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Department  
of  
Defense

DoD  
Transportation  
Electronic Business  
(DTEB) Convention

ASC X12 Transaction Set 856 Ship  
Notice/Manifest (Version 004010) –  
Advance Ship Notice – Federal and DoD

VERSION 0

April 2018



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# Section 1.0

## INTRODUCTION

This implementation convention (IC) describes how Department of Defense (DoD) trading partners will use the ANSI ASC X12 856 transaction set to exchange data that describes Advance Ship Notice – Federal and DoD information. 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 Defense Transportation community's Electronic Business (DTEB) program, contact the following:

United States Transportation Command  
TCJ6-RD  
508 Scott Drive  
Scott Air Force Base, IL 62225-7001

For the most recent publication, go

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

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

## Who Needs to Use This Document

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

## Why Use a Convention

Trading partners can populate EDI transaction sets in several ways. A convention defines the rules for filling in or "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.

## Section 2.0

# CONTROL SEGMENTS

### Instruction

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

[https://its.ustranscom.mil/cris/dteb/ic/trans\\_ics.cfm](https://its.ustranscom.mil/cris/dteb/ic/trans_ics.cfm)

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

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

<http://www.ustranscom.mil/cmd/associated/dteb/>

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## Section 3.0

# STANDARD IMPLEMENTATION CONVENTION

This section presents the DoD's convention for generating a Receipt/Shipment-Consolidation/Due-In/REPSHIP notification using the ASC Transaction Set 856 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 ASC X12 convention attributes appearing in the right-hand column of the Data Element Summary and should be interpreted as follows:

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

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

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# 856 Ship Notice/Manifest

Functional Group ID=**SH**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

## Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M		1	
M	020	BSN	Beginning Segment for Ship Notice	M		1	
Not Used	040	DTM	Date/Time Reference	O		10	

## Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						200000	
M	010	HL	Hierarchical Level	M	1		c1
Must Use	020	LIN	Item Identification	O	1		
	030	SN1	Item Detail (Shipment)	O	1		
Not Used	040	SLN	Subline Item Detail	O	1000		
	050	PRF	Purchase Order Reference	O	1		
Not Used	060	PO4	Item Physical Details	O	1		
Not Used	070	PID	Product/Item Description	O	200		
Not Used	080	MEA	Measurements	O	40		
Not Used	090	PWK	Paperwork	O	25		
Not Used	100	PKG	Marking, Packaging, Loading	O	25		
Must Use	110	TD1	Carrier Details (Quantity and Weight)	O	20		
Must Use	120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Must Use	130	TD3	Carrier Details (Equipment)	O	12		
Not Used	140	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	145	TSD	Trailer Shipment Details	O	1		
Must Use	150	REF	Reference Identification	O	>1		
Not Used	151	PER	Administrative Communications Contact	O	3		
						100	
Not Used	152	LH1	Hazardous Identification Information	O	1		
Not Used	153	LH2	Hazardous Classification Information	O	4		
Not Used	154	LH3	Hazardous Material Shipping Name	O	12		
Not Used	155	LFH	Freeform Hazardous Material Information	O	20		
Not Used	156	LEP	EPA Required Data	O	>1		
Not Used	157	LH4	Canadian Dangerous Requirements	O	1		

Not Used	158	LHT	Transborder Hazardous Requirements	O	3
Not Used	159	LHR	Hazardous Material Identifying Reference Numbers	O	10
Not Used	160	PER	Administrative Communications Contact	O	5
Not Used	161	LHE	Empty Equipment Hazardous Material Information	O	1
<b>LOOP ID - CLD</b>					<b>200</b>
Not Used	170	CLD	Load Detail	O	1
Not Used	180	REF	Reference Identification	O	200
Not Used	185	DTP	Date or Time or Period	O	1
Must Use	190	MAN	Marks and Numbers	O	>1
Must Use	200	DTM	Date/Time Reference	O	10
Not Used	210	FOB	F.O.B. Related Instructions	O	1
Not Used	215	PAL	Pallet Information	O	1
<b>LOOP ID - N1</b>					<b>200</b>
Must Use	220	N1	Name	O	1
Not Used	230	N2	Additional Name Information	O	2
Must Use	240	N3	Address Information	O	2
Must Use	250	N4	Geographic Location	O	1
Not Used	260	REF	Reference Identification	O	12
Must Use	270	PER	Administrative Communications Contact	O	3
Not Used	280	FOB	F.O.B. Related Instructions	O	1
Not Used	290	SDQ	Destination Quantity	O	50
Not Used	300	ETD	Excess Transportation Detail	O	1
Not Used	310	CUR	Currency	O	1
<b>LOOP ID - SAC</b>					<b>&gt;1</b>
Not Used	320	SAC	Service, Promotion, Allowance, or Charge Information	O	1
Not Used	325	CUR	Currency	O	1
Not Used	330	GF	Furnished Goods and Services	O	1
Not Used	335	YNQ	Yes/No Question	O	10
<b>LOOP ID - LM</b>					<b>10</b>
Not Used	340	LM	Code Source Information	O	1
Not Used	350	LQ	Industry Code	M	100
<b>LOOP ID - V1</b>					<b>&gt;1</b>
Not Used	360	V1	Vessel Identification	O	1
Not Used	370	R4	Port or Terminal	O	>1
Not Used	380	DTM	Date/Time Reference	O	>1

## Summary:

	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Not Used	010	CTT	Transaction Totals	O	1		n1
M	020	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

- Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

## Transaction Set Comments

- The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

**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 - Advance Ship Notice (ASN)

**Data Element Summary**

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

**Segment:** **BSN** Beginning Segment for Ship Notice  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit identifying numbers, dates, and other basic data relating to the transaction set  
**Syntax Notes:** 1 If BSN07 is present, then BSN06 is required.  
**Semantic Notes:** 1 BSN03 is the date the shipment transaction set is created.  
2 BSN04 is the time the shipment transaction set is created.  
3 BSN06 is limited to shipment related codes.  
**Comments:** 1 BSN06 and BSN07 differentiate the functionality of use for the transaction set.  
**Notes:** [2] BSN SEGMENT - Transaction Set Purpose

#### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BSN01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set [2-01] Advance Ship Notice (ASN) Purpose Code 00 Original [2-01] Original 01 Cancellation [2-01] Cancellation 04 Change [2-01] Change	M ID 2/2
M	BSN02	396	<b>Shipment Identification</b> A unique control number assigned by the original shipper to identify a specific shipment [2-02] Advance Ship Notice (ASN) Enter the 17-character Advance Ship Notice (ASN) Transportation Control Number (TCN). If more than one commodity is included in this shipment, use the first ASN TCN as a Lead TCN.	M AN 2/30
M	BSN03	373	<b>Date</b> Date expressed as CCYYMMDD [2-03] Date of Advance Ship Notice (ASN) Creation Enter the date this Advance Ship Notice (ASN) was created. Use format CCYYMMDD.	M DT 8/8
M	BSN04	337	<b>Time</b> 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) [2-04] Time of Advance Ship Notice (ASN) Creation Enter the time this Advance Ship Notice was created. Use format HHMM.	M TM 4/8
X	BSN05	1005	<b>Hierarchical Structure Code</b> Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 4/4
X	BSN06	640	<b>Transaction Type Code</b> Code specifying the type of transaction Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
X	BSN07	641	<b>Status Reason Code</b> Code indicating the status reason Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 3/3

**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:**

[3] HL SEGMENT - SHIPMENT Loop  
 LOOP CONDITION: The hierarchical structure shall be: Shipment (HL03 Code S), Order (HL03 code O), Pack (HL03 = P), and Item (HL03 Code I).  
 [32] HL SEGMENT - ORDER Loop  
 [35] HL SEGMENT - PACK Loop  
 [37] HL SEGMENT - ITEM Loop

**Data Element Summary**

Ref.	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 [3-01] Shipment Loop - Hierarchical ID Number Use the value one (1) for the first HL loop and increment the value by one for each successive HL loop. This value may be referenced in succeeding HL loops to identify a parent. [32-01] Order Loop - Hierarchical ID Number [35-01] Pack Loop - Hierarchical ID Number [37-01] Item Loop - Hierarchical ID Number	
X	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	



**Segment:** **LIN** **Item Identification**  
**Position:** 020  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To specify basic item identification data  
**Syntax Notes:**

- 1 If either LIN04 or LIN05 is present, then the other is required.
- 2 If either LIN06 or LIN07 is present, then the other is required.
- 3 If either LIN08 or LIN09 is present, then the other is required.
- 4 If either LIN10 or LIN11 is present, then the other is required.
- 5 If either LIN12 or LIN13 is present, then the other is required.
- 6 If either LIN14 or LIN15 is present, then the other is required.
- 7 If either LIN16 or LIN17 is present, then the other is required.
- 8 If either LIN18 or LIN19 is present, then the other is required.
- 9 If either LIN20 or LIN21 is present, then the other is required.
- 10 If either LIN22 or LIN23 is present, then the other is required.
- 11 If either LIN24 or LIN25 is present, then the other is required.
- 12 If either LIN26 or LIN27 is present, then the other is required.
- 13 If either LIN28 or LIN29 is present, then the other is required.
- 14 If either LIN30 or LIN31 is present, then the other is required.

**Semantic Notes:**

- 1 LIN01 is the line item identification

**Comments:**

- 1 See the Data Dictionary for a complete list of IDs.
- 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item.  
For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

**Notes:** [38] LIN SEGMENT - Item Loop - Item Identification

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
X	LIN01	350	<b>Assigned Identification</b>	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
M	LIN02	235	<b>Product/Service ID Qualifier</b>	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			[38-02] Item Loop - National Stock Number (NSN) Qualifier Use value 'FS' - National Stock Number (NSN) Qualifier. Required for the Navy Exchange Service Command (NEXCOM).	
			FS	National Stock Number
				[38-02] National Stock Number
M	LIN03	234	<b>Product/Service ID</b>	M AN 1/48
			Identifying number for a product or service	
			[38-03] Item Loop - National Stock Number (NSN) Enter the National Stock Number (NSN). Required for the Navy Exchange Service Command (NEXCOM).	
	LIN04	235	<b>Product/Service ID Qualifier</b>	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			[38-04] Item Loop - Stock Keeping Unit (SKU) Qualifier Use value 'SK' - Stock Keeping Unit (SKU) Qualifier. ELEMENT CONDITION: Mandatory for the Federal Emergency Management Agency (FEMA).	
			SK	Stock Keeping Unit (SKU)
				[38-04] Stock Keeping Unit (SKU)

LIN05	234	<b>Product/Service ID</b>	X AN 1/48
		Identifying number for a product or service [38-05] Item Loop - Stock Keeping Unit (SKU) Enter the Stock Keeping Unit (SKU). This is the Federal Emergency Management Agency (FEMA) Item Name as reported in the FEMA Logistics Supply Chain Management System (LSCMS). ELEMENT CONDITION: Mandatory for the Federal Emergency Management Agency (FEMA).	
LIN06	235	<b>Product/Service ID Qualifier</b>	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) [38-06] Item Loop - Manufacturer Qualifier Use value 'MF' - Manufacturer (Manufacturer's Name). ELEMENT CONDITION: If Available.	
		MF                      Manufacturer	
		[38-06] Manufacturer	
LIN07	234	<b>Product/Service ID</b>	X AN 1/48
		Identifying number for a product or service [38-07] Item Loop - Manufacturer's Name Enter the Manufacturer's Name. ELEMENT CONDITION: If Available.	
LIN08	235	<b>Product/Service ID Qualifier</b>	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) [38-08] Item Loop - Shipping Container Code Qualifier For the Navy Exchange Service Command (NEXCOM), use Shipping Container Code values 'UP' - Universal Product Code; 'EN' - European Article Number; or 'UK' - U.P.C./EAN Shipping Container Code. ELEMENT CONDITION: Mandatory for the Navy Exchange Service Command (NEXCOM).	
		EN                      European Article Number (EAN) (2-5-5-1)	
		[38-08] European Article Number (EAN) (2-5-5-1)	
		UK                      U.P.C./EAN Shipping Container Code (1-2-5-5-1)	
		A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit	
		[38-08] U.P.C./EAN Shipping Container Code (1-2-5-5-1)	
		UP                      U.P.C. Consumer Package Code (1-5-5-1)	
		[38-08] U.P.C. Consumer Package Code (1-5-5-1)	
LIN09	234	<b>Product/Service ID</b>	X AN 1/48
		Identifying number for a product or service [38-09] Item Loop - Shipping Container Code When LIN08 = UP, enter the Universal Product Code. When LIN08 = EN, enter the European Article Number. When LIN08 = UK, enter the U.P.C./EAN. ELEMENT CONDITION: Mandatory for the Navy Exchange Service Command (NEXCOM).	
X	LIN10	235	<b>Product/Service ID Qualifier</b>
			X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	

X	LIN11	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/48
X	LIN12	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	LIN13	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/48
X	LIN14	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	LIN15	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/48
X	LIN16	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	LIN17	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/48
X	LIN18	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	LIN19	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/48
X	LIN20	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	LIN21	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/48
X	LIN22	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	LIN23	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/48
X	LIN24	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	LIN25	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/48
X	LIN26	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	LIN27	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/48
X	LIN28	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2

X	LIN29	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/48
X	LIN30	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	LIN31	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/48

**Segment:** **SN1** Item Detail (Shipment)  
**Position:** 030  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify line-item detail relative to shipment  
**Syntax Notes:** 1 If either SN105 or SN106 is present, then the other is required.  
**Semantic Notes:** 1 SN101 is the ship notice line-item identification.  
**Comments:** 1 SN103 defines the unit of measurement for both SN102 and SN104.  
**Notes:** [39] SN1 SEGMENT - Item Loop - Item Detail  
 SEGMENT CONDITION: Use this segment only in a Line Item Loop (HL03 = 'T')

