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Department  
of  
Defense

DoD  
Transportation  
Electronic Business  
(DTEB) Convention

ASC X12 Transaction Set 856 Ship  
Notice/Manifest (Version 004010) –  
Receipt/Shipment-Consolidation/ Due-  
In/REPSHIP

VERSION 2

April 2012



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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 Receipt/Shipment Consolidation/Due-In Notice information. It replaces the former Defense Transportation Electronic Business (DTEB) 856A, Consolidated Shipment Notice (TAV/TAW). It can be used to exchange both Receipt Notice and Shipment-Consolidation Notice (referred to as a Shipment-C Notice throughout this IC) data. 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:

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For the most recent publication, go

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[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.

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## What's New In Version 2

This Implementation Convention contains all DTEB approved changes (Data Maintenance items) applied in all previous versions in addition to the changes identified in the following table.

DM Number	DM Description	Approval Date
1023	At index 77-04 (N104, Data Element 67, Carrier SCAC) change DoD ecommended Attributes from a min/max length of 4/6 to 2/4.	9/8/2011
903	Adds conditional REF segments for Unit Line Number (ULN) - Index 57, and Unit Identification Code (UIC) - Index 58.	8/10/2010

## Section 2.0

# CONTROL SEGMENTS

## Overview

This section describes the EDI control segments (interchange control and functional group segments). The control segment information was derived from the *ASC X12 Standards Version 4 Release 1* (004010).

## Purpose

This section identifies the specific data requirements for formatting the EDI control segments when transmitting and receiving EDI transactions. The format and data content of the control segments are usually managed by EDI translation software. The data requirements described herein should be used to set control segment formats when installing or initializing translation software for transmission and reception of EDI transactions.

## Contents

The complete 004010 version/release control segments includes an Interchange Control Segment Hierarchy on page 2.3, which identifies the control segments in their order of occurrence in an EDI communications interchange.

Beginning on page 2.5 are Department of Defense (DoD) Convention *ASC X12 Control Segments*, which present a detailed description of DoD data conventions for formatting Interchange Control and Functional Group segments for use among Defense Transportation Electronic Business (DTEB) trading partners.

## Special Instructions

Any unique eight-bit (byte) character may serve as data element separator, segment terminator, or component element separator, provided each character is disjoint from all data elements within an interchange and that these values do not conflict with telecommunications protocols necessary to the transmission of the interchange. The following recommended values conform to information published in *Electronic Data Interchange, X12 Standards, Interchange Control Structures, Section 4.3, Delimiter Specifications*.

## DATA ELEMENT SEPARATOR

While the data element separator is graphically displayed as an asterisk (\*) or a tilde (~) in *ASC X12* documentation, it is the value employed in the fourth byte of an interchange envelope that actually assigns the separator that the translators will use throughout an interchange. Any unique eight-bit (byte) character may serve as data element separator, segment terminator, or component element separator, provided each character is disjoint from all data elements within an interchange and that these do not conflict with telecommunications protocols necessary to the transmission of the interchange.

*ASC X12* recommends the ASCII character with hexadecimal value "1D" for use as the data element separator (gs). These values conform to information published in Electronic Data Interchange, X12 Standards, Interchange Control Structures, Section 4.3, Delimiter Specifications.

## SEGMENT TERMINATOR

Likewise, the control envelope establishes the byte value used for segment termination within an interchange. *ASC X12* documentation usually portrays this as a new line (n/l character, but the actual segment terminator for an interchange will be the byte value occurring immediately following the ISA16 segment. *ASC X12* recommends the ASCII character with hexadecimal value "1C" for use as the segment (fs) terminator.

## COMPONENT ELEMENT SEPARATOR

The ISA segment provides a discrete element (ISA16) for defining the component element separator within an interchange. The component element separator is a delimiter used to separate component data elements within a composite data structure. It must be different than the data element separator and the segment terminator. *ASC X12* recommends the ASCII character with hexadecimal value "1F" for use as the component element separation (us) character.

## GS01 CODE VALUE

Use the appropriate code value from data element 479 in GS01 of the control envelope for indicating the transaction set being transmitted. For example, to exchange an implementation convention for Transaction Set 856, the correct code value for GS01 is 'SH' denoting Shipment Notice/Manifest (856).

## X12 PUBLICATION

See *ASC X12 Electronic Data Interchange X12 Draft Version 4 Release 1 Standards*, Document Number: *ASC X12S/97-372*, for complete 004010 version/release control segment specifications.

## Interchange Control Envelope Control Segments

Usage	Seg ID	Name	Req	Des	Max Use
Must Use	ISA	Interchange Control Header	M		1
Must Use	GS	Functional Group Header	M		1
Must Use	• ST - SE	Grouped Transactions			
Must Use	• ST - SE	Grouped Transactions			
Must Use	• ST - SE	Grouped Transactions			
Must Use	GE	Functional Group Trailer	M		1
Must Use	GS	Functional Group Header	M		1
Must Use	• ST - SE	Grouped Transactions			
Must Use	• ST - SE	Grouped Transactions			
Must Use	• ST - SE	Grouped Transactions			
Must Use	GE	Functional Group Trailer	M		1
Must Use	IEA	Interchange Control Trailer	M		1

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<b>M</b>	<b>ISA05</b>	<b>I05</b>	<b>Interchange ID Qualifier</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified  Select appropriate code value for sender from 4010 X12 code list for data element I05. For Department of Defense Agency Address Code (DoDAAC) use code value '10'.	<b>M ID 2/2</b>
<b>M</b>	<b>ISA06</b>	<b>I06</b>	<b>Interchange Sender ID</b> Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element.  DoD activities use DoDAAC or other code coordinated with trading partners. Non-DoD activities use identification code qualified by ISA05 and coordinated with network value added network (VAN) Administrator.	<b>M AN 15/15</b>
<b>M</b>	<b>ISA07</b>	<b>I05</b>	<b>Interchange ID Qualifier</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified  Select appropriate code value for receiver from 4010 X12 code list for data element I05. For DoDAAC use code value '10'.	<b>M ID 2/2</b>
<b>M</b>	<b>ISA08</b>	<b>I07</b>	<b>Interchange Receiver ID</b> Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them.  DoD activities use DoDAAC or other code coordinated with trading partners. Non-DoD activities use identification code qualified by ISA05 and coordinated with VAN Administrator.	<b>M AN 15/15</b>

<b>M</b>	<b>ISA09</b>	<b>I08</b>	<b>Interchange Date</b> Date of the interchange  Date in YYMMDD format assigned by translation software	<b>M DT 6/6</b>						
<b>M</b>	<b>ISA10</b>	<b>I09</b>	<b>Interchange Time</b> Time of the interchange  Time in HHMM format assigned by translation software	<b>M DT 4/4</b>						
<b>M</b>	<b>ISA11</b>	<b>I10</b>	<b>Interchange Control Standards</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer  <table><thead><tr><th><u>Code</u></th><th><u>Definition</u></th></tr></thead><tbody><tr><td>U</td><td>U.S. EDI Community of ASC X12, TDCC, and UCS</td></tr></tbody></table>	<u>Code</u>	<u>Definition</u>	U	U.S. EDI Community of ASC X12, TDCC, and UCS	<b>M ID 1/1</b>		
<u>Code</u>	<u>Definition</u>									
U	U.S. EDI Community of ASC X12, TDCC, and UCS									
<b>M</b>	<b>ISA12</b>	<b>I11</b>	<b>Interchange Control Version Number</b> This version number covers the interchange Control segments.  <table><thead><tr><th><u>Code</u></th><th><u>Definition</u></th></tr></thead><tbody><tr><td>00401</td><td>Draft Standards for Trial Use Approved for Publication by ASC 12 Procedures Review Board through October 1997</td></tr></tbody></table> Version/release of control segment, as agreed upon by the trading partners	<u>Code</u>	<u>Definition</u>	00401	Draft Standards for Trial Use Approved for Publication by ASC 12 Procedures Review Board through October 1997	<b>M ID 5/5</b>		
<u>Code</u>	<u>Definition</u>									
00401	Draft Standards for Trial Use Approved for Publication by ASC 12 Procedures Review Board through October 1997									
<b>M</b>	<b>ISA13</b>	<b>I12</b>	<b>Interchange Control Number</b> A control number assigned by the interchange sender  Number assigned by translation software. The sender, receiver, and all third parties should be able to maintain an audit trail of interchanges using this number.	<b>M N0 9/9</b>						
<b>M</b>	<b>ISA14</b>	<b>I13</b>	<b>Acknowledgment Requested</b> Code sent by the sender to request an interchange acknowledgment (TA1)  <table><thead><tr><th><u>Code</u></th><th><u>Definition</u></th></tr></thead><tbody><tr><td>0</td><td>No Acknowledgment Requested</td></tr><tr><td>1</td><td>Interchange Acknowledgment Requested</td></tr></tbody></table> Send code agreed upon by trading partners.	<u>Code</u>	<u>Definition</u>	0	No Acknowledgment Requested	1	Interchange Acknowledgment Requested	<b>M ID 1/1</b>
<u>Code</u>	<u>Definition</u>									
0	No Acknowledgment Requested									
1	Interchange Acknowledgment Requested									

**M ISA15 I14**

**Usage Indicator**

**M ID 1/1**

Code to indicate whether data enclosed by this interchange envelope is test, production, or information

<u>Code</u>	<u>Definition</u>
I	Information
P	Production Data
T	Test Data

Use code value as agreed upon by trading partners.

**M ISA16 I15**

**Component Element Separator**

**AN 1/1**

Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator.

ASC X12 recommends the use of ASCII character whose hexagonal value is '1F' as the component element separation character



<b>M</b>	<b>GS04</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD. Information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)  Date assigned by translation software	<b>M DT 8/8</b>				
<b>M</b>	<b>GS05</b>	<b>337</b>	<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 D = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)  Time expressed in HHMM format assigned by translation software	<b>M TM 4/8</b>				
<b>M</b>	<b>GS06</b>	<b>28</b>	<b>Group Control Number</b> Assigned number originated and maintained by the sender  Number assigned by translation software. The sender, receiver, and all third parties should be able to maintain an audit trail of interchanges using this number.	<b>M N0 1/9</b>				
<b>M</b>	<b>GS07</b>	<b>455</b>	<b>Responsible Agency Code</b> Code used in conjunction with Data Element 480 to identify the issuer of the standard.  <table border="0"> <tr> <td style="border-bottom: 1px solid black;"><b>Code</b></td> <td style="border-bottom: 1px solid black;"><b>Definition</b></td> </tr> <tr> <td>X</td> <td>Accredited Standards Committee X12</td> </tr> </table>	<b>Code</b>	<b>Definition</b>	X	Accredited Standards Committee X12	<b>M ID 1/1</b>
<b>Code</b>	<b>Definition</b>							
X	Accredited Standards Committee X12							
<b>M</b>	<b>GS08</b>	<b>480</b>	<b>Version / Release / Industry Identified Code</b> Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by the user), if code in DE455 in GS segment is T, then other formats are allowed.  <table border="0"> <tr> <td style="border-bottom: 1px solid black;"><b>Code</b></td> <td style="border-bottom: 1px solid black;"><b>Definition</b></td> </tr> <tr> <td>004010</td> <td>Draft Standard Approved for Publication by ASC X12 Procedures Review Board through October 1997</td> </tr> </table> This is the version/release for all transactions within a functional group. See X12 4010 Dictionary for source code list. Note: optional positions 7- 12 are not used by the DTEB community.	<b>Code</b>	<b>Definition</b>	004010	Draft Standard Approved for Publication by ASC X12 Procedures Review Board through October 1997	<b>M AN 6/6</b>
<b>Code</b>	<b>Definition</b>							
004010	Draft Standard Approved for Publication by ASC X12 Procedures Review Board through October 1997							

Segment: GE Functional Group Trailer  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: To indicate the end of a functional group and to provide control information

DATA ELEMENT SUMMARY

Ref Des	Data Element	Name	Attributes
M	GE01	97	<p><b>Number of Transaction Sets Included</b> M N0 1/6</p> <p>Total number of segments included in a transaction set including ST and SE segments</p> <p>Number assigned by translation software</p>
M	GE02	28	<p><b>Group Control Number</b> M N0 1/9</p> <p>Assigned number originated and maintained by the sender</p> <p>Number assigned by the translation software. This control number matches the control number that occurs in GS06.</p>

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Segment: IEA Interchange Control Trailer  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: To define the end of an interchange of zero or more functional groups and interchange related control segments

DATA ELEMENT SUMMARY

Ref Des	Data Element	Name	Attributes
M IEA01	I16	<b>Number of Included Functional Groups</b> A count of the number of functional groups included in an interchange  Number calculated by translation software	M N0 1/6
M IEA02	I12	<b>Interchange Control Number</b> A control number assigned by the interchange sender  Number assigned by translation software. This number must match that occurring in ISA13.	M N0 9/9

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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
Not Used	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		
	070	PID	Product/Item Description	O	200		
Must Use	080	MEA	Measurements	O	40		
Not Used	090	PWK	Paperwork	O	25		
Not Used	100	PKG	Marking, Packaging, Loading	O	25		
	110	TD1	Carrier Details (Quantity and Weight)	O	20		
	120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	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
	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
Not Used	240	N3	Address Information	O	2
Not Used	250	N4	Geographic Location	O	1
Not Used	260	REF	Reference Identification	O	12
	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>
	340	LM	Code Source Information	O	1
M	350	LQ	Industry Code	M	100
<b>LOOP ID - V1</b>					<b>&gt;1</b>
	360	V1	Vessel Identification	O	1
	370	R4	Port or Terminal	O	>1
Not Used	380	DTM	Date/Time Reference	O	>1

## Summary:

	<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>
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

1. 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:**  
**Notes:** [1] ST SEGMENT - Receipt/Shipment-Consolidation Notice/Due-In Notice Header

**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	
		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  
 RECEIPT NOTICE: A Receipt Notice shall be used by: -- DLA Consolidation and Containerization Points (CCPs) to capture shipment content line item level information as a shipment enters the DoD distribution process. -- Other Transshippers if they physically break down a shipment unit to the line item document number level for re-packaging into another shipment unit. The Receipt Notice may be used by other Transshippers as required by applicable regulations. SHIPMENT-C NOTICE: The Shipment-C Notice identifies a re-packaged single shipment unit or a consolidated shipment unit as follows (see DoD 4140.1-R and DoD 4500.1-R): -- A single line item or multiple line items re-packaged into a single shipment unit documented with a Shipment Transportation Control Number (TCN). (Note: For the rare occasion that a single line item is re-packaged and manifested as a single shipment unit from a transship point, the Shipment-C Notice will be used to document the Shipment TCN assignment to the line item. -- Shipment units (single/consolidated) and zero or more line items packed/crated/containerized into a consolidated shipment unit documented with an Intermediate TCN that is further consolidated into a higher level shipment unit. -- Shipment units (single/consolidated) and zero or more line items packed/crated/containerized into the highest level of consolidation that is documented with a Conveyance TCN. A Shipment-C Notice shall be submitted by the following activities: -- Origin shippers to document the generation and use of Intermediate TCNs and Conveyance TCNs. -- Transshippers to document the generation and use of Shipment TCNs, Intermediate TCNs, and Conveyance TCNs. DUE-IN NOTICE: The due-in notice will be generated by a shipper, transshipper, or port to document the release of a shipment to the next transportation node. The due-in notice will fully document the line item information normally found in the legacy CDF MILS transaction and the Material Release Order (MRO), the pack information containing the RFID tag information for each shipment unit, and the shipment information normally conveyed by the shipment TAW/TAV and CDP/CDY/CBF transactions. The shipment information will be conveyed for all levels of consolidation (e.g., conveyance\* TCN for 463L pallet or container; intermediate TCNs contained within the conveyance, and shipment unit TCNs contained within each intermediate TCN). The receiving node will use the due-in notice to document advance warning of an inbound shipment and to ultimately facilitate incheck of that shipment and preparation of a follow-on due-in notice if the shipment is moved on to another transportation node. (\*The use of the term conveyance TCN is to distinguish this from 'children' TCNs of varying levels inside a container or 463L pallet.) REPSHIP For shipments that fall within the Report of Shipment (REPSHIP) requirements, the due-in notice will fill this reporting requirement, with the addition of several data elements as noted throughout the HL Due-in Notice loop.

#### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BSN01	353	Transaction Set Purpose Code

Code identifying purpose of transaction set

[2-01] Transaction Set Purpose Code

The Due-In Notice replaces the CDF, CDP, CBF, and CDY legacy MILS transactions and legacy shipper system flat file transactions. The Receipt Notice replaces the Receipt TAW legacy MILS transactions. The Shipment-C

Notice replaces the Shipment TAW/TAV legacy MILS transactions.	
14	Advance Notification [2-01] Advance Notification Use '14' to denote Due-In Notice.
42	Temporary Record Preliminary data that will be replaced with permanent information once verification of accuracy and completeness has been performed [2-01] Temporary Record Use '42' to denote Receipt Notice.
ZZ	Mutually Defined [2-01] Mutually Defined Use 'ZZ' to denote Shipment-C Notice.

**M**      **BSN02**      **396**      **Shipment Identification**      **M**      **AN 2/30**  
 A unique control number assigned by the original shipper to identify a specific shipment

[2-02] Transaction Identification  
 The element is not used to provide unique information for this transaction.  
 Enter '856A' to satisfy X12 syntax.

**M**      **BSN03**      **373**      **Date**      **M**      **DT 8/8**  
 Date expressed as CCYYMMDD

[2-03] Date of Transaction Creation  
 Enter date this transaction was created in Coordinated Universal Time (i.e., Universal Time Coordinate (UTC) also referred to as Greenwich Mean Time (GMT)). Use format CCYYMMDD.

**M**      **BSN04**      **337**      **Time**      **M**      **TM 4/8**  
 Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

[2-04] Time of Transaction Creation  
 Enter time this transaction was created in Coordinated Universal Time. Use format HHMM.

**X**      **BSN05**      **1005**      **Hierarchical Structure Code**      **O**      **ID 4/4**  
 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.

**BSN06**      **640**      **Transaction Type Code**      **X**      **ID 2/2**  
 Code specifying the type of transaction

[2-06] Transaction Type Code  
 Use 'TS' as an Indication to DAASC that this 856 transaction employs mapping for DTEB 856A IC (Receipt/Shipment-C/Due-In Notice).  
 ELEMENT CONDITION: Data element required only if agreed upon by DTEB and DAASC. (Note that using this data element requires a DAASC look-ahead capability to recognize code value 'TS' before commencing with translation.)

TS      Transfer Statement  
 [2-06] Transfer Statement

**BSN07**

**641**

**Status Reason Code**

**O ID 3/3**

Code indicating the status reason

[2-07] REPSHIP Indicator Code

ELEMENT CONDITION: This indicator should be used if Due-in Notice is also serving as a REPSHIP for all shipments that require a REPSHIP to be sent (e.g. Nuclear Weapon Related Material (NWRM), Arms, Ammunition, and Explosives (AA&E), etc..)

D61

Special Permission

[2-07] Special Permission

Use 'D61' to denote REPSHIP Indication.

**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 - Receipt Notice Loop  
 LOOP CONDITION: Use this HL loop only for a Receipt Notice (BSN01 = '42'); it may occur only once per transaction.

[13] HL SEGMENT - Shipment-C Notice Loop Shipment unit consolidation and/or line item consolidation transactions must include at least two HL loops. The HL looping notation is organized in a top-down nesting structure with the highest level parent consolidation listed first in the transaction, followed by succeeding lower levels of consolidation. The HL loop's child-to-parent notations track all of the consolidation levels. The final HL loops may identify single shipment units packed into a consolidated shipment unit or the final HL loops may identify one or more line items re-packaged into a single shipment unit. The first HL loop represents the highest-level of shipment consolidation which could be a SEAVAN, a 463L Pallet shipment unit, a box/crate containing other shipment units and line items, a re-packaged box/crate containing just multiple line items, and on occasion a re-packaged box/crate containing only a single line item. Succeeding HL loops establish child-to-parent relationships by encoded reference to their parent HL loop. Succeeding HL loops may be a child of a higher-level HL loop and may be the parent of a lower-level consolidation HL loop. By definition, a single shipment unit does not have any lower-level shipment units consolidated into it. If the first parent HL loop identifies a Conveyance Transportation Control Number (TCN), the succeeding HL Loop(s) must identify Intermediate TCNs and Shipment TCNs or just Shipment TCNs and may identify re-packaged, consolidated line items. If the first parent HL loop is a single shipment unit with a Shipment TCN, the succeeding loop's must identify one or more line items.

LOOP CONDITION: Use the HL loop only for a Shipment-C Notice (BSN01 = 'ZZ')

[34] HL SEGMENT - Due-In Notice Loop Due-In shipment unit consolidation and/or line item consolidation transactions must include at least two HL loops. The HL looping notation is organized in a top-down nesting structure with the highest level parent consolidation listed first in the transaction, followed by succeeding lower levels of consolidation. The HL loop's child-to-parent notations track all of the consolidation levels. The final HL loops may identify single shipment units packed into a consolidated shipment unit or the final HL loops may identify one or more line items re-packaged into a single shipment unit. The first HL loop represents the highest-level of shipment consolidation which could be a SEAVAN, a 463L Pallet shipment unit, a box/crate

containing other shipment units and line items, a re-packaged box/crate containing just multiple line items, and on occasion a re-packaged box/crate containing only a single line item. Succeeding HL loops establish child-to-parent relationships by encoded reference to their parent HL loop. Succeeding HL loops may be a child of a higher-level HL loop and may be the parent of a lower-level consolidation HL loop. By definition, a single shipment unit does not have any lower-level shipment units consolidated into it. If the first parent HL loop identifies a Conveyance Transportation Control Number (TCN), the succeeding HL Loop(s) must identify Intermediate TCNs and Shipment TCNs or just Shipment TCNs and may identify re-packaged, consolidated line items. If the first parent HL loop is a single shipment unit with a Shipment TCN, the succeeding loop's must identify one or more line items.  
 LOOP CONDITION: Use this HL loop only for a Due-In Notice (BSN01 = '14') (Note: A Due-In Notice shall not be sent in the same transaction as a Receipt Notice or a Shipment-C Notice)

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M HL01	628	<b>Hierarchical ID Number</b> A unique number assigned by the sender to identify a particular data segment in a hierarchical structure [3-01] Hierarchical ID Number Enter the number one (1). [13-01] 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. [34-01] 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 1/12
	HL02 734	<b>Hierarchical Parent ID Number</b> Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to [13-02] Hierarchical Parent ID Number This data element will not be used in the initial loop. Use this element to link each child loop with its parent. Establish the link by copying the hierarchical (Segment) ID number of the parent HL loop here. [34-02] Hierarchical Parent ID Number ELEMENT CONDITION: This data element will not be used in the initial loop. Use this element to link each child loop with its parent. Establish the link by copying the hierarchical (Segment) ID number of the parent HL loop here.	O AN 1/12
M HL03	735	<b>Hierarchical Level Code</b> Code defining the characteristic of a level in a hierarchical structure [3-03] Hierarchical Level Code Use code value '9' to denote Line Item Detail. [13-03] Hierarchical Level Code Code values are used to define the character of an HL loop level in a nested, hierarchical structure. Use the informational code values, applicable to this transaction and the HL loop sequence to denote the DoD definitions as indicated. Use 'I' to identify Line Item Information in a Line Item Loop. A Line Item Loop should be subordinate to a Pack Loop; however, it may be subordinate to a Shipment Loop if a Pack Loop is not used. The Line Item Loop need only be used for line items re-packaged at a transship point. Use 'P' to identify RFID Tag Information and/or the Shipment Unit's 'piece of pieces' information in a Pack Loop. The Pack Loop is subordinate to a Shipment Loop. A Pack Loop may also be subordinate to another Pack Loop when used to identify a nested hierarchy of RFID tag information. Use 'S' to identify Shipment Unit Information in a Shipment Loop. [34-03] Hierarchical Level Code	M ID 1/2



**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:**

[4] SN1 SEGMENT - Receipt Notice Line Item Quantity  
 SEGMENT CONDITION: Use this segment to record the line item (shipment content) quantity shipped to the consolidation location. Only use this segment for line item requisitions and line item shipping documents that list a single line item (e.g., one stock number, or one part number, or one nomenclature); otherwise, do not report.

[14] SN1 SEGMENT - Shipment-C Notice Line Item Quantity  
 For Line Item Loop entries, this segment indicates the quantity of a line item packed in the package or container which is identified in the parent Pack Loop (HL03 = 'P') or the parent Shipment Loop (HL03 = 'S') if a Pack Loop is not used. The value may be less than or equal to the total quantity issued on the line item document.

When a parent Pack Loop contains RFID tag information, this segment in the child Line Item Loop also indicates the quantity of the line items packaged and marked with the related RFID tag.  
 SEGMENT CONDITION: Use this segment only in a Line Item Loop (HL03 = 'I')

[35] SN1 SEGMENT - Due-In Notice Line Item Quantity  
 For Line Item Loop entries, this segment indicates the quantity of a line item packed in the package or container which is identified in the parent Pack Loop (HL03 = 'P') or the parent Shipment Loop (HL03 = 'S') if a Pack Loop is not used. The value may be less than or equal to the total quantity issued on the line item document. Additionally, this segment may contain CLIN, sub-CLIN, or ELIN information.

When a parent Pack Loop contains RFID tag information, this segment in the child Line Item Loop also indicates the quantity of the line items packaged and marked with the related RFID tag.  
 SEGMENT CONDITION: Use this segment only in a Line Item Loop (HL03 = 'I')

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
SN101	350	<b>Assigned Identification</b>	<b>O AN 1/20</b>
		Alphanumeric characters assigned for differentiation within a transaction set [35-01] CLIN/SubCLIN/ELIN ELEMENT CONDITION: Use this element in all line item loops (HL03 = "I") to identify the CLIN/SubCLIN/ELIN. Only required for vendor shipments.	
M	SN102	<b>Number of Units Shipped</b>	<b>M R 1/10</b>
		Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set [4-02] Receipt Notice Line Item Quantity Enter the quantity shipped to the consolidation location as indicated by the line item Materiel Release Document (DD Form 1348-1A), the packing list, or the other shipping documents used to identify the shipment's contents. This is the information for the entire shipment unit or shipment unit increment (partial or split) as identified in the accompanying documents. It is not just for the individual piece of a shipment unit or shipment unit increment. [14-02] Shipment-C Notice Line Item 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. This information is for the individual piece as	

identified by the parent Pack Loop or parent Shipment Loop for the shipment unit or shipment unit increment.

[35-02] Due-In Notice Line Item 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. This information is for the individual piece as identified by the parent Pack Loop or parent Shipment Loop for the shipment unit or shipment unit increment.

