3/15**

			[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** 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.	**O**	**ID 2/3**
X	**N405**	**309**	**Location Qualifier** Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 1/2**
X	**N406**	**310**	**Location Identifier**	**O**	**AN 1/30**

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**
>>	**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**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**PER06**	**364**	**Communication Number**	**X**	**AN 1/80**
X	**PER07**	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**PER08**	**364**	**Communication Number**	**X**	**AN 1/80**
X	**PER09**	**443**	**Contact Inquiry Reference**	**O**	**AN 1/20**

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 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**

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** Prefix or alphabetic part of an equipment unit's identifying number	**O AN 1/4**

[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 - 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		
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**
X	**N704**	**187**	**Weight Qualifier**	**X**	**ID 1/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**N705**	**167**	**Tare Weight**	**X**	**N0 3/8**
X	**N706**	**232**	**Weight Allowance**	**O**	**N0 2/6**
X	**N707**	**205**	**Dunnage**	**O**	**N0 1/6**
>>	**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**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**N711**	**40**	**Equipment Description Code**	**O**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**N712**	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**
X	**N713**	**319**	**Temperature Control**	**O**	**AN 3/6**
	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** 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.	**O**	**N0 4/5**
X	**N716**	**571**	**Tare Qualifier Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 1/1**
X	**N717**	**188**	**Weight Unit Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
	N718	**761**	**Equipment Number Check Digit** 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.	**O**	**N0 1/1**
X	**N719**	**56**	**Type of Service Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**N720**	**65**	**Height**	**O**	**R 1/8**
X	**N721**	**189**	**Width**	**O**	**R 1/8**
X	**N722**	**24**	**Equipment Type**	**O**	**ID 4/4**
>>	**N723**	**140**	**Standard Carrier Alpha Code** 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.	**O**	**ID 2/4**
X	**N724**	**301**	**Car Type Code**	**O**	**ID 1/4**

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** 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.	**M**	**AN 2/15**
X	**M702**	**225**	**Seal Number**	**O**	**AN 2/15**
X	**M703**	**225**	**Seal Number**	**O**	**AN 2/15**
X	**M704**	**225**	**Seal Number**	**O**	**AN 2/15**
X	**M705**	**98**	**Entity Identifier Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/3**

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** 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.	**O**	**N0 4/5**
X	**N502**	**233**	**Weight Capacity**	**O**	**N0 2/3**
X	**N503**	**203**	**Cubic Capacity**	**O**	**N0 2/4**
X	**N504**	**301**	**Car Type Code**	**O**	**ID 1/4**
X	**N505**	**216**	**Metric Qualifier** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**N506**	**65**	**Height**	**O**	**R 1/8**
X	**N507**	**643**	**Lading Percentage**	**X**	**N2 2/4**
X	**N508**	**644**	**Lading Percent Qualifier** Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 1/1**
X	**N509**	**40**	**Equipment Description Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**

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)
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** 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)	**M ID 2/3**

CHANGE NOTE: Replace code value 'BE' with 'IL' per DM 847.
[122-01] Type of Shipment Code Qualifier (DG 3001)
[192-01] Classified Shipment Container Number Qualifier (DG 9013)
[193-01] Controlled Inventory Item Code Qualifier (DG 9013)
[214-01] POE Qualifier Code (DG 9801)
[215-01] POD Qualifier Code (DG 9801)

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** A free-form description to clarify the related data elements and their content	**X**	**AN 1/80**

[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.		
	C04003	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**
			Code qualifying the Reference Identification		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	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		
	C04005	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**
			Code qualifying the Reference Identification		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	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**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**VC03**	**837**	**Vehicle Type Code**	**O**	**ID 1/1**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**VC04**	**838**	**Dealer Code**	**O**	**AN 2/9**
X	**VC05**	**1**	**Route Code**	**O**	**AN 1/13**
X	**VC06**	**839**	**Bay Location**	**O**	**AN 1/6**
X	**VC07**	**833**	**Automotive Manufacturers Code**	**O**	**ID 2/2**
X	**VC08**	**308**	**Damage Exception Indicator**	**O**	**ID 1/1**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**VC09**	**835**	**Supplemental Inspection Code**	**O**	**ID 1/1**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**VC10**	**583**	**Factory Car Order Number**	**O**	**AN 6/10**
X	**VC11**	**877**	**Vessel Stowage Location**	**O**	**AN 1/12**

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**
X	**L702**	**168**	**Tariff Agency Code**	**O**	**ID 1/4**
>>	**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**
X	**L706**	**170**	**Tariff Item Part**	**O**	**N0 1/2**
X	**L707**	**59**	**Freight Class Code**	**O**	**AN 2/5**
X	**L708**	**173**	**Tariff Supplement Identifier**	**O**	**AN 1/4**
X	**L709**	**46**	**Ex Parte**	**O**	**AN 4/4**
X	**L710**	**373**	**Date**	**O**	**DT 8/8**
X	**L711**	**119**	**Rate Basis Number**	**O**	**AN 1/6**
X	**L712**	**227**	**Tariff Column**	**O**	**AN 1/2**
X	**L713**	**294**	**Tariff Distance**	**O**	**N0 1/5**
X	**L714**	**295**	**Distance Qualifier**	**O**	**ID 1/1**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**L715**	**19**	**City Name**	**O**	**AN 2/30**
X	**L716**	**156**	**State or Province Code**	**O**	**ID 2/2**

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)
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.

[224] N9 SEGMENT - Equivalent Pallet Positions (DG 9801)
[225] N9 SEGMENT - Air Special Handling Code (DG 9801)

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
	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**
X	**N905**	**337**	**Time**	**X**	**TM 4/8**
X	**N906**	**623**	**Time Code**	**O**	**ID 2/2**
			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** Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/3**
>>	**H302**	**153**	**Special Handling Description** 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	**X**	**AN 2/30**
X	**H303**	**241**	**Protective Service Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/4**
X	**H304**	**242**	**Vent Instruction Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/7**
X	**H305**	**257**	**Tariff Application Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**

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**
>>	**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 [72-04] Mutually defined Use 'Z' to denote Air Commodity Code [105-04] Mutually defined Use 'Z' to denote Air Commodity Code [133-04] Mutually defined Use 'Z' to denote Air Commodity Code		
X	**L505**	**103**	**Packaging Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**AN 3/5**
	L506	**87**	**Marks and Numbers** Marks and numbers used to identify a shipment or parts of a shipment [183-06] POV Color (DG 8001) Enter predominate POV color.	**X**	**AN 1/48**
X	**L507**	**88**	**Marks and Numbers Qualifier** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/2**
	L508	**23**	**Commodity Code Qualifier** 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	**X**	**ID 1/1**
	L509	**22**	**Commodity Code** 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**	**AN 1/30**
X	**L510**	**595**	**Compartment ID Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**

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** 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.	**O**	**N0 1/1**
>>	**Y702**	**470**	**Priority Code** 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.	**X**	**N0 1/1**
>>	**Y703**	**471**	**Priority Code Qualifier** 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**	**AN 1/1**
X	**Y704**	**468**	**Port Call File Number**	**O**	**N0 4/4**

X	**Y705**	**373**	**Date**	**O**	**DT 8/8**

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)
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** 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)	**X ID 2/2**

[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 [228-03] Earliest Requested Deliver Time Use 'G' to denote Oldest Piece Time	
			R	Actual Arrival Time [80-03] Actual Arrival Time Use 'R' to denote Actual Date (UTC) of Cargo Arrival at APOE	
>>	**G6204**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) [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.			**X**	**TM 4/8**
	G6205	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow [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			**O**	**ID 2/2**

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** 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)	**O ID 3/3**

[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**
X	**L003**	**221**	**Billed/Rated-as Qualifier**	**X**	**ID 2/2**
			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 [83-09] On Own Wheel Use 'WHE' to denote RORO (roll-off, roll-on) [113-09] On Own Wheel Use 'WHE' to denote RORO [140-09] On Own Wheel Use 'WHE' to denote RORO (roll-off, roll-on) WRP Wrapped [83-09] Wrapped [140-09] Wrapped		
>>	**L010**	**458**	**Dunnage Description** 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'.	**O**	**AN 2/25**
>>	**L011**	**188**	**Weight Unit Code** 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	**O**	**ID 1/1**
X	**L012**	**56**	**Type of Service Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**L013**	**380**	**Quantity**	**X**	**R 1/15**
X	**L014**	**211**	**Packaging Form Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 3/3**
X	**L015**	**1073**	**Yes/No Condition or Response Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 1/1**

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** 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)	**O ID 2/2**
			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** 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	**O**	**ID 1/3**
>>	**MEA03**	**739**	**Measurement Value** 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] NEW (DG 7001) Enter NEW in pounds. [235-03] Pallet Height (DG 9801) Enter Pallet Height in inches.	**X**	**R 1/20**
X	**MEA04**	**C001**	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	**X**	
X	**C00101**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	**M**	**ID 2/2**
X	**C00102**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
X	**C00103**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
X	**C00104**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**C00105**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
X	**C00106**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**

X	**C00107**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**C00108**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
X	**C00109**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
X	**C00110**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**C00111**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
X	**C00112**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
X	**C00113**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**C00114**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
X	**C00115**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
X	**MEA05**	**740**	**Range Minimum**	**X**	**R 1/20**
X	**MEA06**	**741**	**Range Maximum**	**X**	**R 1/20**
X	**MEA07**	**935**	**Measurement Significance Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**MEA08**	**936**	**Measurement Attribute Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
X	**MEA09**	**752**	**Surface/Layer/Position Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**MEA10**	**1373**	**Measurement Method or Device** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/4**

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** 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**	**ID 2/2**
M	**LH102**	**80**	**Lading Quantity** 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.	**M**	**N0 1/7**
	LH103	**277**	**UN/NA Identification Code** 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	**O**	**ID 6/6**
X	**LH104**	**200**	**Hazardous Materials Page**	**O**	**AN 1/6**

	LH105	**22**	**Commodity Code** 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	**O**	**AN 1/30**
>>	**LH106**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken [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.	**O**	**ID 2/2**
	LH107	**380**	**Quantity** 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.	**O**	**R 1/15**
X	**LH108**	**595**	**Compartment ID Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**LH109**	**665**	**Residue Indicator Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
	LH110	**254**	**Packing Group Code** 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	**O**	**ID 1/3**
X	**LH111**	**1375**	**Interim Hazardous Material Regulatory Number**	**O**	**AN 1/5**

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		
X	**LH202**	**983**	**Hazardous Class Qualifier**	**O**	**ID 1/1**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**LH203**	**218**	**Hazardous Placard Notation**	**O**	**ID 14/40**
X	**LH204**	**222**	**Hazardous Endorsement**	**O**	**ID 4/25**
	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		
	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**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**LH209**	**408**	**Temperature**	**X**	**R 1/4**
X	**LH210**	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**LH211**	**408**	**Temperature**	**X**	**R 1/4**

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** 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	**X AN 1/25**
>>	**LH302**	**984**	**Hazardous Material Shipping Name Qualifier** 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 ID 1/1**
X	**LH303**	**985**	**N.O.S. Indicator Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O ID 3/3**
X	**LH304**	**1073**	**Yes/No Condition or Response Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O ID 1/1**

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** 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	**M ID 3/3**

			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_TYPE_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**

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**
X	**FA103**	**248**	**Allowance or Charge Indicator**	**O**	**ID 1/1**
			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	
			A1	Department Indicator	
				[85-01] Department Indicator [116-01] Department Indicator [142-01] Department Indicator	
			A2	Transfer from Department	
				[85-01] Transfer from Department [116-01] Transfer from Department [142-01] Transfer from Department	
			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 [116-01] Basic Symbol Number [142-01] Basic Symbol Number	
			A5	Sub-class	
				[85-01] Sub-class [116-01] Sub-class [142-01] Sub-class	
			A6	Sub-Account Symbol	
				[85-01] Sub-Account Symbol [116-01] Sub-Account Symbol [142-01] Sub-Account Symbol	

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 [116-01] Budget Sub-activity Number [142-01] Budget Sub-activity Number
B3	Budget Program Activity
	[85-01] Budget Program Activity [116-01] Budget Program Activity [142-01] Budget Program Activity
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
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 [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
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
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)
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 [116-01] Accounting Installation Number [142-01] Accounting Installation Number
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
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

			TA	Transportation Account Code (TAC) [85-01] Transportation Account Code (TAC) [116-01] Transportation Account Code (TAC) [142-01] Transportation Account Code (TAC)	
			ZZ	Mutually Defined [85-01] Mutually Defined [116-01] Mutually Defined [142-01] Mutually Defined	
M	**FA202**	**1195**	**Financial Information Code** 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.	**M**	**AN 1/80**

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**
X	**NM107**	**1039**	**Name Suffix**	**O**	**AN 1/10**

>>	**NM108**	**66**	**Identification Code Qualifier** 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	**X**	**ID 1/2**
>>	**NM109**	**67**	**Identification Code** 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**	**AN 2/80**
X	**NM110**	**706**	**Entity Relationship Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
X	**NM111**	**98**	**Entity Identifier Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/3**

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** 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.	**M**	**AN 1/55**
	N302	**166**	**Address Information** 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.	**O**	**AN 1/55**

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** 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)	**M ID 2/3**

			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**

Refer to 004010 Data Element Dictionary for acceptable code values.