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
X	SN101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	<b>O AN 1/20</b>
M	SN102	382	<b>Number of Units Shipped</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set [39-02] Item Loop - Shipped Quantity Enter the actual quantity packaged and shipped for the line item requisition document number, the packing list, or the other shipping documents used to identify the shipment's contents.	<b>M R 1/10</b>
M	SN103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken [39-03] Item Loop - Shipped Quantity Unit or Basis for Measurement Code Select the appropriate Unit of Measure.	<b>M ID 2/2</b>
		1N	Count [39-03] Count	
		26	Actual Tons [39-03] Actual Tons	
		CF	Cubic Feet [39-03] Cubic Feet	
		EA	Each [39-03] Each	
		GA	Gallon [39-03] Gallon	
		KG	Kilogram [39-03] Kilogram	
		LB	Pound [39-03] Pound	
		LT	Liter [39-03] Liter	
		MP	Metric Ton [39-03] Metric Ton	
		NS	Short Ton Two thousand pounds [39-03] Short Ton	
		PC	Piece [39-03] Piece	

X	SN104	646	<b>Quantity Shipped to Date</b> Number of units shipped to date	O R 1/15
X	SN105	330	<b>Quantity Ordered</b> Quantity ordered	X R 1/15
X	SN106	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
X	SN107	728	<b>Returnable Container Load Make-Up Code</b> Code identifying the load make-up of the returnable containers in the shipment Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/2
X	SN108	668	<b>Line Item Status Code</b> Code specifying the action taken by the seller on a line item requested by the buyer Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2

**Segment:** **PRF** Purchase Order Reference  
**Position:** 050  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To provide reference to a specific purchase order  
**Syntax Notes:**  
**Semantic Notes:** 1 PRF04 is the date assigned by the purchaser to purchase order.  
**Comments:**  
**Notes:**

[33] PRF SEGMENT - Order Loop - Purchase Order Reference  
 Report the Navy Exchange Service Command (NEXCOM) Purchase Order Number or the Federal Emergency Management Agency (FEMA) Distribution Order Number.  
 SEGMENT CONDITION: Reporting the Purchase Order in the ORDER Loop is required by the Navy Exchange Service Command (NEXCOM).

#### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PRF01	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser [33-01] Order Loop - Purchase Order Number	M AN 1/22
X	PRF02	328	<b>Release Number</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30
X	PRF03	327	<b>Change Order Sequence Number</b> Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	O AN 1/8
>>	PRF04	373	<b>Date</b> Date expressed as CCYYMMDD [33-04] Order Loop - Purchase Order Date	O DT 8/8
X	PRF05	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
X	PRF06	367	<b>Contract Number</b> Contract number	O AN 1/30
X	PRF07	92	<b>Purchase Order Type Code</b> Code specifying the type of Purchase Order Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2

**Segment:** **TD1** Carrier Details (Quantity and Weight)  
**Position:** 110  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 20  
**Purpose:** To specify the transportation details relative to commodity, weight, and quantity  
**Syntax Notes:**

- 1 If TD101 is present, then TD102 is required.
- 2 If TD103 is present, then TD104 is required.
- 3 If TD106 is present, then TD107 is required.
- 4 If either TD107 or TD108 is present, then the other is required.
- 5 If either TD109 or TD110 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Notes:** [5] TD1 SEGMENT - Shipment Loop - Carrier Details (Quantity and Weight)

**Data Element Summary**

Ref.	Data Des.	Element	Name	Attributes
	TD101	103	<b>Packaging Code</b> Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required [5-01] Shipment Loop - Packaging Code Navy Exchange Service Command (NEXCOM) requested Packaging Code. ELEMENT CONDITION: If Available CTN Carton [5-01] Carton	O AN 3/5
>>	TD102	80	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity [5-02] Shipment Loop - Lading Quantity The total number of items in the shipment.	X N0 1/7
X	TD103	23	<b>Commodity Code Qualifier</b> Code identifying the commodity coding system used for Commodity Code Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1
X	TD104	22	<b>Commodity Code</b> Code describing a commodity or group of commodities	X AN 1/30
X	TD105	79	<b>Lading Description</b> Description of an item as required for rating and billing purposes	O AN 1/50
	TD106	187	<b>Weight Qualifier</b> Code defining the type of weight [5-06] Shipment Loop - Weight Qualifier G Gross Weight [5-06] Gross Weight	O ID 1/2
	TD107	81	<b>Weight</b> Numeric value of weight [5-07] Shipment Loop - Weight	X R 1/10
	TD108	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken [5-08] Shipment Loop - Unit or Basis for Measurement Code 26 Actual Tons [5-08] Actual Tons KG Kilogram [5-08] Kilogram	X ID 2/2

		LB	Pound	
			[5-08] Pound	
		MP	Metric Ton	
			[5-08] Metric Ton	
		NS	Short Ton	
			Two thousand pounds	
			[5-08] Short Ton	
<b>TD109</b>	<b>183</b>	<b>Volume</b>		<b>X R 1/8</b>
		Value of volumetric measure		
		[5-09] Shipment Loop - Volume		
<b>TD110</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>X ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		[5-10] Shipment Loop - Unit or Basis for Measurement Code		
		GA	Gallon	
			[5-10] Gallon	
		LT	Liter	
			[5-10] Liter	

**Segment:** **TD5** Carrier Details (Routing Sequence/Transit Time)  
**Position:** 120  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 12  
**Purpose:** To specify the carrier and sequence of routing and provide transit time information  
**Syntax Notes:**

- 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
- 2 If TD502 is present, then TD503 is required.
- 3 If TD507 is present, then TD508 is required.
- 4 If TD510 is present, then TD511 is required.
- 5 If TD513 is present, then TD512 is required.
- 6 If TD514 is present, then TD513 is required.
- 7 If TD515 is present, then TD512 is required.

**Semantic Notes:**

- 1 TD515 is the country where the service is to be performed.

**Comments:**

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

**Notes:** [6] TD5 SEGMENT - Shipment Loop - Carrier Details

**Data Element Summary**

Ref.	Data Element	Name	Attributes
X	TD501	133 Routing Sequence Code	O ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement Refer to 004010 Data Element Dictionary for acceptable code values.	
>>	TD502	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67) [6-02] Shipment Loop - Standard Carrier Alpha Code (SCAC) Qualifier Use value "2" = Standard Carrier Alpha Code (SCAC). 2 Standard Carrier Alpha Code (SCAC) [6-02] Standard Carrier Alpha Code (SCAC)	
>>	TD503	67 Identification Code	X AN 2/80
		Code identifying a party or other code [6-03] Shipment Loop - Standard Carrier Alpha Code (SCAC) Enter the Carrier's Standard Carrier Alpha Code (SCAC).	
	TD504	91 Transportation Method/Type Code	X ID 1/2
		Code specifying the method or type of transportation for the shipment [6-04] Shipment Loop - Transportation Method / Type Code Use values 'J' - Motor, 'M' - Motor (Common Carrier), or 'C' - Consolidation ELEMENT CONDITION: If Available C Consolidation [6-04] Consolidation J Motor [6-04] Motor M Motor (Common Carrier) [6-04] Motor (Common Carrier)	
	TD505	387 Routing	X AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity [6-05] Shipment Loop - Routing Description of the routing or requested routing for shipment. ELEMENT CONDITION: If Available	

X	TD506	368	<b>Shipment/Order Status Code</b>	X ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction Refer to 004010 Data Element Dictionary for acceptable code values.	
X	TD507	309	<b>Location Qualifier</b>	O ID 1/2
			Code identifying type of location Refer to 004010 Data Element Dictionary for acceptable code values.	
X	TD508	310	<b>Location Identifier</b>	X AN 1/30
			Code which identifies a specific location	
X	TD509	731	<b>Transit Direction Code</b>	O ID 2/2
			The point of origin and point of direction Refer to 004010 Data Element Dictionary for acceptable code values.	
X	TD510	732	<b>Transit Time Direction Qualifier</b>	O ID 2/2
			Code specifying the value of time used to measure the transit time Refer to 004010 Data Element Dictionary for acceptable code values.	
X	TD511	733	<b>Transit Time</b>	X R 1/4
			The numeric amount of transit time	
X	TD512	284	<b>Service Level Code</b>	X ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier Refer to 004010 Data Element Dictionary for acceptable code values.	
X	TD513	284	<b>Service Level Code</b>	X ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier Refer to 004010 Data Element Dictionary for acceptable code values.	
X	TD514	284	<b>Service Level Code</b>	O ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier Refer to 004010 Data Element Dictionary for acceptable code values.	
X	TD515	26	<b>Country Code</b>	O ID 2/3
			Code identifying the country	

**Segment:** **TD3** Carrier Details (Equipment)  
**Position:** 130  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 12  
**Purpose:** To specify transportation details relating to the equipment used by the carrier  
**Syntax Notes:**

- 1 Only one of TD301 or TD310 may be present.
- 2 If TD302 is present, then TD303 is required.
- 3 If TD304 is present, then TD305 is required.
- 4 If either TD305 or TD306 is present, then the other is required.

**Semantic Notes:**  
**Comments:**  
**Notes:** [7] TD3 SEGMENT - Shipment Loop - Carrier Details (Equipment)

**Data Element Summary**

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
TD301	40	<b>Equipment Description Code</b> Code identifying type of equipment used for shipment [7-01] Shipment Loop - Equipment Description Code Enter 'TL' for Trailer ELEMENT CONDITION: Include Trailer Information, if available. TL Trailer (not otherwise specified) [7-01] Trailer (not otherwise specified)	X ID 2/2
TD302	206	<b>Equipment Initial</b> Prefix or alphabetic part of an equipment unit's identifying number [7-02] Shipment Loop - Trailer Owner Enter the Standard Carrier Alpha Code (SCAC) of the Equipment (Trailer) Owner ELEMENT CONDITION: Please provide the SCAC of the Trailer Owner, if different from the Carrier SCAC. SOURCE: Directory of Standard Carrier Alpha Codes (SCAC), NMF 101 Series available from National Motor Freight Traffic Association, Inc; Railroad Mark Register available from Director, Industry Reference Files Railinc/Association of American Railroads	O AN 1/4
TD303	207	<b>Equipment Number</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) [7-03] Shipment Loop - Trailer Number Enter the Equipment (Trailer) Number ELEMENT CONDITION: Please report the Equipment (Trailer) Number if available.	X AN 1/10
X	TD304	187 <b>Weight Qualifier</b> Code defining the type of weight Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/2
X	TD305	81 <b>Weight</b> Numeric value of weight	X R 1/10
X	TD306	355 <b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
X	TD307	102 <b>Ownership Code</b> Code indicating the relationship of equipment to carrier or ownership of equipment Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1

<b>X</b>	<b>TD308</b>	<b>407</b>	<b>Seal Status Code</b> Code indicating condition of door seal upon arrival Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 2/2</b>
	<b>TD309</b>	<b>225</b>	<b>Seal Number</b> Unique number on seal used to close a shipment [7-09] Shipment Loop - Seal Number Enter the Seal Number ELEMENT CONDITION: Include Seal Number, if available.	<b>O AN 2/15</b>
<b>X</b>	<b>TD310</b>	<b>24</b>	<b>Equipment Type</b> Code identifying equipment type	<b>X ID 4/4</b>

**Segment:** **REF** Reference Identification  
**Position:** 150  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** >1  
**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:**

- [8] REF SEGMENT - Shipment Loop - Bill of Lading Number
- [9] REF SEGMENT - Shipment Loop - Carrier PRO Number
- [10] REF SEGMENT - Shipment Loop - License Plate Number
- [11] REF SEGMENT - Shipment Loop - License Plate State
- [12] REF SEGMENT - Shipment Loop - Transponder Number
- [34] REF SEGMENT - Order Loop - Internal Vendor Number
- [40] REF SEGMENT - Item Loop - Requisition Number
- [41] REF SEGMENT - Item Loop - Lot Number

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<b>REF01</b>	<b>128 Reference Identification Qualifier</b>	M ID 2/3

Code qualifying the Reference Identification

[8-01] Shipment Loop - Bill of Lading Number Qualifier  
 Use value 'BL' = Government Bill Of Lading; or value 'BM' = Bill Of Lading Number.

[9-01] Shipment Loop - Carrier PRO Number Qualifier  
 Use value 'CN' = Carrier PRO Number.

[10-01] Shipment Loop - License Plate Number Qualifier  
 Use value 'LV' = License Plate Number.

ELEMENT CONDITION: If Available

[11-01] Shipment Loop - License Plate State Qualifier  
 Use value 'OB' = License Plate State.

ELEMENT CONDITION: If Available

[12-01] Shipment Loop - Transponder Number Qualifier  
 Use value 'TPN' - Transponder Number.

ELEMENT CONDITION: If Used

[34-01] Order Loop - Internal Vendor Number Qualifier  
 Use value 'IA' - Internal Vendor Identification Qualifier.

[40-01] Item Loop - Requisition Number Qualifier  
 Use value 'RQ' - Purchase Requisition Number.

[41-01] Item Loop - Lot Number Qualifier  
 Use value 'LT' - Lot Number.

ELEMENT CONDITION: Mandatory for Federal Emergency Management Agency (FEMA) meals.

OB	State License Number
	[11-01] State License Number
BL	Government Bill of Lading
	[8-01] Government Bill of Lading
BM	Bill of Lading Number
	[8-01] Bill of Lading Number
CN	Carrier's Reference Number (PRO/Invoice)
	[9-01] Carrier's Reference Number (PRO/Invoice)
IA	Internal Vendor Number
	[34-01] Internal Vendor Number

LT	Lot Number
	[41-01] Lot Number
LV	License Plate Number
	[10-01] License Plate Number
RQ	Purchase Requisition Number
	[40-01] Purchase Requisition Number
TPN	Transponder Number
	[12-01] Transponder Number

>>      **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

[8-02] Shipment Loop - Bill of Lading Number  
Enter the Bill of Lading or Government Bill of Lading Number for this shipment.