[DTR: TAW 25/29]

M

SN103

355

**Unit or Basis for Measurement Code**

**M ID 2/2**

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

[4-03] Receipt Notice Shipment Unit or Basis for Measurement Code

Use any data element (DE) 355 (Version 004010) code, other than code value 'ZZ', to identify as necessary, the unit of issue or purchase unit for the line item quantity shipped to the consolidation location as indicated by the line item Materiel Release Document (DD Form 1348-1A), the packing list, or the other shipping documents used to identify the shipment's contents. If the line item's unit of issue or purchase unit does not map to the DE 355 code table, use code value 'UN' as the default code.

[14-03] Shipment-C Notice Shipment Unit or Basis for Measurement Code

Use any data element (DE) 355 (Version 004010) code, other than code value 'ZZ', to identify as necessary, the unit of issue or purchase unit for the line item quantity shipped to the consolidation location as indicated by the line item Materiel Release Document (DD Form 1348-1A), the packing list, or the other shipping documents used to identify the shipment's contents. If the line item's unit of issue or purchase unit does not map to the DE 355 code table, use code value 'UN' as the default code.

[35-03] Due-In Notice Shipment Unit or Basis for Measurement Code

Use any data element (DE) 355 (Version 004010) code, other than code value 'ZZ', to identify as necessary, the unit of issue or purchase unit for the line item quantity shipped as indicated by the line item Materiel Release Document (DD Form 1348-1A), the packing list, or the other shipping documents used to identify the shipment's contents. If the line item's unit of issue or purchase unit does not map to the DE 355 code table, use code value 'UN' as the default code.

- 01 Actual Pounds
  - [4-03] Actual Pounds
  - [14-03] Actual Pounds
  - [35-03] Actual Pounds
- 02 Statute Mile
  - [4-03] Statute Mile
  - [14-03] Statute Mile
  - [35-03] Statute Mile
- 03 Seconds
  - [4-03] Seconds
  - [14-03] Seconds
  - [35-03] Seconds
- 04 Small Spray
  - [4-03] Small Spray
  - [14-03] Small Spray
  - [35-03] Small Spray
- 05 Lifts
  - [4-03] Lifts
  - [14-03] Lifts
  - [35-03] Lifts

06	Digits Expresses a value using total number of digits, e.g., 6 digits [4-03] Digits [14-03] Digits [35-03] Digits
07	Strand [4-03] Strand [14-03] Strand [35-03] Strand
08	Heat Lots [4-03] Heat Lots [14-03] Heat Lots [35-03] Heat Lots
09	Tire [4-03] Tire [14-03] Tire [35-03] Tire
10	Group [4-03] Group [14-03] Group [35-03] Group
11	Outfit [4-03] Outfit [14-03] Outfit [35-03] Outfit
12	Packet [4-03] Packet [14-03] Packet [35-03] Packet
13	Ration [4-03] Ration [14-03] Ration [35-03] Ration
14	Shot [4-03] Shot [14-03] Shot [35-03] Shot
15	Stick [4-03] Stick [14-03] Stick [35-03] Stick
16	115 Kilogram Drum A cylindrical container whose contents weigh 115 kilograms when full [4-03] 115 Kilogram Drum [14-03] 115 Kilogram Drum [35-03] 115 Kilogram Drum
17	100 Pound Drum A cylindrical container whose contents weigh 100 pounds when full [4-03] 100 Pound Drum [14-03] 100 Pound Drum [35-03] 100 Pound Drum

18	<p>55 Gallon Drum</p> <p>A cylindrical container whose volume is equal to 55 gallons</p> <p>[4-03] 55 Gallon Drum</p> <p>[14-03] 55 Gallon Drum</p> <p>[35-03] 55 Gallon Drum</p>
19	<p>Tank Truck</p> <p>A liquid-carrying highway vehicle whose volume is variable according to the customer's needs and which is used as a measure of goods ordered, sold, and delivered; differs from a tank car which transports liquids by rail</p> <p>[4-03] Tank Truck</p> <p>[14-03] Tank Truck</p> <p>[35-03] Tank Truck</p>
1A	<p>Car Mile</p> <p>One freight car moving one mile</p> <p>[4-03] Car Mile</p> <p>[14-03] Car Mile</p> <p>[35-03] Car Mile</p>
1B	<p>Car Count</p> <p>The number of freight cars moving over a specified track</p> <p>[4-03] Car Count</p> <p>[14-03] Car Count</p> <p>[35-03] Car Count</p>
1C	<p>Locomotive Count</p> <p>The number of locomotives moved over a specified track</p> <p>[4-03] Locomotive Count</p> <p>[14-03] Locomotive Count</p> <p>[35-03] Locomotive Count</p>
1D	<p>Caboose Count</p> <p>The number of cabooses moved over a specified track</p> <p>[4-03] Caboose Count</p> <p>[14-03] Caboose Count</p> <p>[35-03] Caboose Count</p>
1E	<p>Empty Car</p> <p>Unloaded or empty cars moving over a specified track</p> <p>[4-03] Empty Car</p> <p>[14-03] Empty Car</p> <p>[35-03] Empty Car</p>
1F	<p>Train Mile</p> <p>The first locomotive in a train moving one mile</p> <p>[4-03] Train Mile</p> <p>[14-03] Train Mile</p> <p>[35-03] Train Mile</p>
1G	<p>Fuel Usage (Gallons)</p> <p>The number of gallons of diesel fuel used to move a train or all trains over specified trackage</p> <p>[4-03] Fuel Usage (Gallons)</p> <p>[14-03] Fuel Usage (Gallons)</p> <p>[35-03] Fuel Usage (Gallons)</p>
1H	<p>Caboose Mile</p> <p>One caboose moving one mile</p> <p>[4-03] Caboose Mile</p> <p>[14-03] Caboose Mile</p> <p>[35-03] Caboose Mile</p>

1I	<p>Fixed Rate</p> <p>Indicates a predetermined or set rate for usage of a facility</p> <p>[4-03] Fixed Rate</p> <p>[14-03] Fixed Rate</p> <p>[35-03] Fixed Rate</p>
1J	<p>Ton Miles</p> <p>Tons of freight multiplied by the number of times moved; includes non-revenue freight such as material used to maintain trackage and right-of-way</p> <p>[4-03] Ton Miles</p> <p>[14-03] Ton Miles</p> <p>[35-03] Ton Miles</p>
1K	<p>Locomotive Mile</p> <p>One locomotive moving one mile</p> <p>[4-03] Locomotive Mile</p> <p>[14-03] Locomotive Mile</p> <p>[35-03] Locomotive Mile</p>
1L	<p>Total Car Count</p> <p>The sum of cars, locomotives, and cabooses moving over a specified track; the conversion rate for locomotives and cabooses is set by contract</p> <p>[4-03] Total Car Count</p> <p>[14-03] Total Car Count</p> <p>[35-03] Total Car Count</p>
1M	<p>Total Car Mile</p> <p>The sum of car miles, locomotive miles, and caboose miles moved over a specified track; the conversion rate for locomotives and cabooses is set by contract</p> <p>[4-03] Total Car Mile</p> <p>[14-03] Total Car Mile</p> <p>[35-03] Total Car Mile</p>
1N	<p>Count</p> <p>[4-03] Count</p> <p>[14-03] Count</p> <p>[35-03] Count</p>
1O	<p>Season</p> <p>[4-03] Season</p> <p>[14-03] Season</p> <p>[35-03] Season</p>
1P	<p>Tank Car</p> <p>[4-03] Tank Car</p> <p>[14-03] Tank Car</p> <p>[35-03] Tank Car</p>
1Q	<p>Frames</p> <p>[4-03] Frames</p> <p>[14-03] Frames</p> <p>[35-03] Frames</p>
1R	<p>Transactions</p> <p>[4-03] Transactions</p> <p>[14-03] Transactions</p> <p>[35-03] Transactions</p>
1X	<p>Quarter Mile</p> <p>[4-03] Quarter Mile</p> <p>[14-03] Quarter Mile</p> <p>[35-03] Quarter Mile</p>

20	<p>20 Foot Container</p> <p>A sea-land rectangular container box whose capacity is defined by its longest dimension and by which product shipments are measured and billed</p> <p>[4-03] 20 Foot Container</p> <p>[14-03] 20 Foot Container</p> <p>[35-03] 20 Foot Container</p>
21	<p>40 Foot Container</p> <p>A sea-land rectangular container box whose capacity is defined by its longest dimension and by which product shipments are measured and billed</p> <p>[4-03] 40 Foot Container</p> <p>[14-03] 40 Foot Container</p> <p>[35-03] 40 Foot Container</p>
22	<p>Deciliter per Gram</p> <p>Represents viscosity, Cuene intrinsic viscosity, and limit intrinsic viscosity</p> <p>[4-03] Deciliter per Gram</p> <p>[14-03] Deciliter per Gram</p> <p>[35-03] Deciliter per Gram</p>
23	<p>Grams per Cubic Centimeter</p> <p>Represents product density</p> <p>[4-03] Grams per Cubic Centimeter</p> <p>[14-03] Grams per Cubic Centimeter</p> <p>[35-03] Grams per Cubic Centimeter</p>
24	<p>Theoretical Pounds</p> <p>[4-03] Theoretical Pounds</p> <p>[14-03] Theoretical Pounds</p> <p>[35-03] Theoretical Pounds</p>
25	<p>Grams per Square Centimeter</p> <p>Represents product basis weight</p> <p>[4-03] Grams per Square Centimeter</p> <p>[14-03] Grams per Square Centimeter</p> <p>[35-03] Grams per Square Centimeter</p>
26	<p>Actual Tons</p> <p>[4-03] Actual Tons</p> <p>[14-03] Actual Tons</p> <p>[35-03] Actual Tons</p>
27	<p>Theoretical Tons</p> <p>[4-03] Theoretical Tons</p> <p>[14-03] Theoretical Tons</p> <p>[35-03] Theoretical Tons</p>
28	<p>Kilograms per Square Meter</p> <p>Represents product basis weight</p> <p>[4-03] Kilograms per Square Meter</p> <p>[14-03] Kilograms per Square Meter</p> <p>[35-03] Kilograms per Square Meter</p>
29	<p>Pounds per 1000 Square Feet</p> <p>Represents product basis weight</p> <p>[4-03] Pounds per 1000 Square Feet</p> <p>[14-03] Pounds per 1000 Square Feet</p> <p>[35-03] Pounds per 1000 Square Feet</p>
2A	<p>Radians Per Second</p> <p>Measure of angular velocity</p> <p>[4-03] Radians Per Second</p> <p>[14-03] Radians Per Second</p>

	[35-03] Radians Per Second
2B	Radians Per Second Squared Measure of angular acceleration
	[4-03] Radians Per Second Squared
	[14-03] Radians Per Second Squared
	[35-03] Radians Per Second Squared
2C	Roentgen Unit of X-radiation or gamma radiation equal to the amount of radiation that produces in one cubic centimeter of dry air at 0 degrees Celsius and standard atmospheric pressure ionization of either sign equal to one electrostatic unit of charge
	[4-03] Roentgen
	[14-03] Roentgen
	[35-03] Roentgen
2F	Volts Per Meter Measure of electrical field strength
	[4-03] Volts Per Meter
	[14-03] Volts Per Meter
	[35-03] Volts Per Meter
2G	Volts (Alternating Current) Measure of electrical potential
	[4-03] Volts (Alternating Current)
	[14-03] Volts (Alternating Current)
	[35-03] Volts (Alternating Current)
2H	Volts (Direct Current) Measure of electrical potential
	[4-03] Volts (Direct Current)
	[14-03] Volts (Direct Current)
	[35-03] Volts (Direct Current)
2I	British Thermal Units (BTUs) Per Hour British thermal units per hour
	[4-03] British Thermal Units (BTUs) Per Hour
	[14-03] British Thermal Units (BTUs) Per Hour
	[35-03] British Thermal Units (BTUs) Per Hour
2J	Cubic Centimeters Per Second Rate of flow
	[4-03] Cubic Centimeters Per Second
	[14-03] Cubic Centimeters Per Second
	[35-03] Cubic Centimeters Per Second
2K	Cubic Feet Per Hour Rate of flow
	[4-03] Cubic Feet Per Hour
	[14-03] Cubic Feet Per Hour
	[35-03] Cubic Feet Per Hour
2L	Cubic Feet Per Minute Rate of flow
	[4-03] Cubic Feet Per Minute
	[14-03] Cubic Feet Per Minute
	[35-03] Cubic Feet Per Minute
2M	Centimeters Per Second Rate of speed
	[4-03] Centimeters Per Second
	[14-03] Centimeters Per Second
	[35-03] Centimeters Per Second

2N	<p>Decibels</p> <p>A unit for expressing the relative intensity of sounds on a scale of 0 for the least perceptible sound to about 130 for the average pain level</p> <p>[4-03] Decibels</p> <p>[14-03] Decibels</p> <p>[35-03] Decibels</p>
2P	<p>Kilobyte</p> <p>Unit of computer storage capacity equal to 1000 bytes</p> <p>[4-03] Kilobyte</p> <p>[14-03] Kilobyte</p> <p>[35-03] Kilobyte</p>
2Q	<p>Kilobecquerel</p> <p>Unit of radiation</p> <p>[4-03] Kilobecquerel</p> <p>[14-03] Kilobecquerel</p> <p>[35-03] Kilobecquerel</p>
2R	<p>Kilocurie</p> <p>Unit of radiation</p> <p>[4-03] Kilocurie</p> <p>[14-03] Kilocurie</p> <p>[35-03] Kilocurie</p>
2U	<p>Megagram</p> <p>Unit of mass</p> <p>[4-03] Megagram</p> <p>[14-03] Megagram</p> <p>[35-03] Megagram</p>
2V	<p>Megagrams Per Hour</p> <p>[4-03] Megagrams Per Hour</p> <p>[14-03] Megagrams Per Hour</p> <p>[35-03] Megagrams Per Hour</p>
2W	<p>Bin</p> <p>Storage container used as a unit of measurement</p> <p>[4-03] Bin</p> <p>[14-03] Bin</p> <p>[35-03] Bin</p>
2X	<p>Meters Per Minute</p> <p>Measure of linear speed</p> <p>[4-03] Meters Per Minute</p> <p>[14-03] Meters Per Minute</p> <p>[35-03] Meters Per Minute</p>
2Y	<p>Milliroentgen</p> <p>Unit of radiation</p> <p>[4-03] Milliroentgen</p> <p>[14-03] Milliroentgen</p> <p>[35-03] Milliroentgen</p>
2Z	<p>Millivolts</p> <p>Unit of electrical potential</p> <p>[4-03] Millivolts</p> <p>[14-03] Millivolts</p> <p>[35-03] Millivolts</p>
30	<p>Horsepower Days per Air Dry Metric Tons</p> <p>Represents the energy requirements for processing a product</p> <p>[4-03] Horsepower Days per Air Dry Metric Tons</p>

	[14-03] Horsepower Days per Air Dry Metric Tons
	[35-03] Horsepower Days per Air Dry Metric Tons
31	Catchweight
	[4-03] Catchweight
	[14-03] Catchweight
	[35-03] Catchweight
32	Kilograms per Air Dry Metric Tons
	Represents chemical addition rate during product manufacture or chemical addition within the finished product
	[4-03] Kilograms per Air Dry Metric Tons
	[14-03] Kilograms per Air Dry Metric Tons
	[35-03] Kilograms per Air Dry Metric Tons
33	Kilopascal Square Meters per Gram
	Represents burst index measurement for pulp products
	[4-03] Kilopascal Square Meters per Gram
	[14-03] Kilopascal Square Meters per Gram
	[35-03] Kilopascal Square Meters per Gram
34	Kilopascals per Millimeter
	Represents hardness index of pulp products
	[4-03] Kilopascals per Millimeter
	[14-03] Kilopascals per Millimeter
	[35-03] Kilopascals per Millimeter
35	Milliliters per Square Centimeter Second
	Represents porosity of a sheet of material
	[4-03] Milliliters per Square Centimeter Second
	[14-03] Milliliters per Square Centimeter Second
	[35-03] Milliliters per Square Centimeter Second
36	Cubic Feet per Minute per Square Foot
	Represents porosity of a sheet of material
	[4-03] Cubic Feet per Minute per Square Foot
	[14-03] Cubic Feet per Minute per Square Foot
	[35-03] Cubic Feet per Minute per Square Foot
37	Ounces per Square Foot
	Represents sheet weight
	[4-03] Ounces per Square Foot
	[14-03] Ounces per Square Foot
	[35-03] Ounces per Square Foot
38	Ounces per Square Foot per 0.01 Inch
	Represents sheet density
	[4-03] Ounces per Square Foot per 0.01 Inch
	[14-03] Ounces per Square Foot per 0.01 Inch
	[35-03] Ounces per Square Foot per 0.01 Inch
39	Basis Points
	[4-03] Basis Points
	[14-03] Basis Points
	[35-03] Basis Points
3B	Megajoule
	Unit of energy or heat
	[4-03] Megajoule
	[14-03] Megajoule
	[35-03] Megajoule
3C	Manmonth
	Measure of work output by a single person during a typical work month
	[4-03] Manmonth
	[14-03] Manmonth
	[35-03] Manmonth

3E	Pounds Per Pound of Product [4-03] Pounds Per Pound of Product [14-03] Pounds Per Pound of Product [35-03] Pounds Per Pound of Product
3F	Kilograms Per Liter of Product [4-03] Kilograms Per Liter of Product [14-03] Kilograms Per Liter of Product [35-03] Kilograms Per Liter of Product
3G	Pounds Per Piece of Product [4-03] Pounds Per Piece of Product [14-03] Pounds Per Piece of Product [35-03] Pounds Per Piece of Product
3H	Kilograms Per Kilogram of Product [4-03] Kilograms Per Kilogram of Product [14-03] Kilograms Per Kilogram of Product [35-03] Kilograms Per Kilogram of Product
3I	Kilograms Per Piece of Product [4-03] Kilograms Per Piece of Product [14-03] Kilograms Per Piece of Product [35-03] Kilograms Per Piece of Product
40	Milliliter per Second Represents rate of absorbency [4-03] Milliliter per Second [14-03] Milliliter per Second [35-03] Milliliter per Second
41	Milliliter per Minute Represents rate of absorbency [4-03] Milliliter per Minute [14-03] Milliliter per Minute [35-03] Milliliter per Minute
43	Super Bulk Bag A cloth, plastic, or paper-based bag having the dimensions of the pallet on which it is constructed and varying in height according to the weight and density of product contained; typically transports dry, loose materials in bulk form [4-03] Super Bulk Bag [14-03] Super Bulk Bag [35-03] Super Bulk Bag
44	500 Kilogram Bulk Bag A flexible container for bulk goods whose contents weigh 500 kilograms when full [4-03] 500 Kilogram Bulk Bag [14-03] 500 Kilogram Bulk Bag [35-03] 500 Kilogram Bulk Bag
45	300 Kilogram Bulk Bag A flexible container for bulk goods whose contents weigh 300 kilograms when full [4-03] 300 Kilogram Bulk Bag [14-03] 300 Kilogram Bulk Bag [35-03] 300 Kilogram Bulk Bag
46	25 Kilogram Bulk Bag A flexible container for bulk goods whose contents weigh 25 kilograms when full [4-03] 25 Kilogram Bulk Bag [14-03] 25 Kilogram Bulk Bag [35-03] 25 Kilogram Bulk Bag

47	<p>50 Pound Bag</p> <p>A flexible container whose contents weigh 50 pounds when full</p> <p>[4-03] 50 Pound Bag</p> <p>[14-03] 50 Pound Bag</p> <p>[35-03] 50 Pound Bag</p>
48	<p>Bulk Car Load</p> <p>A fully loaded rail car containing dry bulk loose materials</p> <p>[4-03] Bulk Car Load</p> <p>[14-03] Bulk Car Load</p> <p>[35-03] Bulk Car Load</p>
4A	<p>Bobbin</p> <p>A cylinder or spindle on which yarn or thread is wound</p> <p>[4-03] Bobbin</p> <p>[14-03] Bobbin</p> <p>[35-03] Bobbin</p>
4B	<p>Cap</p> <p>Designates that the cap of a container is manufactured to dimensions that enable it to be used as a measuring device when mixing the contents of the container with another substance</p> <p>[4-03] Cap</p> <p>[14-03] Cap</p> <p>[35-03] Cap</p>
4C	<p>Centistokes</p> <p><math>1 \times 10^{-6}</math> square meters/second</p> <p>[4-03] Centistokes</p> <p>[14-03] Centistokes</p> <p>[35-03] Centistokes</p>
4D	<p>Curie</p> <p>A unit of radioactivity equal to <math>3.7 \times 10^{10}</math> disintegrations per second</p> <p>[4-03] Curie</p> <p>[14-03] Curie</p> <p>[35-03] Curie</p>
4E	<p>20-Pack</p> <p>Pack containing 20 units</p> <p>[4-03] 20-Pack</p> <p>[14-03] 20-Pack</p> <p>[35-03] 20-Pack</p>
4F	<p>100-Pack</p> <p>Pack containing 100 units</p> <p>[4-03] 100-Pack</p> <p>[14-03] 100-Pack</p> <p>[35-03] 100-Pack</p>
4G	<p>Microliter</p> <p>1/1,000,000 liter</p> <p>[4-03] Microliter</p> <p>[14-03] Microliter</p> <p>[35-03] Microliter</p>
4H	<p>Micrometer</p> <p>1/1,000,000 meter</p> <p>[4-03] Micrometer</p> <p>[14-03] Micrometer</p> <p>[35-03] Micrometer</p>

4I	<p>Meters Per Second</p> <p>Measure of linear speed</p> <p>[4-03] Meters Per Second</p> <p>[14-03] Meters Per Second</p> <p>[35-03] Meters Per Second</p>
4J	<p>Meters Per Second Per Second</p> <p>Measure of acceleration</p> <p>[4-03] Meters Per Second Per Second</p> <p>[14-03] Meters Per Second Per Second</p> <p>[35-03] Meters Per Second Per Second</p>
4K	<p>Milliamperes</p> <p>Unit of electrical current</p> <p>[4-03] Milliamperes</p> <p>[14-03] Milliamperes</p> <p>[35-03] Milliamperes</p>
4L	<p>Megabyte</p> <p>Unit of computer storage capacity</p> <p>[4-03] Megabyte</p> <p>[14-03] Megabyte</p> <p>[35-03] Megabyte</p>
4M	<p>Milligrams Per Hour</p> <p>Unit of flow</p> <p>[4-03] Milligrams Per Hour</p> <p>[14-03] Milligrams Per Hour</p> <p>[35-03] Milligrams Per Hour</p>
4N	<p>Megabecquerel</p> <p>Unit of radiation</p> <p>[4-03] Megabecquerel</p> <p>[14-03] Megabecquerel</p> <p>[35-03] Megabecquerel</p>
4O	<p>Microfarad</p> <p>Unit of electrical capacitance</p> <p>[4-03] Microfarad</p> <p>[14-03] Microfarad</p> <p>[35-03] Microfarad</p>
4P	<p>Newtons Per Meter</p> <p>Unit of measure for surface tension</p> <p>[4-03] Newtons Per Meter</p> <p>[14-03] Newtons Per Meter</p> <p>[35-03] Newtons Per Meter</p>
4Q	<p>Ounce Inch</p> <p>Unit of torque</p> <p>[4-03] Ounce Inch</p> <p>[14-03] Ounce Inch</p> <p>[35-03] Ounce Inch</p>
4R	<p>Ounce Foot</p> <p>Unit of torque</p> <p>[4-03] Ounce Foot</p> <p>[14-03] Ounce Foot</p> <p>[35-03] Ounce Foot</p>
4S	<p>Pascal</p> <p>Unit of pressure</p> <p>[4-03] Pascal</p> <p>[14-03] Pascal</p> <p>[35-03] Pascal</p>

4T	Picofarad Unit of electrical capacitance [4-03] Picofarad [14-03] Picofarad [35-03] Picofarad
4U	Pounds Per Hour Rate of flow [4-03] Pounds Per Hour [14-03] Pounds Per Hour [35-03] Pounds Per Hour
4V	Cubic Meter Per Hour Rate of flow [4-03] Cubic Meter Per Hour [14-03] Cubic Meter Per Hour [35-03] Cubic Meter Per Hour
4W	Ton Per Hour Rate of flow [4-03] Ton Per Hour [14-03] Ton Per Hour [35-03] Ton Per Hour
4X	Kiloliter Per Hour Rate of flow [4-03] Kiloliter Per Hour [14-03] Kiloliter Per Hour [35-03] Kiloliter Per Hour
50	Actual Kilograms [4-03] Actual Kilograms [14-03] Actual Kilograms [35-03] Actual Kilograms
51	Actual Tonnes [4-03] Actual Tonnes [14-03] Actual Tonnes [35-03] Actual Tonnes
52	Credits [4-03] Credits [14-03] Credits [35-03] Credits
53	Theoretical Kilograms [4-03] Theoretical Kilograms [14-03] Theoretical Kilograms [35-03] Theoretical Kilograms
54	Theoretical Tonnes [4-03] Theoretical Tonnes [14-03] Theoretical Tonnes [35-03] Theoretical Tonnes
56	Sitas [4-03] Sitas [14-03] Sitas [35-03] Sitas
57	Mesh Linear measurement of the open area of screen, net, weave, or similarly constructed item [4-03] Mesh [14-03] Mesh [35-03] Mesh
58	Net Kilograms [4-03] Net Kilograms [14-03] Net Kilograms

	[35-03] Net Kilograms
59	Parts Per Million
	[4-03] Parts Per Million
	[14-03] Parts Per Million
	[35-03] Parts Per Million
5A	Barrels per Minute
	The number of 42 gallon barrels pumped or mixed in a time period of one minute
	[4-03] Barrels per Minute
	[14-03] Barrels per Minute
	[35-03] Barrels per Minute
5B	Batch
	The quantity of material produced at one operation
	[4-03] Batch
	[14-03] Batch
	[35-03] Batch
5C	Gallons per Thousand
	The number of gallons of a component material used per one thousand gallons of a process made
	[4-03] Gallons per Thousand
	[14-03] Gallons per Thousand
	[35-03] Gallons per Thousand
5E	MMSCF/Day
	One million standard cubic feet of gas per day
	[4-03] MMSCF/Day
	[14-03] MMSCF/Day
	[35-03] MMSCF/Day
5F	Pounds per Thousand
	The number of pounds of solid material used in each 1000 gallons of fluid, mixed or pumped
	[4-03] Pounds per Thousand
	[14-03] Pounds per Thousand
	[35-03] Pounds per Thousand
5G	Pump
	The number of pumps used on a specific job
	[4-03] Pump
	[14-03] Pump
	[35-03] Pump
5H	Stage
	A period or step in a process or development
	[4-03] Stage
	[14-03] Stage
	[35-03] Stage
5I	Standard Cubic Foot
	One cubic foot of gas measured at a fixed temperature and pressure; the value used for the temperature and pressure varies depending on the type of gas being measured
	[4-03] Standard Cubic Foot
	[14-03] Standard Cubic Foot
	[35-03] Standard Cubic Foot
5J	Hydraulic Horse Power
	A calculated measure of Horse Power using the formula rate (barrels per minute) times pressure (pounds per square inch) divided by 40.8
	[4-03] Hydraulic Horse Power
	[14-03] Hydraulic Horse Power
	[35-03] Hydraulic Horse Power