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

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** Numeric value of weight [238-01] Manifest Total Weight (DG 9802)	**X**	**R 1/10**
>>	**L302**	**187**	**Weight Qualifier** Code defining the type of weight [238-02] Weight Qualifier (DG 9802) G Gross Weight [238-02] Gross Weight	**X**	**ID 1/2**
X	**L303**	**60**	**Freight Rate**	**X**	**R 1/9**
X	**L304**	**122**	**Rate/Value Qualifier** Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
X	**L305**	**58**	**Charge**	**O**	**N2 1/12**
X	**L306**	**191**	**Advances**	**O**	**N2 1/9**
X	**L307**	**117**	**Prepaid Amount**	**O**	**N2 1/9**
X	**L308**	**150**	**Special Charge or Allowance Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 3/3**
>>	**L309**	**183**	**Volume** Value of volumetric measure [238-09] Manifest Total Cube (DG 9802)	**X**	**R 1/8**
>>	**L310**	**184**	**Volume Unit Qualifier** Code identifying the volume unit [238-10] Volume Unit Qualifier (DG 9802) E Cubic Feet [238-10] Cubic Feet	**X**	**ID 1/1**
>>	**L311**	**80**	**Lading Quantity** Number of units (pieces) of the lading commodity [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.	**O**	**N0 1/7**

>>	**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**
X	**L314**	**74**	**Declared Value**	**X**	**N2 2/12**
X	**L315**	**122**	**Rate/Value Qualifier**	**X**	**ID 2/2**
			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** 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 N0 1/10**
M	**SE02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set [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.	**M AN 4/9**

Section 4.0

IC ELEMENT MATRIX

OVERVIEW

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

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** 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.	M			1	010	M	1								
1-01	10	Transaction Set Identifier Code 858 - Shipment Information	M	ID	3/3	1	010	M	1				ST01	143	M	ID	3/3
							The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).										
1-02	10	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set. The application and structure of the control number must be agreed upon between trading partners. (For example, some applications use all nine digits where the first five might indicate a group control number and the last four represent the sequence of the transaction set within the functional group. Also, the entire nine digit field may simply represent the sequence of the transaction set generated by a trading partner.)	M	AN	4/9	1	010	M	1				ST02	329	M	AN	4/9
2	10	**BX SEGMENT - Truck/Water/Air Manifest Information** 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).	M			1	030	M	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		
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 *Use 'WF' to denote Dispatch Number.*	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 *Use 'RE' to denote Transportation Movement Release.*	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 Enter Transportation Movement Release Date using format CCYYMMDD.	C	DT	8/8	1	060	O	30				N904	373	O	DT	8/8
6	9700	**G62 SEGMENT - Manifest Prepared Date (UTC)** SEGMENT CONDITION: Required and used only for truck 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.										
6-01	9700	Manifest Prepared Date Qualifier 85 - Date Issued	M	ID	2/2	1	110	O	10				G6201	432	C	ID	2/2
6-02	9700	Manifest Prepared Date (UTC) Enter the date on which the motor manifest was printed at the origin installation using format CCYYMMDD.	M	DT	8/8	1	110	O	10				G6202	373	C	DT	8/8
7	9700	**G62 SEGMENT - Desired Delivery Date (UTC)** SEGMENT CONDITION: Required and used only for truck manifest. Assign date based on shipment priority and estimated delivery time.	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.										
7-01	9700	Desired Delivery Date Qualifier 68 - Requested Delivery Date *Use '68' to denote Desired Delivery Date.*	M	ID	2/2	1	110	O	10				G6201	432	C	ID	2/2
7-02	9700	Desired Delivery Date (UTC) Use date format CCYYMMDD.	M	DT	8/8	1	110	O	10				G6202	373	C	DT	8/8
8	9700	**G62 SEGMENT - Carrier's Pickup Date and Time (UTC)** SEGMENT CONDITION: Required and used only for truck manifest. Data value is determined from the date/time carrier signs for the cargo.	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.										
8-01	9700	Carrier's Pickup Date Qualifier 86 - Actual Pickup Date	M	ID	2/2	1	110	O	10				G6201	432	C	ID	2/2
8-02	9700	Carrier's Pickup Date (UTC) Carrier's Pickup Date using format CCYYMMDD.	M	DT	8/8	1	110	O	10				G6202	373	C	DT	8/8
8-03	9700	Carrier's Pickup Time Qualifier 8 - Actual Pickup 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		
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) *Use 'EF' to denote Emergency Contact - Military Surface Deployment and Distribution Command (SDDC).*	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 *Use 'ADD' to denote Shipping Instructions to the Consignee or to the Carrier.*	M	ID	3/3	1	280	O	50				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		
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 *Use 'RFL' to denote Active RFID Tag Serial Number.*	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 98 - Container/Packaging Specification Number EQ - Equipment Number *Use 'EQ' to denote Prime Mover (no load).* ER - Container or Equipment Receipt Number *Use 'ER' to denote Container Chassis.* MCI - Motor Carrier Identification Number *Use 'MCI' to denote Loaded Truck Conveyance.* T5 - Trailer Use Agreements *Use 'T5' to denote Loaded Trailer Conveyance.*	M	ID	2/3	1	335	O	30	600	1	N7	NA01	128	O	ID	2/3
14-02	9700	Carrier Equipment ID Number 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	AN	1/30	1	335	O	30	600	1	N7	NA02	127	C	AN	1/30
14-03	9700	Transportation Equipment Type Code Use to identify equipment furnished by carrier. See DTR Part II, Appendix G, Attachment 3.	M	AN	1/4	1	335	O	30	600	1	N7	NA03	206	M	AN	1/4
							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 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.)	M	AN	4/6	1	335	O	30	600	1	N7	NA04	207	M	AN	1/10
							NA04 contains the equipment number of an associated shipment.										
14-05	9700	Temperature Scale Qualifier C - Prior Load Credit *Use 'C' to denote Centigrade.* F - Conveying Flat Car *Use 'F' to denote Fahrenheit.*	C	ID	1/1	1	335	O	30	600	1	N7	NA05	231	O	ID	1/1
14-06	9700	Reefer Compartment Reference Number ELEMENT CONDITION: Enter Reefer Compartment Reference Number if temperature is contained in NA04	C	AN	1/3	1	335	O	30	600	1	N7	NA06	219	O	AN	1/3

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		
15	9700	**M7 SEGMENT - Equipment Seals** SEGMENT CONDITION: Use for truck manifest if seals are applied to the equipment. Use a separate M7 segment for each different applier of seals.	C			1	340	O	5	600	1	N7					
15-01	9700	Equipment Seal Number Additional seal numbers applied by this same entity should be carried in M702, M703, and M704. Use additional M7 segments as required.	M	AN	2/15	1	340	O	5	600	1	N7	M701	225	M	AN	2/15
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 CA - Carrier SH - Shipper	M	ID	2/2	1	340	O	5	600	1	N7	M705	98	O	ID	2/3
							M705 indicates the name of the organization which applied the seal(s).										
16	9700	**N1 SEGMENT - Motor Carrier Name** SEGMENT CONDITION: Required and used only for truck 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.										
16-01	9700	Motor Carrier Name (CA) Qualifier CA - Carrier	M	ID	2/2	1	390	O	1	12	1	N1	N101	98	M	ID	2/3
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)** SEGMENT CONDITION: Required and used only for truck manifest. Identifies the delivery location.	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.										
17-01	9700	Manifest Destination (ST) Name Qualifier ST - Ship To *Use 'ST' to denote Manifest Destination Name.*	M	ID	2/2	1	390	O	1	12	1	N1	N101	98	M	ID	2/3
17-02	9700	Manifest Destination (ST) Name Enter Manifest Destination Name.	M	AN	1/35	1	390	O	1	12	1	N1	N102	93	C	AN	1/60

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
17-03	9700	Manifest Destination (ST) 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 *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.*	C	ID	2/2	1	390	O	1	12	1	N1	N103	66	C	ID	1/2
17-04	9700	Manifest Destination (ST) 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.	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.										
18	9700	**N2 SEGMENT - Manifest Destination (ST) Name Additional Text** SEGMENT CONDITION: Use for truck manifest if additional text is needed to identify the Manifest Destination Name.	C			1	400	O	2	12	1	N1					
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** 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.	C			1	410	O	2	12	1	N1					
19-01	9700	Manifest Destination (ST) Street Address or Clear Text Delivery Instructions Enter Manifest Destination Street Address or Clear Text Delivery Location. Use N3 segment twice if required.	M	AN	1/35	1	410	O	2	12	1	N1	N301	166	M	AN	1/55

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
19-02	9700	Manifest Destination (ST) Street Address or Clear Text Delivery Instructions ELEMENT CONDITION: Use as required for Manifest Destination Street Address or for Clear Text Delivery Instructions.	C	AN	1/35	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** SEGMENT CONDITION: Provide for truck manifest if available.	C			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 AU - Defense Switched Network IT - International Telephone TE - Telephone	M	ID	2/2	1	440	O	3	12	1	N1	PER03	365	C	ID	2/2
21-04	9700	Manifest Destination (ST) Point of Contact Phone Number Include area codes and extension numbers, if available.	M	AN	7/21	1	440	O	3	12	1	N1	PER04	364	C	AN	1/80
22	9700	**N1 SEGMENT - Manifest Origin (SF)** SEGMENT CONDITION: Required and used only for truck manifest. Identifies the pick-up location.	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.										
22-01	9700	Manifest Origin (SF) Name Qualifier SF - Ship From *Use 'SF' to denote Manifest Origin Name.*	M	ID	2/2	1	390	O	1	12	1	N1	N101	98	M	ID	2/3
22-02	9700	Manifest Origin (SF) Name Enter name of pick-up location.	M	AN	1/35	1	390	O	1	12	1	N1	N102	93	C	AN	1/60
22-03	9700	Manifest Origin (SF) 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 *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.*	C	ID	2/2	1	390	O	1	12	1	N1	N103	66	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		
22-04	9700	Manifest Origin (SF) 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 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.	O	1	12	1	N1	N104	67	C	AN	2/80
23	9700	**N2 SEGMENT - Manifest Origin (SF) Name Additional Text** SEGMENT CONDITION: Use for truck manifest if additional text is needed to identify the Manifest Origin Name.	C			1	400	O	2	12	1	N1					
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** 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.	C			1	410	O	2	12	1	N1					
24-01	9700	Manifest Origin (SF) Street Address or Clear Text Pickup Instructions Use for Origin Address or for Clear Text Pickup Instructions.	M	AN	1/35	1	410	O	2	12	1	N1	N301	166	M	AN	1/55
24-02	9700	Manifest Origin (SF) Street Address or Clear Text Pickup Instructions Use for Origin Address or for Clear Text Pickup Instructions.	C	AN	1/35	1	410	O	2	12	1	N1	N302	166	O	AN	1/55
25	9700	**N4 SEGMENT - Manifest Origin (SF) City/State/ZIP/Country** SEGMENT CONDITION: Use for truck manifest if parsed origin address information is available.	C			1	420 If N406 is present, then N405 is required.	O	1	12	1	N1					
25-01	9700	Manifest Origin (SF) City	C	AN	2/19	1	420 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.	O	1	12	1	N1	N401	19	O	AN	2/30
25-02	9700	Manifest Origin (SF) State 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 N402 is required only if city name (N401) is in the U.S. or Canada.	O	1	12	1	N1	N402	156	O	ID	2/2