[9-02] Shipment Loop - Carrier PRO Number  
Enter the Carrier PRO Number for this shipment.

[10-02] Shipment Loop - License Plate Number  
Enter the Trailer License Plate Number.

ELEMENT CONDITION: If Available

[11-02] Shipment Loop - License Plate State  
Enter the License Plate State. License Plate State can be reported as a standard two-character abbreviation (OH); or it may be spelled out (Ohio).

ELEMENT CONDITION: If Available

[12-02] Shipment Loop - Transponder Number  
Enter Transponder Number

ELEMENT CONDITION: If Used

[34-02] Order Loop - Internal Vendor Number  
Enter the Internal Vendor Number.

[40-02] Item Loop - Requisition Number  
Enter the Purchase Requisition Number.

[41-02] Item Loop - Lot Number  
Enter the Lot Number.

ELEMENT CONDITION: Mandatory for Federal Emergency Management Agency (FEMA) meals.

**REF03**      **352**      **Description**      **X**      **AN 1/80**

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

[8-03] Shipment Loop - Bill of Lading Number Description  
If REF01 = 'BL', enter 'Government Bill of Lading Number'. If REF01 = 'BM', enter 'Bill of Lading Number'.

[9-03] Shipment Loop - Carrier PRO Number Description  
Enter 'Carrier PRO Number'

[10-03] Shipment Loop - License Plate Number Description  
Enter 'License Plate Number'

[11-03] Shipment Loop - License Plate State Description  
Enter 'License Plate State'

[12-03] Shipment Loop - Transponder Description  
Enter 'Transponder Number'.

[34-03] Order Loop - Internal Vendor Number Description  
Enter 'Internal Vendor Number'.

[40-03] Item Loop - Requisition Number Description  
Enter 'Purchase Requisition Number'.

[41-03] Item Loop - Lot Number Description  
Enter 'Lot Number'

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

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

X	C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
X	C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
X	C04003	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
X	C04004	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
X	C04005	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
X	C04006	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

<b>Segment:</b>	<b>MAN</b> Marks and Numbers
<b>Position:</b>	190
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional (Must Use)
<b>Max Use:</b>	>1
<b>Purpose:</b>	To indicate identifying marks and numbers for shipping containers
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either MAN04 or MAN05 is present, then the other is required.</li> <li>2 If MAN06 is present, then MAN05 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.</li> <li>2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.</li> <li>3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.</li> <li>2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.</li> </ol>
<b>Notes:</b>	[36] MAN SEGMENT - Pack Loop - Marks and Numbers

#### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
M	MAN01	88 <b>Marks and Numbers Qualifier</b>	M ID 1/2
		Code specifying the application or source of Marks and Numbers (87)	
		[36-01] Pack Loop - Serial Shipping Container Code (SSCC) Qualifier	
		When used for the Navy Exchange Service Command (NEXCOM).data entry, always use the value 'GM' for Serial Shipping Container Code (SSCC) or Bar Code. NEXCOM uses the SSCC-18 and Application Identifier.	
		GM SSCC-18 and Application Identifier	
		[36-01] SSCC-18 and Application Identifier	
M	MAN02	87 <b>Marks and Numbers</b>	M AN 1/48
		Marks and numbers used to identify a shipment or parts of a shipment	
		[36-02] Pack Loop - Serial Shipping Container Code (SSCC)	
		Navy Exchange Service Command (NEXCOM) uses the Serial Shipping Container Code (SSCC) Bar Code format of SSCC-18 and an Application Identifier.	
X	MAN03	87 <b>Marks and Numbers</b>	O AN 1/48
		Marks and numbers used to identify a shipment or parts of a shipment	
X	MAN04	88 <b>Marks and Numbers Qualifier</b>	X ID 1/2
		Code specifying the application or source of Marks and Numbers (87)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
X	MAN05	87 <b>Marks and Numbers</b>	X AN 1/48
		Marks and numbers used to identify a shipment or parts of a shipment	
X	MAN06	87 <b>Marks and Numbers</b>	O AN 1/48
		Marks and numbers used to identify a shipment or parts of a shipment	

**Segment:** **DTM** **Date/Time Reference**  
**Position:** 200  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:**

[13] DTM SEGMENT - Shipment Loop - Shipped Date/Time  
 [14] DTM SEGMENT - Shipment Loop - Estimated Delivery Date/Time  
 [15] DTM SEGMENT - Shipment Loop - Required Delivery Date/Time  
 [42] DTM SEGMENT - Item Loop - Expiration Date  
 SEGMENT CONDITION: Use this segment only in the first Shipment loop (HL01 = '1' and HL03 = 'S') to indicate the date and time the shipment was shipped.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M		374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time [13-01] Shipment Loop - Shipped Date/Time Qualifier Use value '011' = Shipped Date Qualifier. [14-01] Shipment Loop - Estimated Delivery Date/Time Qualifier Use value '017' = Estimated Delivery Date/Time Qualifier [15-01] Shipment Loop - Required Delivery Date/Time Qualifier Use value '996' = Required Delivery Date/Time Qualifier. [42-01] Item Loop - Expiration Date Qualifier ELEMENT CONDITION: Mandatory for the Federal Emergency Management Agency (FEMA)Water and Meal Items.	M ID 3/3
			011 Shipped [13-01] Shipped	
			017 Estimated Delivery [14-01] Estimated Delivery	
			036 Expiration Date coverage expires [42-01] Expiration	
			996 Required Delivery A date on which or before, ordered goods or services must be delivered [15-01] Required Delivery	
>>	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD [13-02] Shipment Loop - Shipped Date Enter Shipped Date. Use format CCYYMMDD. [14-02] Shipment Loop - Estimated Delivery Date Enter Estimated Delivery Date. Use format CCYYMMDD. [15-02] Shipment Loop - Required Delivery Date Enter Required Delivery Date. Use format CCYYMMDD. [42-02] Item Loop - Expiration Date ELEMENT CONDITION: Mandatory for the Federal Emergency Management Agency (FEMA)Water and Meal Items.	X DT 8/8

>>	<b>DTM03</b>	<b>337</b>	<b>Time</b>	<b>X TM 4/8</b>
			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)	
			[13-03] Shipment Loop - Shipped Time Enter the time Shipped. Use format HHMM.	
			[14-03] Shipment Loop - Estimated Delivery Time Enter the Estimated Delivery Time. Use format HHMM. ELEMENT CONDITION: If Available	
			[15-03] Shipment Loop - Required Delivery Time Enter the Required Delivery Time. Use format HHMM. ELEMENT CONDITION: If Available	
	<b>DTM04</b>	<b>623</b>	<b>Time Code</b>	<b>O ID 2/2</b>
			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	
			[13-04] Shipment Loop - Shipped Time Code Qualifier ELEMENT CONDITION: Required if DTM03 is used. SOURCE: ISO 8601 available from American National Standards Institute	
			[14-04] Shipment Loop - Estimated Delivery Time Code Qualifier Enter the Estimated Delivery Time Code Qualifier. ELEMENT CONDITION: Required if DTM03 is used. SOURCE: ISO 8601 available from American National Standards Institute	
			[15-04] Shipment Loop - Required Delivery Time Code Qualifier Enter the Required Delivery Time Code Qualifier. ELEMENT CONDITION: Required if DTM03 is used. SOURCE: ISO 8601 available from American National Standards Institute	
			GM Greenwich Mean Time	
			[13-04] Greenwich Mean Time	
			[14-04] Greenwich Mean Time	
			[15-04] Greenwich Mean Time	
<b>X</b>	<b>DTM05</b>	<b>1250</b>	<b>Date Time Period Format Qualifier</b>	<b>X ID 2/3</b>
			Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>X</b>	<b>DTM06</b>	<b>1251</b>	<b>Date Time Period</b>	<b>X AN 1/35</b>
			Expression of a date, a time, or range of dates, times or dates and times	

**Segment:** **N1** Name  
**Position:** 220  
**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:**

- [16] N1 SEGMENT - Shipment Loop - Shipper N1 - Shipper Name
- [20] N1 SEGMENT - Shipment Loop - Ship From N1 - Ship From Name
- [24] N1 SEGMENT - Shipment Loop - Consignee N1 - Consignee Name
- [28] N1 SEGMENT - Shipment Loop - Ship To N1 - Ship To Name

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		[16-01] Shipment Loop - Shipper N1 Loop - Shipper N1 - Shipper Identifier Code	
		Use value 'SH' = Shipper Identifier Code.	
		[20-01] Shipment Loop - Ship From N1 Loop - Ship From N1 - Ship From Identifier Code	
		Use value 'SF' = Ship From Identifier Code.	
		[24-01] Shipment Loop - Consignee N1 Loop - Consignee N1 - Consignee Qualifier	
		Use value 'CN' = Consignee.	
		[28-01] Shipment Loop - Ship To N1 Loop - Ship To N1 - Ship To Qualifier	
		Use value 'ST' = Ship To.	
		CN Consignee	
		[24-01] Consignee	
		SF Ship From	
		[20-01] Ship From	
		SH Shipper	
		[16-01] Shipper	
		ST Ship To	
		[28-01] Ship To	

<b>N102</b>	<b>93</b>	<p><b>Name</b> <span style="float: right;"><b>X AN 1/60</b></span></p> <p>Free-form name</p> <p>[16-02] Shipment Loop - Shipper N1 Loop - Shipper N1 - Shipper Name ELEMENT CONDITION: Either the N102 Shipper Organizational Name, or the N103/N104 Shipper Identification Code Qualifier/Shipper Identification Code, or all three.</p> <p>[20-02] Shipment Loop - Ship From N1 Loop - Ship From N1 - Ship From Name ELEMENT CONDITION: Either the N102 Ship From Organizational Name, or the N103/N104 Ship From Identification Code Qualifier/Ship From Identification Code, or all three.</p> <p>[24-02] Shipment Loop - Consignee N1 Loop - Consignee N1 - Consignee Name ELEMENT CONDITION: Either the N102 Consignee Organizational Name, or the N103/N104 Consignee Code Qualifier/Consignee Code, or all three.</p> <p>[28-02] Shipment Loop - Ship To N1 Loop - Ship To N1 - Ship To Name ELEMENT CONDITION: Either the N102 Ship To Organizational Name, or the N103/N104 Ship To Code Qualifier/Ship To Code, or all three.</p>
<b>N103</b>	<b>66</b>	<p><b>Identification Code Qualifier</b> <span style="float: right;"><b>X ID 1/2</b></span></p> <p>Code designating the system/method of code structure used for Identification Code (67)</p> <p>[16-03] Shipment Loop - Shipper N1 Loop - Shipper N1 - Shipper Identification Code Qualifier ZZ will be defined as Federal Emergency Management Agency (FEMA) Logistics Supply Chain Management System (LSCMS) Facility Identifier. Navy Exchange Service Command (NEXCOM) requires the N103 and N104. ELEMENT CONDITION: Either the N102 Shipper Organizational Name, or the N103/N104 Shipper Identification Code Qualifier/Shipper Identification Code, or all three.</p> <p>[20-03] Shipment Loop - Ship From N1 Loop - Ship From N1 - Ship From Identification Code Qualifier Enter the Ship From Identification Code Qualifier. If the N103 Ship From Identification Code Qualifier is present, there must also be an N104 Ship From Identification Code. Navy Exchange Service Command (NEXCOM) requires the N103 and N104. ELEMENT CONDITION: Either the N102 Ship From Name, or the N103/N104 Ship From Identification Code Qualifier/Ship From Identification Code, or all are required.</p> <p>[24-03] Shipment Loop - Consignee N1 Loop - Consignee N1 - Consignee Identification Code Qualifier Navy Exchange Service Command (NEXCOM) requires the N103 and N104. ELEMENT CONDITION: Either the N102 Consignee Organizational Name, or the N103/N104 Consignee Code Qualifier/Consignee Code, or all three.</p> <p>[28-03] Shipment Loop - Ship To N1 Loop - Ship To N1 - Ship To Identification Code Qualifier Navy Exchange Service Command (NEXCOM) requires the N103 and N104. ELEMENT CONDITION: Either the N102 Ship To Organizational Name, or the N103/N104 Ship To Code Qualifier/Ship To Code, or all three.</p> <p style="margin-left: 20px;">1 D-U-N-S Number, Dun &amp; Bradstreet</p> <p style="margin-left: 40px;">[16-03] D-U-N-S Number, Dun &amp; Bradstreet [20-03] D-U-N-S Number, Dun &amp; Bradstreet [24-03] D-U-N-S Number, Dun &amp; Bradstreet [28-03] D-U-N-S Number, Dun &amp; Bradstreet</p>

9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix [16-03] D-U-N-S+4, D-U-N-S Number with Four Character Suffix [20-03] D-U-N-S+4, D-U-N-S Number with Four Character Suffix [24-03] D-U-N-S+4, D-U-N-S Number with Four Character Suffix [28-03] D-U-N-S+4, D-U-N-S Number with Four Character Suffix
10	Department of Defense Activity Address Code (DODAAC) [16-03] Department of Defense Activity Address Code (DODAAC) [20-03] Department of Defense Activity Address Code (DODAAC) [24-03] Department of Defense Activity Address Code (DODAAC) [28-03] Department of Defense Activity Address Code (DODAAC)
33	Commercial and Government Entity (CAGE) [16-03] Commercial and Government Entity (CAGE) [20-03] Commercial and Government Entity (CAGE) [24-03] Commercial and Government Entity (CAGE) [28-03] Commercial and Government Entity (CAGE)
A2	Military Assistance Program Address Code (MAPAC) Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity [16-03] Military Assistance Program Address Code (MAPAC) [20-03] Military Assistance Program Address Code (MAPAC) [24-03] Military Assistance Program Address Code (MAPAC) [28-03] Military Assistance Program Address Code (MAPAC)
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 [16-03] Department of Defense Routing Identifier Code (RIC) [20-03] Department of Defense Routing Identifier Code (RIC) [24-03] Department of Defense Routing Identifier Code (RIC) [28-03] Department of Defense Routing Identifier Code (RIC)
ZZ	Mutually Defined [16-03] Mutually Defined

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

Code identifying a party or other code

[16-04] Shipment Loop - Shipper N1 Loop - Shipper N1 - Shipper Identification Code

Enter the Shipper Identification Code. If the N103 Shipper Identification Code Qualifier is present, there must also be an N104 Shipper Identification Code. When N103 = 1, (D-U-N-S); When N103 = 9, (D-U-N-S+4); When N103 = 10, (DODAAC); When N103 = 33, (CAGE); When N103 = A2, (MAPAC); When N103 = M4, (RIC); and When N103 = ZZ, FEMA LSCMS Facility ID. Navy Exchange Service Command (NEXCOM) requires the N103 and N104.