5K	Count per Minute
	[4-03] Count per Minute
	[14-03] Count per Minute
	[35-03] Count per Minute
5P	Seismic Level
	[4-03] Seismic Level
	[14-03] Seismic Level
	[35-03] Seismic Level
5Q	Seismic Line
	[4-03] Seismic Line
	[14-03] Seismic Line
	[35-03] Seismic Line
60	Percent Weight
	[4-03] Percent Weight
	[14-03] Percent Weight
	[35-03] Percent Weight
61	Parts Per Billion
	[4-03] Parts Per Billion
	[14-03] Parts Per Billion
	[35-03] Parts Per Billion
62	Percent Per 1000 Hours
	[4-03] Percent Per 1000 Hours
	[14-03] Percent Per 1000 Hours
	[35-03] Percent Per 1000 Hours
63	Failure Rate In Time
	[4-03] Failure Rate In Time
	[14-03] Failure Rate In Time
	[35-03] Failure Rate In Time
64	Pounds Per Square Inch Gauge
	[4-03] Pounds Per Square Inch Gauge
	[14-03] Pounds Per Square Inch Gauge
	[35-03] Pounds Per Square Inch Gauge
65	Coulomb
	Unit of charge
	[4-03] Coulomb
	[14-03] Coulomb
	[35-03] Coulomb
66	Oersteds
	[4-03] Oersteds
	[14-03] Oersteds
	[35-03] Oersteds
67	Siemens
	Unit of admittance
	[4-03] Siemens
	[14-03] Siemens
	[35-03] Siemens
68	Ampere
	[4-03] Ampere
	[14-03] Ampere
	[35-03] Ampere
69	Test Specific Scale
	[4-03] Test Specific Scale
	[14-03] Test Specific Scale
	[35-03] Test Specific Scale
70	Volt
	[4-03] Volt

	[14-03] Volt
	[35-03] Volt
71	Volt-Ampere Per Pound
	[4-03] Volt-Ampere Per Pound
	[14-03] Volt-Ampere Per Pound
	[35-03] Volt-Ampere Per Pound
72	Watts Per Pound
	[4-03] Watts Per Pound
	[14-03] Watts Per Pound
	[35-03] Watts Per Pound
73	Ampere Turn Per Centimeter
	[4-03] Ampere Turn Per Centimeter
	[14-03] Ampere Turn Per Centimeter
	[35-03] Ampere Turn Per Centimeter
74	Milli Pascals
	[4-03] Milli Pascals
	[14-03] Milli Pascals
	[35-03] Milli Pascals
76	Gauss
	[4-03] Gauss
	[14-03] Gauss
	[35-03] Gauss
77	Mil
	[4-03] Mil
	[14-03] Mil
	[35-03] Mil
78	Kilogauss
	[4-03] Kilogauss
	[14-03] Kilogauss
	[35-03] Kilogauss
79	Electron Volt
	[4-03] Electron Volt
	[14-03] Electron Volt
	[35-03] Electron Volt
80	Pounds Per Square Inch Absolute
	[4-03] Pounds Per Square Inch Absolute
	[14-03] Pounds Per Square Inch Absolute
	[35-03] Pounds Per Square Inch Absolute
81	Henry
	Unit of inductance
	[4-03] Henry
	[14-03] Henry
	[35-03] Henry
82	Ohm
	Unit of resistance
	[4-03] Ohm
	[14-03] Ohm
	[35-03] Ohm
83	Farad
	Unit of capacitance
	[4-03] Farad
	[14-03] Farad
	[35-03] Farad
84	Kilo Pounds Per Square Inch (KSI)
	[4-03] Kilo Pounds Per Square Inch (KSI)
	[14-03] Kilo Pounds Per Square Inch (KSI)
	[35-03] Kilo Pounds Per Square Inch (KSI)

85	Foot Pounds
	[4-03] Foot Pounds
	[14-03] Foot Pounds
	[35-03] Foot Pounds
86	Joules
	[4-03] Joules
	[14-03] Joules
	[35-03] Joules
87	Pounds per Cubic Foot
	[4-03] Pounds per Cubic Foot
	[14-03] Pounds per Cubic Foot
	[35-03] Pounds per Cubic Foot
89	Poise
	[4-03] Poise
	[14-03] Poise
	[35-03] Poise
8C	Cord
	[4-03] Cord
	[14-03] Cord
	[35-03] Cord
8D	Duty
	[4-03] Duty
	[14-03] Duty
	[35-03] Duty
8P	Project
	[4-03] Project
	[14-03] Project
	[35-03] Project
8R	Program
	[4-03] Program
	[14-03] Program
	[35-03] Program
8S	Session
	[4-03] Session
	[14-03] Session
	[35-03] Session
8U	Square Kilometer
	[4-03] Square Kilometer
	[14-03] Square Kilometer
	[35-03] Square Kilometer
90	Saybold Universal Second
	A measure of kinematic viscosity, usually of oil
	[4-03] Saybold Universal Second
	[14-03] Saybold Universal Second
	[35-03] Saybold Universal Second
91	Stokes
	[4-03] Stokes
	[14-03] Stokes
	[35-03] Stokes
92	Calories per Cubic Centimeter
	[4-03] Calories per Cubic Centimeter
	[14-03] Calories per Cubic Centimeter
	[35-03] Calories per Cubic Centimeter
93	Calories per Gram
	[4-03] Calories per Gram
	[14-03] Calories per Gram

	[35-03] Calories per Gram
94	Curl Units
	[4-03] Curl Units
	[14-03] Curl Units
	[35-03] Curl Units
95	20,000 Gallon Tankcar
	A 20,000 gallon liquid capacity enclosed rail car
	[4-03] 20,000 Gallon Tankcar
	[14-03] 20,000 Gallon Tankcar
	[35-03] 20,000 Gallon Tankcar
96	10,000 Gallon Tankcar
	A 10,000 gallon liquid capacity enclosed rail car
	[4-03] 10,000 Gallon Tankcar
	[14-03] 10,000 Gallon Tankcar
	[35-03] 10,000 Gallon Tankcar
97	10 Kilogram Drum
	A cylindrical container whose contents weigh 10 kilograms when full
	[4-03] 10 Kilogram Drum
	[14-03] 10 Kilogram Drum
	[35-03] 10 Kilogram Drum
98	15 Kilogram Drum
	A cylindrical container whose contents weigh 15 kilograms when full
	[4-03] 15 Kilogram Drum
	[14-03] 15 Kilogram Drum
	[35-03] 15 Kilogram Drum
99	Watt
	[4-03] Watt
	[14-03] Watt
	[35-03] Watt
A8	Dollars per Hours
	A rate expressed in dollars per hour to be charged for each hour worked
	[4-03] Dollars per Hours
	[14-03] Dollars per Hours
	[35-03] Dollars per Hours
AA	Ball
	[4-03] Ball
	[14-03] Ball
	[35-03] Ball
AB	Bulk Pack
	[4-03] Bulk Pack
	[14-03] Bulk Pack
	[35-03] Bulk Pack
AC	Acre
	[4-03] Acre
	[14-03] Acre
	[35-03] Acre
AD	Bytes
	A computer string of data that consists of a quantity of bits, treated as a unit; a bit is a binary digit
	[4-03] Bytes
	[14-03] Bytes
	[35-03] Bytes
AE	Amperes per Meter
	[4-03] Amperes per Meter
	[14-03] Amperes per Meter
	[35-03] Amperes per Meter

AF	<p>Centigram</p> <p>A unit of metric weight equal to 0.01 gram or 0.000035 ounce</p> <p>[4-03] Centigram</p> <p>[14-03] Centigram</p> <p>[35-03] Centigram</p>
AG	<p>Angstrom</p> <p>[4-03] Angstrom</p> <p>[14-03] Angstrom</p> <p>[35-03] Angstrom</p>
AH	<p>Additional Minutes</p> <p>The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service</p> <p>[4-03] Additional Minutes</p> <p>[14-03] Additional Minutes</p> <p>[35-03] Additional Minutes</p>
AI	<p>Average Minutes Per Call</p> <p>The total number of minutes of a category of calls divided by the total number of calls within the category for telephone services calculated to provide call summary details</p> <p>[4-03] Average Minutes Per Call</p> <p>[14-03] Average Minutes Per Call</p> <p>[35-03] Average Minutes Per Call</p>
AJ	<p>Cop</p> <p>A cylindrical or conical mass of thread, yarn, or cable on a quill or a tube</p> <p>[4-03] Cop</p> <p>[14-03] Cop</p> <p>[35-03] Cop</p>
AK	<p>Fathom</p> <p>A unit of length equal to 6.0 feet or 1.829 meters</p> <p>[4-03] Fathom</p> <p>[14-03] Fathom</p> <p>[35-03] Fathom</p>
AL	<p>Access Lines</p> <p>Number of lines subject to Carrier Access Line Charges</p> <p>[4-03] Access Lines</p> <p>[14-03] Access Lines</p> <p>[35-03] Access Lines</p>
AM	<p>Ampoule</p> <p>[4-03] Ampoule</p> <p>[14-03] Ampoule</p> <p>[35-03] Ampoule</p>
AN	<p>Minutes or Messages</p> <p>Number of minutes or messages contracted or used in telephone services where either the number of minutes or messages are the unit of measure for the calculation of charges</p> <p>[4-03] Minutes or Messages</p> <p>[14-03] Minutes or Messages</p> <p>[35-03] Minutes or Messages</p>
AO	<p>Ampere-turn</p> <p>[4-03] Ampere-turn</p> <p>[14-03] Ampere-turn</p> <p>[35-03] Ampere-turn</p>
AP	<p>Aluminum Pounds Only</p> <p>[4-03] Aluminum Pounds Only</p>

	[14-03] Aluminum Pounds Only
	[35-03] Aluminum Pounds Only
AQ	Anti-hemophilic Factor (AHF) Units Intravenous administering of blood products that have been tested for potency against the U.S. medical unit of measure
	[4-03] Anti-hemophilic Factor (AHF) Units
	[14-03] Anti-hemophilic Factor (AHF) Units
	[35-03] Anti-hemophilic Factor (AHF) Units
AR	Suppository
	[4-03] Suppository
	[14-03] Suppository
	[35-03] Suppository
AS	Assortment
	[4-03] Assortment
	[14-03] Assortment
	[35-03] Assortment
AT	Atmosphere Equal to the pressure of the air at sea level, or approximately 14.7 pounds per square inch
	[4-03] Atmosphere
	[14-03] Atmosphere
	[35-03] Atmosphere
AU	Ocular Insert System A drug delivery system which is placed in the lower conjunctival fornix from which the drug diffuses through a membrane at a constant rate over a seven-day period
	[4-03] Ocular Insert System
	[14-03] Ocular Insert System
	[35-03] Ocular Insert System
AV	Capsule A compact metallic or plastic container for liquids or solids
	[4-03] Capsule
	[14-03] Capsule
	[35-03] Capsule
AW	Powder-Filled Vials Standard unit of intravenous blood product that has to be reconstituted with a liquid before being administered
	[4-03] Powder-Filled Vials
	[14-03] Powder-Filled Vials
	[35-03] Powder-Filled Vials
AX	Twenty 20 each of an item of supply
	[4-03] Twenty
	[14-03] Twenty
	[35-03] Twenty
AY	Assembly
	[4-03] Assembly
	[14-03] Assembly
	[35-03] Assembly
AZ	British Thermal Units (BTUs) per Pound
	[4-03] British Thermal Units (BTUs) per Pound
	[14-03] British Thermal Units (BTUs) per Pound
	[35-03] British Thermal Units (BTUs) per Pound
BO	British Thermal Units (BTUs) per Cubic Foot
	[4-03] British Thermal Units (BTUs) per Cubic Foot
	[14-03] British Thermal Units (BTUs) per Cubic Foot
	[35-03] British Thermal Units (BTUs) per Cubic Foot

B1	Barrels per Day [4-03] Barrels per Day [14-03] Barrels per Day [35-03] Barrels per Day
B2	Bunks [4-03] Bunks [14-03] Bunks [35-03] Bunks
B3	Batting Pound [4-03] Batting Pound [14-03] Batting Pound [35-03] Batting Pound
B4	Barrel, Imperial [4-03] Barrel, Imperial [14-03] Barrel, Imperial [35-03] Barrel, Imperial
B5	Billet [4-03] Billet [14-03] Billet [35-03] Billet
B6	Bun [4-03] Bun [14-03] Bun [35-03] Bun
B7	Cycles [4-03] Cycles [14-03] Cycles [35-03] Cycles
B8	Board [4-03] Board [14-03] Board [35-03] Board
B9	Batt [4-03] Batt [14-03] Batt [35-03] Batt
BA	Bale [4-03] Bale [14-03] Bale [35-03] Bale
BB	Base Box [4-03] Base Box [14-03] Base Box [35-03] Base Box
BC	Bucket [4-03] Bucket [14-03] Bucket [35-03] Bucket
BD	Bundle [4-03] Bundle [14-03] Bundle [35-03] Bundle
BE	Beam [4-03] Beam [14-03] Beam [35-03] Beam
BF	Board Feet [4-03] Board Feet

	[14-03] Board Feet
	[35-03] Board Feet
BG	Bag
	[4-03] Bag
	[14-03] Bag
	[35-03] Bag
BH	Brush
	[4-03] Brush
	[14-03] Brush
	[35-03] Brush
BI	Bar
	A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter
	[4-03] Bar
	[14-03] Bar
	[35-03] Bar
BJ	Band
	[4-03] Band
	[14-03] Band
	[35-03] Band
BK	Book
	[4-03] Book
	[14-03] Book
	[35-03] Book
BL	Block
	[4-03] Block
	[14-03] Block
	[35-03] Block
BM	Bolt
	[4-03] Bolt
	[14-03] Bolt
	[35-03] Bolt
BN	Bulk
	[4-03] Bulk
	[14-03] Bulk
	[35-03] Bulk
BO	Bottle
	[4-03] Bottle
	[14-03] Bottle
	[35-03] Bottle
BP	100 Board Feet
	[4-03] 100 Board Feet
	[14-03] 100 Board Feet
	[35-03] 100 Board Feet
BQ	Brake horse power
	The horsepower made available by an engine or turbine for driving machinery other than itself
	[4-03] Brake horse power
	[14-03] Brake horse power
	[35-03] Brake horse power
BR	Barrel
	[4-03] Barrel
	[14-03] Barrel
	[35-03] Barrel
BS	Basket
	[4-03] Basket
	[14-03] Basket
	[35-03] Basket

BT	Belt [4-03] Belt [14-03] Belt [35-03] Belt
BU	Bushel 32 dry quarts [4-03] Bushel [14-03] Bushel [35-03] Bushel
BV	Bushel, Dry Imperial [4-03] Bushel, Dry Imperial [14-03] Bushel, Dry Imperial [35-03] Bushel, Dry Imperial
BW	Base Weight [4-03] Base Weight [14-03] Base Weight [35-03] Base Weight
BX	Box [4-03] Box [14-03] Box [35-03] Box
BY	British Thermal Unit (BTU) [4-03] British Thermal Unit (BTU) [14-03] British Thermal Unit (BTU) [35-03] British Thermal Unit (BTU)
BZ	Million BTU's [4-03] Million BTU's [14-03] Million BTU's [35-03] Million BTU's
C0	Calls Number of calls handled [4-03] Calls [14-03] Calls [35-03] Calls
C1	Composite Product Pounds (Total Weight) [4-03] Composite Product Pounds (Total Weight) [14-03] Composite Product Pounds (Total Weight) [35-03] Composite Product Pounds (Total Weight)
C2	Carset [4-03] Carset [14-03] Carset [35-03] Carset
C3	Centiliter [4-03] Centiliter [14-03] Centiliter [35-03] Centiliter
C4	Carload [4-03] Carload [14-03] Carload [35-03] Carload
C5	Cost [4-03] Cost [14-03] Cost [35-03] Cost
C6	Cell [4-03] Cell

	[14-03] Cell
	[35-03] Cell
C7	Centipoise (CPS)
	[4-03] Centipoise (CPS)
	[14-03] Centipoise (CPS)
	[35-03] Centipoise (CPS)
C8	Cubic Decimeter
	[4-03] Cubic Decimeter
	[14-03] Cubic Decimeter
	[35-03] Cubic Decimeter
C9	Coil Group
	[4-03] Coil Group
	[14-03] Coil Group
	[35-03] Coil Group
CA	Case
	[4-03] Case
	[14-03] Case
	[35-03] Case
CB	Carboy
	[4-03] Carboy
	[14-03] Carboy
	[35-03] Carboy
CC	Cubic Centimeter
	[4-03] Cubic Centimeter
	[14-03] Cubic Centimeter
	[35-03] Cubic Centimeter
CD	Carat
	[4-03] Carat
	[14-03] Carat
	[35-03] Carat
CE	Centigrade, Celsius
	[4-03] Centigrade, Celsius
	[14-03] Centigrade, Celsius
	[35-03] Centigrade, Celsius
CF	Cubic Feet
	[4-03] Cubic Feet
	[14-03] Cubic Feet
	[35-03] Cubic Feet
CG	Card
	[4-03] Card
	[14-03] Card
	[35-03] Card
CH	Container
	[4-03] Container
	[14-03] Container
	[35-03] Container
CI	Cubic Inches
	[4-03] Cubic Inches
	[14-03] Cubic Inches
	[35-03] Cubic Inches
CJ	Cone
	[4-03] Cone
	[14-03] Cone
	[35-03] Cone
CK	Connector
	[4-03] Connector
	[14-03] Connector
	[35-03] Connector

CL	Cylinder
	[4-03] Cylinder
	[14-03] Cylinder
	[35-03] Cylinder
CM	Centimeter
	[4-03] Centimeter
	[14-03] Centimeter
	[35-03] Centimeter
CN	Can
	[4-03] Can
	[14-03] Can
	[35-03] Can
CO	Cubic Meters (Net)
	[4-03] Cubic Meters (Net)
	[14-03] Cubic Meters (Net)
	[35-03] Cubic Meters (Net)
CP	Crate
	[4-03] Crate
	[14-03] Crate
	[35-03] Crate
CQ	Cartridge
	[4-03] Cartridge
	[14-03] Cartridge
	[35-03] Cartridge
CR	Cubic Meter
	[4-03] Cubic Meter
	[14-03] Cubic Meter
	[35-03] Cubic Meter
CS	Cassette
	[4-03] Cassette
	[14-03] Cassette
	[35-03] Cassette
CT	Carton
	[4-03] Carton
	[14-03] Carton
	[35-03] Carton
CU	Cup
	[4-03] Cup
	[14-03] Cup
	[35-03] Cup
CV	Cover
	[4-03] Cover
	[14-03] Cover
	[35-03] Cover
CW	Hundred Pounds (CWT)
	[4-03] Hundred Pounds (CWT)
	[14-03] Hundred Pounds (CWT)
	[35-03] Hundred Pounds (CWT)
CX	Coil
	[4-03] Coil
	[14-03] Coil
	[35-03] Coil
CY	Cubic Yard
	[4-03] Cubic Yard
	[14-03] Cubic Yard
	[35-03] Cubic Yard
CZ	Combo
	[4-03] Combo

D2	[14-03] Combo
	[35-03] Combo
	Shares
D3	[4-03] Shares
	[14-03] Shares
	[35-03] Shares
D5	Square Decimeter
	Metric unit of area
	[4-03] Square Decimeter
D8	[14-03] Square Decimeter
	[35-03] Square Decimeter
	Kilogram Per Square Centimeter
D9	Unit of pressure
	[4-03] Kilogram Per Square Centimeter
	[14-03] Kilogram Per Square Centimeter
DA	[35-03] Kilogram Per Square Centimeter
	Draize Score
	[4-03] Draize Score
DB	[14-03] Draize Score
	[35-03] Draize Score
	Dyne per Square Centimeter
DA	[4-03] Dyne per Square Centimeter
	[14-03] Dyne per Square Centimeter
	[35-03] Dyne per Square Centimeter
DB	Days
	[4-03] Days
	[14-03] Days
DC	[35-03] Days
	Dry Pounds
	[4-03] Dry Pounds
DC	[14-03] Dry Pounds
	[35-03] Dry Pounds
	Disk (Disc)
DD	[4-03] Disk (Disc)
	[14-03] Disk (Disc)
	[35-03] Disk (Disc)
DE	Degree
	[4-03] Degree
	[14-03] Degree
DE	[35-03] Degree
	Deal
	[4-03] Deal
DF	[14-03] Deal
	[35-03] Deal
	Dram
DG	[4-03] Dram
	[14-03] Dram
	[35-03] Dram
DH	Decigram
	[4-03] Decigram
	[14-03] Decigram
DH	[35-03] Decigram
	Miles
	[4-03] Miles
DI	[14-03] Miles
	[35-03] Miles
	Dispenser
	[4-03] Dispenser

	[14-03] Dispenser
	[35-03] Dispenser
DJ	Decagram
	[4-03] Decagram
	[14-03] Decagram
	[35-03] Decagram
DK	Kilometers
	[4-03] Kilometers
	[14-03] Kilometers
	[35-03] Kilometers
DL	Deciliter
	[4-03] Deciliter
	[14-03] Deciliter
	[35-03] Deciliter
DM	Decimeter
	[4-03] Decimeter
	[14-03] Decimeter
	[35-03] Decimeter
DN	Deci Newton-Meter
	One tenth of a Newton-meter, representing torque. A Newton-meter represents force times distance
	[4-03] Deci Newton-Meter
	[14-03] Deci Newton-Meter
	[35-03] Deci Newton-Meter
DO	Dollars, U.S.
	[4-03] Dollars, U.S.
	[14-03] Dollars, U.S.
	[35-03] Dollars, U.S.
DP	Dozen Pair
	[4-03] Dozen Pair
	[14-03] Dozen Pair
	[35-03] Dozen Pair
DQ	Data Records
	Number of Data Records handled
	[4-03] Data Records
	[14-03] Data Records
	[35-03] Data Records
DR	Drum
	[4-03] Drum
	[14-03] Drum
	[35-03] Drum
DS	Display
	[4-03] Display
	[14-03] Display
	[35-03] Display
DT	Dry Ton
	[4-03] Dry Ton
	[14-03] Dry Ton
	[35-03] Dry Ton
DU	Dyne
	The unit of force in the cgs system equal to the force that would give a free mass of one gram an acceleration of one centimeter per second
	[4-03] Dyne
	[14-03] Dyne
	[35-03] Dyne
DW	Calendar Days
	[4-03] Calendar Days
	[14-03] Calendar Days

	[35-03] Calendar Days
DX	Dynes per Centimeter Unit of surface tension
	[4-03] Dynes per Centimeter [14-03] Dynes per Centimeter [35-03] Dynes per Centimeter
DY	Directory Books Number of directory books delivered to customer
	[4-03] Directory Books [14-03] Directory Books [35-03] Directory Books
DZ	Dozen
	[4-03] Dozen [14-03] Dozen [35-03] Dozen
E1	Hectometer A unit of metric length equal to 109.36 yards or 0.062 mile
	[4-03] Hectometer [14-03] Hectometer [35-03] Hectometer
E3	Inches, Fraction--Average
	[4-03] Inches, Fraction--Average [14-03] Inches, Fraction--Average [35-03] Inches, Fraction--Average
E4	Inches, Fraction--Minimum
	[4-03] Inches, Fraction--Minimum [14-03] Inches, Fraction--Minimum [35-03] Inches, Fraction--Minimum
E5	Inches, Fraction--Actual
	[4-03] Inches, Fraction--Actual [14-03] Inches, Fraction--Actual [35-03] Inches, Fraction--Actual
E7	Inches, Decimal--Average
	[4-03] Inches, Decimal--Average [14-03] Inches, Decimal--Average [35-03] Inches, Decimal--Average
E8	Inches, Decimal--Actual
	[4-03] Inches, Decimal--Actual [14-03] Inches, Decimal--Actual [35-03] Inches, Decimal--Actual
E9	English, (Feet, Inches)
	[4-03] English, (Feet, Inches) [14-03] English, (Feet, Inches) [35-03] English, (Feet, Inches)
EA	Each
	[4-03] Each [14-03] Each [35-03] Each
EB	Electronic Mail Boxes Number of Electronic Mail Boxes established for an account
	[4-03] Electronic Mail Boxes [14-03] Electronic Mail Boxes [35-03] Electronic Mail Boxes
EC	Each per Month
	[4-03] Each per Month [14-03] Each per Month

ED	[35-03] Each per Month Inches, Decimal--Nominal
EE	[4-03] Inches, Decimal--Nominal [14-03] Inches, Decimal--Nominal [35-03] Inches, Decimal--Nominal Employees
EF	[4-03] Employees [14-03] Employees [35-03] Employees Inches, Fraction-Nominal
EG	[4-03] Inches, Fraction-Nominal [14-03] Inches, Fraction-Nominal [35-03] Inches, Fraction-Nominal Double-time Hours
EH	[4-03] Double-time Hours [14-03] Double-time Hours [35-03] Double-time Hours Knots
EJ	[4-03] Knots [14-03] Knots [35-03] Knots Locations
EM	[4-03] Locations [14-03] Locations [35-03] Locations Inches, Decimal-Minimum
EP	[4-03] Inches, Decimal-Minimum [14-03] Inches, Decimal-Minimum [35-03] Inches, Decimal-Minimum Eleven pack
EQ	[4-03] Eleven pack [14-03] Eleven pack [35-03] Eleven pack Equivalent Gallons Represents number of gallons that syrup and concentrate make of product
EV	[4-03] Equivalent Gallons [14-03] Equivalent Gallons [35-03] Equivalent Gallons Envelope
EX	[4-03] Envelope [14-03] Envelope [35-03] Envelope Feet, Inches and Fraction
EY	[4-03] Feet, Inches and Fraction [14-03] Feet, Inches and Fraction [35-03] Feet, Inches and Fraction Feet, Inches and Decimal
EZ	[4-03] Feet, Inches and Decimal [14-03] Feet, Inches and Decimal [35-03] Feet, Inches and Decimal Feet and Decimal
F1	[4-03] Feet and Decimal [14-03] Feet and Decimal [35-03] Feet and Decimal Thousand Cubic Feet Per Day The unit of measure of the rate of production of a gas [4-03] Thousand Cubic Feet Per Day