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
25-03	9700	Manifest Origin (SF) 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	3/15	1	420	O	1	12	1	N1	N403	116	O	ID	3/15
25-04	9700	Manifest Origin (SF) Country Code 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.	C	ID	2/3	1	420	O	1	12	1	N1	N404	26	O	ID	2/3
26	9700	**PER SEGMENT - Manifest Origin (SF) Point of Contact** SEGMENT CONDITION: Provide for truck manifest if available.	C			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.										
26-01	9700	Manifest Origin (SF) Point of Contact Qualifier EM - Emergency Contact	M	ID	2/2	1	440	O	3	12	1	N1	PER01	366	M	ID	2/2
26-03	9700	Phone Number Qualifier AU - Defense Switched Network IT - International Telephone TE - Telephone	M	ID	2/2	1	440	O	3	12	1	N1	PER03	365	C	ID	2/2
26-04	9700	Manifest Origin (SF) Point of Contact Phone Number (SF) Include area codes and extension numbers, if available.	M	AN	7/21	1	440	O	3	12	1	N1	PER04	364	C	AN	1/80
27	9700	**N1 SEGMENT - Shipper (SH)** 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.	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.										

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 *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.*	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 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.	O	1	12	1	N1	N104	67	C	AN	2/80
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** SEGMENT CONDITION: Required and used only for truck manifest for Shipper Address or for Clear Text Shipper Location Instructions.	C			1	410	O	2	12	1	N1					
29-01	9700	Shipper (SH) Street Address or Clear Text Location Instructions Enter Shipper Street Address or Clear Text Shipper Instructions.	M	AN	1/35	1	410	O	2	12	1	N1	N301	166	M	AN	1/55
29-02	9700	Shipper (SH) Street Address or Clear Text Location Instructions ELEMENT CONDITION: Use as required for Shipper Street Address or for Clear Text Location Instructions. Use N3 segment twice if required.	C	AN	1/35	1	410	O	2	12	1	N1	N302	166	O	AN	1/55
30	9700	**N4 SEGMENT - Shipper (SH) City/State/ZIP/Country** SEGMENT CONDITION: Use for truck manifest if parsed Shipper Address information is available.	C			1	420	O	1	12	1	N1					
							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 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.										
30-03	9700	Shipper (SH) ZIP Code/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	3/15	1	420	O	1	12	1	N1	N403	116	O	ID	3/15
30-04	9700	Shipper (SH) Country Code 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.	C	ID	2/3	1	420	O	1	12	1	N1	N404	26	O	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		
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 *Use 'AAO' to denote Aircraft Model and Series Number.*	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 *Use 'AC' to denote Type of Manifest.*	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 *Use '70' to denote Fiscal Year.*	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	127	O	AN	1/30
							CM15 is the vessel agent number.										
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 *Use 'BR' to denote Flight Departure Date.*	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 *Use '17' to denote Estimated Arrival Date at Destination Air Terminal.*	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 *Use '9' to denote Estimated Arrival Time at Destination Air Terminal.*	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) *Use 'O' to denote Air Manifest Origin Terminal.*	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 IB - Issue Location *Use 'IB' to denote ICAO Code.* IM - Military Standard Movement Procedures (MILSTAMP) *Use 'IM' to denote Air Terminal Identifier Code.*	M	ID	2/2	1	180	O	5				R402	309	C	ID	1/2
38-03	9800	Air Manifest Origin Terminal Code (APOE) 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]	M	AN	3/4	1	180	O	5				R403	310	C	AN	1/30
39	9800	**R4 SEGMENT - Air Manifest Destination Terminal Code (APOD)** 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.										
39-01	9800	Air Manifest Destination Qualifier D - Port of Discharge (Operational) *Use 'D' to denote Air Manifest Destination Terminal.*	M	ID	1/1	1	180	O	5				R401	115	M	ID	1/1
39-02	9800	Air Terminal Code Qualifier IB - Issue Location *Use 'IB' to denote ICAO Code.* IM - Military Standard Movement Procedures (MILSTAMP) *Use 'IM' to denote Air Terminal Identifier Code.*	M	ID	2/2	1	180	O	5				R402	309	C	ID	1/2
39-03	9800	Air Manifest Destination Terminal Code (APOD) 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]	M	AN	3/4	1	180	O	5				R403	310	C	AN	1/30
39-06	9800	Air Manifest Destination Text Enter in-the-clear Air Manifest Destination. [TAA 30/44]	M	AN	2/30	1	180	O	5				R406	174	O	AN	2/30
40	9800	**NTE SEGMENT - Onward Mode Method Code** SEGMENT CONDITION: Required and used only for air manifest.	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.										

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 *Use 'AAA' to denote Onward Mode/Method Code.*	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 *Use 'VA' to denote Vessel Status Code.*	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 *Use 'U2' to denote Terms of Carriage Code.*	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 *Use 'E9' to denote Vessel Sustaining Code.* 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 Use the following values to denote the DoD definitions as indicated: L - LASH Vessel S - SEABEE [TAJ 50/50]	M	AN	1/1	1	060	O	30				N902	127	C	AN	1/30
46	9900	**N9 SEGMENT - Voyage Manifest Reference 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.										
46-01	9900	Voyage Manifest Reference Code Qualifier 6R - Provider Control Number *Use '6R' to denote Voyage Manifest Reference Code.* 70 - Calendar Number	M	ID	2/2	1	060	O	30				N901	128	M	ID	2/3
46-02	9900	Voyage Manifest Reference Code Enter single-character Voyage Manifest Reference Code. See DTR, Part II, Appendix XX. [TAJ 27/27]	M	AN	1/1	1	060	O	30				N902	127	C	AN	1/30
47	9900	**CM SEGMENT - Manifest Information** SEGMENT CONDITION: Required and used only for water manifest.	C			1	065	O	3								
							If CM04 is present, then CM02 is required.										
47-01	9900	VOYDOC Enter Voyage Document Number from DTR, Part II, Appendix WW. [TAJ 19/23]	M	AN	5/5	1	065	O	3				CM01	55	O	AN	2/10
47-04	9900	Manifest Adjustment Date (UTC) 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]	C	DT	8/8	1	065	O	3				CM04	373	O	DT	8/8
							CM04 is qualified by CM02.										
47-09	9900	Vessel Name 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]	C	AN	2/28	1	065	O	3				CM09	182	O	AN	2/28

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		
47-11	9900	Vessel Class ELEMENT CONDITION: Enter Vessel Class (ship type) if vessel is unnamed. [TAJ 30/46]	C	AN	2/14	1	065	O	3				CM11	112	O	AN	2/14
47-12	9900	Vessel Hull Number ELEMENT CONDITION: Enter Vessel Hull Number. Required if ship is unnamed or has no IRCS. [TAJ 30/46]	C	AN	2/20	1	065	O	3				CM12	174	O	AN	2/30
47-15	9900	DoD Ship Identifier Enter DoD Ship Identifier. ELEMENT CONDITION: Required if ship is unnamed and has no IRCS. SOURCE: Table Management Distribution System (TMDS)	C	AN	1/30	1	065	O	3				CM15	127	O	AN	1/30
							CM15 is the vessel agent number.										
47-16	9900	Manifest Adjustment Indicator ELEMENT CONDITION: Use only for manifest adjustments (that is, when BX01 contains code value '04'). [T_J 4/4] AI - Supply Additional Information *Use 'AI' to denote Add to Manifest (Supplement).* CO - Correction *Use 'CO' to denote Correct Transaction (Manifest).* CP - Correct Container or Consolidation Contents *Use 'CP' to denote Correct Shipment.* DE - Delete Event *Use 'DE' to denote Delete Transaction (Manifest).* DP - Delete Container or Consolidation Contents *Use 'DP' to denote Delete Shipment.*	C	ID	2/2	1	065	O	3				CM16	202	O	ID	2/2
48	9900	**G62 SEGMENT - Vessel Sail Date (UTC)** SEGMENT CONDITION: Required and used only for water 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.										
48-01	9900	Vessel Sail Date Qualifier 05 - Sailing Date	M	ID	2/2	1	110	O	10				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		
48-02	9900	Vessel Sail Date (UTC) 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]	M	DT	8/8	1	110	O	10				G6202	373	C	DT	8/8
49	9900	**R4 SEGMENT - Manifest Origin Seaport Identifier Code** SEGMENT CONDITION: Required and used only for water 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.										
49-01	9900	Origin Seaport Identifier Code Qualifier O - Origin (Operational) *Use 'O' to denote Origin Shipment.*	M	ID	1/1	1	180	O	5				R401	115	M	ID	1/1
49-02	9900	Seaport Qualifier VS - Vessel Stowage Location *Use 'VS' to denote Seaport.*	M	ID	2/2	1	180	O	5				R402	309	C	ID	1/2
49-03	9900	Manifest Origin Seaport Identifier Code Enter Manifest Origin Seaport Identifier Code. See DTR, Part II, Appendix MM. [TAJ 9/11]	M	AN	3/3	1	180	O	5				R403	310	C	AN	1/30
50	9900	**R4 SEGMENT - Manifest Destination Seaport Identifier Code** SEGMENT CONDITION: Required and used only for water 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.										
50-01	9900	Destination Seaport Identifier Code Qualifier M - Destination (Operational) *Use 'M' to denote Destination Seaport.*	M	ID	1/1	1	180	O	5				R401	115	M	ID	1/1
50-02	9900	Seaport Qualifier VS - Vessel Stowage Location *Use 'VS' to denote Seaport.*	M	ID	1/2	1	180	O	5				R402	309	C	ID	1/2
50-03	9900	Manifest Destination Seaport Identifier Code Enter Manifest Destination Seaport Identifier Code. See DTR, Part II, Appendix MM. [TAJ 24/26]	M	AN	3/3	1	180	O	5				R403	310	C	AN	1/30