ELEMENT CONDITION: Either the N102 Shipper Organizational Name, or the N103/N104 Shipper Identification Code Qualifier/Shipper Identification Code, or all three.

[20-04] Shipment Loop - Ship From N1 Loop - Ship From N1 - Ship From Identification Code

Enter the Ship From Identification Code. If the N103 Ship From Identification Code Qualifier is present, there must also be an N104 Ship From Identification Code. When N103 = 1, (D-U-N-S); When N103 = 9, (D-U-N-S+4); When N103 = 10, (DODAAC); When N103 = 33, (CAGE); When N103 = A2, (MAPAC); When N103 = M4, (RIC); and When N103 = ZZ, FEMA LSCMS Facility ID. Navy Exchange Service Command (NEXCOM) requires the N103 and N104.

ELEMENT CONDITION: Either the N102 Ship From Organizational Name, or the N103/N104 Ship From Identification Code Qualifier/Ship From Identification Code, or all three.

[24-04] Shipment Loop - Consignee N1 Loop - Consignee N1 - Consignee Identification Code

Enter the Consignee Identification Code. If the N103 Consignee Identification Code Qualifier is present, there must also be an N104 Consignee Identification Code. When N103 = 1, (D-U-N-S); When N103 = 9, (D-U-N-S+4); When N103 = 10, (DODAAC); When N103 = 33, (CAGE); When N103 = A2, (MAPAC); When N103 = M4, (RIC); and When N103 = ZZ, FEMA LSCMS Facility ID. Navy Exchange Service Command (NEXCOM) requires the N103 and N104.

ELEMENT CONDITION: Either the N102 Consignee Name, or the N103/N104 Consignee Code Qualifier/Consignee Code, or all are required.

[28-04] Shipment Loop - Ship To N1 Loop - Ship To N1 - Ship To Identification Code

Enter the Ship To Identification Code. If the N103 Ship To Identification Code Qualifier is present, there must also be an N104 Ship To Identification Code. When N103 = 1, (D-U-N-S); When N103 = 9, (D-U-N-S+4); When N103 = 10, (DODAAC); When N103 = 33, (CAGE); When N103 = A2, (MAPAC); When N103 = M4, (RIC); and When N103 = ZZ, FEMA LSCMS Facility ID. Navy Exchange Service Command (NEXCOM) requires the N103 and N104.

ELEMENT CONDITION: Either the N102 Ship To Organizational Name, or the N103/N104 Ship To Code Qualifier/Ship To Code, or all three..

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

Code describing entity relationship

Refer to 004010 Data Element Dictionary for acceptable code values.

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

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

Refer to 004010 Data Element Dictionary for acceptable code values.

**Segment:** N3 Address Information  
**Position:** 240  
**Loop:** N1 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

[17] N3 SEGMENT - Shipment Loop - Shipper N3 - Shipper Address  
 [21] N3 SEGMENT - Shipment Loop - Ship From N3 - Ship From Address  
 [25] N3 SEGMENT - Shipment Loop - Consignee N3 - Consignee Address  
 [29] N3 SEGMENT - Shipment Loop - Ship To N3 - Ship To Address

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information [17-01] Shipment Loop - Shipper N1 Loop - Shipper N3 - Shipper Address ELEMENT CONDITION: For US and Canada, the N3 Shipper Address is Mandatory. [21-01] Shipment Loop - Ship From N1 Loop - Ship From N3 - Ship From Address ELEMENT CONDITION: For US and Canada, the N3 Ship From Address is Mandatory. [25-01] Shipment Loop - Consignee N1 Loop - Consignee N3 - Consignee Address ELEMENT CONDITION: For US and Canada, the N3 Consignee Address is Mandatory. [29-01] Shipment Loop - Ship To N1 Loop - Ship To N3 - Ship To Address ELEMENT CONDITION: For US and Canada, the N3 Ship To Address is Mandatory.	M AN 1/55
X	N302	166	Address Information Address information	O AN 1/55

**Segment:** **N4 Geographic Location**  
**Position:** 250  
**Loop:** N1 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**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:** [18] N4 SEGMENT - Shipment Loop - Shipper N4 - Shipper Location  
[22] N4 SEGMENT - Shipment Loop - Ship From N4 - Ship From Location  
[26] N4 SEGMENT - Shipment Loop - Consignee N4 - Consignee Location  
[30] N4 SEGMENT - Shipment Loop - Ship To N4 - Ship To Location

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>>	<b>N401</b>	<b>19 City Name</b>	<b>O AN 2/30</b>
		Free-form text for city name	
		[18-01] Shipment Loop - Shipper N1 Loop - Shipper N4 - Shipper City	
		[22-01] Shipment Loop - Ship From N1 Loop - Ship From N4 - Ship From City	
		[26-01] Shipment Loop - Consignee N1 Loop - Consignee N4 - Consignee City	
		[30-01] Shipment Loop - Ship To N1 Loop - Ship To N4 - Ship To City	
	<b>N402</b>	<b>156 State or Province Code</b>	<b>O ID 2/2</b>
		Code (Standard State/Province) as defined by appropriate government agency	
		[18-02] Shipment Loop - Shipper N1 Loop - Shipper N4 - Shipper State or Province Code	
		ELEMENT CONDITION: Shipper State or Province Code is Mandatory for US and Canada.	
		SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	
		[22-02] Shipment Loop - Ship From N1 Loop - Ship From N4 - Ship From State or Province Code	
		ELEMENT CONDITION: Ship From State or Province Code is Mandatory for US and Canada.	
		SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	
		[26-02] Shipment Loop - Consignee N1 Loop - Consignee N4 - Consignee State or Province Code	
		ELEMENT CONDITION: Consignee State or Province Code is Mandatory for US and Canada.	
		SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	
		[30-02] Shipment Loop - Ship To N1 Loop - Ship To N4 - Ship To State or Province Code	
		ELEMENT CONDITION: Ship To State or Province Code is Mandatory for US and Canada.	
		SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	

<b>N403</b>	<b>116</b>	<p><b>Postal Code</b> <span style="float: right;"><b>O ID 3/15</b></span></p> <p>Code defining international postal zone code excluding punctuation and blanks (zip code for United States)</p> <p>[18-03] Shipment Loop - Shipper N1 Loop - Shipper N4 - Shipper Postal Code ELEMENT CONDITION: Shipper Postal Code is Mandatory for US and Canada. 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</p> <p>[22-03] Shipment Loop - Ship From N1 Loop - Ship From N4 - Ship From Postal Code ELEMENT CONDITION: Ship From Postal Code is Mandatory for US and Canada. 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</p> <p>[26-03] Shipment Loop - Consignee N1 Loop - Consignee N4 - Consignee Postal Code ELEMENT CONDITION: Consignee Postal Code is Mandatory for US and Canada. 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</p> <p>[30-03] Shipment Loop - Ship To N1 Loop - Ship To N4 - Ship To Postal Code ELEMENT CONDITION: Ship To Postal Code is Mandatory for US and Canada. 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</p>
<b>N404</b>	<b>26</b>	<p><b>Country Code</b> <span style="float: right;"><b>O ID 2/3</b></span></p> <p>Code identifying the country</p> <p>[18-04] Shipment Loop - Shipper N1 Loop - Shipper N4 - Shipper Country Code ELEMENT CONDITION: Shipper Country Code is Mandatory for non-US and non-Canada. 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 <a href="http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm">http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm</a>. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.</p> <p>[22-04] Shipment Loop - Ship From N1 Loop - Ship From N4 - Ship From Country Code ELEMENT CONDITION: Ship From Country Code is Mandatory for non-US and non-Canada. 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 <a href="http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm">http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm</a>. Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.</p> <p>[26-04] Shipment Loop - Consignee N1 Loop - Consignee N4 - Consignee Country Code ELEMENT CONDITION: Consignee Country Code is Mandatory for non-US and non-Canada. 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 <a href="http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm">http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm</a>. Codes for</p>

Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.

[30-04] Shipment Loop - Ship To N1 Loop - Ship To N4 - Ship To Country Code

ELEMENT CONDITION: Ship To Country Code is Mandatory for non-US and non-Canada.

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](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.

**N405 309 Location Qualifier X ID 1/2**

Code identifying type of location

[22-05] Shipment Loop - Ship From N1 Loop - Ship From N4 - Ship From Location Qualifier

SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[30-05] Shipment Loop - Ship To N1 Loop - Ship To N4 - Ship To Location Qualifier

SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

SL U.S. SPLC

[22-05] U.S. SPLC

[30-05] U.S. SPLC

**N406 310 Location Identifier O AN 1/30**

Code which identifies a specific location

[22-06] Shipment Loop - Ship To N1 Loop - Ship To N4 - Ship To Location Identifier

Rail SPLC's are 6 characters and Motor SPLC's are 9 characters

[30-06] Shipment Loop - Ship To N1 Loop - Ship To N4 - Ship To Location Identifier  
Rail SPLC's are 6 characters and Motor SPLC's are 9 characters

**Segment:** **PER Administrative Communications Contact**  
**Position:** 270  
**Loop:** N1 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**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:**

[19] PER SEGMENT - Shipment Loop - Shipper PER - Shipper Contact  
Due to Personally Identifiable Information (PII) restrictions, this contact represents the Shipping Office, Call Center, or Help Desk Contact.  
[23] PER SEGMENT - Shipment Loop - Ship From PER - Ship From Contact  
Due to Personally Identifiable Information (PII) restrictions, this contact represents the Shipping Office, Call Center, or Help Desk Contact.  
[27] PER SEGMENT - Shipment Loop - Consignee PER - Consignee Contact  
Due to Personally Identifiable Information (PII) restrictions, this contact represents the Shipping Office, Call Center, or Help Desk Contact.  
[31] PER SEGMENT - Shipment Loop - Ship To PER - Ship To Contact  
Due to Personally Identifiable Information (PII) restrictions, this contact represents the Shipping Office, Call Center, or Help Desk Contact.

**Data Element Summary**

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	PER01	366 Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		[19-01] Shipment Loop - Shipper N1 Loop - Shipper Contact Code Use values 'CN' - General Contact; or 'IC' - Information Contact. ELEMENT CONDITION: If Available.	
		[23-01] Shipment Loop - Ship From N1 Loop - Ship From Contact Code Use values 'CN' - General Contact; or 'IC' - Information Contact. ELEMENT CONDITION: If Available.	
		[27-01] Shipment Loop - Consignee N1 Loop - Consignee Contact Code Use values 'CN' - General Contact; or 'IC' - Information Contact. ELEMENT CONDITION: If Available.	
		[31-01] Shipment Loop - Ship To N1 Loop - Ship To Contact Code Use values 'CN' - General Contact; or 'IC' - Information Contact. ELEMENT CONDITION: If Available.	
		CN	General Contact
			[19-01] General Contact
			[23-01] General Contact
			[27-01] General Contact
			[31-01] General Contact
		IC	Information Contact
			[19-01] Information Contact
			[23-01] Information Contact
			[27-01] Information Contact
			[31-01] Information Contact

**PER02**      **93**      **Name**      **O**    **AN 1/60**  
 Free-form name  
 [19-02] Shipment Loop - Shipper N1 Loop - Shipper Contact  
 If used, enter the Shipper Organization or Call Center / Help Desk title.  
 [23-02] Shipment Loop - Ship From N1 Loop - Ship From Contact  
 If used, enter the Ship From Organization or Call Center / Help Desk title.  
 [27-02] Shipment Loop - Consignee N1 Loop - Consignee Contact  
 If used, enter the Consignee Organization or Call Center / Help Desk title.  
 [31-02] Shipment Loop - Ship To N1 Loop - Ship To Contact  
 If used, enter the Ship To Organization or Call Center / Help Desk title.

**PER03**      **365**      **Communication Number Qualifier**      **X**    **ID 2/2**

Code identifying the type of communication number  
 [19-03] Shipment Loop - Shipper N1 Loop - Shipper Contact Type Code  
 Select on, if available, 'TE' - Telephone; 'CP' - Cellular Phone; 'NP' - Night Telephone; 'WC' - Work Cellular; or 'WP' - Work Phone Number. If PER03 is used, there must be a PER04.  
 ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04.  
 [23-03] Shipment Loop - Ship From N1 Loop - Ship From Contact Type Code  
 Select one, if available, 'TE' - Telephone; 'CP' - Cellular Phone; 'NP' - Night Telephone; 'WC' - Work Cellular; or 'WP' - Work Phone Number. If PER03 is used, there must be a PER04.  
 ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04.  
 [27-03] Shipment Loop - Consignee N1 Loop - Consignee Contact Type Code  
 Select one, if available, 'TE' - Telephone; 'CP' - Cellular Phone; 'NP' - Night Telephone; 'WC' - Work Cellular; or 'WP' - Work Phone Number. If PER03 is used, there must be a PER04.  
 ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04.  
 [31-03] Shipment Loop - Ship To N1 Loop - Ship To Contact Type Code  
 Select one, if available, 'TE' - Telephone; 'CP' - Cellular Phone; 'NP' - Night Telephone; 'WC' - Work Cellular; or 'WP' - Work Phone Number. If PER03 is used, there must be a PER04.  
 ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04.