	[14-03] Thousand Cubic Feet Per Day
	[35-03] Thousand Cubic Feet Per Day
F2	International Unit A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin
	[4-03] International Unit
	[14-03] International Unit
	[35-03] International Unit
F3	Equivalent Weight of a substance which combines with or replaces one gram atomic weight of hydrogen
	[4-03] Equivalent
	[14-03] Equivalent
	[35-03] Equivalent
F4	Minim An apothecary's fluid measure; 60 minims = 1 fluid gram (approx. 5 cc)
	[4-03] Minim
	[14-03] Minim
	[35-03] Minim
F5	MOL Gram-molecular weight of a gas
	[4-03] MOL
	[14-03] MOL
	[35-03] MOL
F6	Price Per Share
	[4-03] Price Per Share
	[14-03] Price Per Share
	[35-03] Price Per Share
F9	Fibers per Cubic Centimeter of Air
	[4-03] Fibers per Cubic Centimeter of Air
	[14-03] Fibers per Cubic Centimeter of Air
	[35-03] Fibers per Cubic Centimeter of Air
FA	Fahrenheit
	[4-03] Fahrenheit
	[14-03] Fahrenheit
	[35-03] Fahrenheit
FB	Fields
	[4-03] Fields
	[14-03] Fields
	[35-03] Fields
FC	1000 Cubic Feet
	[4-03] 1000 Cubic Feet
	[14-03] 1000 Cubic Feet
	[35-03] 1000 Cubic Feet
FD	Million Particles per Cubic Foot
	[4-03] Million Particles per Cubic Foot
	[14-03] Million Particles per Cubic Foot
	[35-03] Million Particles per Cubic Foot
FE	Track Foot Represents rails, all ties and fittings, and subgrade
	[4-03] Track Foot
	[14-03] Track Foot
	[35-03] Track Foot
FF	Hundred Cubic Meters A unit of metric volume equal to 131.0 cubic yards
	[4-03] Hundred Cubic Meters

	[14-03] Hundred Cubic Meters
	[35-03] Hundred Cubic Meters
FG	Transdermal Patch
	A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin
	[4-03] Transdermal Patch
	[14-03] Transdermal Patch
	[35-03] Transdermal Patch
FH	Micromolar
	One millionth of a mole; a mole is a standard chemical unit
	[4-03] Micromolar
	[14-03] Micromolar
	[35-03] Micromolar
FJ	Sizing Factor
	[4-03] Sizing Factor
	[14-03] Sizing Factor
	[35-03] Sizing Factor
FK	Fibers
	[4-03] Fibers
	[14-03] Fibers
	[35-03] Fibers
FL	Flake Ton
	[4-03] Flake Ton
	[14-03] Flake Ton
	[35-03] Flake Ton
FM	Million Cubic Feet
	[4-03] Million Cubic Feet
	[14-03] Million Cubic Feet
	[35-03] Million Cubic Feet
FO	Fluid Ounce
	[4-03] Fluid Ounce
	[14-03] Fluid Ounce
	[35-03] Fluid Ounce
FP	Pounds per Sq. Ft.
	[4-03] Pounds per Sq. Ft.
	[14-03] Pounds per Sq. Ft.
	[35-03] Pounds per Sq. Ft.
FR	Feet Per Minute
	Measure of linear speed
	[4-03] Feet Per Minute
	[14-03] Feet Per Minute
	[35-03] Feet Per Minute
FS	Feet Per Second
	Measure of linear speed
	[4-03] Feet Per Second
	[14-03] Feet Per Second
	[35-03] Feet Per Second
FT	Foot
	[4-03] Foot
	[14-03] Foot
	[35-03] Foot
FZ	Fluid Ounce (Imperial)
	A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters
	[4-03] Fluid Ounce (Imperial)
	[14-03] Fluid Ounce (Imperial)
	[35-03] Fluid Ounce (Imperial)

G2	U.S. Gallons Per Minute Rate of flow [4-03] U.S. Gallons Per Minute [14-03] U.S. Gallons Per Minute [35-03] U.S. Gallons Per Minute
G3	Imperial Gallons Per Minute Rate of flow [4-03] Imperial Gallons Per Minute [14-03] Imperial Gallons Per Minute [35-03] Imperial Gallons Per Minute
G4	Gigabecquerel Unit of radiation equal to 27 millicuries [4-03] Gigabecquerel [14-03] Gigabecquerel [35-03] Gigabecquerel
G5	Gill (Imperial) A unit of liquid or dry measure equal to 5 fluid ounces, 8.669 cubic inches, or 142.066 cubic centimeters [4-03] Gill (Imperial) [14-03] Gill (Imperial) [35-03] Gill (Imperial)
G7	Microfiche Sheet A film that contains photographed documents greatly reduced in size [4-03] Microfiche Sheet [14-03] Microfiche Sheet [35-03] Microfiche Sheet
GA	Gallon [4-03] Gallon [14-03] Gallon [35-03] Gallon
GB	Gallons/Day [4-03] Gallons/Day [14-03] Gallons/Day [35-03] Gallons/Day
GC	Grams per 100 Grams [4-03] Grams per 100 Grams [14-03] Grams per 100 Grams [35-03] Grams per 100 Grams
GD	Gross Barrels [4-03] Gross Barrels [14-03] Gross Barrels [35-03] Gross Barrels
GE	Pounds per Gallon [4-03] Pounds per Gallon [14-03] Pounds per Gallon [35-03] Pounds per Gallon
GF	Grams per 100 Centimeters [4-03] Grams per 100 Centimeters [14-03] Grams per 100 Centimeters [35-03] Grams per 100 Centimeters
GG	Great Gross (Dozen Gross) [4-03] Great Gross (Dozen Gross) [14-03] Great Gross (Dozen Gross) [35-03] Great Gross (Dozen Gross)
GH	Half Gallon [4-03] Half Gallon [14-03] Half Gallon

	[35-03] Half Gallon
GI	Imperial Gallons
	[4-03] Imperial Gallons
	[14-03] Imperial Gallons
	[35-03] Imperial Gallons
GJ	Grams per Milliliter
	[4-03] Grams per Milliliter
	[14-03] Grams per Milliliter
	[35-03] Grams per Milliliter
GK	Grams per Kilogram
	[4-03] Grams per Kilogram
	[14-03] Grams per Kilogram
	[35-03] Grams per Kilogram
GL	Grams per Liter
	[4-03] Grams per Liter
	[14-03] Grams per Liter
	[35-03] Grams per Liter
GM	Grams per Sq. Meter
	[4-03] Grams per Sq. Meter
	[14-03] Grams per Sq. Meter
	[35-03] Grams per Sq. Meter
GN	Gross Gallons
	[4-03] Gross Gallons
	[14-03] Gross Gallons
	[35-03] Gross Gallons
GO	Milligrams per Square Meter
	[4-03] Milligrams per Square Meter
	[14-03] Milligrams per Square Meter
	[35-03] Milligrams per Square Meter
GP	Milligrams per Cubic Meter
	[4-03] Milligrams per Cubic Meter
	[14-03] Milligrams per Cubic Meter
	[35-03] Milligrams per Cubic Meter
GQ	Micrograms per Cubic Meter
	[4-03] Micrograms per Cubic Meter
	[14-03] Micrograms per Cubic Meter
	[35-03] Micrograms per Cubic Meter
GR	Gram
	[4-03] Gram
	[14-03] Gram
	[35-03] Gram
GS	Gross
	[4-03] Gross
	[14-03] Gross
	[35-03] Gross
GT	Gross Kilogram
	Represents kilograms of product and package or container
	[4-03] Gross Kilogram
	[14-03] Gross Kilogram
	[35-03] Gross Kilogram
GU	Gauss per Oersteds
	[4-03] Gauss per Oersteds
	[14-03] Gauss per Oersteds
	[35-03] Gauss per Oersteds
GV	Gigajoules
	One billion joules; standard method of expressing absolute heating value of natural gas regardless of volume in the Canadian oil and gas industries

	[4-03] Gigajoules
	[14-03] Gigajoules
	[35-03] Gigajoules
GW	Gallons Per Thousand Cubic Feet
	[4-03] Gallons Per Thousand Cubic Feet
	[14-03] Gallons Per Thousand Cubic Feet
	[35-03] Gallons Per Thousand Cubic Feet
GX	Grain
	A small unit of weight equal to 1/480 (.002083) troy ounce, or 0.0648 gram
	[4-03] Grain
	[14-03] Grain
	[35-03] Grain
GY	Gross Yard
	[4-03] Gross Yard
	[14-03] Gross Yard
	[35-03] Gross Yard
GZ	Gage Systems
	[4-03] Gage Systems
	[14-03] Gage Systems
	[35-03] Gage Systems
H1	Half Pages - Electronic
	Number of electronic half pages of data delivered
	[4-03] Half Pages - Electronic
	[14-03] Half Pages - Electronic
	[35-03] Half Pages - Electronic
H2	Half Liter
	Unit of capacity equal to 1/2 liter
	[4-03] Half Liter
	[14-03] Half Liter
	[35-03] Half Liter
H4	Hectoliter
	Metric measure for 100 liters
	[4-03] Hectoliter
	[14-03] Hectoliter
	[35-03] Hectoliter
HA	Hank
	One hundred feet of rope
	[4-03] Hank
	[14-03] Hank
	[35-03] Hank
HB	Hundred Boxes
	[4-03] Hundred Boxes
	[14-03] Hundred Boxes
	[35-03] Hundred Boxes
HC	Hundred Count
	[4-03] Hundred Count
	[14-03] Hundred Count
	[35-03] Hundred Count
HD	Half Dozen
	[4-03] Half Dozen
	[14-03] Half Dozen
	[35-03] Half Dozen
HE	Hundredth of a Carat
	[4-03] Hundredth of a Carat
	[14-03] Hundredth of a Carat
	[35-03] Hundredth of a Carat

HF	Hundred Feet
	[4-03] Hundred Feet
	[14-03] Hundred Feet
	[35-03] Hundred Feet
HG	Hectogram
	[4-03] Hectogram
	[14-03] Hectogram
	[35-03] Hectogram
HH	Hundred Cubic Feet
	[4-03] Hundred Cubic Feet
	[14-03] Hundred Cubic Feet
	[35-03] Hundred Cubic Feet
HI	Hundred Sheets
	[4-03] Hundred Sheets
	[14-03] Hundred Sheets
	[35-03] Hundred Sheets
HJ	Horsepower
	[4-03] Horsepower
	[14-03] Horsepower
	[35-03] Horsepower
HK	Hundred Kilograms
	[4-03] Hundred Kilograms
	[14-03] Hundred Kilograms
	[35-03] Hundred Kilograms
HL	Hundred Feet - Linear
	[4-03] Hundred Feet - Linear
	[14-03] Hundred Feet - Linear
	[35-03] Hundred Feet - Linear
HM	Miles Per Hour
	[4-03] Miles Per Hour
	[14-03] Miles Per Hour
	[35-03] Miles Per Hour
HN	Millimeters of Mercury
	[4-03] Millimeters of Mercury
	[14-03] Millimeters of Mercury
	[35-03] Millimeters of Mercury
HO	Hundred Troy Ounces
	[4-03] Hundred Troy Ounces
	[14-03] Hundred Troy Ounces
	[35-03] Hundred Troy Ounces
HP	Millimeter H2O
	Unit of pressure
	[4-03] Millimeter H2O
	[14-03] Millimeter H2O
	[35-03] Millimeter H2O
HQ	Hectare
	[4-03] Hectare
	[14-03] Hectare
	[35-03] Hectare
HR	Hours
	[4-03] Hours
	[14-03] Hours
	[35-03] Hours
HS	Hundred Square Feet
	[4-03] Hundred Square Feet
	[14-03] Hundred Square Feet

	[35-03] Hundred Square Feet
HT	Half Hour
	[4-03] Half Hour
	[14-03] Half Hour
	[35-03] Half Hour
HU	Hundred
	[4-03] Hundred
	[14-03] Hundred
	[35-03] Hundred
HV	Hundred Weight (Short)
	[4-03] Hundred Weight (Short)
	[14-03] Hundred Weight (Short)
	[35-03] Hundred Weight (Short)
HW	Hundred Weight (Long)
	[4-03] Hundred Weight (Long)
	[14-03] Hundred Weight (Long)
	[35-03] Hundred Weight (Long)
HY	Hundred Yards
	[4-03] Hundred Yards
	[14-03] Hundred Yards
	[35-03] Hundred Yards
HZ	Hertz
	[4-03] Hertz
	[14-03] Hertz
	[35-03] Hertz
IA	Inch Pound
	Unit of torque
	[4-03] Inch Pound
	[14-03] Inch Pound
	[35-03] Inch Pound
IB	Inches Per Second (Vibration Velocity)
	Measure of vibration velocity
	[4-03] Inches Per Second (Vibration Velocity)
	[14-03] Inches Per Second (Vibration Velocity)
	[35-03] Inches Per Second (Vibration Velocity)
IC	Counts per Inch
	[4-03] Counts per Inch
	[14-03] Counts per Inch
	[35-03] Counts per Inch
IE	Person
	[4-03] Person
	[14-03] Person
	[35-03] Person
IF	Inches of Water
	The maximum differential pressure for which a given meter will measure accurately and is expressed in inches of water
	[4-03] Inches of Water
	[14-03] Inches of Water
	[35-03] Inches of Water
IH	Inhaler
	Metered-dose pressurized method of getting medication into the lungs or nasal passages
	[4-03] Inhaler
	[14-03] Inhaler
	[35-03] Inhaler

II	Column-Inches A unit of area one column wide and one inch high [4-03] Column-Inches [14-03] Column-Inches [35-03] Column-Inches
IK	Peaks per Inch (PPI) [4-03] Peaks per Inch (PPI) [14-03] Peaks per Inch (PPI) [35-03] Peaks per Inch (PPI)
IL	Inches per Minute [4-03] Inches per Minute [14-03] Inches per Minute [35-03] Inches per Minute
IM	Impressions [4-03] Impressions [14-03] Impressions [35-03] Impressions
IN	Inch [4-03] Inch [14-03] Inch [35-03] Inch
IP	Insurance Policy An individual insurance contract [4-03] Insurance Policy [14-03] Insurance Policy [35-03] Insurance Policy
IT	Counts per Centimeter [4-03] Counts per Centimeter [14-03] Counts per Centimeter [35-03] Counts per Centimeter
IU	Inches Per Second (Linear Speed) Measure of linear speed [4-03] Inches Per Second (Linear Speed) [14-03] Inches Per Second (Linear Speed) [35-03] Inches Per Second (Linear Speed)
IV	Inches Per Second Per Second (Acceleration) Measure of acceleration [4-03] Inches Per Second Per Second (Acceleration) [14-03] Inches Per Second Per Second (Acceleration) [35-03] Inches Per Second Per Second (Acceleration)
IW	Inches Per Second Per Second (Vibration Acceleration) Measure of vibration acceleration [4-03] Inches Per Second Per Second (Vibration Acceleration) [14-03] Inches Per Second Per Second (Vibration Acceleration) [35-03] Inches Per Second Per Second (Vibration Acceleration)
J2	Joule Per Kilogram Measure of specific energy [4-03] Joule Per Kilogram [14-03] Joule Per Kilogram [35-03] Joule Per Kilogram
JA	Job [4-03] Job [14-03] Job

	[35-03] Job
JB	Jumbo
	[4-03] Jumbo
	[14-03] Jumbo
	[35-03] Jumbo
JE	Joule Per Kelvin
	Measure of heat capacity
	[4-03] Joule Per Kelvin
	[14-03] Joule Per Kelvin
	[35-03] Joule Per Kelvin
JG	Joule per Gram
	Joule is unit of energy and gram is unit of mass
	[4-03] Joule per Gram
	[14-03] Joule per Gram
	[35-03] Joule per Gram
JK	Mega Joule per Kilogram
	"Mega" means "millions" and "kilo" means "thousands"
	[4-03] Mega Joule per Kilogram
	[14-03] Mega Joule per Kilogram
	[35-03] Mega Joule per Kilogram
JM	Megajoule/Cubic Meter
	A megajoule is one million joules; conventional measurements for expressing the heating value available in a given volume of gas
	[4-03] Megajoule/Cubic Meter
	[14-03] Megajoule/Cubic Meter
	[35-03] Megajoule/Cubic Meter
JO	Joint
	[4-03] Joint
	[14-03] Joint
	[35-03] Joint
JR	Jar
	[4-03] Jar
	[14-03] Jar
	[35-03] Jar
JU	Jug
	[4-03] Jug
	[14-03] Jug
	[35-03] Jug
K1	Kilowatt Demand
	Represents potential power load measured at predetermined intervals
	[4-03] Kilowatt Demand
	[14-03] Kilowatt Demand
	[35-03] Kilowatt Demand
K2	Kilovolt Amperes Reactive Demand
	Reactive power that must be supplied for specific types of customer's equipment; billable when kilowatt demand usage meets or exceeds a defined parameter
	[4-03] Kilovolt Amperes Reactive Demand
	[14-03] Kilovolt Amperes Reactive Demand
	[35-03] Kilovolt Amperes Reactive Demand
K3	Kilovolt Amperes Reactive Hour
	Represents actual electricity equivalent to kilowatt hours; billable when usage meets or exceeds defined parameters
	[4-03] Kilovolt Amperes Reactive Hour
	[14-03] Kilovolt Amperes Reactive Hour
	[35-03] Kilovolt Amperes Reactive Hour

K4	Kilovolt Amperes Measure of electrical power [4-03] Kilovolt Amperes [14-03] Kilovolt Amperes [35-03] Kilovolt Amperes
K5	Kilovolt Amperes Reactive Measure of electrical power [4-03] Kilovolt Amperes Reactive [14-03] Kilovolt Amperes Reactive [35-03] Kilovolt Amperes Reactive
K6	Kiloliter One thousand liters [4-03] Kiloliter [14-03] Kiloliter [35-03] Kiloliter
K7	Kilowatt Measure of electrical power [4-03] Kilowatt [14-03] Kilowatt [35-03] Kilowatt
K9	Kilograms per Millimeter Squared (KG/MM2) [4-03] Kilograms per Millimeter Squared (KG/MM2) [14-03] Kilograms per Millimeter Squared (KG/MM2) [35-03] Kilograms per Millimeter Squared (KG/MM2)
KA	Cake [4-03] Cake [14-03] Cake [35-03] Cake
KB	Kilocharacters Kilocharacters of data transmitted [4-03] Kilocharacters [14-03] Kilocharacters [35-03] Kilocharacters
KC	Kilograms per Cubic Meter [4-03] Kilograms per Cubic Meter [14-03] Kilograms per Cubic Meter [35-03] Kilograms per Cubic Meter
KD	Kilograms Decimal [4-03] Kilograms Decimal [14-03] Kilograms Decimal [35-03] Kilograms Decimal
KE	Keg A unit of weight equal to 100 pounds, used for nails [4-03] Keg [14-03] Keg [35-03] Keg
KF	Kilopackets Kilopackets of data transmitted [4-03] Kilopackets [14-03] Kilopackets [35-03] Kilopackets
KG	Kilogram [4-03] Kilogram [14-03] Kilogram [35-03] Kilogram
KH	Kilowatt Hour [4-03] Kilowatt Hour

	[14-03] Kilowatt Hour
	[35-03] Kilowatt Hour
KI	Kilograms/Millimeter Width
	[4-03] Kilograms/Millimeter Width
	[14-03] Kilograms/Millimeter Width
	[35-03] Kilograms/Millimeter Width
KJ	Kilosegments
	Kilosegments of data transmitted
	[4-03] Kilosegments
	[14-03] Kilosegments
	[35-03] Kilosegments
KK	100 Kilograms
	[4-03] 100 Kilograms
	[14-03] 100 Kilograms
	[35-03] 100 Kilograms
KL	Kilograms/Meter
	[4-03] Kilograms/Meter
	[14-03] Kilograms/Meter
	[35-03] Kilograms/Meter
KM	Kilograms per Square Meter, Kilograms, Decimal
	[4-03] Kilograms per Square Meter, Kilograms, Decimal
	[14-03] Kilograms per Square Meter, Kilograms, Decimal
	[35-03] Kilograms per Square Meter, Kilograms, Decimal
KO	Millequivalence Caustic Potash per Gram of Product
	Acid number and saponification number test results have a unit of measure of Millequivalence KOH per Gram
	[4-03] Millequivalence Caustic Potash per Gram of Product
	[14-03] Millequivalence Caustic Potash per Gram of Product
	[35-03] Millequivalence Caustic Potash per Gram of Product
KP	Kilometers Per Hour
	[4-03] Kilometers Per Hour
	[14-03] Kilometers Per Hour
	[35-03] Kilometers Per Hour
KQ	Kilopascal
	Represents pressure
	[4-03] Kilopascal
	[14-03] Kilopascal
	[35-03] Kilopascal
KR	Kiloroentgen
	Measure of radiation
	[4-03] Kiloroentgen
	[14-03] Kiloroentgen
	[35-03] Kiloroentgen
KS	1000 Pounds per Square Inch
	[4-03] 1000 Pounds per Square Inch
	[14-03] 1000 Pounds per Square Inch
	[35-03] 1000 Pounds per Square Inch
KT	Kit
	[4-03] Kit
	[14-03] Kit
	[35-03] Kit

KU	Task
	[4-03] Task
	[14-03] Task
	[35-03] Task
KV	Kelvin
	[4-03] Kelvin
	[14-03] Kelvin
	[35-03] Kelvin
KW	Kilograms per Millimeter
	[4-03] Kilograms per Millimeter
	[14-03] Kilograms per Millimeter
	[35-03] Kilograms per Millimeter
KX	Milliliters per Kilogram
	[4-03] Milliliters per Kilogram
	[14-03] Milliliters per Kilogram
	[35-03] Milliliters per Kilogram
L2	Liters Per Minute
	Measure of the rate of flow
	[4-03] Liters Per Minute
	[14-03] Liters Per Minute
	[35-03] Liters Per Minute
LA	Pounds Per Cubic Inch
	[4-03] Pounds Per Cubic Inch
	[14-03] Pounds Per Cubic Inch
	[35-03] Pounds Per Cubic Inch
LB	Pound
	[4-03] Pound
	[14-03] Pound
	[35-03] Pound
LC	Linear Centimeter
	[4-03] Linear Centimeter
	[14-03] Linear Centimeter
	[35-03] Linear Centimeter
LE	Lite
	[4-03] Lite
	[14-03] Lite
	[35-03] Lite
LF	Linear Foot
	[4-03] Linear Foot
	[14-03] Linear Foot
	[35-03] Linear Foot
LG	Long Ton
	2240 pounds as used in the U.K.
	[4-03] Long Ton
	[14-03] Long Ton
	[35-03] Long Ton
LH	Labor Hours
	[4-03] Labor Hours
	[14-03] Labor Hours
	[35-03] Labor Hours
LI	Linear Inch
	[4-03] Linear Inch
	[14-03] Linear Inch
	[35-03] Linear Inch
LJ	Large Spray
	[4-03] Large Spray

	[14-03] Large Spray
	[35-03] Large Spray
LK	Link
	[4-03] Link
	[14-03] Link
	[35-03] Link
LL	Lifetime
	A duration ending with the death of the individual
	[4-03] Lifetime
	[14-03] Lifetime
	[35-03] Lifetime
LM	Linear Meter
	[4-03] Linear Meter
	[14-03] Linear Meter
	[35-03] Linear Meter
LN	Length
	[4-03] Length
	[14-03] Length
	[35-03] Length
LO	Lot
	[4-03] Lot
	[14-03] Lot
	[35-03] Lot
LP	Liquid Pounds
	[4-03] Liquid Pounds
	[14-03] Liquid Pounds
	[35-03] Liquid Pounds
LQ	Liters Per Day
	Measure of liquid flow over a given time period
	[4-03] Liters Per Day
	[14-03] Liters Per Day
	[35-03] Liters Per Day
LR	Layer(s)
	[4-03] Layer(s)
	[14-03] Layer(s)
	[35-03] Layer(s)
LS	Lump Sum
	[4-03] Lump Sum
	[14-03] Lump Sum
	[35-03] Lump Sum
LT	Liter
	[4-03] Liter
	[14-03] Liter
	[35-03] Liter
LX	Linear Yards Per Pound
	[4-03] Linear Yards Per Pound
	[14-03] Linear Yards Per Pound
	[35-03] Linear Yards Per Pound
LY	Linear Yard
	[4-03] Linear Yard
	[14-03] Linear Yard
	[35-03] Linear Yard
M0	Magnetic Tapes
	Number of Magnetic Tapes delivered with data
	[4-03] Magnetic Tapes
	[14-03] Magnetic Tapes
	[35-03] Magnetic Tapes

M1	Milligrams per Liter
	[4-03] Milligrams per Liter
	[14-03] Milligrams per Liter
	[35-03] Milligrams per Liter
M2	Millimeter-Actual
	[4-03] Millimeter-Actual
	[14-03] Millimeter-Actual
	[35-03] Millimeter-Actual
M3	Mat
	[4-03] Mat
	[14-03] Mat
	[35-03] Mat
M4	Monetary Value
	[4-03] Monetary Value
	[14-03] Monetary Value
	[35-03] Monetary Value
M5	Microcurie
	[4-03] Microcurie
	[14-03] Microcurie
	[35-03] Microcurie
M6	Millibar
	[4-03] Millibar
	[14-03] Millibar
	[35-03] Millibar
M7	Micro Inch
	[4-03] Micro Inch
	[14-03] Micro Inch
	[35-03] Micro Inch
M8	Mega Pascals
	[4-03] Mega Pascals
	[14-03] Mega Pascals
	[35-03] Mega Pascals
M9	Million British Thermal Units per One Thousand Cubic Feet
	Represents conversion from a volume of gas to the heat value of the gas
	[4-03] Million British Thermal Units per One Thousand Cubic Feet
	[14-03] Million British Thermal Units per One Thousand Cubic Feet
	[35-03] Million British Thermal Units per One Thousand Cubic Feet
MA	Machine/Unit
	[4-03] Machine/Unit
	[14-03] Machine/Unit
	[35-03] Machine/Unit
MB	Millimeter-Nominal
	[4-03] Millimeter-Nominal
	[14-03] Millimeter-Nominal
	[35-03] Millimeter-Nominal
MC	Microgram
	[4-03] Microgram
	[14-03] Microgram
	[35-03] Microgram
MD	Air Dry Metric Ton
	[4-03] Air Dry Metric Ton
	[14-03] Air Dry Metric Ton