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
51	9900	**H3 SEGMENT - No-Dunnage Indicator** SEGMENT CONDITION: Use this segment for water manifest to indicate there is no dunnage for shipment.	C			1	200 Only one of H301 or H302 may be present.	O	20								
51-02	9900	No-Dunnage Indicator To indicate no dunnage, enter value 'NODUN'.	M	AN	5/5	1	200	O	20				H302	153	C	AN	2/30
52	9900	**V5 SEGMENT - IRCS** SEGMENT CONDITION: Use for fow water manifest to identify vessels with IRCS. For barges without IRCS, hull number is required in CM12.	C			1	212	O	1								
52-01	9900	IRCS Code Qualifier C - Ship's Radio Call Signal	M	ID	1/1	1	212	O	1				V501	897	M	ID	1/1
52-02	9900	IRCS Enter IRCS. SOURCE: Lloyd's Register of Shipping [TAJ 52/59]	M	ID	1/8	1	212	O	1				V502	597	M	ID	1/8
52-03	9900	X12 Mandatory Element 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.	M	ID	2/2	1	212	O	1				V503	26	M	ID	2/3
53	9900	**NTE SEGMENT - Additional Manifest Information** SEGMENT CONDITION: Use for water manifest for Additional Manifest Information.	C			1	280 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.	O	50								
53-01	9900	Note Reference Code ADD - Additional Information	M	ID	3/3	1	280	O	50				NTE01	363	O	ID	3/3
53-02	9900	Miscellaneous Manifest Information Enter additional required data (e.g., actual loading activity if other than the WPOE, transshipping data, etc.) [TAJ 60/80]	M	AN	1/80	1	280	O	50				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		
54	1001	**HL SEGMENT - Single Shipment Unit (T_0/1/4)** 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.	M			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 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.								
54-02	1001	Hierarchical Parent ID Number 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.	C	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.										
54-03	1001	Hierarchical Level Code 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 *Use '1' to denote DG 1001 (and related DG 1014) Heirarchical Level.*	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.										
55	1001	**N7 SEGMENT - Empty SEAVAN Details** SEGMENT CONDITION: Use for empty SEAVAN only.	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.										
55-01	1001	Empty SEAVAN Ownership Code 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]	C	AN	1/4	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 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
55-15	1001	Empty SEAVAN Actual Length 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]	C	N0	4/4	2	020	O	1	>1	1	HL	N715	567	O	N0	4/5
55-18	1001	Empty 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
56	1001	**REF SEGMENT - Empty Container Indicator** SEGMENT CONDITION: Use to identify an empty SEAVAN.	C			2	060	O	5	>1	1	HL					
							At least one of REF02 or REF03 is required.										
56-01	1001	Empty Container Indicator Qualifier BE - Business Activity *Use 'BE' to denote Empty Container Indicator.*	M	ID	2/2	2	060	O	5	>1	1	HL	REF01	128	M	ID	2/3
56-02	1001	Empty Container Indicator Enter value 'EMPTY' to indicate an Empty Container. [T_2 28/29]	M	AN	5/5	2	060	O	5	>1	1	HL	REF02	127	C	AN	1/30
57	1001	**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.										
57-01	1001	DoD Leased/Controlled Container Indicator Qualifier OP - Original Purchase Order *Use 'OP' to denote DoD Leased/Controlled Container Indicator.*	M	ID	2/2	2	060	O	5	>1	1	HL	REF01	128	M	ID	2/3
57-02	1001	DoD Leased/Controlled Container Indicator Enter value 'LEASED' to indicate 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

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 ZZ - Mutually Defined *Use 'ZZ' to denote Type of Shipment.*	M	ID	2/2	2	060	O	5	>1	1	HL	REF01	128	M	ID	2/3
58-02	1001	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_0 2/2],[T_1 2/2]	M	AN	1/1	2	060	O	5	>1	1	HL	REF02	127	C	AN	1/30
59	1001	**REF SEGMENT - POE/POD Identification** 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.	C			2	060	O	5	>1	1	HL					
							At least one of REF02 or REF03 is required.										
59-01	1001	POE Qualifier Code 55 - Sequence Number *Use '55' to denote Port of Embarkation.*	M	ID	2/2	2	060	O	5	>1	1	HL	REF01	128	M	ID	2/3
59-02	1001	POE Identifier Qualifier Enter value 'SEA' or value 'AIR' to denote Port Code Type.	M	AN	3/3	2	060	O	5	>1	1	HL	REF02	127	C	AN	1/30
59-03	1001	POE Identifier 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
59-04	1001	POD Composite Element Header 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.	C	CE		2	060	O	5	>1	1	HL	REF04	C040	O	CE	
							If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.										
59-04-01	1001	POD Qualifier Code 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 *Use '6W' to denote Port of Debarkation.*	M	ID	2/2	2	060	O	5	>1	1	HL	C04001	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		
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 At least one of REF02 or REF03 is required.	O	5	>1	1	HL					
60-01	1014	Van Point of Origin ZIP Code Qualifier 4B - Shipment Origin Code *Use '4B' to denote Van Point of Origin ZIP Code.*	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 At least one of N902 or N903 is required. If N906 is present, then N905 is required.	O	10	>1	1	HL					
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** SEGMENT CONDITION: Use for air shipments only, when shelf life is applicable.	C			2	100 At least one of N902 or N903 is required. If N906 is present, then N905 is required.	O	10	>1	1	HL					
62-01	1001	Short Shelf Life Identification Code Qualifier CHANGE NOTE: Code value 'P5' changed to 'SHL' per DM 814. SHL - Shelf Life Indicator *Use 'SHL' to denote Short Shelf Life Code.*	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 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	M	AN	1/1	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
63	1001	**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.										
63-01	1001	TCN Qualifier TG - Transportation Control Number (TCN)	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
63-02	1001	TCN Enter the TCN of the shipment unit. [T_4 30/46]	M	AN	17/17	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
64	1001	**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.										
64-01	1001	Transportation Tracking Number (TTN) Qualifier 18 - Plan Number *Use '18' to denote Transportation Tracking Number (TTN).*	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
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** 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.										
65-01	1001	Project Code Qualifier P4 - Project Code	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
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					
							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					
							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					
							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 *Use 'AR' to denote Transit Days to POE.*	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					
							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 *Use 'PHC' to denote Water Type Cargo Code.*	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 *Use 'SU' to denote Water Special Handling Code.*	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 Z - Mutually defined *Use 'Z' to denote Air Commodity Code.*	M	ID	1/1	2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
72-08	1001	Federal Supply Class Qualifier ELEMENT CONDITION: Use for air shipments if Federal Supply Class furnished by the application system. K - Federal Supply Classification	C	ID	1/1	2	130	O	10	>1	1	HL	L508	23	C	ID	1/1
72-09	1001	Federal Supply Class ELEMENT CONDITION: Use for air shipments if furnished by the application system. [T_0 5/8],[T_1 5/8]	C	AN	4/4	2	130	O	10	>1	1	HL	L509	22	C	AN	1/30
73	1001	**L5 SEGMENT - Water Commodity Code** SEGMENT CONDITION: Required and used only for water 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.										
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 I - Milstamp AITC or Water Commodity Code	M	ID	1/1	2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
74	1001	**L5 SEGMENT - Non Palletized Mail Registry Number** SEGMENT CONDITION: Use when Non Palletized Mail Registry applies.	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.										
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 *Use 'D' to denote Non Palletized Mail Registry Number.*	M	ID	1/1	2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
75	1001	**L5 SEGMENT - Vessel Stowage Location** SEGMENT CONDITION: Use for water manifests only.	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.										

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 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
75-04	1001	Vessel Stowage Location Qualifier S - Standard International Trade Classification (SITC) *Use 'S' to denote Vessel Stowage Location.*	M	ID	1/1	2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
76	1001	**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.										
76-01	1001	Transportation Priority Code Enter the transportation priority of the shipment unit. Valid values are '1', '2', '3', or '4'. [T_0 53/53],[T_1 53/53]	M	N0	1/1	2	137	O	2	>1	1	HL	Y701	467	O	N0	1/1
77	1001	**G62 SEGMENT - Date/Time (UTC) Shipped to POE** 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.	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.										
77-01	1001	Date Shipped to POE Qualifier 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
77-02	1001	Date (UTC) Shipped to POE 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]	M	DT	8/8	2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8
77-03	1001	Estimated Departure Time Qualifier D - Estimated Departure Time	C	ID	1/1	2	138	O	10	>1	1	HL	G6203	176	C	ID	1/2
77-04	1001	Time (UTC) Shipped to APOE Enter time in 24 hr time format (HHMM). [T_0 60/60],[T_1 60/60]	C	TM	4/4	2	138	O	10	>1	1	HL	G6204	337	C	TM	4/8

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 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
78	1001	**G62 SEGMENT - Required Delivery Date (RDD) (UTC)** SEGMENT CONDITION: Use when RDD furnished by the application system is a 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.										
78-01	1001	Required Delivery Date (RDD) Qualifier 54 - Deliver No Later Than Date *Use '54' to denote Required Delivery Date.*	M	ID	2/2	2	138	O	10	>1	1	HL	G6201	432	C	ID	2/2
78-02	1001	Required Delivery Date (RDD) (UTC) 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]	M	DT	8/8	2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8
79	1001	**G62 SEGMENT - Date/Time (UTC) In-checked at APOE** SEGMENT CONDITION: Use for manifests only to document date/time cargo was receipted into the airlift system.	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.										
79-01	1001	Date In-checked at APOE Qualifier 35 - Delivered on This Date *Use '35' to denote Date (UTC) In-checked at APOE.*	M	ID	2/2	2	138	O	10	>1	1	HL	G6201	432	C	ID	2/2
79-02	1001	Date (UTC) In-checked at APOE Enter Actual Date (UTC) In-checked at APOE using format CCYYMMDD. [T_A 61/62],[T_D 61/62]	M	DT	8/8	2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8
79-03	1001	Time In-checked at APOE Qualifier 9 - Actual Delivery Time *Use '9' to denote Time (UTC) In-checked at APOE.*	M	ID	1/1	2	138	O	10	>1	1	HL	G6203	176	C	ID	1/2
79-04	1001	Time (UTC) In-checked at APOE Enter actual Time (UTC) In-checked at APOE using format HHMM. [T_A 60/60],[T_D 60/60]	M	TM	4/4	2	138	O	10	>1	1	HL	G6204	337	C	TM	4/8

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		
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** 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.	C			2	138 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.	O	10	>1	1	HL					
80-01	1001	Actual Date of Cargo Arrival at APOE Qualifier 44 - Arrival at Destination Yard *Use '44' to denote Actual Date (UTC) of Cargo Arrival at APOE.*	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 *Use 'R' to denote Actual Date (UTC) of Cargo Arrival at APOE.*	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** SEGMENT CONDITION: Use when Onward Mode/Method Code applies for air manifested cargo.	C			2	140 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.	O	100	>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		
81-01	1001	Onward Mode/Method Code Qualifier AAA - Agent Details *Use 'AAA' to denote Onward Mode/Method Code.*	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
81-02	1001	Onward Mode/Method Code See DTR Part II, Appendix GG for applicable codes. [T_A 27/27],[T_D 27/27]	M	AN	1/1	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
82	1001	**NTE SEGMENT - Shipment Unit Adjustment Code** 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.	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.										
82-01	1001	Shipment Unit Adjustment Code Qualifier ACN - Action Taken *Use 'ACN' to denote Shipment Unit Adjustment Code.*	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
82-02	1001	Shipment Unit Adjustment Code 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]	M	AN	16/18	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 Express total weight of shipment unit in whole pounds. Round up to a whole number. [T_0 72/76],[T_1 72/76]	M	R	1/10	2	145	O	1	20	2	L0	L004	81	C	R	1/10
83-05	1001	Weight Type Code 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		
83-06	1001	Total Cube of Shipment Unit 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]	M	R	1/8	2	145	O	1	20	2	L0	L006	183	C	R	1/8
83-07	1001	Cube Qualifier E - Cubic Feet	M	ID	1/1	2	145	O	1	20	2	L0	L007	184	C	ID	1/1
83-08	1001	Number of Pieces for the Shipment Unit 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]	M	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.										
83-09	1001	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_0 28/29],[T_1 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
84	1001	**FA1 SEGMENT - Shipment Unit (T_0/1/4)** 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.	C			2	230	O	1	>1	2	FA1					
84-01	1001	Agency Qualifier Code (T_0/1/4) 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 *Use 'HS' to denote Department of Homeland Security/US Coast Guard (DHS/USCG).*	M	ID	2/2	2	230	O	1	>1	2	FA1	FA101	559	M	ID	2/2
							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	ID	2/2	2	240	M	>1	>1	2	FA1	FA201	1196	M	ID	2/2
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 *Use 'CI' to denote Consignor DoDAAC.* TSR - Consignor Courier Transfer Station XX - Business Area *Use 'XX' to denote Consignor CAGE.*	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 CN - Consignee *Use 'CN' to denote Consignee DoDAAC.* IAD - Foreign Office *Use 'IAD' to denote Consignee Military Assistance Program Address Code (MAPAC).* TSE - Consignee Courier Transfer Station	M	ID	2/3	2	290	O	1	4	2	N1	N101	98	M	ID	2/3
87-02	1001	Consignee or Courier Transfer Station Code 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.	C	AN	1/60	2	290	O	1	4	2	N1	N102	93	C	AN	1/60
88	2001	**HL SEGMENT - SEAVAN/RORO/463L Shipment Units (T_2)** 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.	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.										
88-01	2001	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.										
88-02	2001	Hierarchical Parent ID Number 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.	C	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.										
88-03	2001	Hierarchical Level Code 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 *Use '2' to denote DG 2001 (and related DG 2014 and DG 2015) Heirarchical Level.*	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.										