- |    |   |
|----|---|
| CP | Cellular Phone<br>[19-03] Cellular Phone<br>[23-03] Cellular Phone<br>[27-03] Cellular Phone<br>[31-03] Cellular Phone      |
| NP | Night Telephone<br>[19-03] Night Telephone<br>[23-03] Night Telephone<br>[27-03] Night Telephone<br>[31-03] Night Telephone |
| TE | Telephone<br>[19-03] Telephone<br>[23-03] Telephone<br>[27-03] Telephone<br>[31-03] Telephone                               |
| WC | Work Cellular<br>[19-03] Work Cellular<br>[23-03] Work Cellular<br>[27-03] Work Cellular<br>[31-03] Work Cellular           |

WP Work Phone Number  
 [19-03] Work Phone Number  
 [23-03] Work Phone Number  
 [27-03] Work Phone Number  
 [31-03] Work Phone Number

	<b>PER04</b>	<b>364</b>	<b>Communication Number</b>	<b>X AN 1/80</b>
			Complete communications number including country or area code when applicable [19-04] Shipment Loop - Shipper N1 Loop - Shipper Number Telephone number of Shipper POC. If PER03 is used, there must be a PER04. ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04. [23-04] Shipment Loop - Ship From N1 Loop - Ship From Number Telephone number of Ship From POC. If PER03 is used, there must be a PER04. ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04. [27-04] Shipment Loop - Consignee N1 Loop - Consignee Number Telephone number of Consignee POC. If PER03 is used, there must be a PER04. ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04. [31-04] Shipment Loop - Ship To N1 Loop - Ship To Number Telephone number of Ship To POC. If PER03 is used, there must be a PER04. ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04.	
<b>X</b>	<b>PER05</b>	<b>365</b>	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type of communication number Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>X</b>	<b>PER06</b>	<b>364</b>	<b>Communication Number</b>	<b>X AN 1/80</b>
			Complete communications number including country or area code when applicable	
<b>X</b>	<b>PER07</b>	<b>365</b>	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type of communication number Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>X</b>	<b>PER08</b>	<b>364</b>	<b>Communication Number</b>	<b>X AN 1/80</b>
			Complete communications number including country or area code when applicable	
<b>X</b>	<b>PER09</b>	<b>443</b>	<b>Contact Inquiry Reference</b>	<b>O AN 1/20</b>
			Additional reference number or description to clarify a contact number	

**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:** [43] SE SEGMENT - Advance Shipment Notice (ASN) Trailer

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SE01	96	<b>Number of Included Segments</b>	<b>M N0 1/10</b>
			Total number of segments included in a transaction set including ST and SE segments	
			[43-01] Number of Included Segments	
			Total segments in this transaction set including the ST and SE segments.	
M	SE02	329	<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			[43-02] Transaction Set Control Number	
			This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.	

## 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 ASC X12 data such as qualifier codes, and publish that information in an implementation convention (IC). This section contains an IC element matrix that lists that information.

### PURPOSE

Using the IC element matrix will expedite mapping of an application database into a commercial EDI translation package. 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 partners need to understand matrix record types, two categories of matrix information, the matrix layout, and the sort order of the matrix.

#### *Record Types*

The matrix contains two types of records: segment header records and element records.

- Segment header records begin the description of a segment. Each segment header record starts the description of a discrete occurrence of an X12 segment. The element records (see below) that follow a segment header record cannot be co-mingled with elements from other segments, including those segments with matching IDs.
- Element records identify an individual data element that occurs within a segment. Each element satisfies either an application requirement or X12 standard syntax. If one element in a segment is passed, all elements in the segment need to be passed in accordance with the IC requirement designator.

#### *Two Categories of Record Information*

The matrix contains two categories of information: IC application information and ASC X12 information.

- IC application information describes attributes outside the structure and syntax of the ASC X12 standard.
- ASC X12 information is attached to each IC element. That information is extracted directly from the ASC 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 “Carrier Shipment ID”. This is more concise than using the generic X12 label of “Shipment Identification Number.” 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 Receipt/Shipment Consolidation/Due-In Notice. DoD derived the IC elements from the following sources:

- Analysis of existing carrier 856 Implementation Guides
- Comments submitted by transportation activities involved in the DoD electronic data interchange effort.

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		<b>ST SEGMENT - Advance Ship Notice (ASN)</b>	M	1	010	M	1								
1-01		Transaction Set Identifier Code Ship Notice/Manifest 856 - Ship Notice/Manifest	M ID 3/3	1	010	M	1				ST01	143	M	ID	3/3
				The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).											
1-02		Transaction Set Control Number 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		<b>BSN SEGMENT - Transaction Set Purpose</b>	M	1	020	M	1								
				If BSN07 is present, then BSN06 is required.											
2-01		Advance Ship Notice (ASN) Purpose Code 00 - Original 01 - Cancellation 04 - Change	M ID 2/2	1	020	M	1				BSN01	353	M	ID	2/2
2-02		Advance Ship Notice (ASN) Enter the 17-character Advance Ship Notice (ASN) Transportation Control Number (TCN). If more than one commodity is included in this shipment, use the first ASN TCN as a Lead TCN.	M AN 17/17	1	020	M	1				BSN02	396	M	AN	2/30
2-03		Date of Advance Ship Notice (ASN) Creation Enter the date this Advance Ship Notice (ASN) was created. Use format CCYYMMDD.	M DT 8/8	1	020	M	1				BSN03	373	M	DT	8/8
				BSN03 is the date the shipment transaction set is created.											
2-04		Time of Advance Ship Notice (ASN) Creation Enter the time this Advance Ship Notice was created. Use format HHMM.	M TM 4/4	1	020	M	1				BSN04	337	M	TM	4/8
				BSN04 is the time the shipment transaction set is created.											
3		<b>HL SEGMENT - SHIPMENT Loop</b> LOOP CONDITION: The hierarchical structure shall be: Shipment (HL03 Code S), Order (HL03 code O), Pack (HL03 = P), and Item (HL03 Code I).	C	2	010	M	1	200000	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.											
3-01		Shipment Loop - Hierarchical ID Number Use the value one (1) for the first HL loop and increment the value by one for each successive HL loop. This value may be referenced in succeeding HL loops to identify a parent.	M AN 1/1	2	010	M	1	200000	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.											

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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		
3-03		Shipment Loop - Hierarchical Level Code Use code value 'S' to denote Shipment Loop.  S - Shipment	M	ID	1/1	2	010	M	1	200000	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.											
5		<b>TD1 SEGMENT - Shipment Loop - Carrier Details (Quantity and Weight)</b>	M			2	110	O	20	200000	1	HL				
					If TD101 is present, then TD102 is required. If TD103 is present, then TD104 is required. If TD106 is present, then TD107 is required. If either TD107 or TD108 is present, then the other is required. If either TD109 or TD110 is present, then the other is required.											
5-01		Shipment Loop - Packaging Code Navy Exchange Service Command (NEXCOM) requested Packaging Code.  ELEMENT CONDITION: If Available  CTN - Carton	C	AN	3/3	2	110	O	20	200000	1	HL	TD101	103	O AN 3/5	
5-02		Shipment Loop - Lading Quantity The total number of items in the shipment.	M	N0	1/7	2	110	O	20	200000	1	HL	TD102	80	C N0 1/7	
5-06		Shipment Loop - Weight Qualifier G - Gross Weight	O	ID	1/2	2	110	O	20	200000	1	HL	TD106	187	O ID 1/2	
5-07		Shipment Loop - Weight	O	R	1/10	2	110	O	20	200000	1	HL	TD107	81	C R 1/10	
5-08		Shipment Loop - Unit or Basis for Measurement Code 26 - Actual Tons  KG - Kilogram  LB - Pound  MP - Metric Ton  NS - Short Ton	O	ID	2/2	2	110	O	20	200000	1	HL	TD108	355	C ID 2/2	
5-09		Shipment Loop - Volume	O	R	1/8	2	110	O	20	200000	1	HL	TD109	183	C R 1/8	
5-10		Shipment Loop - Unit or Basis for Measurement Code GA - Gallon  LT - Liter	O	ID	2/2	2	110	O	20	200000	1	HL	TD110	355	C ID 2/2	

DoD INFORMATION					X12 SEGMENT INFORMATION						X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes
6		<b>TD5 SEGMENT - Shipment Loop - Carrier Details</b>	M		2	120	O	12	200000	1	HL			
					<p>At least one of TD502, TD504, TD505, TD506, or TD512 is required.                      If TD502 is present, then TD503 is required.                      If TD507 is present, then TD508 is required.                      If TD510 is present, then TD511 is required.                      If TD513 is present, then TD512 is required.                      If TD514 is present, then TD513 is required.                      If TD515 is present, then TD512 is required.</p>									
6-02		Shipment Loop - Standard Carrier Alpha Code (SCAC) Qualifier Use value "2" = Standard Carrier Alpha Code (SCAC).  2 - Standard Carrier Alpha Code (SCAC)	M	ID 1/1	2	120	O	12	200000	1	HL	TD502	66	C ID 1/2
					<p>When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.</p>									
6-03		Shipment Loop - Standard Carrier Alpha Code (SCAC) Enter the Carrier's Standard Carrier Alpha Code (SCAC).	M	AN 2/4	2	120	O	12	200000	1	HL	TD503	67	C AN 2/80
6-04		Shipment Loop - Transportation Method / Type Code Use values 'J' - Motor, 'M' - Motor (Common Carrier), or 'C' - Consolidation  ELEMENT CONDITION: If Available  C - Consolidation  J - Motor  M - Motor (Common Carrier)	C	ID 1/2	2	120	O	12	200000	1	HL	TD504	91	C ID 1/2
6-05		Shipment Loop - Routing Description of the routing or requested routing for shipment.  ELEMENT CONDITION: If Available	C	AN 1/35	2	120	O	12	200000	1	HL	TD505	387	C AN 1/35
7		<b>TD3 SEGMENT - Shipment Loop - Carrier Details (Equipment)</b>	M		2	130	O	12	200000	1	HL			
					<p>Only one of TD301 or TD310 may be present.                      If TD302 is present, then TD303 is required.                      If TD304 is present, then TD305 is required.                      If either TD305 or TD306 is present, then the other is required.</p>									
7-01		Shipment Loop - Equipment Description Code Enter 'TL' for Trailer  ELEMENT CONDITION: Include Trailer Information, if available.  TL - Trailer (not otherwise specified)	C	ID 2/2	2	130	O	12	200000	1	HL	TD301	40	C ID 2/2

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Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
7-02		Shipment Loop - Trailer Owner Enter the Standard Carrier Alpha Code (SCAC) of the Equipment (Trailer) Owner  ELEMENT CONDITION: Please provide the SCAC of the Trailer Owner, if different from the Carrier SCAC.  SOURCE: Directory of Standard Carrier Alpha Codes (SCAC), NMF 101 Series available from National Motor Freight Traffic Association, Inc; Railroad Mark Register available from Director, Industry Reference Files Railinc/Association of American Railroads	C	AN	2/4	2	130	O	12	200000	1	HL	TD302	206	O AN 1/4
7-03		Shipment Loop - Trailer Number Enter the Equipment (Trailer) Number  ELEMENT CONDITION: Please report the Equipment (Trailer) Number if available.	C	AN	1/10	2	130	O	12	200000	1	HL	TD303	207	C AN 1/10
7-09		Shipment Loop - Seal Number Enter the Seal Number  ELEMENT CONDITION: Include Seal Number, if available.	C	AN	2/15	2	130	O	12	200000	1	HL	TD309	225	O AN 2/15
8		<b>REF SEGMENT - Shipment Loop - Bill of Lading Number</b>	M			2	150	O	>1	200000	1	HL			At least one of REF02 or REF03 is required.
8-01		Shipment Loop - Bill of Lading Number Qualifier Use value 'BL' = Government Bill Of Lading; or value 'BM' = Bill Of Lading Number.  BL - Government Bill of Lading BM - Bill of Lading Number	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3
8-02		Shipment Loop - Bill of Lading Number Enter the Bill of Lading or Government Bill of Lading Number for this shipment.	M	AN	1/30	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30
8-03		Shipment Loop - Bill of Lading Number Description If REF01 = "BL", enter 'Government Bill of Lading Number'. If REF01 = "BM", enter 'Bill of Lading Number'.	O	AN	1/30	2	150	O	>1	200000	1	HL	REF03	352	C AN 1/80
9		<b>REF SEGMENT - Shipment Loop - Carrier PRO Number</b>	C			2	150	O	>1	200000	1	HL			At least one of REF02 or REF03 is required.
9-01		Shipment Loop - Carrier PRO Number Qualifier Use value 'CN' = Carrier PRO Number.  CN - Carrier's Reference Number (PRO/Invoice)	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3

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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		
9-02		Shipment Loop - Carrier PRO Number Enter the Carrier PRO Number for this shipment.	M	AN	1/30	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
9-03		Shipment Loop - Carrier PRO Number Description Enter 'Carrier PRO Number'	O	AN	1/30	2	150	O	>1	200000	1	HL	REF03	352	C AN	1/80
10		<b>REF SEGMENT - Shipment Loop - License Plate Number</b>	C			2	150	O	>1	200000	1	HL				
At least one of REF02 or REF03 is required.																
10-01		Shipment Loop - License Plate Number Qualifier Use value 'LV' = License Plate Number.  ELEMENT CONDITION: If Available  LV - License Plate Number	C	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3
10-02		Shipment Loop - License Plate Number Enter the Trailer License Plate Number.  ELEMENT CONDITION: If Available	C	AN	1/30	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
10-03		Shipment Loop - License Plate Number Description Enter 'License Plate Number'	O	AN	1/80	2	150	O	>1	200000	1	HL	REF03	352	C AN	1/80
11		<b>REF SEGMENT - Shipment Loop - License Plate State</b>	C			2	150	O	>1	200000	1	HL				
At least one of REF02 or REF03 is required.																
11-01		Shipment Loop - License Plate State Qualifier Use value '0B' = License Plate State.  ELEMENT CONDITION: If Available  0B - State License Number	C	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3
11-02		Shipment Loop - License Plate State Enter the License Plate State. License Plate State can be reported as a standard two-character abbreviation (OH); or it may be spelled out (Ohio).  ELEMENT CONDITION: If Available	C	AN	2/30	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
11-03		Shipment Loop - License Plate State Description Enter 'License Plate State'	O	AN	1/30	2	150	O	>1	200000	1	HL	REF03	352	C AN	1/80
12		<b>REF SEGMENT - Shipment Loop - Transponder Number</b>	M			2	150	O	>1	200000	1	HL				
At least one of REF02 or REF03 is required.																