ME	[35-03] Air Dry Metric Ton
	Milligram
	[4-03] Milligram
	[14-03] Milligram
MF	[35-03] Milligram
	Milligram per Sq. Ft. per Side
	[4-03] Milligram per Sq. Ft. per Side
	[14-03] Milligram per Sq. Ft. per Side
MG	[35-03] Milligram per Sq. Ft. per Side
	Metric Gross Ton
	[4-03] Metric Gross Ton
	[14-03] Metric Gross Ton
MH	[35-03] Metric Gross Ton
	Microns (Micrometers)
	1/1,000,000 meter
	[4-03] Microns (Micrometers)
MI	[14-03] Microns (Micrometers)
	Metric
	[4-03] Metric
	[14-03] Metric
MJ	[35-03] Metric
	Minutes
	[4-03] Minutes
	[14-03] Minutes
MK	[35-03] Minutes
	Milligrams Per Square Inch
	[4-03] Milligrams Per Square Inch
	[14-03] Milligrams Per Square Inch
ML	[35-03] Milligrams Per Square Inch
	Milliliter
	[4-03] Milliliter
	[14-03] Milliliter
MM	[35-03] Milliliter
	Millimeter
	[4-03] Millimeter
	[14-03] Millimeter
MN	[35-03] Millimeter
	Metric Net Ton
	[4-03] Metric Net Ton
	[14-03] Metric Net Ton
MO	[35-03] Metric Net Ton
	Months
	[4-03] Months
	[14-03] Months
MP	[35-03] Months
	Metric Ton
	[4-03] Metric Ton
	[14-03] Metric Ton
MQ	[35-03] Metric Ton
	1000 Meters
	[4-03] 1000 Meters
	[14-03] 1000 Meters
MR	[35-03] 1000 Meters
	Meter
	[4-03] Meter
	[14-03] Meter
	[35-03] Meter

MS	Square Millimeter [4-03] Square Millimeter [14-03] Square Millimeter [35-03] Square Millimeter
MT	Metric Long Ton [4-03] Metric Long Ton [14-03] Metric Long Ton [35-03] Metric Long Ton
MU	Millicurie [4-03] Millicurie [14-03] Millicurie [35-03] Millicurie
MV	Number of Mults [4-03] Number of Mults [14-03] Number of Mults [35-03] Number of Mults
MW	Metric Ton Kilograms [4-03] Metric Ton Kilograms [14-03] Metric Ton Kilograms [35-03] Metric Ton Kilograms
MX	Mixed [4-03] Mixed [14-03] Mixed [35-03] Mixed
MY	Millimeter-Average [4-03] Millimeter-Average [14-03] Millimeter-Average [35-03] Millimeter-Average
MZ	Millimeter-minimum [4-03] Millimeter-minimum [14-03] Millimeter-minimum [35-03] Millimeter-minimum
N1	Pen Calories Daily calories prescribed to be taken for parenteral/enteral therapy [4-03] Pen Calories [14-03] Pen Calories [35-03] Pen Calories
N2	Number of Lines [4-03] Number of Lines [14-03] Number of Lines [35-03] Number of Lines
N3	Print Point A print point is approximately .0138" [4-03] Print Point [14-03] Print Point [35-03] Print Point
N4	Pen Grams (Protein) Grams of amino acids prescribed to be taken for parenteral/enteral therapy [4-03] Pen Grams (Protein) [14-03] Pen Grams (Protein) [35-03] Pen Grams (Protein)
N6	Megahertz One million cycles per second [4-03] Megahertz [14-03] Megahertz [35-03] Megahertz

N7	Parts [4-03] Parts [14-03] Parts [35-03] Parts
N9	Cartridge Needle Used with auto-injector units only, a disposable, filled cartridge that includes a needle [4-03] Cartridge Needle [14-03] Cartridge Needle [35-03] Cartridge Needle
NA	Milligrams per Kilogram [4-03] Milligrams per Kilogram [14-03] Milligrams per Kilogram [35-03] Milligrams per Kilogram
NB	Barge [4-03] Barge [14-03] Barge [35-03] Barge
NC	Car [4-03] Car [14-03] Car [35-03] Car
ND	Net Barrels [4-03] Net Barrels [14-03] Net Barrels [35-03] Net Barrels
NE	Net Liters [4-03] Net Liters [14-03] Net Liters [35-03] Net Liters
NF	Messages Number of Messages transmitted, or delivered [4-03] Messages [14-03] Messages [35-03] Messages
NG	Net Gallons [4-03] Net Gallons [14-03] Net Gallons [35-03] Net Gallons
NH	Message Hours Number of hours used, calculated at some rate basis such as Minutes/message carried [4-03] Message Hours [14-03] Message Hours [35-03] Message Hours
NI	Net Imperial Gallons [4-03] Net Imperial Gallons [14-03] Net Imperial Gallons [35-03] Net Imperial Gallons
NJ	Number of Screens Number of data screens handled, or transmitted [4-03] Number of Screens [14-03] Number of Screens [35-03] Number of Screens
NL	Load [4-03] Load [14-03] Load [35-03] Load

NM	Nautical Mile [4-03] Nautical Mile [14-03] Nautical Mile [35-03] Nautical Mile
NN	Train [4-03] Train [14-03] Train [35-03] Train
NQ	Mho The basic unit of electrical conductivity, having a unity value when one ampere of current flows through a conductor to which a one volt difference in electrical potential is applied [4-03] Mho [14-03] Mho [35-03] Mho
NR	Micro Mho The typical unit of electrical conductivity measurement - one millionth of an Mho [4-03] Micro Mho [14-03] Micro Mho [35-03] Micro Mho
NS	Short Ton Two thousand pounds [4-03] Short Ton [14-03] Short Ton [35-03] Short Ton
NT	Trailer [4-03] Trailer [14-03] Trailer [35-03] Trailer
NU	Newton-Meter Unit of energy or torque [4-03] Newton-Meter [14-03] Newton-Meter [35-03] Newton-Meter
NV	Vehicle [4-03] Vehicle [14-03] Vehicle [35-03] Vehicle
NW	Newton Represents force in the International Metric System (SI); equal to the force that produces an acceleration of 1 meter per second on a mass of 1 kilogram [4-03] Newton [14-03] Newton [35-03] Newton
NX	Parts Per Thousand [4-03] Parts Per Thousand [14-03] Parts Per Thousand [35-03] Parts Per Thousand
NY	Pounds Per Air-Dry Metric Ton A measure of chemical addition rate during manufacture and product constituent analysis [4-03] Pounds Per Air-Dry Metric Ton [14-03] Pounds Per Air-Dry Metric Ton [35-03] Pounds Per Air-Dry Metric Ton

OA	Panel [4-03] Panel [14-03] Panel [35-03] Panel
OC	Billboard [4-03] Billboard [14-03] Billboard [35-03] Billboard
ON	Ounces per Square Yard [4-03] Ounces per Square Yard [14-03] Ounces per Square Yard [35-03] Ounces per Square Yard
OP	Two pack [4-03] Two pack [14-03] Two pack [35-03] Two pack
OT	Overtime Hours [4-03] Overtime Hours [14-03] Overtime Hours [35-03] Overtime Hours
OZ	Ounce - Av [4-03] Ounce - Av [14-03] Ounce - Av [35-03] Ounce - Av
P0	Pages - Electronic Number of electronic pages of data delivered [4-03] Pages - Electronic [14-03] Pages - Electronic [35-03] Pages - Electronic
P1	Percent [4-03] Percent [14-03] Percent [35-03] Percent
P2	Pounds per Foot [4-03] Pounds per Foot [14-03] Pounds per Foot [35-03] Pounds per Foot
P3	Three pack [4-03] Three pack [14-03] Three pack [35-03] Three pack
P4	Four-pack [4-03] Four-pack [14-03] Four-pack [35-03] Four-pack
P5	Five-pack [4-03] Five-pack [14-03] Five-pack [35-03] Five-pack
P6	Six pack [4-03] Six pack [14-03] Six pack [35-03] Six pack
P7	Seven pack [4-03] Seven pack [14-03] Seven pack

P8	[35-03] Seven pack Eight-pack
P9	[4-03] Eight-pack [14-03] Eight-pack [35-03] Eight-pack Nine pack
PA	[4-03] Nine pack [14-03] Nine pack [35-03] Nine pack Pail
PB	[4-03] Pail [14-03] Pail [35-03] Pail Pair Inches
PC	[4-03] Pair Inches [14-03] Pair Inches [35-03] Pair Inches Piece
PD	[4-03] Piece [14-03] Piece [35-03] Piece Pad
PE	[4-03] Pad [14-03] Pad [35-03] Pad Pounds Equivalent
PF	[4-03] Pounds Equivalent [14-03] Pounds Equivalent [35-03] Pounds Equivalent Pallet (Lift)
PG	[4-03] Pallet (Lift) [14-03] Pallet (Lift) [35-03] Pallet (Lift) Pounds Gross
PH	[4-03] Pounds Gross [14-03] Pounds Gross [35-03] Pounds Gross Pack (PAK)
PI	[4-03] Pack (PAK) [14-03] Pack (PAK) [35-03] Pack (PAK) Pitch
PJ	[4-03] Pitch [14-03] Pitch [35-03] Pitch Pounds, Decimal - Pounds per Square Foot - Pound Gage
PK	[4-03] Pounds, Decimal - Pounds per Square Foot - Pound Gage [14-03] Pounds, Decimal - Pounds per Square Foot - Pound Gage [35-03] Pounds, Decimal - Pounds per Square Foot - Pound Gage Package
PL	[4-03] Package [14-03] Package [35-03] Package Pallet/Unit Load
	[4-03] Pallet/Unit Load [14-03] Pallet/Unit Load

PM	[35-03] Pallet/Unit Load
	Pounds-Percentage
PN	[4-03] Pounds-Percentage
	[14-03] Pounds-Percentage
	[35-03] Pounds-Percentage
	Pounds Net
PO	[4-03] Pounds Net
	[14-03] Pounds Net
	[35-03] Pounds Net
	Pounds per Inch of Length
PP	[4-03] Pounds per Inch of Length
	[14-03] Pounds per Inch of Length
	[35-03] Pounds per Inch of Length
	Plate
PQ	[4-03] Plate
	[14-03] Plate
	[35-03] Plate
	Pages per Inch
PR	[4-03] Pages per Inch
	[14-03] Pages per Inch
	[35-03] Pages per Inch
	Pair
PS	[4-03] Pair
	[14-03] Pair
	[35-03] Pair
	Pounds per Sq. Inch
PT	[4-03] Pounds per Sq. Inch
	[14-03] Pounds per Sq. Inch
	[35-03] Pounds per Sq. Inch
	Pint
PU	[4-03] Pint
	[14-03] Pint
	[35-03] Pint
	Mass Pounds
PV	[4-03] Mass Pounds
	[14-03] Mass Pounds
	[35-03] Mass Pounds
	Half Pint
PW	[4-03] Half Pint
	[14-03] Half Pint
	[35-03] Half Pint
	Pounds per Inch of Width
PX	[4-03] Pounds per Inch of Width
	[14-03] Pounds per Inch of Width
	[35-03] Pounds per Inch of Width
	Pint, Imperial
PY	[4-03] Pint, Imperial
	[14-03] Pint, Imperial
	[35-03] Pint, Imperial
	Peck, Dry U.S.
PZ	[4-03] Peck, Dry U.S.
	[14-03] Peck, Dry U.S.
	[35-03] Peck, Dry U.S.
	Peck, Dry Imperial
	[4-03] Peck, Dry Imperial
	[14-03] Peck, Dry Imperial
	[35-03] Peck, Dry Imperial

Q1	Quarter (Time) [4-03] Quarter (Time) [14-03] Quarter (Time) [35-03] Quarter (Time)
Q2	Pint U.S. Dry Volume equal to 33.6003125 cubic inches [4-03] Pint U.S. Dry [14-03] Pint U.S. Dry [35-03] Pint U.S. Dry
Q3	Meal A group of food items packaged together for human consumption [4-03] Meal [14-03] Meal [35-03] Meal
Q4	Fifty A unit of issue in which a group of 50 items are consolidated and measured as a single entity [4-03] Fifty [14-03] Fifty [35-03] Fifty
Q5	Twenty-Five A unit of issue in which a group of 25 items are consolidated and measured as a single entity [4-03] Twenty-Five [14-03] Twenty-Five [35-03] Twenty-Five
Q6	Thirty-Six A unit of issue in which a group of 36 items are consolidated and measured as a single entity [4-03] Thirty-Six [14-03] Thirty-Six [35-03] Thirty-Six
Q7	Twenty-Four A unit of issue in which a group of 24 items are consolidated and measured as a single entity [4-03] Twenty-Four [14-03] Twenty-Four [35-03] Twenty-Four
QA	Pages - Facsimile Number of FAX pages transmitted [4-03] Pages - Facsimile [14-03] Pages - Facsimile [35-03] Pages - Facsimile
QB	Pages - Hardcopy Number of printed pages delivered [4-03] Pages - Hardcopy [14-03] Pages - Hardcopy [35-03] Pages - Hardcopy
QC	Channel [4-03] Channel [14-03] Channel [35-03] Channel
QD	Quarter Dozen [4-03] Quarter Dozen [14-03] Quarter Dozen

	[35-03] Quarter Dozen
QE	Photographs
	[4-03] Photographs
	[14-03] Photographs
	[35-03] Photographs
QH	Quarter Hours
	Number of 15 minute increments of usage handled
	[4-03] Quarter Hours
	[14-03] Quarter Hours
	[35-03] Quarter Hours
QK	Quarter Kilogram
	A unit of metric weight equal to 250 grams
	[4-03] Quarter Kilogram
	[14-03] Quarter Kilogram
	[35-03] Quarter Kilogram
QR	Quire
	[4-03] Quire
	[14-03] Quire
	[35-03] Quire
QS	Quart, Dry U.S.
	[4-03] Quart, Dry U.S.
	[14-03] Quart, Dry U.S.
	[35-03] Quart, Dry U.S.
QT	Quart
	[4-03] Quart
	[14-03] Quart
	[35-03] Quart
QU	Quart, Imperial
	[4-03] Quart, Imperial
	[14-03] Quart, Imperial
	[35-03] Quart, Imperial
R1	Pica
	Approximately .166 inches measured from the top of the ascender (the upward stroke in a lowercase letter, such as "t") to the bottom of the descender (the downward stroke in a lowercase letter, such as "p"); twelve points equal one pica; six picas equal approximately one inch (.996)
	[4-03] Pica
	[14-03] Pica
	[35-03] Pica
R2	Becquerel
	Unit of radiation equal to $3.7 \times 10^{10}$ of a curie
	[4-03] Becquerel
	[14-03] Becquerel
	[35-03] Becquerel
R3	Revolutions Per Minute
	[4-03] Revolutions Per Minute
	[14-03] Revolutions Per Minute
	[35-03] Revolutions Per Minute
R4	Calorie
	The amount of heat it takes to raise the temperature of one gram of water one degree Centigrade at a pressure of one atmosphere
	[4-03] Calorie
	[14-03] Calorie
	[35-03] Calorie
R5	Thousands of Dollars
	[4-03] Thousands of Dollars

	[14-03] Thousands of Dollars
	[35-03] Thousands of Dollars
R6	Millions of Dollars
	[4-03] Millions of Dollars
	[14-03] Millions of Dollars
	[35-03] Millions of Dollars
R7	Billions of Dollars
	[4-03] Billions of Dollars
	[14-03] Billions of Dollars
	[35-03] Billions of Dollars
R8	Roentgen Equivalent in Man (REM)
	[4-03] Roentgen Equivalent in Man (REM)
	[14-03] Roentgen Equivalent in Man (REM)
	[35-03] Roentgen Equivalent in Man (REM)
R9	Thousand Cubic Meters
	[4-03] Thousand Cubic Meters
	[14-03] Thousand Cubic Meters
	[35-03] Thousand Cubic Meters
RA	Rack
	[4-03] Rack
	[14-03] Rack
	[35-03] Rack
RB	Radian
	[4-03] Radian
	[14-03] Radian
	[35-03] Radian
RC	Rod (area) - 16.25 Square Yards
	[4-03] Rod (area) - 16.25 Square Yards
	[14-03] Rod (area) - 16.25 Square Yards
	[35-03] Rod (area) - 16.25 Square Yards
RD	Rod (length) - 5.5 Yards
	[4-03] Rod (length) - 5.5 Yards
	[14-03] Rod (length) - 5.5 Yards
	[35-03] Rod (length) - 5.5 Yards
RE	Reel
	[4-03] Reel
	[14-03] Reel
	[35-03] Reel
RG	Ring
	[4-03] Ring
	[14-03] Ring
	[35-03] Ring
RH	Running or Operating Hours
	Measure of accumulated time of machine or piece of equipment has been running
	[4-03] Running or Operating Hours
	[14-03] Running or Operating Hours
	[35-03] Running or Operating Hours
RK	Roll-Metric Measure
	[4-03] Roll-Metric Measure
	[14-03] Roll-Metric Measure
	[35-03] Roll-Metric Measure
RL	Roll
	[4-03] Roll
	[14-03] Roll
	[35-03] Roll
RM	Ream
	[4-03] Ream
	[14-03] Ream

RN	[35-03] Ream Ream-Metric Measure
	[4-03] Ream-Metric Measure [14-03] Ream-Metric Measure [35-03] Ream-Metric Measure
RO	Round
	[4-03] Round [14-03] Round [35-03] Round
RP	Pounds per Ream
	[4-03] Pounds per Ream [14-03] Pounds per Ream [35-03] Pounds per Ream
RS	Resets
	Number of times a transmission is reset due to line drop, interrupt, etc. [4-03] Resets [14-03] Resets [35-03] Resets
RT	Revenue Ton Miles
	One ton of revenue-generating freight moving one mile [4-03] Revenue Ton Miles [14-03] Revenue Ton Miles [35-03] Revenue Ton Miles
RU	Run
	[4-03] Run [14-03] Run [35-03] Run
S1	Semester
	[4-03] Semester [14-03] Semester [35-03] Semester
S2	Trimester
	[4-03] Trimester [14-03] Trimester [35-03] Trimester
S3	Square Feet per Second
	[4-03] Square Feet per Second [14-03] Square Feet per Second [35-03] Square Feet per Second
S4	Square Meters per Second
	[4-03] Square Meters per Second [14-03] Square Meters per Second [35-03] Square Meters per Second
S5	Sixty-fourths of an Inch
	[4-03] Sixty-fourths of an Inch [14-03] Sixty-fourths of an Inch [35-03] Sixty-fourths of an Inch
S6	Sessions
	Number of interactive sessions handled [4-03] Sessions [14-03] Sessions [35-03] Sessions
S7	Storage Units
	Number of storage increments used [4-03] Storage Units [14-03] Storage Units [35-03] Storage Units

S8	Standard Advertising Units (SAUs) A predefined partition of advertising page consisting of column-inch multiples [4-03] Standard Advertising Units (SAUs) [14-03] Standard Advertising Units (SAUs) [35-03] Standard Advertising Units (SAUs)
S9	Slip Sheet A cardboard platform used for holding product for storage or transportation [4-03] Slip Sheet [14-03] Slip Sheet [35-03] Slip Sheet
SA	Sandwich [4-03] Sandwich [14-03] Sandwich [35-03] Sandwich
SB	Square Mile [4-03] Square Mile [14-03] Square Mile [35-03] Square Mile
SC	Square Centimeter [4-03] Square Centimeter [14-03] Square Centimeter [35-03] Square Centimeter
SD	Solid Pounds [4-03] Solid Pounds [14-03] Solid Pounds [35-03] Solid Pounds
SE	Section 640 acres or one square mile [4-03] Section [14-03] Section [35-03] Section
SF	Square Foot [4-03] Square Foot [14-03] Square Foot [35-03] Square Foot
SG	Segment [4-03] Segment [14-03] Segment [35-03] Segment
SH	Sheet [4-03] Sheet [14-03] Sheet [35-03] Sheet
SI	Square Inch [4-03] Square Inch [14-03] Square Inch [35-03] Square Inch
SJ	Sack [4-03] Sack [14-03] Sack [35-03] Sack
SK	Split Tanktruck [4-03] Split Tanktruck [14-03] Split Tanktruck [35-03] Split Tanktruck

SL	Sleeve
	[4-03] Sleeve
	[14-03] Sleeve
	[35-03] Sleeve
SM	Square Meter
	[4-03] Square Meter
	[14-03] Square Meter
	[35-03] Square Meter
SN	Square Rod
	[4-03] Square Rod
	[14-03] Square Rod
	[35-03] Square Rod
SO	Spool
	[4-03] Spool
	[14-03] Spool
	[35-03] Spool
SP	Shelf Package
	[4-03] Shelf Package
	[14-03] Shelf Package
	[35-03] Shelf Package
SQ	Square
	A unit of measure for roofing materials equal to 100 square feet
	[4-03] Square
	[14-03] Square
	[35-03] Square
SR	Strip
	[4-03] Strip
	[14-03] Strip
	[35-03] Strip
SS	Sheet-Metric Measure
	[4-03] Sheet-Metric Measure
	[14-03] Sheet-Metric Measure
	[35-03] Sheet-Metric Measure
ST	Set
	[4-03] Set
	[14-03] Set
	[35-03] Set
SV	Skid
	[4-03] Skid
	[14-03] Skid
	[35-03] Skid
SW	Skein
	[4-03] Skein
	[14-03] Skein
	[35-03] Skein
SX	Shipment
	[4-03] Shipment
	[14-03] Shipment
	[35-03] Shipment
SY	Square Yard
	[4-03] Square Yard
	[14-03] Square Yard
	[35-03] Square Yard

SZ	Syringe Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle [4-03] Syringe [14-03] Syringe [35-03] Syringe
T0	Telecommunications Lines in Service Snapshot sample of lines in service [4-03] Telecommunications Lines in Service [14-03] Telecommunications Lines in Service [35-03] Telecommunications Lines in Service
T1	Thousand pounds gross [4-03] Thousand pounds gross [14-03] Thousand pounds gross [35-03] Thousand pounds gross
T2	Thousandths of an Inch [4-03] Thousandths of an Inch [14-03] Thousandths of an Inch [35-03] Thousandths of an Inch
T3	Thousand Pieces [4-03] Thousand Pieces [14-03] Thousand Pieces [35-03] Thousand Pieces
T4	Thousand Bags [4-03] Thousand Bags [14-03] Thousand Bags [35-03] Thousand Bags
T5	Thousand Casings [4-03] Thousand Casings [14-03] Thousand Casings [35-03] Thousand Casings
T6	Thousand Gallons [4-03] Thousand Gallons [14-03] Thousand Gallons [35-03] Thousand Gallons
T7	Thousand Impressions [4-03] Thousand Impressions [14-03] Thousand Impressions [35-03] Thousand Impressions
T8	Thousand Linear Inches [4-03] Thousand Linear Inches [14-03] Thousand Linear Inches [35-03] Thousand Linear Inches
T9	Thousand Kilowatt Hours [4-03] Thousand Kilowatt Hours [14-03] Thousand Kilowatt Hours [35-03] Thousand Kilowatt Hours
TA	Tenth Cubic Foot [4-03] Tenth Cubic Foot [14-03] Tenth Cubic Foot [35-03] Tenth Cubic Foot
TB	Tube [4-03] Tube [14-03] Tube [35-03] Tube

TC	Truckload [4-03] Truckload [14-03] Truckload [35-03] Truckload
TD	Therms [4-03] Therms [14-03] Therms [35-03] Therms
TE	Tote [4-03] Tote [14-03] Tote [35-03] Tote
TF	Ten Square Yards [4-03] Ten Square Yards [14-03] Ten Square Yards [35-03] Ten Square Yards
TG	Gross Ton [4-03] Gross Ton [14-03] Gross Ton [35-03] Gross Ton
TH	Thousand [4-03] Thousand [14-03] Thousand [35-03] Thousand
TI	Thousand Square Inches [4-03] Thousand Square Inches [14-03] Thousand Square Inches [35-03] Thousand Square Inches
TJ	Thousand Sq. Centimeters [4-03] Thousand Sq. Centimeters [14-03] Thousand Sq. Centimeters [35-03] Thousand Sq. Centimeters
TK	Tank [4-03] Tank [14-03] Tank [35-03] Tank
TL	Thousand Feet (Linear) [4-03] Thousand Feet (Linear) [14-03] Thousand Feet (Linear) [35-03] Thousand Feet (Linear)
TM	Thousand Feet (Board) [4-03] Thousand Feet (Board) [14-03] Thousand Feet (Board) [35-03] Thousand Feet (Board)
TN	Net Ton (2,000 LB). [4-03] Net Ton (2,000 LB). [14-03] Net Ton (2,000 LB). [35-03] Net Ton (2,000 LB).
TO	Troy Ounce [4-03] Troy Ounce [14-03] Troy Ounce [35-03] Troy Ounce
TP	Ten-pack [4-03] Ten-pack [14-03] Ten-pack [35-03] Ten-pack
TQ	Thousand Feet [4-03] Thousand Feet

	[14-03] Thousand Feet [35-03] Thousand Feet
TR	Ten Square Feet
	[4-03] Ten Square Feet [14-03] Ten Square Feet [35-03] Ten Square Feet
TS	Thousand Square Feet
	[4-03] Thousand Square Feet [14-03] Thousand Square Feet [35-03] Thousand Square Feet
TT	Thousand Linear Meters
	[4-03] Thousand Linear Meters [14-03] Thousand Linear Meters [35-03] Thousand Linear Meters
TU	Thousand Linear Yards
	[4-03] Thousand Linear Yards [14-03] Thousand Linear Yards [35-03] Thousand Linear Yards
TV	Thousand Kilograms
	[4-03] Thousand Kilograms [14-03] Thousand Kilograms [35-03] Thousand Kilograms
TW	Thousand Sheets
	[4-03] Thousand Sheets [14-03] Thousand Sheets [35-03] Thousand Sheets
TX	Troy Pound
	[4-03] Troy Pound [14-03] Troy Pound [35-03] Troy Pound
TY	Tray
	[4-03] Tray [14-03] Tray [35-03] Tray
TZ	Thousand Cubic Feet
	[4-03] Thousand Cubic Feet [14-03] Thousand Cubic Feet [35-03] Thousand Cubic Feet
U1	Treatments
	[4-03] Treatments [14-03] Treatments [35-03] Treatments
U2	Tablet
	A compressed or molded block of solid material; a collection of sheet paper glued together at one edge
	[4-03] Tablet [14-03] Tablet [35-03] Tablet
U3	Ten
	10 each of an item of supply
	[4-03] Ten [14-03] Ten [35-03] Ten
U5	Two Hundred Fifty
	250 each of an item of supply
	[4-03] Two Hundred Fifty [14-03] Two Hundred Fifty [35-03] Two Hundred Fifty