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 If either N507 or N508 is present, then the other is required.	O	1	>1	1	HL					
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 At least one of REF02 or REF03 is required.	O	5	>1	1	HL					
91-01	2001	Type of Shipment Qualifier [T_2 2/2] ZZ - Mutually Defined *Use 'ZZ' to denote Type of Shipment.*	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 At least one of REF02 or REF03 is required.	O	5	>1	1	HL					
92-01	2001	DoD Leased/Controlled Container Indicator Qualifier OP - Original Purchase Order *Use 'OP' to denote DoD Leased/Controlled Container Indicator.*	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 At least one of REF02 or REF03 is required.	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		
93-01	2001	Container Loading Information Qualifier CHANGE NOTE: Replace code value 'BE' with 'IL' per DM 847. IL - Internal Order Number *Use 'IL' to denote Container Loading Information.*	M	ID	2/2	2	060	O	5	>1	1	HL	REF01	128	M	ID	2/3
93-02	2001	Container Loading Information 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]	M	AN	4/16	2	060	O	5	>1	1	HL	REF02	127	C	AN	1/30
93-03	2001	Container Loading Activity 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]	M	AN	6/12	2	060	O	5	>1	1	HL	REF03	352	C	AN	1/80
94	2015	**L7 SEGMENT - Stop-Off DoDAAC** 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.	C			2	090	O	10	>1	1	HL					
94-03	2015	Stop-Off DoDAAC Enter Stop-Off DoDAAC. [T_9 60/65],[T_9 74/79]	M	AN	6/6	2	090	O	10	>1	1	HL	L703	171	O	AN	1/7
94-04	2015	Stop-Off Number Enter the stop-off sequence number for the shipment. Sequence numbers range from 1-9. [T_9 54/59],[T_9 68/73]	M	AN	1/1	2	090	O	10	>1	1	HL	L704	172	O	AN	1/2
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 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		
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)** 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.										
96-01	2001	Transportation Tracking Number (TTN) Qualifier 18 - Plan Number *Use '18' to denote Transportation Tracking Number (TTN).*	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** SEGMENT CONDITION: Use for 463L pallets only with a single Project Code.	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.										
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** 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.	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.										
98-01	2001	Consignee Distribution (CDIST) Code Qualifier NOTE: Code changed from 'QN' to '6A' per DM 1022. 6A - Consignee Reference Number *Use '6A' to denote Consignee Distribution (CDIST) Code.*	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 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]	M	AN	1/1	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
99	2001	**N9 SEGMENT - Estimated Transit Days to POE** SEGMENT CONDITION: This segment applies to SEAVAN/RORO/463L shipments to a POE. Do not use for water manifest.	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.										
99-01	2001	Estimated Transit Days to POE Qualifier AR - Arrival Code *Use 'AR' to denote Transit Days to POE.*	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
99-02	2001	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_2 63/63]	M	AN	1/3	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
100	2001	**N9 SEGMENT - Water Type Cargo Code** SEGMENT CONDITION: This segment is required and used only 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.										
100-01	2001	Water Type Cargo Code Qualifier PHC - Process Handling Code *Use 'PHC' to denote Water Type Cargo Code.*	M	ID	3/3	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
100-02	2001	Water Type Cargo Code This is paired with the Water Commodity Code that is mapped to the L5 Segment (HL loop position 130). [T_2 18/18]	M	AN	1/1	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
101	2001	**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.										

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 AHC - Air Handling Code SU - Special Processing Code *Use 'SU' to denote Water Special Handling Code.*	M	ID	2/3	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
101-02	2001	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. SOURCE: Defense Transportation Regulations [T_2 19/19]	M	AN	1/1	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
102	2001	**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.										
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** SEGMENT CONDITION: Use for RORO shipment by air 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.										
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 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]	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		
104	2001	**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 Only one of H301 or H302 may be present.	O	1	>1	1	HL					
104-02	2001	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_2 54/56]	M	AN	3/3	2	105	O	1	>1	1	HL	H302	153	C	AN	2/30
105	2001	**L5 SEGMENT - Air Commodity Code** SEGMENT CONDITION: Required and used only for air shipments.	C			2	130 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.	O	10	>1	1	HL					
105-03	2001	Air Commodity Code This is paired with the Special Handling Code that is mapped to the N9 segment (HL loop position 100). [T_2 18/18]	M	AN	1/1	2	130	O	10	>1	1	HL	L503	22	C	AN	1/30
105-04	2001	Air Commodity Code Qualifier Z - Mutually defined *Use 'Z' to denote Air Commodity Code.*	M	ID	1/1	2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
106	2001	**L5 SEGMENT - Water Commodity Code** SEGMENT CONDITION: Use for Water Commodity Codes.	C			2	130 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.	O	10	>1	1	HL					
106-03	2001	Water Commodity Code 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]	M	AN	3/3	2	130	O	10	>1	1	HL	L503	22	C	AN	1/30
106-04	2001	Water Commodity Code Qualifier I - Milstamp AITC or Water Commodity Code *Use 'I' to denote Water Commodity Code.*	M	ID	1/1	2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
107	2001	**L5 SEGMENT - Vessel Stowage Location** SEGMENT CONDITION: Use for water manifests only.	C			2	130 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.	O	10	>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		
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) *Use 'S' to denote Vessel Stowage Location.*	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 *Use 'C' to denote Reefer Temperature, measured in Centigrade.* F - National Stock Number *Use 'F' to denote Reefer Temperature, measured in Fahrenheit.*	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		
110-01	2001	Date Shipped to POE Qualifier CHANGE NOTE: Code value '17' and user note added per DM 807. 17 - 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)..* 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) 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]	M	DT	8/8	2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8
112	2001	**NTE SEGMENT - Shipment Unit Adjustment Code** SEGMENT CONDITION: Use this segment only when BX01 contains code value '03' or '04'.	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.										
112-01	2001	Shipment Unit Adjustment Code Qualifier ACN - Action Taken *Use 'ACN' to denote Shipment Unit Adjustment Code.*	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
112-02	2001	Shipment Unit Adjustment Code 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]	M	AN	16/18	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
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 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]	M	R	1/10	2	145	O	1	20	2	L0	L004	81	C	R	1/10
113-05	2001	Weight of SEAVAN/RORO/463L Qualifier G - Gross Weight *Use 'G' to denote Weight for RORO or 463L.* N - Actual Net Weight *Use 'N' to denote Weight for SEAVAN.*	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		
113-06	2001	Cube of SEAVAN/RORO/463L 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]	M	R	1/8	2	145	O	1	20	2	L0	L006	183	C	R	1/8
113-07	2001	Cube of SEAVAN/RORO/463L Qualifier E - Cubic Feet	M	ID	1/1	2	145	O	1	20	2	L0	L007	184	C	ID	1/1
113-08	2001	Total Number of Pieces 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]	M	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.										
113-09	2001	Type Pack Code 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 *Use 'TBN' to denote SEAVAN.* WHE - On Own Wheel *Use 'WHE' to denote RORO.*	M	ID	3/3	2	145	O	1	20	2	L0	L009	211	C	ID	3/3
114	2001	**MEA SEGMENT - Total Number of Shipment Units** SEGMENT CONDITION: Not used for T_2 records for 463L pallets.	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.										
114-01	2001	Total Number of Shipment Units Count Qualifier CT - Counts	M	ID	2/2	2	160	O	10	20	2	L0	MEA01	737	O	ID	2/2
114-02	2001	Total Number of Shipment Units Qualifier SU - Shipped Units	M	ID	2/2	2	160	O	10	20	2	L0	MEA02	738	O	ID	1/3

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		
114-03	2001	Total Number of Shipment Units Enter the Total Number of Shipment Units loaded in the SEAVAN or RORO. [T_2 58/59]	M	R	1/4	2	160	O	10	20	2	L0	MEA03	739	C	R	1/20
115	2001	**FA1 SEGMENT - 463L (T_2)** 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.	C			2	230	O	1	>1	2	FA1					
115-01	2001	Agency Qualifier Code (T_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 *Use 'HS' to denote Department of Homeland Security/US Coast Guard (DHS/USCG).*	M	ID	2/2	2	230	O	1	>1	2	FA1	FA101 FA101 Identifies the organization controlling the assignment of financial accounting information.	559	M	ID	2/2
116	2001	**FA2 SEGMENT - 463L Appropriation Elements (T_2)** Required when FA1 segment is used. Use for Transportation Account Code (TAC) information.	M			2	240	M	>1	>1	2	FA1					
116-01	2001	Breakdown Structure Detail Code (T_2) See Section 6 for list of data values.	M	ID	2/2	2	240	M	>1	>1	2	FA1	FA201	1196	M	ID	2/2
116-02	2001	Financial Information Code (T_2) 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]	M	AN	4/80	2	240	M	>1	>1	2	FA1	FA202	1195	M	AN	1/80
117	2001	**N1 SEGMENT - Loading Activity DoDAAC** 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.	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.				

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 organizational 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 organizational 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 organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.										

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
120	3001	**HL SEGMENT - Other Consolidations (Not SEAVAN/RORO/463L) (T_3)** 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.	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.										
120-01	3001	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.										
120-02	3001	Hierarchical Parent ID Number 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.	C	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.										
120-03	3001	Hierarchical Level Code 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 *Use '3' to denote DG 3001 (and related DG 3014) Heirarchical Level.*	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.										
121	3014	**N7 SEGMENT - Other Consolidation Identification Number** SEGMENT CONDITION: Use this segment for other consolidation shipments. CHANGE NOTE: Segment DataGroup changed to 3014 per DM 663.	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.										
121-02	3014	Other Consolidation Identification Number Enter the identification number marked on the consolidation. [T_9 56/65]	M	AN	1/10	2	020	O	1	>1	1	HL	N702	207	M	AN	1/10
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 ZZ - Mutually Defined *Use 'ZZ' to denote Type of Shipment.*	M	ID	2/2	2	060	O	5	>1	1	HL	REF01	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		
122-02	3001	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_3 2/2]	M		/1	2	060	O	5	>1	1	HL	REF02	127	C	AN	1/30
123	3001	**N9 SEGMENT - Stop-Off Indicator** SEGMENT CONDITION: This segment is required and used only when describing stop-offs for a consolidated shipment loaded into a SEAVAN.	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.										
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 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]	M	AN	1/1	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
124	3001	**N9 SEGMENT - Estimated Transit Days to POE** SEGMENT CONDITION: This segment applies to consolidations not in a SEAVAN/RORO/463L.	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.										
124-01	3001	Estimated Transit Days to POE Qualifier AR - Arrival Code *Use 'AR' to denote Estimated Transit Days to POE.*	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 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]	M	AN	1/3	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
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 *Use '18' to denote Transportation Tracking Number (TTN).*	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 *Use 'SHL' to denote Short Shelf Life Identification Code.*	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 *Use 'PHC' to denote Water Type Cargo Code.*	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 *Use 'SU' to denote Water Special Handling Code.*	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 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]	M	AN	3/3	2	105	O	1	>1	1	HL	H302	153	C	AN	2/30
133	3001	**L5 SEGMENT - Air Commodity Code** 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.										
133-03	3001	Air Commodity Code This is paired with the Special Handling Code that is mapped to the N9 segment (HL loop position 100). [T_3 18/18]	M	AN	1/1	2	130	O	10	>1	1	HL	L503	22	C	AN	1/30
133-04	3001	Air Commodity Code Qualifier Z - Mutually defined *Use 'Z' to denote Air Commodity Code.*	M	ID	1/1	2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
134	3001	**L5 SEGMENT - Water Commodity Code** SEGMENT CONDITION: Required and used only for water 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.										
134-03	3001	Water Commodity Code 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]	M	AN	3/3	2	130	O	10	>1	1	HL	L503	22	C	AN	1/30
134-04	3001	Water Commodity Code Qualifier I - Milstamp AITC or Water Commodity Code	M	ID	1/1	2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
135	3001	**L5 SEGMENT - Vessel Stowage Location** SEGMENT CONDITION: Use for water manifests only.	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.										
135-03	3001	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