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DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION					
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes			
12-01		Shipment Loop - Transponder Number Qualifier Use value 'TPN' - Transponder Number.  ELEMENT CONDITION: If Used  TPN - Transponder Number	C	ID	2/3	2	150	O	>1	200000	1	HL	REF01	128	M	ID	2/3
12-02		Shipment Loop - Transponder Number Enter Transponder Number  ELEMENT CONDITION: If Used	C	AN	1/24	2	150	O	>1	200000	1	HL	REF02	127	C	AN	1/30
12-03		Shipment Loop - Transponder Description Enter 'Transponder Number'.	O	AN	1/30	2	150	O	>1	200000	1	HL	REF03	352	C	AN	1/80
13		<b>DTM SEGMENT - Shipment Loop - Shipped Date/Time</b>	M			2	200	O	10	200000	1	HL					
13-01		Shipment Loop - Shipped Date/Time Qualifier Use value '011' = Shipped Date Qualifier.  011 - Shipped	M	ID	3/3	2	200	O	10	200000	1	HL	DTM01	374	M	ID	3/3
13-02		Shipment Loop - Shipped Date Enter Shipped Date. Use format CCYYMMDD.	M	DT	8/8	2	200	O	10	200000	1	HL	DTM02	373	C	DT	8/8
13-03		Shipment Loop - Shipped Time Enter the time Shipped. Use format HHMM.	M	TM	4/4	2	200	O	10	200000	1	HL	DTM03	337	C	TM	4/8
13-04		Shipment Loop - Shipped Time Code Qualifier ELEMENT CONDITION: Required if DTM03 is used.  SOURCE: ISO 8601 available from American National Standards Institute  GM - Greenwich Mean Time	C	ID	2/2	2	200	O	10	200000	1	HL	DTM04	623	O	ID	2/2
14		<b>DTM SEGMENT - Shipment Loop - Estimated Delivery Date/Time</b>	M			2	200	O	10	200000	1	HL					

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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		Shipment Loop - Estimated Delivery Date/Time Qualifier Use value "017" = Estimated Delivery Date/Time Qualifier  017 - Estimated Delivery	M	ID	3/3	2	200	O	10	200000	1	HL	DTM01	374	M ID 3/3
14-02		Shipment Loop - Estimated Delivery Date Enter Estimated Delivery Date. Use format CCYYMMDD.	M	DT	8/8	2	200	O	10	200000	1	HL	DTM02	373	C DT 8/8
14-03		Shipment Loop - Estimated Delivery Time Enter the Estimated Delivery Time. Use format HHMM.  ELEMENT CONDITION: If Available	C	TM	4/4	2	200	O	10	200000	1	HL	DTM03	337	C TM 4/8
14-04		Shipment Loop - Estimated Delivery Time Code Qualifier Enter the Estimated Delivery Time Code Qualifier.  ELEMENT CONDITION: Required if DTM03 is used.  SOURCE: ISO 8601 available from American National Standards Institute  GM - Greenwich Mean Time	C	ID	2/2	2	200	O	10	200000	1	HL	DTM04	623	O ID 2/2
15		<b>DTM SEGMENT - Shipment Loop - Required Delivery Date/Time</b>	M			2	200	O	10	200000	1	HL			
															At least one of DTM02, DTM03, or DTM05 is required. If DTM04 is present, then DTM03 is required. If either DTM05 or DTM06 is present, then the other is required.
15-01		Shipment Loop - Required Delivery Date/Time Qualifier Use value '996' = Required Delivery Date/Time Qualifier.  996 - Required Delivery	M	ID	3/3	2	200	O	10	200000	1	HL	DTM01	374	M ID 3/3
15-02		Shipment Loop - Required Delivery Date Enter Required Delivery Date. Use format CCYYMMDD.	M	DT	8/8	2	200	O	10	200000	1	HL	DTM02	373	C DT 8/8
15-03		Shipment Loop - Required Delivery Time Enter the Required Delivery Time. Use format HHMM.  ELEMENT CONDITION: If Available	C	TM	4/4	2	200	O	10	200000	1	HL	DTM03	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	
15-04		Shipment Loop - Required Delivery Time Code Qualifier Enter the Required Delivery Time Code Qualifier.  ELEMENT CONDITION: Required if DTM03 is used.  SOURCE: ISO 8601 available from American National Standards Institute  GM - Greenwich Mean Time	C ID 2/2	2	200	O	10	200000	1	HL	DTM04	623	O ID	2/2
16		<b>N1 SEGMENT - Shipment Loop - Shipper N1 - Shipper Name</b>	M	2	220	O	1	200	2	N1				
16-01		Shipment Loop - Shipper N1 Loop - Shipper N1 - Shipper Identifier Code Use value 'SH' = Shipper Identifier Code.  SH - Shipper	M ID 2/2	2	220	O	1	200	2	N1	N101	98	M ID	2/3
16-02		Shipment Loop - Shipper N1 Loop - Shipper N1 - Shipper Name  ELEMENT CONDITION: Either the N102 Shipper Organizational Name, or the N103/N104 Shipper Identification Code Qualifier/Shipper Identification Code, or all three.	C AN 1/60	2	220	O	1	200	2	N1	N102	93	C AN	1/60
16-03		Shipment Loop - Shipper N1 Loop - Shipper N1 - Shipper Identification Code Qualifier  ZZ will be defined as Federal Emergency Management Agency (FEMA) Logistics Supply Chain Management System (LSCMS) Facility Identifier. Navy Exchange Service Command (NEXCOM) requires the N103 and N104.  ELEMENT CONDITION: Either the N102 Shipper Organizational Name, or the N103/N104 Shipper Identification Code Qualifier/Shipper Identification Code, or all three.  1 - D-U-N-S Number, Dun & Bradstreet  10 - Department of Defense Activity Address Code (DODAAC)  33 - Commercial and Government Entity (CAGE)  9 - D-U-N-S+4, D-U-N-S Number with Four Character Suffix  A2 - Military Assistance Program Address Code (MAPAC)  M4 - Department of Defense Routing Identifier Code (RIC)  ZZ - Mutually Defined	C ID 1/2	2	220	O	1	200	2	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	
16-04		Shipment Loop - Shipper N1 Loop - Shipper N1 - Shipper Identification Code  Enter the Shipper Identification Code. If the N103 Shipper Identification Code Qualifier is present, there must also be an N104 Shipper Identification Code. When N103 = 1, (D-U-N-S); When N103 = 9, (D-U-N-S+4); When N103 = 10, (DODAAC); When N103 = 33, (CAGE); When N103 = A2, (MAPAC); When N103 = M4, (RIC); and When N103 = ZZ, FEMA LSCMS Facility ID. Navy Exchange Service Command (NEXCOM) requires the N103 and N104.  ELEMENT CONDITION: Either the N102 Shipper Organizational Name, or the N103/N104 Shipper Identification Code Qualifier/Shipper Identification Code, or all three.	C AN 2/80	2	220	O	1	200	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.										
17		<b>N3 SEGMENT - Shipment Loop - Shipper N3 - Shipper Address</b>	M	2	240	O	2	200	2	N1				
17-01		Shipment Loop - Shipper N1 Loop - Shipper N3 - Shipper Address  ELEMENT CONDITION: For US and Canada, the N3 Shipper Address is Mandatory.	C AN 1/55	2	240	O	2	200	2	N1	N301	166	M AN	1/55
18		<b>N4 SEGMENT - Shipment Loop - Shipper N4 - Shipper Location</b>	M	2	250	O	1	200	2	N1				
				If N406 is present, then N405 is required.										
18-01		Shipment Loop - Shipper N1 Loop - Shipper N4 - Shipper City	M AN 2/30	2	250	O	1	200	2	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.										
18-02		Shipment Loop - Shipper N1 Loop - Shipper N4 - Shipper State or Province Code  ELEMENT CONDITION: Shipper State or Province Code is Mandatory for US and Canada.  SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	C ID 2/2	2	250	O	1	200	2	N1	N402	156	O ID	2/2
				N402 is required only if city name (N401) is in the U.S. or Canada.										
18-03		Shipment Loop - Shipper N1 Loop - Shipper N4 - Shipper Postal Code  ELEMENT CONDITION: Shipper Postal Code is Mandatory for US and Canada.  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	2	250	O	1	200	2	N1	N403	116	O ID	3/15
18-04		Shipment Loop - Shipper N1 Loop - Shipper N4 - Shipper Country Code  ELEMENT CONDITION: Shipper Country Code is Mandatory for non-US and non-Canada.  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 <a href="http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm">http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm</a> . Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.	C ID 2/3	2	250	O	1	200	2	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	
19		<b>PER SEGMENT - Shipment Loop - Shipper PER - Shipper Contact</b> Due to Personally Identifiable Information (PII) restrictions, this contact represents the Shipping Office, Call Center, or Help Desk Contact.	M		2	270	O	3	200	2	N1				
19-01		Shipment Loop - Shipper N1 Loop - Shipper Contact Code Use values 'CN' - General Contact; or 'IC' - Information Contact.  ELEMENT CONDITION: If Available.  CN - General Contact  IC - Information Contact	C	ID 2/2	2	270	O	3	200	2	N1	PER01	366	M	ID 2/2
19-02		Shipment Loop - Shipper N1 Loop - Shipper Contact If used, enter the Shipper Organization or Call Center / Help Desk title.	O	AN 1/60	2	270	O	3	200	2	N1	PER02	93	O	AN 1/60
19-03		Shipment Loop - Shipper N1 Loop - Shipper Contact Type Code Select on, if available, 'TE' - Telephone; 'CP' - Cellular Phone; 'NP' - Night Telephone; 'WC' - Work Cellular; or 'WP' - Work Phone Number. If PER03 is used, there must be a PER04.  ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04.  CP - Cellular Phone  NP - Night Telephone  TE - Telephone  WC - Work Cellular  WP - Work Phone Number	C	ID 2/2	2	270	O	3	200	2	N1	PER03	365	C	ID 2/2
19-04		Shipment Loop - Shipper N1 Loop - Shipper Number Telephone number of Shipper POC. If PER03 is used, there must be a PER04.  ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04.	C	AN 1/20	2	270	O	3	200	2	N1	PER04	364	C	AN 1/80
20		<b>N1 SEGMENT - Shipment Loop - Ship From N1 - Ship From Name</b>	M		2	220	O	1	200	2	N1				
20-01		Shipment Loop - Ship From N1 Loop - Ship From N1 - Ship From Identifier Code Use value 'SF' = Ship From Identifier Code.  SF - Ship From	M	ID 2/2	2	220	O	1	200	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		
20-02		Shipment Loop - Ship From N1 Loop - Ship From N1 - Ship From Name ELEMENT CONDITION: Either the N102 Ship From Organizational Name, or the N103/N104 Ship From Identification Code Qualifier/Ship From Identification Code, or all three.	C AN 1/60	2	220	O	1	200	2	N1	N102	93	C	AN	1/60
20-03		Shipment Loop - Ship From N1 Loop - Ship From N1 - Ship From Identification Code Qualifier Enter the Ship From Identification Code Qualifier. If the N103 Ship From Identification Code Qualifier is present, there must also be an N104 Ship From Identification Code. Navy Exchange Service Command (NEXCOM) requires the N103 and N104. ELEMENT CONDITION: Either the N102 Ship From Name, or the N103/N104 Ship From Identification Code Qualifier/Ship From Identification Code, or all are required.  1 - D-U-N-S Number, Dun & Bradstreet 10 - Department of Defense Activity Address Code (DODAAC) 33 - Commercial and Government Entity (CAGE) 9 - D-U-N-S+4, D-U-N-S Number with Four Character Suffix A2 - Military Assistance Program Address Code (MAPAC) M4 - Department of Defense Routing Identifier Code (RIC)	C ID 1/2	2	220	O	1	200	2	N1	N103	66	C	ID	1/2
20-04		Shipment Loop - Ship From N1 Loop - Ship From N1 - Ship From Identification Code Enter the Ship From Identification Code. If the N103 Ship From Identification Code Qualifier is present, there must also be an N104 Ship From Identification Code. When N103 = 1, (D-U-N-S); When N103 = 9, (D-U-N-S+4); When N103 = 10, (DODAAC); When N103 = 33, (CAGE); When N103 = A2, (MAPAC); When N103 = M4, (RIC); and When N103 = ZZ, FEMA LSCMS Facility ID. Navy Exchange Service Command (NEXCOM) requires the N103 and N104. ELEMENT CONDITION: Either the N102 Ship From Organizational Name, or the N103/N104 Ship From Identification Code Qualifier/Ship From Identification Code, or all three.	C AN 2/80	2	220	O	1	200	2	N1	N104	67	C	AN	2/80
21		<b>N3 SEGMENT - Shipment Loop - Ship From N3 - Ship From Address</b>	M	2	240	O	2	200	2	N1					
21-01		Shipment Loop - Ship From N1 Loop - Ship From N3 - Ship From Address ELEMENT CONDITION: For US and Canada, the N3 Ship From Address is Mandatory.	C AN 1/55	2	240	O	2	200	2	N1	N301	166	M	AN	1/55
22		<b>N4 SEGMENT - Shipment Loop - Ship From N4 - Ship From Location</b>	M	2	250	O	1	200	2	N1					
22-01		Shipment Loop - Ship From N1 Loop - Ship From N4 - Ship From City  If N406 is present, then N405 is required.  A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.	M AN 2/30	2	250	O	1	200	2	N1	N401	19	O	AN	2/30