UA	Torr Pressure [4-03] Torr [14-03] Torr [35-03] Torr
UB	Telecommunications Lines in Service - Average Average number of lines in service specific to equal access requirements [4-03] Telecommunications Lines in Service - Average [14-03] Telecommunications Lines in Service - Average [35-03] Telecommunications Lines in Service - Average
UC	Telecommunications Ports Number of network access ports [4-03] Telecommunications Ports [14-03] Telecommunications Ports [35-03] Telecommunications Ports
UD	Tenth Minutes Number of 6 second increments of usage [4-03] Tenth Minutes [14-03] Tenth Minutes [35-03] Tenth Minutes
UE	Tenth Hours Number of 6 minute increments of usage [4-03] Tenth Hours [14-03] Tenth Hours [35-03] Tenth Hours
UF	Usage per Telecommunications Line - Average [4-03] Usage per Telecommunications Line - Average [14-03] Usage per Telecommunications Line - Average [35-03] Usage per Telecommunications Line - Average
UH	Ten Thousand Yards [4-03] Ten Thousand Yards [14-03] Ten Thousand Yards [35-03] Ten Thousand Yards
UL	Unitless Unit of Measure for properties or test results without units of measure [4-03] Unitless [14-03] Unitless [35-03] Unitless
UM	Million Units Measure used to indicate large quantities in multiples of one million [4-03] Million Units [14-03] Million Units [35-03] Million Units
UN	Unit [4-03] Unit [14-03] Unit [35-03] Unit
UP	Troche A flat, round, tablet made of a medicinal substance [4-03] Troche [14-03] Troche [35-03] Troche
UQ	Wafer A light, thin, crisp, cake [4-03] Wafer

	[14-03] Wafer
	[35-03] Wafer
UR	Application An action of putting something into material contact
	[4-03] Application
	[14-03] Application
	[35-03] Application
US	Dosage Form
	[4-03] Dosage Form
	[14-03] Dosage Form
	[35-03] Dosage Form
UT	Inhalation
	[4-03] Inhalation
	[14-03] Inhalation
	[35-03] Inhalation
UU	Lozenge
	[4-03] Lozenge
	[14-03] Lozenge
	[35-03] Lozenge
UV	Percent Topical Only A measure of medication intended only for external use
	[4-03] Percent Topical Only
	[14-03] Percent Topical Only
	[35-03] Percent Topical Only
UW	Milliequivalent
	[4-03] Milliequivalent
	[14-03] Milliequivalent
	[35-03] Milliequivalent
UX	Dram (Minim)
	[4-03] Dram (Minim)
	[14-03] Dram (Minim)
	[35-03] Dram (Minim)
UY	Fifty Square Feet
	[4-03] Fifty Square Feet
	[14-03] Fifty Square Feet
	[35-03] Fifty Square Feet
UZ	Fifty Count
	[4-03] Fifty Count
	[14-03] Fifty Count
	[35-03] Fifty Count
V1	Flat A shallow rectangular container frequently used for fruits and vegetables
	[4-03] Flat
	[14-03] Flat
	[35-03] Flat
V2	Pouch
	[4-03] Pouch
	[14-03] Pouch
	[35-03] Pouch
VA	Volt-ampere per Kilogram
	[4-03] Volt-ampere per Kilogram
	[14-03] Volt-ampere per Kilogram
	[35-03] Volt-ampere per Kilogram
VC	Five Hundred 500 each of an item of supply
	[4-03] Five Hundred
	[14-03] Five Hundred

VI	[35-03] Five Hundred Vial
VP	[4-03] Vial [14-03] Vial [35-03] Vial Percent Volume
VR	[4-03] Percent Volume [14-03] Percent Volume [35-03] Percent Volume Volt-ampere-reactive
VS	[4-03] Volt-ampere-reactive [14-03] Volt-ampere-reactive [35-03] Volt-ampere-reactive Visit
W2	A quantitative measure of the number of visits to a provider by the patient [4-03] Visit [14-03] Visit [35-03] Visit Wet Kilo
WA	Weight of product plus liquid solution [4-03] Wet Kilo [14-03] Wet Kilo [35-03] Wet Kilo Watts per Kilogram
WB	[4-03] Watts per Kilogram [14-03] Watts per Kilogram [35-03] Watts per Kilogram Wet Pound
WD	[4-03] Wet Pound [14-03] Wet Pound [35-03] Wet Pound Work Days
WE	[4-03] Work Days [14-03] Work Days [35-03] Work Days Wet Ton
WG	[4-03] Wet Ton [14-03] Wet Ton [35-03] Wet Ton Wine Gallon
WH	[4-03] Wine Gallon [14-03] Wine Gallon [35-03] Wine Gallon Wheel
WI	[4-03] Wheel [14-03] Wheel [35-03] Wheel Weight per Square Inch
WK	[4-03] Weight per Square Inch [14-03] Weight per Square Inch [35-03] Weight per Square Inch Week
WM	[4-03] Week [14-03] Week [35-03] Week Working Months
	[4-03] Working Months

	[14-03] Working Months [35-03] Working Months
WP	Pennyweight [4-03] Pennyweight [14-03] Pennyweight [35-03] Pennyweight
WR	Wrap [4-03] Wrap [14-03] Wrap [35-03] Wrap
WW	Milliliters of Water [4-03] Milliliters of Water [14-03] Milliliters of Water [35-03] Milliliters of Water
X1	Chains (Land Survey) [4-03] Chains (Land Survey) [14-03] Chains (Land Survey) [35-03] Chains (Land Survey)
X2	Bunch A measure used to identify a group of like items grown or fastened together [4-03] Bunch [14-03] Bunch [35-03] Bunch
X3	Clove A measure used to identify a section of a separate bulb [4-03] Clove [14-03] Clove [35-03] Clove
X4	Drop The smallest quantity of liquid heavy enough to form a spherical mass [4-03] Drop [14-03] Drop [35-03] Drop
X5	Head A measure used for a rounded, compact mass of leaves, buds or flowers [4-03] Head [14-03] Head [35-03] Head
X6	Heart A measure used to identify the central or innermost physical part [4-03] Heart [14-03] Heart [35-03] Heart
X7	Leaf A measure used to identify a usually green flattened structure of vascular plants processed for a particular purpose [4-03] Leaf [14-03] Leaf [35-03] Leaf
X8	Loaf A shaped mass of food cooked or prepared in one piece [4-03] Loaf [14-03] Loaf [35-03] Loaf

X9	Portion A measure used to identify a section or quantity within a larger thing [4-03] Portion [14-03] Portion [35-03] Portion
XP	Base Box per Pound [4-03] Base Box per Pound [14-03] Base Box per Pound [35-03] Base Box per Pound
Y1	Slice A measure used to identify a thin broad piece cut from a larger object [4-03] Slice [14-03] Slice [35-03] Slice
Y2	Tablespoon A measure equal to three teaspoons or a half fluid ounce [4-03] Tablespoon [14-03] Tablespoon [35-03] Tablespoon
Y3	Teaspoon A measure equal to five milliliters or one third tablespoon [4-03] Teaspoon [14-03] Teaspoon [35-03] Teaspoon
Y4	Tub A measure used to identify a storage container [4-03] Tub [14-03] Tub [35-03] Tub
YD	Yard [4-03] Yard [14-03] Yard [35-03] Yard
YL	100 Lineal Yards [4-03] 100 Lineal Yards [14-03] 100 Lineal Yards [35-03] 100 Lineal Yards
YR	Years [4-03] Years [14-03] Years [35-03] Years
YT	Ten Yards [4-03] Ten Yards [14-03] Ten Yards [35-03] Ten Yards
Z1	Lift Van [4-03] Lift Van [14-03] Lift Van [35-03] Lift Van
Z2	Chest [4-03] Chest [14-03] Chest [35-03] Chest
Z3	Cask [4-03] Cask [14-03] Cask

Z4	[35-03] Cask Hogshead
Z5	[4-03] Hogshead [14-03] Hogshead [35-03] Hogshead Lug
Z6	[4-03] Lug [14-03] Lug [35-03] Lug Conference Points A participant on a conference call
Z8	[4-03] Conference Points [14-03] Conference Points [35-03] Conference Points Newspaper Agate Line
ZA	[4-03] Newspaper Agate Line [14-03] Newspaper Agate Line [35-03] Newspaper Agate Line Bimonthly
ZB	[4-03] Bimonthly [14-03] Bimonthly [35-03] Bimonthly Biweekly
ZC	[4-03] Biweekly [14-03] Biweekly [35-03] Biweekly Semiannual
ZP	[4-03] Semiannual [14-03] Semiannual [35-03] Semiannual Page
	[4-03] Page [14-03] Page [35-03] Page

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:** [36] PRF SEGMENT - Purchase Order Reference  
 SEGMENT CONDITION: Use this segment in all line item loops (HL03 = 'I') to identify the child purchase order information to its parent shipment unit TCN. Only required for vendor shipments.

**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 [36-01] Purchase Order Number Enter the purchase order number, contract number (including Federal Supply Schedules, GSA Schedules and all other basic contracts), Blanket Purchase Agreement Number, Grant, Lease or Agreement Number. This is always the Procurement Instrument Identification Number (PIIN) for the DOD or the equivalent expression for Civilian Agencies. Do not transmit dashes.	M AN 1/22
	PRF02	328	<b>Release Number</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction [36-02] Release Number Enter the number of a release, call or delivery order against a basic award instrument. This is always the Supplemental Procurement Instrument Identification Number for the DOD or the equivalent expression for Civilian Agencies. Do not transmit dashes.	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
X	PRF04	373	<b>Date</b> Date expressed as CCYYMMDD	O DT 8/8
>>	PRF05	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set [36-05] Vendor's Shipment Number Enter the shipment number assigned by the vendor to uniquely identify the shipment per DOD 4000.25-5-M, Ap1.44 guidelines. This number is not the TCN.	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

<b>Segment:</b>	<b>PID</b> Product/Item Description
<b>Position:</b>	070
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	200
<b>Purpose:</b>	To describe a product or process in coded or free-form format
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PID04 is present, then PID03 is required.</li> <li>2 At least one of PID04 or PID05 is required.</li> <li>3 If PID07 is present, then PID03 is required.</li> <li>4 If PID08 is present, then PID04 is required.</li> <li>5 If PID09 is present, then PID05 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 Use PID03 to indicate the organization that publishes the code list being referred to.</li> <li>2 PID04 should be used for industry-specific product description codes.</li> <li>3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.</li> <li>4 PID09 is used to identify the language being used in PID05.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.</li> <li>2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> <li>3 PID07 specifies the individual code list of the agency specified in PID03.</li> </ol>
<b>Notes:</b>	<p>[37] PID SEGMENT - Due-In Notice Hazardous Material Description  SEGMENT CONDITION: Use this segment only in a shipment loop (HL03='S') when due-in shipment contains hazardous materials that require in-the-clear hazardous remarks.</p> <p>[38] PID SEGMENT - Hazard Class/Division  [39] PID SEGMENT - Proper Shipping Name  SEGMENT CONDITION: Required if Due-inNotice is also serving as a REPSHIP (where HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator) and shipment contains explosives or hazardous material (HAZMAT).</p> <p>[40] PID SEGMENT - Due-In Notice Shipment Unit General Description  SEGMENT CONDITION: Use this segment only in a shipment loop (HL03='S') when additional remarks for transportation movement are required.</p> <p>[41] PID SEGMENT - Due-In Notice Air Force MICAP Indicator  SEGMENT CONDITION: For Air Force use only.</p> <p>[42] PID SEGMENT - UN/NA  SEGMENT CONDITION: Required if Due-in Notice is also serving as a REPSHIP (where HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator) and shipment contains hazardous material (HAZMAT).</p>

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349 Item Description Type	M ID 1/1
		Code indicating the format of a description	
		[37-01] Description Type Qualifier	
		[38-01] Item Description Type	
		[39-01] Item Description Type	
		[40-01] Description Type Qualifier	
		[41-01] Description Type Qualifier	
		[42-01] Item Description Type	
		F Free-form	
		[37-01] Free-form	
		[38-01] Free-form	
		[39-01] Free-form	
		[40-01] Free-form	
		[41-01] Free-form	
		[42-01]	

			S	Structured (From Industry Code List)	
				[42-01] Structured (From Industry Code List)	
			X	Semi-structured (Code and Text)	
				[42-01] Semi-structured (Code and Text)	
>>	<b>PID02</b>	<b>750</b>	<b>Product/Process Characteristic Code</b>	<b>O</b>	<b>ID 2/3</b>
				Code identifying the general class of a product or process characteristic	
				[37-02] Hazardous Material Qualifier	
				[38-02] Hazard Class/Division Qualifier	
				[39-02] Proper Shipping Name Qualifier	
				[40-02] General Description Qualifier	
				[41-02] Due-In Notice MICAP Indicator Qualifier	
				[42-02] UN/NA Qualifier	
			01	Limiting Operation	
				[38-02] Limiting Operation	
				Use '01' to denote Primary	
			02	General Product Form	
				[38-02] General Product Form	
				Use '02' to denote Secondary	
			13	Quality (Quality Level)	
				[42-02] Quality (Quality Level)	
				Use '13' to denote UN/NA	
			GEN	General Description	
				[40-02] General Description	
			HZ	Hazardous Material	
				[37-02] Hazardous Material	
			MAC	Material Classification	
				Class of material, e.g. prime, secondary, etc.	
				[41-02] Material Classification	
				Use 'MAC' to denote MICAP Indicator	
			PRO	Proprietary	
				[39-02] Proprietary	
				Use 'PRO' to denote Proper Shipping Name	
X	<b>PID03</b>	<b>559</b>	<b>Agency Qualifier Code</b>	<b>X</b>	<b>ID 2/2</b>
				Code identifying the agency assigning the code values	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
X	<b>PID04</b>	<b>751</b>	<b>Product Description Code</b>	<b>X</b>	<b>AN 1/12</b>
				A code from an industry code list which provides specific data about a product characteristic	
>>	<b>PID05</b>	<b>352</b>	<b>Description</b>	<b>X</b>	<b>AN 1/80</b>
				A free-form description to clarify the related data elements and their content	
				[37-05] Due-In Notice Hazardous Material Description	
				Enter in-the-clear hazardous materials description.	
				[38-05] Hazard Class/Division	
				[39-05] Proper Shipping Name	
				[40-05] Due-In Notice Shipment Unit General Description	
				Enter in-the-clear shipment unit general description.	
				[41-05] Due-In Notice MICAP Indicator	
				[42-05] UN/NA	
				Enter value 'UN' or 'NA', as applicable, followed by the 4-digit identification number.	
			N	New Code Added by IC	
				[41-05] No	
			Y	New Code Added by IC	
				[41-05] Yes	

<b>X</b>	<b>PID06</b>	<b>752</b>	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 2/2</b>
<b>X</b>	<b>PID07</b>	<b>822</b>	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier	<b>O AN 1/15</b>
<b>X</b>	<b>PID08</b>	<b>1073</b>	<b>Yes/No Condition or Response Code</b> Code indicating a Yes or No condition or response Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 1/1</b>
<b>X</b>	<b>PID09</b>	<b>819</b>	<b>Language Code</b> Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	<b>O ID 2/3</b>

**Segment:** **MEA** Measurements  
**Position:** 080  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 40  
**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

- Syntax Notes:**
- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
  - 2 If MEA05 is present, then MEA04 is required.
  - 3 If MEA06 is present, then MEA04 is required.
  - 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
  - 5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** [43] MEA SEGMENT - Due-In Notice Shipment Unit Weight  
 SEGMENT CONDITION: This segment is MANDATORY for all due-in shipment loops (HL03='S').  
 [44] MEA SEGMENT - Due-In Notice Shipment Unit Cube  
 NOTE: This segment is MANDATORY for all shipment loops (HL03='S').  
 [45] MEA SEGMENT - Net Explosive Weight (English)  
 Note: Metric NEW units are required only for a shipping paper (manifest, BOL) to comply with 49 CFR 171.10. NEW in English units is included here since the receiver of the shipment will need the NEW for shipment receipt planning purposes. For OCONUS shipments, NEW facilitates compliance with 1MDGC.  
 SEGMENT CONDITION: Required if Due-in Notice is also serving as a REPSHIP (where HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator) and shipment (for all shipment modes) contains explosive material.

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>>	MEA01	737 Measurement Reference ID Code	O ID 2/2
		Code identifying the broad category to which a measurement applies	
		[43-01] Weight Qualifier	
		[44-01] Cube Qualifier	
		[45-01] Net Explosive Weight Qualifier	
		NX Net Explosive Weight	
		[45-01] Net Explosive Weight	
		PD Physical Dimensions	
		[44-01] Physical Dimensions	
		Use 'PD' to denote Due-In Shipment Unit Cube	
		WT Weights	
		[43-01] Weights	
X	MEA02	738 Measurement Qualifier	O ID 1/3
		Code identifying a specific product or process characteristic to which a measurement applies	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
>>	MEA03	739 Measurement Value	X R 1/20
		The value of the measurement	
		[43-03] Due-In Notice Shipment Unit Weight	
		Enter Due-In shipment unit weight in pounds.	
		[44-03] Due-In Notice Shipment Unit Cube	
		Enter Due-In shipment unit cube in cubic feet.	
		[45-03] Net Explosive Weight	
		If Net Explosive Weight is available for an individual line item, carry that	

			weight in this data element. Entry may contain a decimal; if not, decimal is assumed at right-most point of the field.	
>>	MEA04	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use) [45-04] Composite Unit of Measure C00101 calls for an identifier from the DE 355 code list. The element separator is not used in this template. Its elements are concatenated together without using a delimiter.	X
M	C00101	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 [45-04-01] Net Explosive Weight Qualifier (English) Use GA if explosive is wet. Use PN if explosive is dry. (Per DM 1016) GA                      Gallon [45-04-01] Gallon PN                        Pounds Net [45-04-01] Pounds Net	M ID 2/2
	C00102	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
	C00103	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
	C00104	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.	O ID 2/2
	C00105	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
	C00106	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
	C00107	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.	O ID 2/2
	C00108	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
	C00109	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
	C00110	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.	O ID 2/2
	C00111	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
	C00112	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
	C00113	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.	O ID 2/2
	C00114	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
	C00115	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10

X	MEA05	740	<b>Range Minimum</b> The value specifying the minimum of the measurement range	X	R 1/20
X	MEA06	741	<b>Range Maximum</b> The value specifying the maximum of the measurement range	X	R 1/20
X	MEA07	935	<b>Measurement Significance Code</b> Code used to benchmark, qualify or further define a measurement value Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
X	MEA08	936	<b>Measurement Attribute Code</b> Code used to express an attribute response when a numeric measurement value cannot be determined Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	MEA09	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
X	MEA10	1373	<b>Measurement Method or Device</b> The method or device used to record the measurement Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/4

**Segment:** **TD1** Carrier Details (Quantity and Weight)  
**Position:** 110  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**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:**

[15] TD1 SEGMENT - Shipment-C Notice Total Pieces in the Shipment Unit Increment  
 SEGMENT CONDITION: For a multi-piece shipment or for a multi-piece shipment that has been "partialed" or split into shipment unit increments, use this segment in a Shipment Loop (HL03 = 'S') to account for the total pieces (one or more) in the shipment that have been labeled for movement. The Pieces value in the Piece-of-Pieces mark on a shipping label may not match with the total pieces in a shipment when the shipment unit has been "partialed" or split into shipment unit increments; for example, a split shipment unit increment containing two pieces could contain two packages labeled as 2 of 5 and 5 of 5. The Piece and Pieces values in a shipping label are not usually changed from an origin shipper's mark when a shipment is split at a transship point.

[46] TD1 SEGMENT - Due-In Notice Total Pieces in the Shipment Unit Increment  
 Note: The pieces value in the Piece-of-Pieces mark on a shipping label may not match with the total pieces in a shipment when the shipment unit has been 'partialed' or split into shipment unit increments; for example, a split shipment unit increment containing two pieces could contain two packages labeled as `2 of 5' and `5 of 5'. The Piece and Pieces values in a shipping label are not usually changed from an origin shipper's mark when a shipment is split at a transship point.

SEGMENT CONDITION: For a multi-piece shipment or for a multi-piece shipment that has been 'partialed' or split into shipment unit increments, use this segment in a Shipment Loop (HL03 = 'S') to account for the total pieces (one or more) in the shipment that have been labeled for movement.

**Data Element Summary**

Ref.	Data Element	Name	Attributes
>>	TD101	103 Packaging Code	O AN 3/5
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required	
		[15-01] Shipment-C Notice Packaging Code	
		Enter value 'PCS' to denote Pieces.	
		[46-01] Due-In Notice Packaging Code	
		PCS Pieces	
		[15-01] Pieces	
		[46-01] Pieces	
>>	TD102	80 Lading Quantity	X N0 1/7
		Number of units (pieces) of the lading commodity	
		[15-02] Shipment-C Notice Total Pieces in the Shipment Unit Increment	
		Enter the total number of pieces in the shipment unit increment.	
		[46-02] Due-In Notice Total Pieces in the Shipment Unit Increment	
		Enter the total number of pieces in the shipment unit increment.	
	TD103	23 Commodity Code Qualifier	O ID 1/1
		Code identifying the commodity coding system used for Commodity Code	
		[46-03] Due-In Notice Commodity Code Qualifier	
		D Department of Defense Unique Codes	
		[46-03] Department of Defense Unique Codes	

			N	National Motor Freight Classification (NMFC) [46-03] National Motor Freight Classification (NMFC)	
			T	Standard Transportation Commodity Code (STCC) [46-03] Standard Transportation Commodity Code (STCC)	
			U	Uniform Freight Classification (UFC) [46-03] Uniform Freight Classification (UFC)	
	<b>TD104</b>	<b>22</b>	<b>Commodity Code</b>		<b>X AN 1/30</b>
			Code describing a commodity or group of commodities		
			[46-04] Due-In Notice Commodity Code This element is mandatory if TD103 is used. Enter the commodity code for the shipment unit.		
X	<b>TD105</b>	<b>79</b>	<b>Lading Description</b>		<b>O AN 1/50</b>
			Description of an item as required for rating and billing purposes		
X	<b>TD106</b>	<b>187</b>	<b>Weight Qualifier</b>		<b>O ID 1/2</b>
			Code defining the type of weight		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	<b>TD107</b>	<b>81</b>	<b>Weight</b>		<b>X R 1/10</b>
			Numeric value of weight		
X	<b>TD108</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		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	<b>TD109</b>	<b>183</b>	<b>Volume</b>		<b>X R 1/8</b>
			Value of volumetric measure		
X	<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		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

**Segment:** **TD5** Carrier Details (Routing Sequence/Transit Time)

**Position:** 120

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**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:**

[47] TD5 SEGMENT - Carrier Bill Number  
SEGMENT CONDITION: If available, enter the carrier's air waybill or PRO number.

[48] TD5 SEGMENT - Due-In Notice Carrier SCAC and Transportation Mode  
SEGMENT CONDITION: Use this segment in the first shipment loop (HL01='1' and HL03='S') to pass the carrier's SCAC and mode of transportation.

#### 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)	
		[47-02] Carrier Bill Qualifier	
		[48-02] Due-In Notice SCAC Qualifier	
		2 Standard Carrier Alpha Code (SCAC)	
		[48-02] Standard Carrier Alpha Code (SCAC)	
		95 Assigned By Transporter	
		[47-02] Assigned By Transporter	
		Use '95' to denote Air Waybill	
		C5 Customer Identification File	
		[47-02] Customer Identification File	
		Use 'C5' to denote PRO Number	
>>	TD503	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
		[47-03] Carrier Bill Number	
		Enter the carrier's air waybill or PRO number.	
		[48-03] Due-In Notice SCAC	
		Enter the SCAC for the commercial carrier. If government/organic transportation is used, enter value 'GOVT'.	
>>	TD504	91 Transportation Method/Type Code	X ID 1/2
		Code specifying the method or type of transportation for the shipment	
		[48-04] Due-In Notice Transportation Mode/Method	
		AF Air Freight	
		[48-04] Air Freight	

AH	Air Taxi FAA approved carrier utilizing a 1 or 2 engine aircraft for on demand service [48-04] Air Taxi
B	Barge [48-04] Barge
BU	Bus [48-04] Bus
DA	Driveaway Service Movement of wheeled vehicle, wheeled equipment, or wheeled chassis of which is powered by a self-contained power unit (includes tractor/trailer combination) [48-04] Driveaway Service
DW	Driveaway, Truckaway, Towaway DoD policy includes all three terms in one. They mean collectively, a transportation method whereby a vehicle is moved under its own power by a driver, or loaded into or upon a carrier's equipment, or towed by carrier's equipment [48-04] Driveaway, Truckaway, Towaway
ED	European or Pacific Distribution System Military operated logistic distribution system within the indicated theaters of operation [48-04] European or Pacific Distribution System Use 'ED' to denote Air Mobility Command (AMC) Transportation Method/Type Code
FA	Air Freight Forwarder A firm other than a railroad, motor, or water carrier, which represents itself as a common carrier and undertakes to assemble and consolidate shipments or provide for same and assumes responsibility for the air transportation of such property from point of receipt to its destination. Delivery is "Held in Bond" [48-04] Air Freight Forwarder
IP	New Code Added by IC [48-04] Intermodal (Personal Property)
J	Motor [48-04] Motor Use 'J' to denote Motor, Truckload
LA	Logair Air Force long-term contract airlift service within the continental United States for the movement of cargo in support of the logistics systems of the Military Services and Defense Agencies [48-04] Logair Use 'LA' to denote Military Air
LD	New Code Added by IC [48-04] Local Delivery
LT	Less Than Trailer Load (LTL) [48-04] Less Than Trailer Load (LTL) Use 'LT' to denote Motor, Less than Truckload
MP	Motor (Package Carrier) [48-04] Motor (Package Carrier)

MS	New Code Added by IC [48-04] Military Sealift Command (MSC), Controlled, Contract, or Arranged Space
PL	Pipeline [48-04] Pipeline
R	Rail [48-04] Rail
RO	New Code Added by IC [48-04] Ocean (Roll on - Roll off)
SB	Shipper Agent Agent for piggyback code consolidation [48-04] Shipper Agent
SC	Shipper Agent (Truck) Motor carrier agent for piggyback trailer consolidators [48-04] Shipper Agent (Truck)
SD	Shipper Association Non-profit cooperative consolidator or distributors of shipments by member firms [48-04] Shipper Association
SF	New Code Added by IC [48-04] Surface Freight Forwarder
TA	Towaway Service Movement of shipper owned trailers or semi-trailers loaded and/or pulled by carrier furnished power unit [48-04] Towaway Service
U	Private Parcel Service [48-04] Private Parcel Service Use 'U' to denote Package Express
W	Inland Waterway [48-04] Inland Waterway
WP	Water or Pipeline Intermodal Movement A water move by barge or tanker followed by a pipeline move to the destination [48-04] Water or Pipeline Intermodal Movement
X	Intermodal (Piggyback) [48-04] Intermodal (Piggyback) Use 'X' to denote Rail Intermodal Piggyback(TOFC/COFC)

X	TD505	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	X AN 1/35
X	TD506	368	<b>Shipment/Order Status Code</b> 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 ID 2/2
X	TD507	309	<b>Location Qualifier</b> Code identifying type of location Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/2
X	TD508	310	<b>Location Identifier</b> Code which identifies a specific location	X AN 1/30

X	TD509	731	<b>Transit Direction Code</b> The point of origin and point of direction Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
X	TD510	732	<b>Transit Time Direction Qualifier</b> Code specifying the value of time used to measure the transit time Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
X	TD511	733	<b>Transit Time</b> The numeric amount of transit time	X R 1/4
X	TD512	284	<b>Service Level Code</b> 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 ID 2/2
X	TD513	284	<b>Service Level Code</b> 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 ID 2/2
X	TD514	284	<b>Service Level Code</b> 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.	O ID 2/2
X	TD515	26	<b>Country Code</b> Code identifying the country	O ID 2/3

<b>Segment:</b>	<b>REF</b> Reference Identification
<b>Position:</b>	150
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional (Must Use)
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify identifying information
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of REF02 or REF03 is required.</li> <li>2 If either C04003 or C04004 is present, then the other is required.</li> <li>3 If either C04005 or C04006 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	1 REF04 contains data relating to the value cited in REF02.
<b>Comments:</b>	
<b>Notes:</b>	<p>[5] REF SEGMENT - Receipt Notice Transportation Control Number (TCN) SEGMENT CONDITION: Only one TCN shall be identified in a Receipt Notice transaction.</p> <p>[6] REF SEGMENT - Receipt Notice Transportation Tracking Number (TTN) SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number is applicable.</p> <p>[7] REF SEGMENT - Transportation Tracking Account Number (TTAN)</p> <p>[8] REF SEGMENT - Receipt Notice Document Number Use this segment to record the line item (shipment contents) document number information for the shipment received. Enter the line item requisition document number, or the packing list number, or the identifying number of the shipping document used to identify the shipment's contents.</p> <p>Only use this segment for line item requisitions and other line item shipping documents that list a single line item (e.g., one stock number, or one part number, or one nomenclature); otherwise, do not report.</p> <p>Only one Document Number shall be identified in a Receipt Notice transaction.</p> <p>[16] REF SEGMENT - Shipment-C Notice Shipment Unit Transportation Control Number(TCN) SEGMENT CONDITION: This Shipment-C Notice Shipment Unit Transportation Control Number (TCN) segment is MANDATORY in all Shipment Loops (HL03 = 'S') to identify consolidated shipment units and single shipment units</p> <p>[17] REF SEGMENT - Shipment C-Notice Transportation Tracking Number (TTN) SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number is applicable.</p> <p>[18] REF SEGMENT - Transportation Tracking Account Number (TTAN)</p> <p>[19] REF SEGMENT - Shipment-C Notice Shipment Unit Piece Number SEGMENT CONDITION: For multiple piece shipments, use this segment in a Pack Loop (HL03 = 'P') to identify the piece number marked with a military shipping label (MSL) for a shipment unit or shipment unit increment (partial or split). This is the first number in the MSL's Piece of Pieces block (e.g., '3 of 5').</p> <p>[20] REF SEGMENT - Shipment-C Notice Number of Shipment Unit Pieces SEGMENT CONDITION: For multiple piece shipments, use this segment in a Pack Loop (HL03 = 'P') to identify the piece number marked with a military shipping label (MSL) for a shipment unit or shipment unit increment (partial or split). This is the first number in the MSL's Piece of Pieces block (e.g., '3 of 5').</p> <p>[21] REF SEGMENT - Shipment-C Notice Document Number SEGMENT CONDITION: Use this segment in all Line Item Loops (HL03 = 'I') when reporting that line items are being consolidated into a shipment unit.</p> <p>[22] REF SEGMENT - Shipment-C Notice Transportation Priority This segment identifies the transportation priority of the highest level shipment unit consolidation. SEGMENT CONDITION: Use this segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S').</p> <p>[23] REF SEGMENT - Shipment-C Notice RFID To identify nested levels of packaging with RFID tags (i.e., a palletized unit load, the exterior containers within a palletized unit load, exterior shipping containers, and interior</p>

UID packs), the RFID tags marking interior package consolidations will be identified with RFID segments in child Pack Loops (HL03 = 'P') that are subordinate to parent Pack Loops.