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 S - Standard International Trade Classification (SITC) *Use 'S' to denote Vessel Stowage Location.*	M	ID	1/1	2	130	O	10	>1	1	HL	L504	23	C	ID	1/1
136	3001	**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.										
136-01	3001	Transportation Priority Code Enter the highest Transportation Priority loaded in the shipment unit. [T_3 53/53]	M	N0	1/1	2	137	O	2	>1	1	HL	Y701	467	O	N0	1/1
137	3001	**G62 SEGMENT - Date/Time (UTC) Shipped to POE** 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.	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.										
137-01	3001	Date Shipped to POE Qualifier 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
137-02	3001	Date (UTC) Shipped to POE 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]	M	DT	8/8	2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8
137-03	3001	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
137-04	3001	Time (UTC) Shipped to APOE Enter time in 24 hr time format (HHMM). ELEMENT CONDITION: Required and used only for air shipments. [T_3 60/60]	C	TM	4/4	2	138	O	10	>1	1	HL	G6204	337	C	TM	4/8

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 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	C	ID	2/2	2	138	O	10	>1	1	HL	G6205	623	O	ID	2/2
138	3001	**G62 SEGMENT - Required Delivery Date (RDD)** SEGMENT CONDITION: Use when RDD furnished by the application system.	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.										
138-01	3001	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
138-02	3001	Required Delivery Date (RDD) 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]	M	DT	8/8	2	138	O	10	>1	1	HL	G6202	373	C	DT	8/8
139	3001	**NTE SEGMENT - Shipment Unit Adjustment Code** SEGMENT CONDITION: Use this segment only when BX01 contains code value '03' or '04'. CHANGE NOTE: Segment added per DM 705B.	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.										
139-01	3001	Shipment Unit Adjustment Code Qualifier ACN - Action Taken *Use 'ACN' to denote Shipment Unit Adjustment Code.*	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
139-02	3001	Shipment Unit Adjustment Code 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]	M	AN	16/18	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
140	3001	**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.										

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 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 *Use 'HS' to denote Department of Homeland Security/US Coast Guard (DHS/USCG).*	M	ID	2/2	2	230	O	1	>1	2	FA1	FA101	559	M	ID	2/2
							FA101 Identifies the organization controlling the assignment of financial accounting information.										
142	3001	**FA2 SEGMENT - Other Consolidations (Not SEAVAN/RORO/463L) (T_3)** Required when FA1 segment is used. Use for Transportation Account Code (TAC) information when available.	M			2	240	M	>1	>1	2	FA1					
142-01	3001	Breakdown Structure Detail Code (T_3) See Section 6 for list of data values.	M	ID	2/2	2	240	M	>1	>1	2	FA1	FA201	1196	M	ID	2/2
142-02	3001	Financial Information Code (T_3) 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]	M	AN	1/80	2	240	M	>1	>1	2	FA1	FA202	1195	M	AN	1/80
143	3001	**N1 SEGMENT - Loading Activity** SEGMENT CONDITION: Use this segment only to identify the activity loading the consolidated shipment into a SEAVAN/RORO or onto a 463L pallet..	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.										
143-01	3001	Loading Activity Qualifier LP - Loading Party	M	ID	2/2	2	290	O	1	4	2	N1	N101	98	M	ID	2/3
143-03	3001	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
143-04	3001	Loading Activity DoDAAC Enter the DoDAAC of the activity loading the consolidated shipment. [T_3 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 organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.										

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
144	3001	**N1 SEGMENT - Consignee of the Consolidated Shipment**	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.										
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 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
							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.										
145	5001	**HL SEGMENT - Cargo Attribute/Dimension 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					
							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.										
145-01	5001	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.										
145-02	5001	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.										
145-03	5001	Hierarchical Level Code 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. 5 - Category *Use '5' to denote DG 5001 (and related DG 5013) Heirarchical Level.*	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.										
146	5001	**VC SEGMENT - Serial Number** SEGMENT CONDITION: Use for shipments of Government vehicles, trailers, tracked/wheeled 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** SEGMENT CONDITION: Applies to Government vehicles, trailers, tracked/wheeled guns, and aircraft.	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.										
147-01	5001	Basic Issue Item (BII) Qualifier ZZ - Mutually Defined *Use 'ZZ' to denote Basic Issue Item Number.*	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** SEGMENT CONDITION: Applies to Government vehicles, trailers, tracked/wheeled guns, and aircraft.	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.										
148-01	5001	Model Number Qualifier OTN - Another Type of Number Description *Use 'OTN' to denote Model Number.*	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** SEGMENT CONDITION: Applies to Government vehicles, trailers, wheeled or tracked guns, and aircraft.	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.										
149-01	5001	Nomenclature Qualifier EED - Equipment Description *Use 'EED' to denote Nomenclature.*	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						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		
150	5013	**NTE SEGMENT - Vehicle Year** SEGMENT CONDITION: Use segment for vehicles shipped to Central or South America.	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.										
150-01	5013	Vehicle Year Qualifier CAR - Other Related Information *Use 'CAR' to denote Vehicle Year.*	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
150-02	5013	Vehicle Year Enter Vehicle Year for vehicle shipped to Central/South America. [T_9 54/79]	M	AN	4/4	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
151	5013	**NTE SEGMENT - Vehicle Make** SEGMENT CONDITION: Use segment for vehicles shipped to Central or South America.	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.										
151-01	5013	Vehicle Make Qualifier CBI - Description of Title *Use 'CBI' to denote Vehicle Make.*	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
151-02	5013	Vehicle Make Enter Vehicle Make for vehicle shipped to Central/South America. [T_9 54/79]	M	AN	1/25	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
152	5001	**L0 SEGMENT - Pieces, Piece Weight, Piece Cube, and Dimensions** Each DG 5001 will contain pieces, piece weight, piece cube, and dimensions. This segment creates a loop that contains MEA segments.	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.										
152-04	5001	Weight of a Single Piece Enter weight of the piece (whole number) to which the MEA segment (HL loop position 160) dimensions apply. [T_5 72/76]	M	R	1/10	2	145	O	1	20	2	L0	L004	81	C	R	1/10
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 Enter cube of the piece (whole number) to which the MEA segment (HL loop position 160) dimensions apply. [T_5 77/80]	M	R	1/8	2	145	O	1	20	2	L0	L006	183	C	R	1/8
152-07	5001	Cube Qualifier E - Cubic Feet	M	ID	1/1	2	145	O	1	20	2	L0	L007	184	C	ID	1/1
152-08	5001	Pieces 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.	M	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.										
152-09	5001	Pieces Qualifier PCS - Pieces	M	ID	3/3	2	145	O	1	20	2	L0	L009	211	C	ID	3/3
152-11	5001	Gross Weight Units Qualifier L - Pounds	M	ID	1/1	2	145	O	1	20	2	L0	L011	188	O	ID	1/1
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 SD - Shipped Dimensions	M	ID	2/2	2	160	O	10	20	2	L0	MEA01	737	O	ID	2/2
153-02	5001	Length of a Piece(s) Qualifier LN - Length	M	ID	2/2	2	160	O	10	20	2	L0	MEA02	738	O	ID	1/3
153-03	5001	Length of a Piece(s) of the Shipment Unit Dimension measured in inches. (T_5 59/59, which equals 'L', is not used in the 858 transaction.) [T_5 54/58]	M	R	1/5	2	160	O	10	20	2	L0	MEA03	739	C	R	1/20
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.										

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		
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 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.										
156-03	6001	Hierarchical Level Code 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 *Use '6' to denote DG 6001 (and related DG 6016) Heirarchical Level.*	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.										
157	6001	**N9 SEGMENT - National Stock Number (NSN)/Part Number** 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).	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.										
157-01	6001	NSN/Part Number Qualifier NS - National Stock Number PM - Part Number *Use 'PM' to denote CAGE + Part Number.*	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
157-02	6001	NSN/Part Number Enter one NSN or one concatenated CAGE + Part Number (whenever NSN in unavailable) per HL loop. [T_6 54/66]	M	AN	1/30	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
158	6001	**NTE SEGMENT - Nomenclature** 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.	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.										
158-01	6001	Nomenclature Qualifier ABN - Abbreviated Nomenclature *Use 'ABN' to denote Full Available Nomenclature.*	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
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** 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.	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.										
159-01	6016	Protective Service Qualifier CHANGE NOTE: Title changed per DM 842. SSH - Security Service Information *Use 'SSH' to denote Protective Service* *CHANGE NOTE: Code definition changed per DM 842..*	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
159-02	6016	Protective Service 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]	M	AN	1/80	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
160	6016	**NTE SEGMENT - HAZMAT Goods Packaged Prior to January 1990 Indicator** 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.	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.										
160-01	6016	HAZMAT Goods Package Prior to January 1990 Qualifier VEC - Verification Comments *Use 'VEC' to denote HAZMAT Item was Originally Packaged Prior to 1 January 1990.*	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
160-02	6016	HAZMAT Goods Packaged Prior to January 1990 Indicator Insert the following value: 'GOVERNMENT-OWNED GOODS PACKAGED BEFORE 1 JANUARY 1990'. [T_9 54/79]	M	AN	53/53	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
161	6001	**L0 SEGMENT - HAZMAT Ammunition Round Count** 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.	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.										
161-01	6001	Compliance Number Use the value one (1) to satisfy X12 syntax requirement.	M	N0	1/1	2	145	O	1	20	2	L0	L001	213	O	N0	1/3