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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		
22-02		Shipment Loop - Ship From N1 Loop - Ship From N4 - Ship From State or Province Code ELEMENT CONDITION: Ship From State or Province Code is Mandatory for US and Canada.  SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	C ID 2/2	2	250	O	1	200	2	N1	N402	156	O ID	2/2	
				N402 is required only if city name (N401) is in the U.S. or Canada.											
22-03		Shipment Loop - Ship From N1 Loop - Ship From N4 - Ship From Postal Code ELEMENT CONDITION: Ship From Postal Code is Mandatory for US and Canada.  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	2	250	O	1	200	2	N1	N403	116	O ID	3/15	
22-04		Shipment Loop - Ship From N1 Loop - Ship From N4 - Ship From Country Code ELEMENT CONDITION: Ship From Country Code is Mandatory for non-US and non-Canada.  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 <a href="http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm">http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm</a> . Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.	C ID 2/3	2	250	O	1	200	2	N1	N404	26	O ID	2/3	
22-05		Shipment Loop - Ship From N1 Loop - Ship From N4 - Ship From Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)  SL - U.S. SPLC	O ID 1/2	2	250	O	1	200	2	N1	N405	309	C ID	1/2	
22-06		Shipment Loop - Ship To N1 Loop - Ship To N4 - Ship To Location Identifier Rail SPLC's are 6 characters and Motor SPLC's are 9 characters	O AN 6/9	2	250	O	1	200	2	N1	N406	310	O AN	1/30	
23		<b>PER SEGMENT - Shipment Loop - Ship From PER - Ship From Contact</b> Due to Personally Identifiable Information (PII) restrictions, this contact represents the Shipping Office, Call Center, or Help Desk Contact.	M	2	270	O	3	200	2	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.											
23-01		Shipment Loop - Ship From N1 Loop - Ship From Contact Code Use values 'CN' - General Contact; or 'IC' - Information Contact. ELEMENT CONDITION: If Available.  CN - General Contact  IC - Information Contact	C ID 2/2	2	270	O	3	200	2	N1	PER01	366	M ID	2/2	

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DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION					
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes			
23-02		Shipment Loop - Ship From N1 Loop - Ship From Contact If used, enter the Ship From Organization or Call Center / Help Desk title.	O	AN	1/60	2	270	O	3	200	2	N1	PER02	93	O	AN	1/60
23-03		Shipment Loop - Ship From N1 Loop - Ship From Contact Type Code Select one, if available, 'TE' - Telephone; 'CP' - Cellular Phone; 'NP' - Night Telephone; 'WC' - Work Cellular; or 'WP' - Work Phone Number. If PER03 is used, there must be a PER04.  ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04.  CP - Cellular Phone  NP - Night Telephone  TE - Telephone  WC - Work Cellular  WP - Work Phone Number	C	ID	2/2	2	270	O	3	200	2	N1	PER03	365	C	ID	2/2
23-04		Shipment Loop - Ship From N1 Loop - Ship From Number Telephone number of Ship From POC. If PER03 is used, there must be a PER04.  ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04.	C	AN	1/20	2	270	O	3	200	2	N1	PER04	364	C	AN	1/80
24		<b>N1 SEGMENT - Shipment Loop - Consignee N1 - Consignee Name</b>	M			2	220	O	1	200	2	N1					
																	At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.
24-01		Shipment Loop - Consignee N1 Loop - Consignee N1 - Consignee Qualifier Use value 'CN' = Consignee.  CN - Consignee	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M	ID	2/3
24-02		Shipment Loop - Consignee N1 Loop - Consignee N1 - Consignee Name ELEMENT CONDITION: Either the N102 Consignee Organizational Name, or the N103/N104 Consignee Code Qualifier/Consignee Code, or all three.	C	AN	1/60	2	220	O	1	200	2	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			
24-03		Shipment Loop - Consignee N1 Loop - Consignee N1 - Consignee Identification Code Qualifier Navy Exchange Service Command (NEXCOM) requires the N103 and N104.  ELEMENT CONDITION: Either the N102 Consignee Organizational Name, or the N103/N104 Consignee Code Qualifier/Consignee Code, or all three.  1 - D-U-N-S Number, Dun & Bradstreet  10 - Department of Defense Activity Address Code (DODAAC)  33 - Commercial and Government Entity (CAGE)  9 - D-U-N-S+4, D-U-N-S Number with Four Character Suffix  A2 - Military Assistance Program Address Code (MAPAC)  M4 - Department of Defense Routing Identifier Code (RIC)	C	ID	1/2	2	220	O	1	200	2	N1	N103	66	C	ID	1/2
24-04		Shipment Loop - Consignee N1 Loop - Consignee N1 - Consignee Identification Code  Enter the Consignee Identification Code. If the N103 Consignee Identification Code Qualifier is present, there must also be an N104 Consignee Identification Code. When N103 = 1, (D-U-N-S); When N103 = 9, (D-U-N-S+4); When N103 = 10, (DODAAC); When N103 = 33, (CAGE); When N103 = A2, (MAPAC); When N103 = M4, (RIC); and When N103 = ZZ, FEMA LSCMS Facility ID. Navy Exchange Service Command (NEXCOM) requires the N103 and N104.  ELEMENT CONDITION: Either the N102 Consignee Name, or the N103/N104 Consignee Code Qualifier/Consignee Code, or all are required.	C	AN	2/80	2	220	O	1	200	2	N1	N104	67	C	AN	2/80
25		<b>N3 SEGMENT - Shipment Loop - Consignee N3 - Consignee Address</b>		M		2	240	O	2	200	2	N1					
25-01		Shipment Loop - Consignee N1 Loop - Consignee N3 - Consignee Address  ELEMENT CONDITION: For US and Canada, the N3 Consignee Address is Mandatory.	C	AN	1/55	2	240	O	2	200	2	N1	N301	166	M	AN	1/55
26		<b>N4 SEGMENT - Shipment Loop - Consignee N4 - Consignee Location</b>		M		2	250	O	1	200	2	N1					
26-01		Shipment Loop - Consignee N1 Loop - Consignee N4 - Consignee City  If N406 is present, then N405 is required.  A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.	M	AN	2/30	2	250	O	1	200	2	N1	N401	19	O	AN	2/30
26-02		Shipment Loop - Consignee N1 Loop - Consignee N4 - Consignee State or Province Code  ELEMENT CONDITION: Consignee State or Province Code is Mandatory for US and Canada.  SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center  N402 is required only if city name (N401) is in the U.S. or Canada.	C	ID	2/2	2	250	O	1	200	2	N1	N402	156	O	ID	2/2

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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	
26-03		Shipment Loop - Consignee N1 Loop - Consignee N4 - Consignee Postal Code ELEMENT CONDITION: Consignee Postal Code is Mandatory for US and Canada.  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	2	250	O	1	200	2	N1	N403	116	O	ID 3/15
26-04		Shipment Loop - Consignee N1 Loop - Consignee N4 - Consignee Country Code ELEMENT CONDITION: Consignee Country Code is Mandatory for non-US and non-Canada.  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 <a href="http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm">http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm</a> . Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.	C ID 2/3	2	250	O	1	200	2	N1	N404	26	O	ID 2/3
27		<b>PER SEGMENT - Shipment Loop - Consignee PER - Consignee Contact</b> Due to Personally Identifiable Information (PII) restrictions, this contact represents the Shipping Office, Call Center, or Help Desk Contact.	M	2	270	O	3	200	2	N1				
27-01		Shipment Loop - Consignee N1 Loop - Consignee Contact Code Use values 'CN' - General Contact; or 'IC' - Information Contact.  ELEMENT CONDITION: If Available.  CN - General Contact  IC - Information Contact	C ID 2/2	2	270	O	3	200	2	N1	PER01	366	M	ID 2/2
27-02		Shipment Loop - Consignee N1 Loop - Consignee Contact  If used, enter the Consignee Organization or Call Center / Help Desk title.	O AN 1/60	2	270	O	3	200	2	N1	PER02	93	O	AN 1/60

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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			
27-03		Shipment Loop - Consignee N1 Loop - Consignee Contact Type Code  Select one, if available, 'TE' - Telephone; 'CP' - Cellular Phone; 'NP' - Night Telephone; 'WC' - Work Cellular; or 'WP' - Work Phone Number. If PER03 is used, there must be a PER04.  ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04.  CP - Cellular Phone  NP - Night Telephone  TE - Telephone  WC - Work Cellular  WP - Work Phone Number	C	ID	2/2	2	270	O	3	200	2	N1	PER03	365	C	ID	2/2
27-04		Shipment Loop - Consignee N1 Loop - Consignee Number Telephone number of Consignee POC. If PER03 is used, there must be a PER04.  ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04.	C	AN	1/80	2	270	O	3	200	2	N1	PER04	364	C	AN	1/80
28		<b>N1 SEGMENT - Shipment Loop - Ship To N1 - Ship To Name</b>	M			2	220	O	1	200	2	N1					
28-01		Shipment Loop - Ship To N1 Loop - Ship To N1 - Ship To Qualifier Use value 'ST' = Ship To.  ST - Ship To	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M	ID	2/3
28-02		Shipment Loop - Ship To N1 Loop - Ship To N1 - Ship To Name ELEMENT CONDITION: Either the N102 Ship To Organizational Name, or the N103/N104 Ship To Code Qualifier/Ship To Code, or all three.	C	AN	1/60	2	220	O	1	200	2	N1	N102	93	C	AN	1/60