**SEGMENT CONDITION:** Use this segment only in the Pack Loops (HL03 = 'P') as applicable. Use when RFID tags are applied to a shipment unit. This segment contains the RFID tag number for the applicable pack level, as per the current DoD RFID policy.

[49] REF SEGMENT - Military Traffic Expediting (MTX) Number

**SEGMENT CONDITION:** Required if Due-in is also serving as a REPSHIP and shipment moves via rail transportation.

[50] REF SEGMENT - Seal Number

**SEGMENT CONDITION:** Use only for sealed cargo and required if Due-in Notice is also serving as a REPSHIP (where HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator).

[51] REF SEGMENT - Shipment Release Authorization Number

**SEGMENT CONDITION:** Use only and required if Due-in Notice is also serving as a REPSHIP and if shipment has a release authorization number (where HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator).

[52] REF SEGMENT - Vessel Name

**SEGMENT CONDITION:** Required if shipment mode is OCEAN and the due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator). Do not include this segment for non-OCEAN mode shipments.

[53] REF SEGMENT - Due-in Notice Movement Document Number

**SEGMENT CONDITION:** This segment identifies the movement document used by shipper and carrier systems for tracking/tracing purposes. Use only in the first shipment loop (HL01 = '1' and HL03 = 'S') of each due-in transaction. This segment is mandatory for all shipments to CMOS activities and is recommended for all other shipments except DLA depot-to-located CCP shipments.

[54] REF SEGMENT - Due-In Notice Transportation Control Number (TCN)

**SEGMENT CONDITION:** This segment is MANDATORY for all due-in shipment loops (HL03 = 'S') to identify the TCN for the shipment unit, any intermediate TCNs, and the conveyance TCN (e.g., 463L pallet, container), if applicable.

[55] REF SEGMENT - Due-In Notice Transportation Tracking Number (TTN)

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

[56] REF SEGMENT - Transportation Tracking Account Number (TTAN)

[57] REF SEGMENT - Unit Line Number (ULN)

**CHANGE NOTE:** Segment added per DM 903.

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

[58] REF SEGMENT - Unit Identification Code (UIC)

**CHANGE NOTE:** Segment added per DM 903.

**SEGMENT CONDITION:** Use to identify Unit Identification Code (UIC) deployment information for unit move TCNs

[59] REF SEGMENT - Due-In Notice Shipment Unit Piece Number

**SEGMENT CONDITION:** For multiple piece shipments, use this segment in a Pack Loop (HL03 = 'P') to identify the piece number marked with a military shipping label (MSL) for a shipment unit or shipment unit increment (partial or split). This is the first number in the MSL's Piece of Pieces block (e.g., '3 of 5').

[60] REF SEGMENT - Due-In Notice Shipment Unit Pieces

**SEGMENT CONDITION:** For multiple piece shipments, use this segment in a Pack Loop (HL03 = 'P') to identify the total number of pieces marked with military shipping labels (MSL) for the same shipment unit or the same shipment unit increment (partial or split). This is the second number in the MSL's Piece of Pieces block (e.g., '3 of 5').

[61] REF SEGMENT - Due-In Notice Document Number

**SEGMENT CONDITION:** Use this segment in all Line Item loops (HL03 = 'I'), to identify the child document number to its parent shipment unit TCN.

[62] REF SEGMENT - Due-In Notice Transportation Priority Code

**SEGMENT CONDITION:** Use this segment only in the first Shipment loop (HL01 = '1' and HL03 = 'S'). This segment identifies the transportation priority of the conveyance shipment unit (for a consolidated shipment, it is the highest

priority in the consolidation)  
 [63] REF SEGMENT - Due-In Notice Issue Priority Designator  
 SEGMENT CONDITION: Use this segment for the line item loop (HL03 = 'I') as applicable.  
 [64] REF SEGMENT - Due-In Notice RFID  
 To identify nested levels of packaging with RFID tags (i.e., a palletized unit load, the exterior containers within a palletized unit load, exterior shipping containers, and interior UID packs), the RFID tags marking interior package consolidations will be identified with RFID segments in child Pack Loops (HL03 = 'P') that are subordinate to parent Pack Loops.  
 SEGMENT CONDITION: Use this segment only in the Pack Loops (HL03 = 'P') as applicable. Use when RFID tags are applied to a shipment unit. This segment contains the RFID tag number for the applicable pack level, as per the current DoD RFID policy.  
 [65] REF SEGMENT - Due-In Notice Transportation Account Code (TAC)  
 SEGMENT CONDITION: Use in the shipment loop (HL03 = 'S') as applicable.  
 [66] REF SEGMENT - Due-In Notice National Stock Number (NSN) or CAGE+Part Number  
 SEGMENT CONDITION: If a National Stock Number or a CAGE + Part Number is available, this segment must be used in the line item loop (HL03 = 'I').  
 [67] REF SEGMENT - Due-In Notice Partial Shipment Indicator  
 SEGMENT CONDITION: This segment is MANDATORY for all shipment loops (HL03 = 'S') to identify the TCN partial indicator for the shipment unit, any intermediate TCNs, and the conveyance TCN (e.g., 463L pallet, container), if applicable.  
 [68] REF SEGMENT - Due-In Notice Split Shipment Indicator  
 SEGMENT CONDITION: This segment is MANDATORY for all shipment loops (HL03 = 'S') to identify the TCN split indicator for the shipment unit, any intermediate TCNs, and the conveyance TCN (e.g., 463L pallet, container), if applicable.  
 [69] REF SEGMENT - Due-In Notice Air Status Code  
 SEGMENT CONDITION: Use this segment only in a shipment loop (HL03='S') when FACTS passes a three-position air status indicator, based on the air clearance authority mode determination.

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		[5-01] Receipt Notice Transportation Control Number Qualifier	
		[6-01] Receipt Notice Transportation Tracking Number (TTN) Qualifier	
		[7-01] Transportation Tracking Account Number (TTAN) Qualifier	
		[8-01] Receipt Notice Document Number Qualifier	
		[16-01] Shipment-C Notice TCN Qualifier	
		[17-01] Shipment C-Notice Transportation Tracking Number (TTN) Qualifier	
		[18-01] Transportation Tracking Account Number (TTAN) Qualifier	
		[19-01] Shipment-C Notice Shipment Unit Piece Number Qualifier	
		[20-01] Shipment-C Notice Shipment Unit Total Pieces Qualifier	
		[21-01] Shipment-C Notice Document/Requisition Number Qualifier	
		[22-01] Shipment-C Notice Priority Qualifier	
		[23-01] Shipment-C Notice RFID Tag Number Qualifier	
		[49-01] MTX Number Qualifier	
		[50-01] Seal Number Qualifier	
		[51-01] Shipment Release Authorization Number Qualifier	
		Use 'EP' to denote Export Traffic Release Numbe; Use only for International shipments. Use 'RE' to denote Air Release Number; Use only for air shipments.	
		[52-01] Vessel Name Qualifier	
		[53-01] Due-in Notice Movement Document Number Qualifier	
		Use for transactions from CMOS, DAASC to insert code value '43' until CMOS can pass the actual movement document number qualifier. Use code value 'V3' only for ocean and if Due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator).	

[54-01]	TCN Qualifier
	Use TG for the following cases: 1) If the shipment contains no REPSHIP-eligible materiel, use as the TCN qualifier at all shipment unit levels. 2) Within a mixed shipment, use to identify lower-level TCNs that do not require REPSHIP. Use X9 for the following cases: 1) If the entire shipment is comprised of REPSHIP-eligible TCNs, use to identify both the highest level TCN and the lower-level TCNs within the shipment. 2) For mixed shipments that contain both REPSHIP-eligible TCNs and non- REPSHIP-eligible TCNs, use to identify the REPSHIP-eligible TCN of the highest level consolidation unit and to identify any lower-level TCNs that contain REPSHIP-eligible material.
[55-01]	Due-In Notice Transportation Tracking Number (TTN) Qualifier
[56-01]	Transportation Tracking Account Number (TTAN) Qualifier
[57-01]	ULN Qualifier
[58-01]	UIC Qualifier
[59-01]	Due-In Notice Shipment Unit Piece Number Qualifier
[60-01]	Due-In Notice Shipment Unit Total Pieces Qualifier
[61-01]	Due-In Notice Document/Requisition Number Qualifier
[62-01]	Transportation Priority Code Qualifier
[63-01]	Issue Priority Qualifier
[64-01]	Due-In Notice RFID Tag Number Qualifier
[65-01]	TAC Qualifier
[66-01]	NSN/CAGE + Part Number Qualifier
[67-01]	Partial Shipment Qualifier
[68-01]	Split Shipment Qualifier
[69-01]	Air Status Code Qualifier
14	Master Account Number Account number used to represent individual billing accounts which have been consolidated and/or summarized
	[7-01] Master Account Number Use '14' to denote Transportation Tracking Account Number (TTAN).
	[18-01] Master Account Number Use '14' to denote Transportation Tracking Account Number (TTAN).
	[56-01] Master Account Number Use '14' to denote Transportation Tracking Account Number (TTAN).
18	Plan Number The unique identification number assigned for a defined contribution plan
	[6-01] Plan Number Use '18' to denote Receipt Notice Transportation Tracking Number (TTN).
	[17-01] Plan Number Use '18' to denote Receipt Notice Transportation Tracking Number (TTN).
	[55-01] Plan Number Use '18' to denote Receipt Notice Transportation Tracking Number (TTN)
21	Tracking Number
	[53-01] Tracking Number
43	Supporting Document Number Supports or clarifies information and values represented in a document
	[8-01] Supporting Document Number Use '43' to denote Other Document Number.
	[21-01] Supporting Document Number Use '43' to denote Other Document Number.

	[53-01] Supporting Document Number
	[61-01] Supporting Document Number
	Use '43' to denote Other Document Number.
97	Package Number
	A serial number indicating unit shipped
	[19-01] Package Number
	Use '97' to denote Piece Number.
	[59-01] Package Number
	Use '97' to denote Piece Number
ABS	Vessel Name
	[52-01] Vessel Name
ACC	Status
	[69-01] Status
	Use 'ACC' to denote Air Status Code
BL	Government Bill of Lading
	[53-01] Government Bill of Lading
BM	Bill of Lading Number
	[53-01] Bill of Lading Number
CT	Contract Number
	[8-01] Contract Number
	[21-01] Contract Number
EP	Export Permit Number
	[51-01] Export Permit Number
	Use 'EP' to denote Export Traffic Release Number.
GP	Government Priority Number
	[63-01] Government Priority Number
	Use 'GP' to denote Issue Priority Designator
JH	Tag
	[23-01] Tag
	Use 'JH' to denote Passive RFID Tag
	[64-01] Tag
	Use 'JH' to denote Passive RFID Tag
KK	Delivery Reference
	[67-01] Delivery Reference
	Use 'KK' to denote Partial Shipment
MA	Ship Notice/Manifest Number
	[53-01] Ship Notice/Manifest Number
MT	Meter Ticket Number
	[49-01] Meter Ticket Number
	Use 'MT' to denote MTX Number
NS	National Stock Number
	[66-01] National Stock Number
PH	Priority Rating
	[22-01] Priority Rating
PO	Purchase Order Number
	[8-01] Purchase Order Number
	[21-01] Purchase Order Number
Q3	Ending Package Number
	The ending package number in a shipment or container of numbered packages
	[20-01] Ending Package Number
	Use 'Q3' to denote Total Number of Pieces in the Shipment Unit or the Shipment Unit Increment.
	[60-01] Ending Package Number
	Use 'Q3' to denote Total Number of Pieces in the Shipment Unit or the Shipment Unit Increment

RE	Release Number [51-01] Release Number Use 'RE' to denote Air Release Number
RQ	Purchase Requisition Number [8-01] Purchase Requisition Number [21-01] Purchase Requisition Number [61-01] Purchase Requisition Number
SN	Seal Number [50-01] Seal Number
SS	Split Shipment Number [68-01] Split Shipment Number
TG	Transportation Control Number (TCN) [5-01] Transportation Control Number (TCN) Use 'TG' to denote TCN (Shipment, Intermediate, or Conveyance) of the shipment unit containing the line item being received [16-01] Transportation Control Number (TCN) Use 'TG' to denote Shipment Unit TCN [54-01] Transportation Control Number (TCN)
TH	Transportation Account Code (TAC) [65-01] Transportation Account Code (TAC)
TN	Transaction Reference Number [8-01] Transaction Reference Number Use 'TN' to denote Requisition Number [21-01] Transaction Reference Number Use 'TN' to denote Requisition Number [61-01] Transaction Reference Number Use 'TN' to denote Requisition Number
TPN	Transponder Number [23-01] Transponder Number Use 'TPN' to denote Active RFID Tag [64-01] Transponder Number Use 'TPN' to denote Active RFID Tag
UI	Previous Course Number [58-01] Previous Course Number Use 'UI' to denote Unit Identification Code
UL	Cross-listed Course Number [57-01] Cross-listed Course Number Use 'UL' to denote Unit Line Number for a TPFDD move.
V3	Voyage Number [53-01] Voyage Number
X9	Internal Control Number Number assigned by the managing office to provide internal processing information [54-01] Internal Control Number
XA	Substitute National Stock Number A national stock number that can take the place of another [66-01] Substitute National Stock Number Use 'XA' to denote CAGE + Part Number (when no NSN is available)
XE	Transportation Priority Number Number indicating the level of government priority associated with the transportation of a shipment [62-01] Transportation Priority Number

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

[5-02] Receipt Notice Transportation Control Number

Enter the TCN of the shipment.

[6-02] Receipt Notice Transportation Tracking Number (TTN)

[7-02] Transportation Tracking Account Number (TTAN)

[8-02] Receipt Notice Document Number

Enter the requisition document number, or contract number, or purchase order number, or other document number for an individual line item in the shipment that has been received for consolidation and onward movement. Do not include a Defense Logistics Management System (DLMS) Requisition Document Number suffix in this entry.

[16-02] Shipment-C Notice TCN

Enter the TCN assigned to the shipment unit documented in the Shipment Loop.

[17-02] Shipment C-Notice Transportation Tracking Number (TTN)

[18-02] Transportation Tracking Account Number (TTAN)

[19-02] Shipment-C Notice Shipment Unit Piece Number

Enter the piece number.

[20-02] Shipment-C Notice Shipment Unit Total Pieces

Enter the total number of pieces in the shipment unit or the shipment unit increment.

[21-02] Shipment-C Notice Document/Requisition Number

Transshippers enter the requisition number, or contract number, or purchase order number, or other document number for each individual line item that has been broken down and re-packaged (consolidated) for onward movement in a shipment unit documented with either a Shipment TCN, an Intermediate TCN, or a Conveyance TCN. Do not include the DLMS Requisition Document Number suffix in this entry.

[22-02] Shipment-C Notice Transportation Priority Code

Enter the Transportation Priority Code (values 1, 2, 3, or 4) for the highest-level TCN consolidation.

[23-02] Shipment-C Notice RFID Tag Number

Enter the RFID tag identification number used for tracking the shipment.

[50-02] Seal Number

Enter the Seal Number.

[51-02] Shipment Release Authorization Number

Enter the Air Release Number and/or Export Traffic Release Number as these may apply to the mode of shipment.

[52-02] Vessel Name

Enter the Vessel Name assigned to the voyage document number if an ocean movement.

[53-02] Due-in Notice Movement Document Number

Enter one of the following numbers to identify the movement document: Government Bill of Lading Number, Commercial Bill of Lading Number, Truck Manifest Number, or Small Package Tracking Number, or Voyage Document Number.

[54-02] Due-In Notice TCN

Enter Due-In TCN of the shipment unit.

[55-02] Due-In Notice Transportation Tracking Number (TTN)

[56-02] Transportation Tracking Account Number (TTAN)

[57-02] ULN

Enter the unit line number.

[58-02] UIC

Enter the Unit Identification Code

[59-02] Due-In Notice Shipment Unit Piece Number

Enter the piece number.

[60-02] Due-In Notice Shipment Unit Total Pieces

Enter the total number of pieces in the shipment unit or the shipment unit increment.

[61-02] Due-In Notice Document/Requisition Number  
 Transshippers enter the requisition number, or contract number, or purchase order number, or other document number for each individual line item that has been broken down and re-packaged (consolidated) for onward movement in a shipment unit documented with either a Shipment TCN, an Intermediate TCN, or a Conveyance TCN. Do not include the DLMS Requisition Document Number suffix in this entry.

[62-02] Due-In Notice Transportation Priority Code  
 Enter the transportation priority code for the conveyance shipment unit (for a consolidated shipment, it is the highest priority in the consolidation).

[63-02] Line Item Issue Priority  
 Enter Issue Priority Designator.

[64-02] Due-In Notice RFID Tag Number  
 Enter the RFID tag identification number used for tracking the shipment.

[65-02] Due-In Notice TAC  
 Enter TAC of material shipped.

[66-02] NSN/CAGE + Part Number  
 Enter NSN or, if not available, enter CAGE + Part Number, as qualified in REF01.

[67-02] Due-In Notice Partial Shipment Indicator  
 Enter the value from record position 16 of the TCN.

[68-02] Due-In Notice Split Shipment Indicator  
 Enter the value from record position 17 of the TCN.

[69-02] Due-In Notice Air Status Code  
 Enter three-position air status indicator from FACTS (e.g., 'CPA' = air; 'CPS' = surface). While DSS uses internally three different codes for this (A, C, and R), that information will be retimed in DSS, but codes 'A' and 'C' will be converted to 'CPA' and code 'R' to 'CPS'.

	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			[8-03] Receipt Notice DLMS Requisition Document Number Suffix Enter the DLMS Requisition Document Number suffix.		
			[21-03] Shipment-C Notice DLMS Requisition Document Number Suffix Enter the DLMS Requisition Document Number suffix.		
			[52-03] Vessel IRCS ELEMENT CONDITION: Enter Vessel IRCS, if available.		
			[61-03] Due-In Notice DLMS Requisition Document Number Suffix Enter the DLMS Requisition Document Number suffix.		
X	REF04	C040	<b>Reference Identifier</b>	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>	M	ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.		
X	C04002	127	<b>Reference Identification</b>	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
X	C04003	128	<b>Reference Identification Qualifier</b>	X	ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.		
X	C04004	127	<b>Reference Identification</b>	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
X	C04005	128	<b>Reference Identification Qualifier</b>	X	ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.		

X

C04006

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**Reference Identification**

X AN 1/30

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

<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
<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>	<p>[70] MAN SEGMENT - Due-In Notice Pallet ID  SEGMENT CONDITION: Use this segment in the first shipment loop (HL01='1' and HL03='S') to pass the 463L pallet ID, if available.</p> <p>[71] MAN SEGMENT - Special Requirements Code  SEGMENT CONDITION: Use this segment in the shipment loop (HL03 = 'S'). When using this element, do not enter a Julian date for the Special Requirements Code.</p>

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	MAN01	88 Marks and Numbers Qualifier	M ID 1/2
		Code specifying the application or source of Marks and Numbers (87)	
		[70-01] Due-In Notice Pallet ID Qualifier	
		[71-01] Special Requirements Code Qualifier	
		W Pallet Number	
			[70-01] Pallet Number
		ZZ Mutually Defined	
			[71-01] Mutually Defined
			Use 'ZZ' to denote Special Requirements Code
M	MAN02	87 Marks and Numbers	M AN 1/48
		Marks and numbers used to identify a shipment or parts of a shipment	
		[70-02] Due-In Notice Pallet ID Enter the Pallet ID.	
		[71-02] Special Requirements Code Code list includes '444', '555', '777', '999', 'Exx', 'Nxx', 'Sxx' and 'Xxx'. (As a measure of consistency between this 856A IC and the 858B IC enter triple-position codes 'Exx', 'Nxx', 'Sxx' and 'Xxx' where the first byte is literal and the 'xx' represent any valid alpha-numeric value that completes the code as defined by the Supply Community).	
		NOTE: Change per DM 1015	
X	MAN03	87 Marks and Numbers	O AN 1/48
		Marks and numbers used to identify a shipment or parts of a shipment	
X	MAN04	88 Marks and Numbers Qualifier	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:**

[9] DTM SEGMENT - Receipt Notice Date/Time Received  
[24] DTM SEGMENT - Shipment-C Notice Date/Time Shipped  
SEGMENT CONDITION: Use segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S') to indicate the date and time the consolidated shipment was shipped.  
[25] DTM SEGMENT - Shipment-C Notice Date/Time Received  
SEGMENT CONDITION: As applicable, use segment in a Line Item Loop (HL03='I') to indicate the date and time the shipment unit TCN was received at the transship point.  
[72] DTM SEGMENT - Estimated Delivery Date  
SEGMENT CONDITION: Use only and required if Due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator).  
[73] DTM SEGMENT - Due-In Notice Required Delivery Date (RDD)  
SEGMENT CONDITION: Use only and required if Due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator).  
[74] DTM SEGMENT - Due-In Notice Date/Time Shipped  
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.  
[75] DTM SEGMENT - Due-In Notice Date/Time Received  
SEGMENT CONDITION: As applicable, use segment in a Shipment Loop (HL03 = 'S') to indicate the date and time the shipment unit TCN was received at the transship point. If the due-in transaction is being generated at the shipment origin, then do not use this segment.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		[9-01] Receipt Notice Date/Time Received Qualifier	
		[24-01] Shipment-C Notice Date/Time Shipped Qualifier	
		[25-01] Shipment-C Notice Date/Time Received Qualifier	
		[72-01] Estimated Delivery Date Qualifier	
		[73-01] RDD Qualifier	
		[74-01] Due-In Notice Date/Time Shipped Qualifier	
		[75-01] Due-In Notice Date/Time Received Qualifier	
		011 Shipped	
		[24-01] Shipped	
		[74-01] Shipped	
		017 Estimated Delivery	
		[72-01] Estimated Delivery	
		050 Received	
		[9-01] Received	
		[25-01] Received	
		[75-01] Received	

996 Required Delivery  
 A date on which or before, ordered goods or services must be delivered  
 [73-01] Required Delivery

>> **DTM02 373 Date X DT 8/8**

Date expressed as CCYYMMDD

[9-02] Receipt Notice Date Received

Enter date received in Coordinated Universal Time (i.e., Universal Time Coordinate (UTC) also referred to as Greenwich Mean Time (GMT)). Use format CCYYMMDD.

[24-02] Shipment-C Notice Date Shipped

Enter date shipped in Coordinated Universal Time (i.e., Universal Time Coordinate (UTC) also referred to as Greenwich Mean Time (GMT)).

[25-02] Shipment-C Notice Date Received

Enter date received by Transshipper in Coordinated Universal Time (i.e., Universal Time Coordinate (UTC) also referred to as Greenwich Mean Time (GMT)).

[72-02] Estimated Delivery Date

[73-02] Due-In Notice RDD

Convert the Julian date to format CCYYMMDD. If CDP record positions 61/63 are other than 1 to 366, then map to MAN02 as an expedited handling code. See DTR Part II, Chapter 203, paragraph B.4.c.