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		
162	6001	**MEA SEGMENT - HAZMAT Total Round Count** SEGMENT CONDITION: This segment is mandatory for ammunition.	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.										
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		
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 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	C	ID	2/2	2	180	O	4	100	2	LH1	LH205	759	O	ID	2/2
164-06	6016	HAZMAT Flashpoint Qualifier ELEMENT CONDITION: Required if HAZMAT Flashpoint applies. CE - Centigrade, Celsius *Use 'CE' to denote Centigrade.* FA - Fahrenheit	C	ID	2/2	2	180	O	4	100	2	LH1	LH206	355	C	ID	2/2
							LH206 and LH207 indicate the flashpoint temperature.										
164-07	6016	HAZMAT Flashpoint 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]	C	R	1/4	2	180	O	4	100	2	LH1	LH207	408	C	R	1/4
165	6016	**LH3 SEGMENT - HAZMAT Proper Shipping Name** 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.	C			2	190	O	12	100	2	LH1					
							If either LH301 or LH302 is present, then the other is required.										
165-01	6016	HAZMAT Proper Shipping Name 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]	M	AN	1/25	2	190	O	12	100	2	LH1	LH301	224	C	AN	1/25
165-02	6016	HAZMAT Proper Shipping Name Qualifier C - Canadian Shipping Name D - Domestic (United States) Shipping Name I - International Shipping Name	M	ID	1/1	2	190	O	12	100	2	LH1	LH302	984	C	ID	1/1
166	6016	**LFH SEGMENT - HAZMAT Type Pack Code** SEGMENT CONDITION: Use when LH102 - HAZMAT Type Pack Quantity present. CHANGE NOTE: Segment added (and FACTS guidance applied) per DM 863.	C			2	191	O	20	100	2	LH1					
							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 If either LFH05 or LFH06 is present, then the other is required.	O	20	100	2	LH1					
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 08 - Heat Lots *Use '08' to denote Nanocurie.* 09 - Tire *Use '09' to denote Terabecquerels.* 2Q - Kilobecquerel 2R - Kilocurie 4D - Curie 4N - Megabecquerel G4 - Gigabecquerel M5 - Microcurie MU - Millicurie R2 - Becquerel	M	ID	2/2	2	191	O	20	100	2	LH1	LFH05	355	C	ID	2/2
167-06	6016	Radioactive Activity Level Enter Radioactive Activity Level.	M	R	1/15	2	191	O	20	100	2	LH1	LFH06	380	C	R	1/15
							LFH06 indicates activity of the radioactive material.										
167-07	6016	Transport Index of Radioactive Material ELEMENT CONDITION: Enter Transport Index if required.	C	R	1/15	2	191	O	20	100	2	LH1	LFH07	380	O	R	1/15
							LFH07 indicates transport index of the radioactive material.										
168	6016	**LFH SEGMENT - HAZMAT Technical Name** 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.	C			2	191	O	20	100	2	LH1					
							If either LFH05 or LFH06 is present, then the other is required.										
168-01	6016	HAZMAT Technical Name Qualifier TEC - Technical or Chemical Group Name	M	ID	3/3	2	191	O	20	100	2	LH1	LFH01	808	M	ID	3/3
168-02	6016	HAZMAT Technical Name Enter the technical name of the HAZMAT material. [T_9 54/79]	M	AN	1/25	2	191	O	20	100	2	LH1	LFH02	809	M	AN	1/25
169	6016	**LFH SEGMENT - HAZMAT Waste Indicator** SEGMENT CONDITION: Required if the hazardous material is defined as waste.	C			2	191	O	20	100	2	LH1					
							If either LFH05 or LFH06 is present, then the other is required.										
169-01	6016	HAZMAT Waste Indicator Qualifier WST - Waste Declaration	M	ID	3/3	2	191	O	20	100	2	LH1	LFH01	808	M	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		
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

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		
172-04	6016	HAZMAT Toxic Inhalation Zone Code 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	M	ID	1/1	2	191	O	20	100	2	LH1	LFH04	1023	O	ID	1/1
173	6001	**LHR SEGMENT - HAZMAT DoDIC/IMO Designation** SEGMENT CONDITION: Required for all hazardous materials.	C			2	210	O	10	100	2	LH1					
173-01	6001	HAZMAT DoDIC/IMO Designation Qualifier 1I - Department of Defense Identification Code (DoDIC) *Use '1I' to denote Ammunition, Ammunition Components, and Explosives.* ZZ - Mutually Defined *Use 'ZZ' to denote Other HAZMAT.*	M	ID	2/2	2	210	O	10	100	2	LH1	LHR01	128	M	ID	2/3
173-02	6001	HAZMAT DoDIC/IMO Designation 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]	M	AN	3/4	2	210	O	10	100	2	LH1	LHR02	127	M	AN	1/30
174	6001	**LHR SEGMENT - HAZMAT Compatibility Group Code** SEGMENT CONDITION: Required for ammunition and explosives.	C			2	210	O	10	100	2	LH1					
174-01	6001	HAZMAT Compatibility Group Code Qualifier 6P - Group Number	M	ID	2/2	2	210	O	10	100	2	LH1	LHR01	128	M	ID	2/3
174-02	6001	HAZMAT Compatibility Group Code [T_6 80/80]	M	AN	1/1	2	210	O	10	100	2	LH1	LHR02	127	M	AN	1/30
175	6001	**LHR SEGMENT - HAZMAT Special Approval Number** SEGMENT CONDITION: A Special Approval (DOT Special Permit, CAA, COE, or DoD packaging waiver) number must be entered if applicable.	C			2	210	O	10	100	2	LH1					
175-01	6001	HAZMAT Special Approval Number Qualifier HN - Hazardous Certification Number *Use 'HN' to denote Special Approval Number.*	M	ID	2/2	2	210	O	10	100	2	LH1	LHR01	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		
175-02	6001	HAZMAT Special Approval Number Enter Special Approval (DOT Special Permit, CAA, COE, or DoD packaging waiver) Number. [T_9 54/79]	M	AN	1/26	2	210	O	10	100	2	LH1	LHR02	127	M	AN	1/30
176	7001	**HL SEGMENT - NEW, Ammunition, Explosives, or Lot Information (T_7)** 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.	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.										
176-01	7001	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.										
176-02	7001	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.										
176-03	7001	Hierarchical Level Code Use '7' to indicate that the HL loop contains information from DTR T_7 records corresponding to DG 7001 7 - Type *Use '7' to denote DG 7001 Heirarchical Level.*	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.										
177	7001	**L0 SEGMENT - Lot Number Information** 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.	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.										
177-04	7001	Weight per Lot Number 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]	C	R	1/10	2	145	O	1	20	2	L0	L004	81	C	R	1/10
177-05	7001	Weight Qualifier 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

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		
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 L008 is the number of handling units of the line item tendered to the carrier.	O	1	20	2	L0	L008	80	C	N0	1/7
177-09	7001	Round Count per Lot Number Qualifier ELEMENT CONDITION: Required if L008 is used. AMM - Ammo Pack *Use 'AMM' to denote Round Count.*	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 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.	O	10	20	2	L0					
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	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		
178-03	7001	NEW Enter NEW in pounds. [T_7 9/14]	M	R	1/10	2	160	O	10	20	2	L0	MEA03	739	C	R	1/20
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 *Use '8' to denote DG 8001 (and related DG 8013 and DG 8017) Heirarchical Level.*	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** SEGMENT CONDITION: Required if ITGBL code is 'T', 'J', or '5'.	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.										

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 SCA - Standard Carrier Alpha Code (SCAC)	M	ID	3/3	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
181-02	8001	Household Goods and Baggage Carrier SCAC Enter HHG and Baggage Carrier SCAC. [T_8 77/80]	M	AN	2/4	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
182	8001	**N9 SEGMENT - POV License Plate Number** SEGMENT CONDITION: Use when describing POVs.	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.										
182-01	8001	POV License Plate Number Qualifier LV - License Plate Number	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
182-02	8001	POV License Plate Number Enter full plate letters/numbers of license plate. [T_8 73/77]	M	AN	1/15	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
182-03	8001	POV License Plate - U.S. State Abbreviation Enter abbreviation for state issuing vehicle license plate. If none, enter NO. [T_8 71/72]	M	AN	2/2	2	100	O	10	>1	1	HL	N903	369	C	AN	1/45
183	8001	**L5 SEGMENT - POV Make and Color** SEGMENT CONDITION: Required when describing Privately-Owned Vehicle (POV).	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.										
183-02	8001	POV Make Enter the first 25 letters of the POV make. [T_8 11/14] Sample Values: CHEVROLET, FORD, PLYMOUTH	M	AN	1/25	2	130	O	10	>1	1	HL	L502	79	O	AN	1/50
							L502 may be used to send quantity information as part of the product description.										
183-06	8001	POV Color Enter predominate POV color. [T_8 78/80] Sample Values: black, blue, red	C	AN	3/20	2	130	O	10	>1	1	HL	L506	87	C	AN	1/48
184	8001	**NTE SEGMENT - POV Year** SEGMENT CONDITION: Required when describing POV.	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.										

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 Required if L008 is used. CHANGE NOTE: Change code definition per DM 847. CAR - Other Related Information *Use 'CAR' to denote Vehicle Year.*	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
184-02	8001	POV Year Enter POV year. [T_8 9/14]	M	AN	4/4	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
185	8013	**NTE SEGMENT - Personal Property GBL (PPGBL)** SEGMENT CONDITION: Use for property shipped under a Personal Property GBL (PPGBL).	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.											
185-01	8013	PPGBL Qualifier BOL - Bill of Lading Note *Use 'BOL' to denote PPGBL.*	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
185-02	8013	PPGBL Number Enter origin PPGBL Number. [T_9 54/79]	M	AN	1/26	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
186	8013	**NTE SEGMENT- PPGBL Origin Carrier Name** SEGMENT CONDITION: Use for property shipped under a PPGBL.	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.											
186-01	8013	PPGBL Origin Carrier Name Qualifier AAA - Agent Details *Use 'AAA' to denote PPGBL Origin Carrier Name.*	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
186-02	8013	PPGBL Origin Carrier Name Enter name of origin carrier. [T_9 54/79]	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		
187	8017	**NTE SEGMENT - USAF TDY Travel Order Number and ADSN/Fiscal Station Number** 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.	C			2	140 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.	O	100	>1	1	HL					
187-01	8017	Travel Order Number and ADSN/Fiscal Station Number Qualifier ORI - Order Instructions *Use 'ORI' to denote Travel Order Number and ADSN/Fiscal Station Number.*	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
187-02	8017	Travel Order Number and ADSN/Fiscal Station Number 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]	M	AN	1/80	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
188	8001	**L0 SEGMENT - DPM Shipment Net Weight** SEGMENT CONDITION: Use for DPM shipments from activities OCONUS (outside CONUS) to CONUS.	C			2	145 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.	O	1	20	2	L0					
188-04	8001	DPM Shipment Net Weight Activities OCONUS, enter net weight of DPM shipments to CONUS. [T_8 72/76]	M	R	1/10	2	145	O	1	20	2	L0	L004	81	C	R	1/10
188-05	8001	DPM Shipment Net Weight Qualifier N - Actual Net Weight	M	ID	1/1	2	145	O	1	20	2	L0	L005	187	C	ID	1/2
189	8001	**NM1 SEGMENT - Personal Property Owner**	M			2	260 If either NM108 or NM109 is present, then the other is required. If NM111 is present, then NM110 is required.	O	1	4	2	NM1					
189-01	8001	Personal Property Owner Identifier Code OW - Owner of Property or Unit	M	ID	2/2	2	260	O	1	4	2	NM1	NM101	98	M	ID	2/3
189-02	8001	Personal Property Owner Qualifier 1 - Person	M	ID	1/1	2	260	O	1	4	2	NM1	NM102	1065	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		
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 *Use 'ZZ' to denote Grade Code.*	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						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		
191-01	9013	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 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.	M	1	>1	1	HL	HL01	628	M	AN	1/12
191-02	9013	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 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.	M	1	>1	1	HL	HL02	734	O	AN	1/12
191-03	9013	Hierarchical Level Code Use '9' to indicate that the HL loop contains information from DTR T_9 records (trailer data) corresponding to DG 9013. 9 - Line Detail *Use '9' to denote DG 9013 Heirarchical Level.*	M	ID	1/1	2	010 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.	M	1	>1	1	HL	HL03	735	M	ID	1/2
192	9013	**REF SEGMENT - Classified Shipment Container Number** SEGMENT CONDITION: Use for Classified Shipment Container Number. Repeat segment for each different container number.	C			2	060 At least one of REF02 or REF03 is required.	O	5	>1	1	HL					
192-01	9013	Classified Shipment Container Number Qualifier 98 - Container/Packaging Specification Number *Use '98' to denote Classified Shipment Container Number.*	M	ID	2/3	2	060	O	5	>1	1	HL	REF01	128	M	ID	2/3
192-02	9013	Classified Shipment Container Number 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]	M	AN	1/30	2	060	O	5	>1	1	HL	REF02	127	C	AN	1/30
193	9013	**REF SEGMENT - Controlled Inventory Item Code (CIIC)** SEGMENT CONDITION: Required for all DoD managed inventory items that have a CIIC assigned. CHANGE NOTE: Segment added per DM 842.	C			2	060 At least one of REF02 or REF03 is required.	O	5	>1	1	HL					
193-01	9013	Controlled Inventory Item Code Qualifier 8R - Security Type *Use '8R' to denote Controlled Inventory Item Code.*	M	ID	2/2	2	060	O	5	>1	1	HL	REF01	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		
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 *Use 'SN' to denote Classified Shipment Seal Number.*	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 *Use 'LA' to denote SSCC.*	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	C	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					
							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.										
197-01	9013	ULN Qualifier OTN - Another Type of Number Description *Use 'OTN' to denote Unit Line Number for a TPFDD Move.*	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 Account Number (TTAN)** SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Account Number is applicable. CHANGE NOTE: Segment added per DM 888.	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.										
198-01	9013	Transportation Tracking Account Number (TTAN) Qualifier TCF - Tariff Commodity Footnotes *Use 'TCF' to denote Transportation Tracking Account Number (TTAN).*	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 (UIC)** SEGMENT CONDITION: Used to identify Unit Identification Code (UIC) deployment information for unit move TCNs. Also used for water manifest supercargo passengers.	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.										
199-01	9013	UIC Qualifier OTH - Other Instructions *Use 'OTH' to denote Unit Identification Code.*	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		
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** SEGMENT CONDITION: Required when Not Otherwise Specified (NOS) cargo description 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.										
200-01	9013	NOS Qualifier ZZZ - Mutually Defined *Use 'ZZZ' to denote NOS Type Cargo.*	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** SEGMENT CONDITION: Use when type of liquor 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.										
201-01	9013	Liquor Type Qualifier LIQ - Liquor Information *Use 'LIQ' to denote Type of Liquor.*	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** SEGMENT CONDITION: Use when Liquor Bottle Size 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.										
202-01	9013	Liquor Bottle Size Qualifier CAI - General Business Description *Use 'CAI' to denote Liquor Bottle Size.*	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 *Use 'CAC' to denote Liquor Bottles per Case.*	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 *Use 'OCR' to denote CONUS to Hawaii/Guam Rating 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		
205-02	9013	CONUS to Hawaii/Guam Rating Information 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]	M	AN	1/80	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
206	9013	**NTE SEGMENT - Active RFID Tag Serial Number** SEGMENT CONDITION: Use to indicate the serial number of the active RFID tag attached to the shipment unit.	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.										
206-01	9013	Active RFID Tag Serial Number Qualifier CHANGE NOTE: Change code value from 'CAR' to 'RFL' per DM 847. RFL - Reason for Leaving *Use 'RFL' to denote Active RFID Tag Serial Number.*	M	ID	3/3	2	140	O	100	>1	1	HL	NTE01	363	O	ID	3/3
206-02	9013	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. [T_9 54/79]	M	AN	1/32	2	140	O	100	>1	1	HL	NTE02	352	M	AN	1/80
207	9013	**NM1 SEGMENT - Clear Text 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.	C			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 CN - Consignee *Use 'CN' to denote Clear Text Consignee Address.*	M	ID	2/2	2	260	O	1	4	2	NM1	NM101	98	M	ID	2/3
207-02	9013	Clear Text Consignee Address Name Qualifier 6 - Organization *Use '6' to denote Clear Text Consignee Address Name.*	M	ID	1/1	2	260	O	1	4	2	NM1	NM102	1065	M	ID	1/1
207-03	9013	Clear Text Consignee Name Enter first line of the Clear Text Consignee address (i.e., organization's name or individual's name).	M	AN	1/35	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 *Use 'ZZ' to denote DG 9014 Hierarchical Level.*	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 Use code value '24' to indicate that the HL loop identifies the Pallet Header Heirarchical Level. 24 - Supergroup *Use '24' to denote Pallet Header Heirarchical Level.*	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.										
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 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]	M	AN	1/1	2	020	O	1	>1	1	HL	N701	206	O	AN	1/4
							N701 is mandatory for rail transactions.										
213-02	9801	Pallet ID Enter the pallet ID assigned by the loading activity. In sequenced order: [DTR TAB 21/23] [DTR TAB 4/5] [TAB 67/67]	M	AN	5/6	2	020	O	1	>1	1	HL	N702	207	M	AN	1/10
213-14	9801	Pallet Serial Number 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]	C	AN	1/3	2	020	O	1	>1	1	HL	N714	219	O	AN	1/3