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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	
28-03		Shipment Loop - Ship To N1 Loop - Ship To N1 - Ship To Identification Code Qualifier Navy Exchange Service Command (NEXCOM) requires the N103 and N104.  ELEMENT CONDITION: Either the N102 Ship To Organizational Name, or the N103/N104 Ship To Code Qualifier/Ship To Code, or all three.  1 - D-U-N-S Number, Dun & Bradstreet  10 - Department of Defense Activity Address Code (DODAAC)  33 - Commercial and Government Entity (CAGE)  9 - D-U-N-S+4, D-U-N-S Number with Four Character Suffix  A2 - Military Assistance Program Address Code (MAPAC)  M4 - Department of Defense Routing Identifier Code (RIC)	C	ID	1/2	2	220	O	1	200	2	N1	N103	66	C	ID 1/2
28-04		Shipment Loop - Ship To N1 Loop - Ship To N1 - Ship To Identification Code Enter the Ship To Identification Code. If the N103 Ship To Identification Code Qualifier is present, there must also be an N104 Ship To Identification Code. When N103 = 1, (D-U-N-S); When N103 = 9, (D-U-N-S+4); When N103 = 10, (DODAAC); When N103 = 33, (CAGE); When N103 = A2, (MAPAC); When N103 = M4, (RIC); and When N103 = ZZ, FEMA LSCMS Facility ID. Navy Exchange Service Command (NEXCOM) requires the N103 and N104.  ELEMENT CONDITION: Either the N102 Ship To Organizational Name, or the N103/N104 Ship To Code Qualifier/Ship To Code, or all three..	C	AN	2/80	2	220	O	1	200	2	N1	N104	67	C	AN 2/80
29		<b>N3 SEGMENT - Shipment Loop - Ship To N3 - Ship To Address</b>	M			2	240	O	2	200	2	N1				
29-01		Shipment Loop - Ship To N1 Loop - Ship To N3 - Ship To Address ELEMENT CONDITION: For US and Canada, the N3 Ship To Address is Mandatory.	C	AN	1/55	2	240	O	2	200	2	N1	N301	166	M	AN 1/55
30		<b>N4 SEGMENT - Shipment Loop - Ship To N4 - Ship To Location</b>	M			2	250	O	1	200	2	N1				
30-01		Shipment Loop - Ship To N1 Loop - Ship To N4 - Ship To City  A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.	M	AN	2/30	2	250	O	1	200	2	N1	N401	19	O	AN 2/30
30-02		Shipment Loop - Ship To N1 Loop - Ship To N4 - Ship To State or Province Code ELEMENT CONDITION: Ship To State or Province Code is Mandatory for US and Canada.  SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	C	ID	2/2	2	250	O	1	200	2	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	
30-03		Shipment Loop - Ship To N1 Loop - Ship To N4 - Ship To Postal Code ELEMENT CONDITION: Ship To Postal Code is Mandatory for US and Canada.  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	2	250	O	1	200	2	N1	N403	116	O	ID 3/15
30-04		Shipment Loop - Ship To N1 Loop - Ship To N4 - Ship To Country Code ELEMENT CONDITION: Ship To Country Code is Mandatory for non-US and non-Canada.  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 <a href="http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm">http://www.transcom.mil/dteb/files/refdata/V_CTRY_DOD.htm</a> . Codes for Representation of Currencies and Funds, ISO 4217, is available from American National Standards Institute.	C	ID	2/3	2	250	O	1	200	2	N1	N404	26	O	ID 2/3
30-05		Shipment Loop - Ship To N1 Loop - Ship To N4 - Ship To Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)  SL - U.S. SPLC	O	ID	1/2	2	250	O	1	200	2	N1	N405	309	C	ID 1/2
30-06		Shipment Loop - Ship To N1 Loop - Ship To N4 - Ship To Location Rail SPLC's are 6 characters and Motor SPLC's are 9 characters	O	AN	6/9	2	250	O	1	200	2	N1	N406	310	O	AN 1/30
31		<b>PER SEGMENT - Shipment Loop - Ship To PER - Ship To Contact</b> Due to Personally Identifiable Information (PII) restrictions, this contact represents the Shipping Office, Call Center, or Help Desk Contact.	M			2	270	O	3	200	2	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.
31-01		Shipment Loop - Ship To N1 Loop - Ship To Contact Code Use values 'CN' - General Contact; or 'IC' - Information Contact. ELEMENT CONDITION: If Available.  CN - General Contact IC - Information Contact	C	ID	2/2	2	270	O	3	200	2	N1	PER01	366	M	ID 2/2
31-02		Shipment Loop - Ship To N1 Loop - Ship To Contact If used, enter the Ship To Organization or Call Center / Help Desk title.	O	AN	1/60	2	270	O	3	200	2	N1	PER02	93	O	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			
31-03		Shipment Loop - Ship To N1 Loop - Ship To Contact Type Code  Select one, if available, 'TE' - Telephone; 'CP' - Cellular Phone; 'NP' - Night Telephone; 'WC' - Work Cellular; or 'WP' - Work Phone Number. If PER03 is used, there must be a PER04.  ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04.  CP - Cellular Phone  NP - Night Telephone  TE - Telephone  WC - Work Cellular  WP - Work Phone Number	C	ID	2/2	2	270	O	3	200	2	N1	PER03	365	C	ID	2/2
31-04		Shipment Loop - Ship To N1 Loop - Ship To Number Telephone number of Ship To POC. If PER03 is used, there must be a PER04.  ELEMENT CONDITION: If Available. If PER03 is used, there must be a PER04.	C	AN	1/80	2	270	O	3	200	2	N1	PER04	364	C	AN	1/80
32		<b>HL SEGMENT - ORDER Loop</b>	C			2	010	M	1	200000	1	HL					
32-01		Order Loop - Hierarchical ID Number	M	AN	1/2	2	010	M	1	200000	1	HL	HL01	628	M	AN	1/12
32-03		Order Loop - Hierarchical Level Code Use code value 'O' to denote the Order Loop.  O - Order	M	ID	1/1	2	010	M	1	200000	1	HL	HL03	735	M	ID	1/2
33		<b>PRF SEGMENT - Order Loop - Purchase Order Reference</b>  SEGMENT CONDITION: Reporting the Purchase Order in the ORDER Loop is required by the Navy Exchange Service Command (NEXCOM).  Report the Navy Exchange Service Command (NEXCOM) Purchase Order Number or the Federal Emergency Management Agency (FEMA) Distribution Order Number.	C			2	050	O	1	200000	1	HL					
33-01		Order Loop - Purchase Order Number	M	AN	1/22	2	050	O	1	200000	1	HL	PRF01	324	M	AN	1/22
33-04		Order Loop - Purchase Order Date	M	DT	8/8	2	050	O	1	200000	1	HL	PRF04	373	O	DT	8/8



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		
34		<b>REF SEGMENT - Order Loop - Internal Vendor Number</b>	C	2	150	O	>1	200000	1	HL					
				At least one of REF02 or REF03 is required.											
34-01		Order Loop - Internal Vendor Number Qualifier Use value 'IA' - Internal Vendor Identification Qualifier.  IA - Internal Vendor Number	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3		
34-02		Order Loop - Internal Vendor Number Enter the Internal Vendor Number.	M AN 1/30	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30		
34-03		Order Loop - Internal Vendor Number Description Enter 'Internal Vendor Number'.	O AN 1/80	2	150	O	>1	200000	1	HL	REF03	352	C AN 1/80		
35		<b>HL SEGMENT - PACK Loop</b>	M	2	010	M	1	200000	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.											
35-01		Pack Loop - Hierarchical ID Number	M AN 1/2	2	010	M	1	200000	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.											
35-03		Pack Loop - Hierarchical Level Code Use code value 'P' to denote Pack Loop.  P - Pack	M ID 1/1	2	010	M	1	200000	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.											
36		<b>MAN SEGMENT - Pack Loop - Marks and Numbers</b>	M	2	190	O	>1	200000	1	HL					
				If either MAN04 or MAN05 is present, then the other is required. If MAN06 is present, then MAN05 is required.											
36-01		Pack Loop - Serial Shipping Container Code (SSCC) Qualifier  When used for the Navy Exchange Service Command (NEXCOM).data entry, always use the value 'GM' for Serial Shipping Container Code (SSCC) or Bar Code. NEXCOM uses the SSCC-18 and Application Identifier.  GM - SSCC-18 and Application Identifier	M ID 1/2	2	190	O	>1	200000	1	HL	MAN01	88	M ID 1/2		
				MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container. When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.											
36-02		Pack Loop - Serial Shipping Container Code (SSCC) Navy Exchange Service Command (NEXCOM) uses the Serial Shipping Container Code (SSCC) Bar Code format of SSCC-18 and an Application Identifier.	M AN 18/20	2	190	O	>1	200000	1	HL	MAN02	87	M AN 1/48		
				When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.											

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
37		<b>HL SEGMENT - ITEM Loop</b>	C	2	010	M	1	200000	1	HL			
				<p>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.</p>									
37-01		Item Loop - Hierarchical ID Number	M AN 1/2	2	010	M	1	200000	1	HL	HL01	628	M AN 1/12
				<p>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.</p>									
37-03		Item Loop - Hierarchical Level Code Use code value 'I' to denote a Line Item Loop.	M ID 1/1	2	010	M	1	200000	1	HL	HL03	735	M ID 1/2
				<p>I - Item</p> <p>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.</p>									
38		<b>LIN SEGMENT - Item Loop - Item Identification</b>	M	2	020	O	1	200000	1	HL			
				<p>If either LIN04 or LIN05 is present, then the other is required. If either LIN06 or LIN07 is present, then the other is required. If either LIN08 or LIN09 is present, then the other is required. If either LIN10 or LIN11 is present, then the other is required. If either LIN12 or LIN13 is present, then the other is required. If either LIN14 or LIN15 is present, then the other is required. If either LIN16 or LIN17 is present, then the other is required. If either LIN18 or LIN19 is present, then the other is required. If either LIN20 or LIN21 is present, then the other is required. If either LIN22 or LIN23 is present, then the other is required. If either LIN24 or LIN25 is present, then the other is required. If either LIN26 or LIN27 is present, then the other is required. If either LIN28 or LIN29 is present, then the other is required. If either LIN30 or LIN31 is present, then the other is required.</p> <p>See the Data Dictionary for a complete list of IDs.</p>									
38-02		Item Loop - National Stock Number (NSN) Qualifier Use value 'FS' - National Stock Number (NSN) Qualifier. Required for the Navy Exchange Service Command (NEXCOM). FS - National Stock Number	M ID 2/2	2	020	O	1	200000	1	HL	LIN02	235	M ID 2/2
				<p>LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.</p>									
38-03		Item Loop - National Stock Number (NSN) Enter the National Stock Number (NSN). Required for the Navy Exchange Service Command (NEXCOM).	M AN 13/13	2	020	O	1	200000	1	HL	LIN03	234	M AN 1/48
38-04		Item Loop - Stock Keeping Unit (SKU) Qualifier Use value 'SK' - Stock Keeping Unit (SKU) Qualifier. ELEMENT CONDITION: Mandatory for the Federal Emergency Management Agency (FEMA). SK - Stock Keeping Unit (SKU)	C ID 2/2	2	020	O	1	200000	1	HL	LIN04	235	C ID 2/2

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Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
38-05		Item Loop - Stock Keeping Unit (SKU) Enter the Stock Keeping Unit (SKU). This is the Federal Emergency Management Agency (FEMA) Item Name as reported in the FEMA Logistics Supply Chain Management System (LSCMS).  ELEMENT CONDITION: Mandatory for the Federal Emergency Management Agency (FEMA).	C AN 1/48	2	020	O	1	200000	1	HL	LIN05	234	C AN	1/48
38-06		Item Loop - Manufacturer Qualifier Use value 'MF' - Manufacturer (Manufacturer's Name).  ELEMENT CONDITION: If Available.  MF - Manufacturer	C ID 2/2	2	020	O	1	200000	1	HL	LIN06	235	C ID	2/2
38-07		Item Loop - Manufacturer's Name Enter the Manufacturer's Name.  ELEMENT CONDITION: If Available.	C AN 1/48	2	020	O	1	200000	1	HL	LIN07	234	C AN	1/48
38-08		Item Loop - Shipping Container Code Qualifier For the Navy Exchange Service Command (NEXCOM), use Shipping Container Code values 'UP' - Universal Product Code; 'EN' - European Article Number; or 'UK' - U.P.C./EAN Shipping Container Code.  ELEMENT CONDITION: Mandatory for the Navy Exchange Service Command (NEXCOM).  EN - European Article Number (EAN) (2-5-5-1)  UK - U.P.C./EAN Shipping Container Code (1-2-5-5-1)  UP - U.P.C. Consumer Package Code (1-5-5-1)	C ID 2/2	2	020	O	1	200000	1	HL	LIN08	235	C ID	2/2
38-09		Item Loop - Shipping Container Code When LIN08 = UP, enter the Universal Product Code. When LIN08 = EN, enter the European Article Number. When LIN08 = UK, enter the U.P.C./EAN.  ELEMENT CONDITION: Mandatory for the Navy Exchange Service Command (NEXCOM).	C AN 12/14	2	020	O	1	200000	1	HL	LIN09	234	C AN	1/48
39		<b>SN1 SEGMENT - Item Loop - Item Detail</b> SEGMENT CONDITION: Use this segment only in a Line Item Loop (HL03 = 'I')	C	2	030	O	1	200000	1	HL				
39-02		Item Loop - Shipped Quantity Enter the actual quantity packaged and shipped for the line item requisition document number, the packing list, or the other shipping documents used to identify the shipment's contents.	M R 1/10	2	030	O	1	200000	1	HL	SN102	382	M R	1/10

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Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
39-03		Item Loop - Shipped Quantity Unit or Basis for Measurement Code Select the appropriate Unit of Measure.  1N - Count 26 - Actual Tons CF - Cubic Feet EA - Each GA - Gallon KG - Kilogram LB - Pound LT - Liter MP - Metric Ton NS - Short Ton PC - Piece	M ID 2/2	2	030	O	1	200000	1	HL	SN103	355	M ID 2/2	
				SN103 defines the unit of measurement for both SN102 and SN104.										
40		<b>REF SEGMENT - Item Loop - Requisition Number</b>	M	2	150	O	>1	200000	1	HL	At least one of REF02 or REF03 is required.			
40-01		Item Loop - Requisition Number Qualifier Use value 'RQ' - Purchase Requisition Number.  RQ - Purchase Requisition Number	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3	
40-02		Item Loop - Requisition Number Enter the Purchase Requisition Number.	M AN 14/14	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30	
40-03		Item Loop - Requisition Number Description Enter 'Purchase Requisition Number'.	O AN 1/80	2	150	O	>1	200000	1	HL	REF03	352	C AN 1/80	
41		<b>REF SEGMENT - Item Loop - Lot Number</b>	M	2	150	O	>1	200000	1	HL	At least one of REF02 or REF03 is required.			
41-01		Item Loop - Lot Number Qualifier Use value 'LT' - Lot Number.  ELEMENT CONDITION: Mandatory for Federal Emergency Management Agency (FEMA) meals.  LT - Lot Number	C ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3	

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Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
41-02		Item Loop - Lot Number Enter the Lot Number.  ELEMENT CONDITION: Mandatory for Federal Emergency Management Agency (FEMA) meals.	C	AN	4/10	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30
41-03		Item Loop - Lot Number Description Enter "Lot Number"	O	AN	1/10	2	150	O	>1	200000	1	HL	REF03	352	C AN 1/80
42		<b>DTM SEGMENT - Item Loop - Expiration Date</b> SEGMENT CONDITION: Use this segment only in the first Shipment loop (HL01 = '1' and HL03 = 'S') to indicate the date and time the shipment was shipped.	C			2	200	O	10	200000	1	HL			At least one of DTM02, DTM03, or DTM05 is required. If DTM04 is present, then DTM03 is required. If either DTM05 or DTM06 is present, then the other is required.
42-01		Item Loop - Expiration Date Qualifier ELEMENT CONDITION: Mandatory for the Federal Emergency Management Agency (FEMA)Water and Meal Items.  036 - Expiration	C	ID	3/3	2	200	O	10	200000	1	HL	DTM01	374	M ID 3/3
42-02		Item Loop - Expiration Date ELEMENT CONDITION: Mandatory for the Federal Emergency Management Agency (FEMA)Water and Meal Items.	C	DT	8/8	2	200	O	10	200000	1	HL	DTM02	373	C DT 8/8
43		<b>SE SEGMENT - Advance Shipment Notice (ASN) Trailer</b>	M			3	020	M	1						SE is the last segment of each transaction set.
43-01		Number of Included Segments Total segments in this transaction set including the ST and SE segments.	M	N0	1/10	3	020	M	1			SE01	96	M N0 1/10	
43-02		Transaction Set Control Number This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.	M	AN	4/9	3	020	M	1			SE02	329	M AN 4/9	

## Section 6.0

### APPLICATION CODE LISTS

No values for Section 6