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		
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 At least one of REF02 or REF03 is required.	O	5	>1	1	HL					
214-01	9801	POE Qualifier Code 55 - Sequence Number *Use '55' to denote Port of Embarkation.*	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 At least one of REF02 or REF03 is required.	O	5	>1	1	HL					
215-01	9801	POD Qualifier Code 6W - Sequence Number *Use '6W' to denote Port of Debarkation.*	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 At least one of N902 or N903 is required. If N906 is present, then N905 is required.	O	10	>1	1	HL					
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 WL - Federal Supply Classification Code *Use 'WL' to denote Pallet Configuration Code.*	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
217-02	9801	Pallet Configuration Code 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]	M	AN	2/2	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
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 8X - Transaction Category or Type *Use '8X' to denote Cargo Type Classification Code.*	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
218-03	9801	Cargo Type Classification Code 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]	M	AN	1/1	2	100	O	10	>1	1	HL	N903	369	C	AN	1/45
219	9801	**N9 SEGMENT - Personal Property Code** SEGMENT CONDITION: Required and used only for personal property 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.										

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 Q5 - Property Control Number *Use 'Q5' to denote Personal Property Code.*	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
219-02	9801	Personal Property 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" [TAB 65/65]	M	AN	1/1	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
220	9801	**N9 SEGMENT - Chain or Devices Tie Down Code** SEGMENT CONDITION: Use if chain or device 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.										
220-01	9801	Chain or Devices Tie Down Code Qualifier 8R - Security Type *Use '8R' to denote Chain or Devices Tie Down Code.*	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
220-02	9801	Chain or Devices Tie Down Indicator Enter value 'CHAIN' to denote Chain or Devices Tie Down.	M	AN	5/5	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
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 01 - American Bankers Assoc. (ABA) Transit/Routing Number (Including Check Digit, 9 Digits) *Use '01' to denote DoD Code 'C' for Chain.*	C	ID	2/2	2	100	O	10	>1	1	HL	C04001	128	M	ID	2/3
220-07-02	9801	Chain Quantity Enter quantity of chains. ELEMENT CONDITION: Required if N907 code value of '01' is used.	C	ID	1/2	2	100	O	10	>1	1	HL	C04002	127	M	AN	1/30
220-07-03	9801	Devices Tie Down Code CHANGE NOTE: Code corrected per DM 770. 02 - 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.*	C	ID	2/2	2	100	O	10	>1	1	HL	C04003	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		
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 *Use 'Z3' to denote Top Net, Side Net, or Strap Tie Down Code.*	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) *Use '03' to denote DoD Code 'T' for Top Net.*	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 *Use '04' to denote DoD Code 'N' for Side Net.*	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) *Use '05' to denote DoD Code 'S' for Strap.*	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 *Use 'P5' to denote Center of Balance.*	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 *Use 'GY' to denote Pallet Overhang Direction Code.*	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 *Use '8Z' to denote Number of Equivalent Pallet Positions.*	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 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]	M	AN	3/4	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
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 D7 - Coverage Code *Use 'D7' to denote Air Special Handling Code.*	M	ID	2/2	2	100	O	10	>1	1	HL	N901	128	M	ID	2/3
225-02	9801	Air Special Handling Code Enter the Air Special Handling Code (see DTR Part II, Appendix Z). If special handling is not required, enter value 'Z'. [TAB 66/66]	M	AN	1/1	2	100	O	10	>1	1	HL	N902	127	C	AN	1/30
226	9801	**Y7 SEGMENT - Priority** SEGMENT CONDITION: Required for other than a Unit Move pallet. By definition Unit Move pallet does not have a shipment priority.	C			2	137	O	2	>1	1	HL					
							If either Y702 or Y703 is present, then the other is required.										
226-02	9801	Highest Transportation Priority Enter highest priority on the pallet.	M	N0	1/1	2	137	O	2	>1	1	HL	Y702	470	C	N0	1/1
226-03	9801	Special Priority 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]	M	AN	1/1	2	137	O	2	>1	1	HL	Y703	471	C	AN	1/1
227	9801	**G62 SEGMENT - Pallet Departure Date/Time (UTC) from APOE** SEGMENT CONDITION: Required for all pallets except pallets capped by DLA. CHANGE NOTE: User note changed per DMs 663/665.	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		
227-01	9801	Pallet Departure Date Qualifier BR - Date Delivery Commenced *Use 'BR' to denote Pallet Departure Date.*	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 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.	O	10	>1	1	HL					
228-01	9801	Oldest Piece Date Qualifier 88 - First Ship Date *Use '88' to denote Earliest Date of Actual Placement.*	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 *Use 'G' to denote Oldest Piece Time.*	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 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.	O	10	>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		
229-01	9801	Estimated Date Qualifier SE - Date Shipped to Port of Embarkation (POE) *Use 'SE' to denote Estimated Date Arrival at APOE.*	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 *Use 'E' to denote Estimated Time Arrival at APOE.*	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 *Use 'BP' to denote Pallet Closed Date.*	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 *Use 'PCS' to denote Pallet Processing Status Code.*	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 *Use 'EMD' to denote Onward Mode/Method.*	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.										

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		
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 *Use 'LP' to denote Pallet Loading Activity.*	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 *Use 'CN' to denote Ultimate Consignee.*	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 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		
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
A1 - Department Indicator
A2 - Transfer from Department
A3 - Fiscal Year Indicator
A4 - Basic Symbol Number
A5 - Sub-class
A6 - Sub-Account Symbol
AT - Air Force Transportation Account Code (ATAC)
B1 - Budget Activity Number
B2 - Budget Sub-activity Number
B3 - Budget Program Activity
C1 - Program Element
C2 - Project Task or Budget Subline
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
G2 - Special Interest Code or Special Program Cost Code
I1 - Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
J1 - Document or Record Reference Number
K6 - Accounting Classification Reference Code
L1 - Accounting Installation Number
M1 - Local Installation Data
MD - Movement Designator Code (MDC)
N1 - Transaction Type
P5 - Foreign Military Sales (FMS) Line Item Number
TA - Transportation Account Code (TAC)
ZZ - Mutually Defined

116-01 -- Breakdown Structure Detail Code (T_2)

Data Value - Definition
84 - Total Direct Costs
A1 - Department Indicator
A2 - Transfer from Department
A3 - Fiscal Year Indicator
A4 - Basic Symbol Number
A5 - Sub-class
A6 - Sub-Account Symbol
AT - Air Force Transportation Account Code (ATAC)
B1 - Budget Activity Number
B2 - Budget Sub-activity Number
B3 - Budget Program Activity
C1 - Program Element
C2 - Project Task or Budget Subline
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
G2 - Special Interest Code or Special Program Cost Code
I1 - Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
J1 - Document or Record Reference Number
K6 - Accounting Classification Reference Code
L1 - Accounting Installation Number
M1 - Local Installation Data
MD - Movement Designator Code (MDC)
N1 - Transaction Type
P5 - Foreign Military Sales (FMS) Line Item Number
TA - Transportation Account Code (TAC)
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
A1 - Department Indicator
A2 - Transfer from Department
A3 - Fiscal Year Indicator
A4 - Basic Symbol Number
A5 - Sub-class
A6 - Sub-Account Symbol
AT - Air Force Transportation Account Code (ATAC)
B1 - Budget Activity Number
B2 - Budget Sub-activity Number
B3 - Budget Program Activity
C1 - Program Element
C2 - Project Task or Budget Subline
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
G2 - Special Interest Code or Special Program Cost Code
I1 - Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
J1 - Document or Record Reference Number
K6 - Accounting Classification Reference Code
L1 - Accounting Installation Number
M1 - Local Installation Data
MD - Movement Designator Code (MDC)
N1 - Transaction Type
P5 - Foreign Military Sales (FMS) Line Item Number
TA - Transportation Account Code (TAC)
ZZ - Mutually Defined