[74-02] Due-In Notice Date Shipped

Enter date of shipment in Coordinated Universal Time (i.e., Universal Time Coordinate (UTC) also referred to as Greenwich Mean Time (GMT)).

[75-02] Due-In Notice Date Received

Enter date received by Transshipper in Coordinated Universal Time (i.e., Universal Time Coordinate (UTC) also referred to as Greenwich Mean Time (GMT)).

**DTM03 337 Time X TM 4/8**

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

[9-03] Receipt Notice Time Received

Enter the time received in Coordinated Universal Time. Use format HHMMSS.

[24-03] Shipment-C Notice Time Shipped

Enter the time shipped in Coordinated Universal Time.

[25-03] Shipment-C Notice Time Received

Enter the time received in Coordinated Universal Time.

[74-03] Due-In Notice Time Shipped

Enter the time received in Coordinated Universal Time. Use format HHMMSS.

[75-03] Due-In Notice Time Received

Enter the time received in Coordinated Universal Time. Use format HHMMSS.

**DTM04 623 Time Code O ID 2/2**

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

[9-04] Receipt Notice Time Qualifier Code

ELEMENT CONDITION: Required if DTM 03 is used.

SOURCE: ISO 8601 available from American National Standards Institute

[24-04] Shipment-C Notice Time Qualifier Code

ELEMENT CONDITION: Required if DTM 03 is used.

SOURCE: ISO 8601 available from American National Standards Institute

[25-04] Shipment-C Notice Time Qualifier Code

ELEMENT CONDITION: Required if DTM 03 is used.

SOURCE: ISO 8601 available from American National Standards Institute  
[74-04] Due-In Notice Time Qualifier Code  
ELEMENT CONDITION: Required if DTM 03 is used.  
SOURCE: ISO 8601 available from American National Standards Institute  
[75-04] Due-In Notice Time Qualifier Code  
ELEMENT CONDITION: Required if DTM 03 is used.  
SOURCE: ISO 8601 available from American National Standards Institute

- |    |   |
|----|---|
| 01 | Equivalent to ISO P01<br>[9-04] Equivalent to ISO P01 |
| 02 | Equivalent to ISO P02<br>[9-04] Equivalent to ISO P02 |
| 03 | Equivalent to ISO P03<br>[9-04] Equivalent to ISO P03 |
| 04 | Equivalent to ISO P04<br>[9-04] Equivalent to ISO P04 |
| 05 | Equivalent to ISO P05<br>[9-04] Equivalent to ISO P05 |
| 06 | Equivalent to ISO P06<br>[9-04] Equivalent to ISO P06 |
| 07 | Equivalent to ISO P07<br>[9-04] Equivalent to ISO P07 |
| 08 | Equivalent to ISO P08<br>[9-04] Equivalent to ISO P08 |
| 09 | Equivalent to ISO P09<br>[9-04] Equivalent to ISO P09 |
| 10 | Equivalent to ISO P10<br>[9-04] Equivalent to ISO P10 |
| 11 | Equivalent to ISO P11<br>[9-04] Equivalent to ISO P11 |
| 12 | Equivalent to ISO P12<br>[9-04] Equivalent to ISO P12 |
| 13 | Equivalent to ISO M12<br>[9-04] Equivalent to ISO M12 |
| 14 | Equivalent to ISO M11<br>[9-04] Equivalent to ISO M11 |
| 15 | Equivalent to ISO M10<br>[9-04] Equivalent to ISO M10 |
| 16 | Equivalent to ISO M09<br>[9-04] Equivalent to ISO M09 |
| 17 | Equivalent to ISO M08<br>[9-04] Equivalent to ISO M08 |
| 18 | Equivalent to ISO M07<br>[9-04] Equivalent to ISO M07 |
| 19 | Equivalent to ISO M06<br>[9-04] Equivalent to ISO M06 |
| 20 | Equivalent to ISO M05<br>[9-04] Equivalent to ISO M05 |
| 21 | Equivalent to ISO M04<br>[9-04] Equivalent to ISO M04 |
| 22 | Equivalent to ISO M03<br>[9-04] Equivalent to ISO M03 |

23	Equivalent to ISO M02 [9-04] Equivalent to ISO M02
24	Equivalent to ISO M01 [9-04] Equivalent to ISO M01
AD	Alaska Daylight Time [9-04] Alaska Daylight Time
AS	Alaska Standard Time [9-04] Alaska Standard Time
AT	Alaska Time [9-04] Alaska Time
CD	Central Daylight Time [9-04] Central Daylight Time
CS	Central Standard Time [9-04] Central Standard Time
CT	Central Time [9-04] Central Time
ED	Eastern Daylight Time [9-04] Eastern Daylight Time
ES	Eastern Standard Time [9-04] Eastern Standard Time
ET	Eastern Time [9-04] Eastern Time
GM	Greenwich Mean Time [9-04] Greenwich Mean Time
HD	Hawaii-Aleutian Daylight Time [9-04] Hawaii-Aleutian Daylight Time
HS	Hawaii-Aleutian Standard Time [9-04] Hawaii-Aleutian Standard Time
HT	Hawaii-Aleutian Time [9-04] Hawaii-Aleutian Time
LT	Local Time [9-04] Local Time
MD	Mountain Daylight Time [9-04] Mountain Daylight Time
MS	Mountain Standard Time [9-04] Mountain Standard Time
MT	Mountain Time [9-04] Mountain Time
ND	Newfoundland Daylight Time [9-04] Newfoundland Daylight Time
NS	Newfoundland Standard Time [9-04] Newfoundland Standard Time
NT	Newfoundland Time [9-04] Newfoundland Time
PD	Pacific Daylight Time [9-04] Pacific Daylight Time
PS	Pacific Standard Time [9-04] Pacific Standard Time

PT	Pacific Time
	[9-04] Pacific Time
TD	Atlantic Daylight Time
	[9-04] Atlantic Daylight Time
TS	Atlantic Standard Time
	[9-04] Atlantic Standard Time
TT	Atlantic Time
	[9-04] Atlantic Time
UT	Universal Time Coordinate
	[9-04] Universal Time Coordinate
	[24-04] Universal Time Coordinate
	[25-04] Universal Time Coordinate
	[74-04] Universal Time Coordinate
	[75-04] Universal Time Coordinate

<b>X</b>	<b>DTM05</b>	<b>1250</b>	<b>Date Time Period Format Qualifier</b>	<b>X</b>	<b>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</b>	<b>AN 1/35</b>
			Expression of a date, a time, or range of dates, times or dates and times		

<b>Segment:</b>	<b>N1 Name</b>
<b>Position:</b>	220
<b>Loop:</b>	N1 Optional (Must Use)
<b>Level:</b>	Detail
<b>Usage:</b>	Optional (Must Use)
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify a party by type of organization, name, and code
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of N102 or N103 is required.</li> <li>2 If either N103 or N104 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	
<b>Comments:</b>	<ol style="list-style-type: none"> <li>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.</li> <li>2 N105 and N106 further define the type of entity in N101.</li> </ol>
<b>Notes:</b>	<p>[10] N1 SEGMENT - Receipt Notice Inventory Control Point Routing Identifier Code  LOOP CONDITION: For DLMS documented shipments, the CCP will populate this Receipt Notice Inventory Control Point (ICP) Routing Identifier Code (RIC) segment from the Materiel Release Order (MRO) transaction information identifying the ICP RIC that originated the MRO. If unknown, do not populate.</p> <p>[11] N1 SEGMENT - Receipt Notice Consignee DoDAAC  LOOP CONDITION: Use this segment to record the consignee DoDAAC, if applicable.</p> <p>[12] N1 SEGMENT - Receipt Notice Consolidation Location Indicator Contains the DoDAAC of the location receiving the shipment for consolidation and onward movement.</p> <p>[26] N1 SEGMENT - Shipment-C Notice CCP Code  LOOP CONDITION: As applicable, use segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S') to indicate the Transshipper's Consolidation and Containerization Point (CCP) code (DTR Part II, Appendix PP).</p> <p>[27] N1 SEGMENT - Shipment-C Notice Consignee DoDAAC  LOOP CONDITION: Use segment in each Shipment Loop (HL03 = 'S'), as applicable, to indicate the consignee DoDAAC for each single or consolidated shipment unit.</p> <p>[28] N1 SEGMENT - Shipment-C Notice ICP RIC  LOOP CONDITION: Inventory Control Point (ICP) Routing Identifier Code (RIC) that originated the Materiel Release Order (MRO) for the respective line item DLMS Requisition Document Number listed in the Line Item Loop. The CCP will populate this segment from the MRO transaction information. If unknown, do not populate.</p> <p>[29] N1 SEGMENT - Shipment-C Notice Consolidation Location Indicator Enter the DoDAAC of the location packaging the shipment for consolidation and onward movement.  LOOP CONDITION: Use segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S').</p> <p>[76] N1 SEGMENT - Shipper (SH)  LOOP CONDITION: Use only and required if Due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator).</p> <p>[78] N1 SEGMENT - Due-In Notice CCP Code  LOOP CONDITION: As applicable, use segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S') to indicate the Transshipper's Consolidation and Containerization Point (CCP) code (DTR Part II, Appendix PP).</p> <p>[79] N1 SEGMENT - Carrier (CA)  LOOP CONDITION: Use only and required if Due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator). Use only in the first shipment loop.</p> <p>[81] N1 SEGMENT - Due-In Notice Consignee DoDAAC  LOOP CONDITION: Use this segment in the Shipment loop (HL03 = 'S').</p> <p>[82] N1 SEGMENT - Due-In Notice ICP RIC The CCP will populate this segment from the MRO transaction information. If unknown, do not populate.  LOOP CONDITION: As applicable, use segment in each Line Item Loop (HL03 = 'T') to identify the Inventory Control Point (ICP) Routing Identifier Code (RIC) that originated</p>

the Materiel Release Order (MRO) for the respective line item DLMS Requisition Document Number listed in the Line Item Loop.

[83] N1 SEGMENT - Due-In Notice Consolidation Location Indicator Enter the DoDAAC of the location performing consolidation of the shipment unit for onward movement.  
 LOOP CONDITION: Use segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S').

[84] N1 SEGMENT - Transaction Recipient RIC/DoDAAC Use of this segment is necessary to facilitate providing RIC/DODAAC transactional routing information to enterprise logistics systems that collect large volumes of data, to ensure that they can differentiate the multitude of due-in notices associated with a shipment TCN that transits multiple transportation nodes.  
 LOOP CONDITION: Use this segment only in the first Shipment loop (HL01 = '1' and HL03 = 'S') to identify the next node in the transportation pipeline to receive the Due-In Notice. For DLA, also use this segment in each individual 'I' loop to correlate with the legacy CDF rp4/6 value.

[85] N1 SEGMENT - Original Sender RIC/DoDAAC  
 LOOP CONDITION: Use this segment only in the first shipment loop (HL01 = '1' and HL03 = 'S') to identify the origin node in the distribution pipeline generating the Due-In Notice. For DLA, also use this segment in each individual 'I' loop to correlate with the legacy CDF rp 67/69 value.

[86] N1 SEGMENT - Due-In Notice Ship To DoDAAC  
 LOOP CONDITION: Use this segment if the Ship To DoDAAC is different from the consignee DoDAAC. Pass in the HL03='I' loop.

[87] N1 SEGMENT - Due-In Notice Consignor DoDAAC  
 LOOP CONDITION: Use this segment to identify the DoDAAC of the shipping activity as applicable. Do not enter a CAGE code. Pass in the HL03='S' loop.

**Data Element Summary**

<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		[10-01] Receipt Notice Inventory Control Point (ICP) Qualifier	
		Receipt ICP Qualifier	
		[11-01] Receipt Notice Consignee Qualifier	
		[12-01] Receipt Notice Consolidation Location Qualifier	
		[26-01] Shipment-C Notice CCP Entity Identifier Code	
		[27-01] Shipment-C Notice Consignee Qualifier	
		[28-01] Shipment-C Notice ICP Qualifier	
		[29-01] Shipment-C Notice Consolidation Location Qualifier	
		[76-01] Shipper Identifier Qualifier	
		[78-01] Due-In Notice CCP Entity Identifier Code	
		[79-01] Carrier Identifier Code	
		[81-01] Consignee Qualifier	
		[82-01] Due-In Notice ICP Qualifier	
		[83-01] Due-In Notice Consolidation Location Qualifier	
		[84-01] Transaction Recipient Qualifier	
		Use '40' to indicate that DAASC should forward this transaction to the RIC/DoDAAC indicated for a third party.	
		[85-01] Original Sender Qualifier	
		[86-01] Ship To Qualifier	
		[87-01] Consignor Qualifier	
		40 Receiver	
		Entity to accept transmission	
		[84-01] Receiver	



[11-03] Receipt Notice DoDAAC Qualifier  
 [12-03] Receipt Notice DoDAAC Qualifier  
 [26-03] Shipment-C Notice CCP Identification Code Qualifier  
 [27-03] Shipment-C Notice DoDAAC Qualifier  
 [28-03] Shipment-C Notice RIC Qualifier  
 [29-03] Shipment-C Notice Consolidation Location DoDAAC Qualifier  
 [76-03] Shipper DoDAAC Qualifier  
 [78-03] Due-In Notice CCP Identification Code Qualifier  
 [79-03] Carrier SCAC Qualifier  
 [81-03] DoDAAC Qualifier  
 [82-03] Due-In Notice RIC Qualifier  
 [83-03] Due-In Notice Consolidation Location DoDAAC Qualifier  
 [84-03] RIC/DoDAAC Qualifier  
 [85-03] RIC/DoDAAC Qualifier  
 [86-03] DoDAAC Qualifier  
 [87-03] DoDAAC Qualifier

2 Standard Carrier Alpha Code (SCAC)  
 [79-03] Standard Carrier Alpha Code (SCAC)

10 Department of Defense Activity Address Code (DODAAC)  
 [11-03] Department of Defense Activity Address Code (DODAAC)  
 [12-03] Department of Defense Activity Address Code (DODAAC)  
 [27-03] Department of Defense Activity Address Code (DODAAC)  
 [29-03] Department of Defense Activity Address Code (DODAAC)  
 [76-03] Department of Defense Activity Address Code (DODAAC)  
 [81-03] Department of Defense Activity Address Code (DODAAC)  
 [83-03] Department of Defense Activity Address Code (DODAAC)  
 [84-03] Department of Defense Activity Address Code (DODAAC)  
 [85-03] Department of Defense Activity Address Code (DODAAC)  
 [86-03] Department of Defense Activity Address Code (DODAAC)  
 [87-03] Department of Defense Activity Address Code (DODAAC)

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  
 [10-03] Department of Defense Routing Identifier Code (RIC)  
 [12-03] Department of Defense Routing Identifier Code (RIC)  
 [28-03] Department of Defense Routing Identifier Code (RIC)  
 [82-03] Department of Defense Routing Identifier Code (RIC)  
 [84-03] Department of Defense Routing Identifier Code (RIC)  
 [85-03] Department of Defense Routing Identifier Code (RIC)

ZZ Mutually Defined  
 [26-03] Mutually Defined  
 Use 'ZZ' to denote Military Standard Movement

Procedures (Defense Transportation Regulation)  
 [78-03] Mutually Defined  
 Use 'ZZ' to denote Military Standard Movement  
 Procedures (Defense Transportation Regulation)

>>	<b>N104</b>	<b>67</b>	<b>Identification Code</b>	<b>X AN 2/80</b>
			Code identifying a party or other code	
			[10-04] Receipt Notice Inventory Control Point (ICP) RIC Enter the RIC for the ICP.	
			[11-04] Receipt Notice Consignee DoDAAC Enter the ultimate consignee DoDAAC for line item document number identified in the REF02 - Receipt Notice Document Number (X12 Table 2 Position 150). Source information as available; or, as indicated by the Signal Code in DLMS Materiel Release Order transactions, source the DoDAAC either from the first six positions of the line item Materiel Release Order document number or from the Supplementary Address DoDAAC.	
			[12-04] Receipt Notice Consolidation Location DoDAAC ELEMENT CONDITION: Enter the DoDAAC of the Consolidation Location, as applicable.	
			[26-04] Shipment-C Notice CCP Identification Code Enter three-position CCP or code for the Transshipper processing shipment units for consolidation. See DTR Part II, Appendix PP for code list.	
			[27-04] Shipment-C Notice Consignee DoDAAC Enter consignee DoDAAC for the shipment unit identified in this instance of the HL loop.	
			[28-04] Shipment-C Notice ICP RIC Enter the RIC for the ICP.	
			[29-04] Shipment-C Notice Consolidation Location DoDAAC Enter the DoDAAC of the Consolidation Location, as applicable.	
			[76-04] Shipper DoDAAC	
			[78-04] Due-In Notice CCP Identification Code Enter three-position CCP or code for the Transshipper processing shipment units for consolidation. See DTR Part II, Appendix PP for code list.	
			[79-04] Carrier SCAC NOTE: Attribute length changed to 2/4 per DM 1023.	
			[81-04] Due-In Notice Consignee DoDAAC Enter the Ultimate Consignee DoDAAC for the TCN.	
			[82-04] Due-In Notice ICP RIC Enter the RIC for the ICP.	
			[83-04] Due-In Notice Consolidation Location DoDAAC Enter the DoDAAC of the Consolidation Location, as applicable.	
			[84-04] Transaction Recipient RIC/DoDAAC Enter the RIC/DoDAAC for the party to receive this transaction.	
			[85-04] Original Sender RIC/DoDAAC Enter the RIC/DoDAAC of the original party sending this transaction.	
			[86-04] Due-In Notice Ship To DoDAAC Enter the Due-In Ship To DoDAAC.	
			[87-04] Due-In Notice Consignor DoDAAC Enter DoDAAC of Due-In Shipping Activity.	
X	<b>N105</b>	<b>706</b>	<b>Entity Relationship Code</b>	<b>O ID 2/2</b>
			Code describing entity relationship Refer to 004010 Data Element Dictionary for acceptable code values.	
X	<b>N106</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>O ID 2/3</b>
			Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	

**Segment:** **PER Administrative Communications Contact**  
**Position:** 270  
**Loop:** N1 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

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

**Notes:**  
[77] PER SEGMENT - Shipper (SH) Emergency Contact  
SEGMENT CONDITION: Use only and required if Due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator). Use only in the first shipment loop.  
[80] PER SEGMENT - Carrier (CA) Emergency Contact  
SEGMENT CONDITION: Use only and required if Due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator). Use only in the first shipment loop.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named [77-01] Shipper (SH) Emergency Contact Qualifier [80-01] Carrier (CA) Emergency Contact Qualifier CA Customer Contact Granting Appointment [80-01] Customer Contact Granting Appointment Use 'CA' to denote Carrier Emergency Contact SH Shipper Contact [77-01] Shipper Contact	M ID 2/2
>>	PER02	93	<b>Name</b> Free-form name [77-02] Shipper Emergency Contact Name	O AN 1/60
>>	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number [77-03] E-mail Address Qualifier [80-03] E-mail Address Qualifier EM Electronic Mail [77-03] Electronic Mail [80-03] Electronic Mail	X ID 2/2
>>	PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable [77-04] Shipper E-mail Address [80-04] Carrier E-mail Address	X AN 1/80
>>	PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number [77-05] Phone Number Qualifier [80-05] Phone Number Qualifier TE Telephone [77-05] Telephone [80-05] Telephone	X ID 2/2

>>	<b>PER06</b>	<b>364</b>	<b>Communication Number</b>	<b>X</b>	<b>AN 1/80</b>
			Complete communications number including country or area code when applicable		
			[77-06] Shipper Phone Number		
			[80-06] Carrier Phone Number		
<b>X</b>	<b>PER07</b>	<b>365</b>	<b>Communication Number Qualifier</b>	<b>X</b>	<b>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</b>	<b>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</b>	<b>AN 1/20</b>
			Additional reference number or description to clarify a contact number		

**Segment:** **LM** Code Source Information  
**Position:** 340  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 LM02 identifies the applicable industry code list source information.  
**Notes:**

[30] LM SEGMENT - Shipment-C Notice Port of Embarkation Terminal Identification Code  
 LOOP CONDITION: Segment is required if Port of Embarkation is identified for onward movement. As applicable, use loop only in the first Shipment Loop (HL01 = '1' and HL03 = 'S').

[32] LM SEGMENT - Shipment-C Notice Port Consolidation Terminal Identification Code  
 LOOP CONDITION: Segment is required to identify a Transshipper consolidation point located at an air or water port/terminal. As applicable, use loop only in the first Shipment Loop (HL01 = '1' and HL03 = 'S').

[88] LM SEGMENT - Code Source Information  
 LOOP CONDITION: Segment is required to satisfy X12 syntax when any of the following DOD unique codes must be passed: Air and Water Commodity Codes/Special Handling Codes, Type Pack Codes, Document ID Codes, Project Codes, Container Number, Material Condition Codes, CIIC Codes.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values [30-01] Shipment-C Notice Port of Embarkation Qualifier [32-01] Shipment-C Notice Port Consolidation Terminal Identification Qualifier [88-01] Mandatory Data Element Element required to satisfy X12 syntax.	M ID 2/2
			AE Advertising Industry [30-01] Advertising Industry Use 'AE' to denote Port of Embarkation Terminal	
			DF Department of Defense (DoD) [88-01] Department of Defense (DoD)	
			PC Pennsylvania Courts [32-01] Pennsylvania Courts Use 'PC' to denote Port Consolidation Terminal	
X	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

<b>Segment:</b>	<b>LQ Industry Code</b>
<b>Position:</b>	350
<b>Loop:</b>	LM Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	100
<b>Purpose:</b>	Code to transmit standard industry codes
<b>Syntax Notes:</b>	1 If LQ01 is present, then LQ02 is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	
<b>Notes:</b>	<p>[31] LQ SEGMENT - Shipment-C Notice Industry Code for Air or Water Terminal SEGMENT CONDITION: Segment is required if Port of Embarkation is identified for onward movement. Use segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S').</p> <p>[33] LQ SEGMENT - Shipment-C Notice Industry Code for Air or Water Terminal SEGMENT CONDITION: Segment is required if a Port of Embarkation is identified as a consolidation point. Use segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S').</p> <p>[89] LQ SEGMENT - Due-In Notice Type Pack Code SEGMENT CONDITION: This segment is MANDATORY for all shipment loops (HL03='S').</p> <p>[90] LQ SEGMENT - Due-In Notice Air Dimension Code SEGMENT CONDITION: Required when Air Dimension Code applies. Pass in the HL03='S' loop.</p> <p>[91] LQ SEGMENT - Due-In Notice Water Type Cargo Code SEGMENT CONDITION: This segment is MANDATORY for all shipment loops (HL03='S') when a water commodity code is used.</p> <p>[92] LQ SEGMENT - Due-In Notice Water/Air Commodity Code SEGMENT CONDITION: Use this segment for shipment loops (HL03 = 'S') as applicable. If this segment is used, the LQ Segment for Special Handling Code must also be used. If this segment is used to carry the water commodity code, then the LQ Segment for Water Type Cargo Code must also be used.</p> <p>[93] LQ SEGMENT - Due-In Notice Water/Air Special Handling Code SEGMENT CONDITION: If this segment is used, the LQ Segment for Water/Air Commodity Code must also be used. If this segment is used to carry the water special handling code, then the LQ Segment for Water Type Cargo Code must also be used.</p> <p>[94] LQ SEGMENT - Due-In Notice Seavan or CONEX Container Number SEGMENT CONDITION: Use this segment in the first shipment loop (HL01='1' and HL03='S') to pass the ocean container owner, number and check digit information or CONEX container number as applicable.</p> <p>[95] LQ SEGMENT - Due-In Notice Project Code SEGMENT CONDITION: Use this segment in the line item loop (HL03='I') to identify the project code, if available.</p> <p>[96] LQ SEGMENT - Due-In Notice Material Condition Code SEGMENT CONDITION: Use this segment in the line item loop (HL03='I') to identify the material condition code, if available.</p> <p>[97] LQ SEGMENT - Due-In Notice Controlled Inventory Item Code (CIIC) SEGMENT CONDITION: Use this segment in the line item loop (HL03='I') to identify the CIIC for the item, if applicable. Mandatory for items that require a REPSHIP and have an associated CIIC.</p> <p>[98] LQ SEGMENT - Due-In Notice Port Consolidation Terminal Code SEGMENT CONDITION: Segment is required if a Port of Embarkation is identified as a transshipper consolidation point. Use segment only in the first Shipment Loop (HL01 = '1') and (HL03 = 'S').</p>

## Data Element Summary

Ref. <u>Des.</u> LQ01	Data <u>Element</u> 1270	<u>Name</u> Code List Qualifier Code	<u>Attributes</u> O ID 1/3
>>		Code identifying a specific industry code list	
		[31-01] Shipment-C Notice Industry Code for Air or Water Terminal Qualifier Code value identifies the mode relationship (air or water) for the port/terminals shown in the LQ02 data element. (The mode relationship must be identified because the Air Terminal Identifier Code list and the Seaport Identifier Code list provided in the DTR Part II Appendices CC and MM, respectively, use some of the same codes.)	
		[33-01] Shipment-C Notice Industry Code for Air or Water Terminal Qualifier Code value identifies the mode relationship (air or water) for the port/terminals shown in the LQ02 data element. (The mode relationship must be identified because the Air Terminal Identifier Code list and the Seaport Identifier Code list provided in the DTR Part II Appendices CC and MM, respectively, use some of the same codes.)	
		[89-01] Type Pack Code Qualifier	
		[90-01] Air Dimension Code Qualifier	
		[91-01] Water Type Cargo Code Qualifier	
		[92-01] Water/Air Commodity Code Qualifier	
		[93-01] Water/Air Special Handling Qualifier (The preceding LQ segment identifies associated Commodity Codes.)	
		[94-01] Due-In Notice Container Information Qualifier For a CONEX use code '32' in the LQ01 and enter the complete CONEX number in the corresponding LQ02 element. For a Container, repeat the LQ segment three times, using the code values as follows: In the first LQ01, use '44' to denote Container Owner Code, and convey the Container Owner Code in the corresponding LQ02 element. In the second LQ01, use '32' to denote Container Serial Number, and convey the Container Serial Number in the corresponding LQ02 element. In the third LQ01, use 'CK' to denote Container Check Digit, and convey the Container Check Digit in the corresponding LQ02 element.	
		[95-01] Due-In Notice Project Code Qualifier	
		[96-01] Due-In Notice Material Condition Code Qualifier	
		[97-01] Due-In Notice CHIC Qualifier	
		[98-01] Water/Air Port Qualifier Code value identifies the mode relationship (air or water) for the port/terminals shown in the LQ02 data element. (The mode relationship must be identified because the Air Terminal Identifier Code list and the Seaport Identifier Code list provided in the DTR Part II Appendices CC and MM, respectively, use some of the same codes.)	
		32 Container and Roll-on/Roll-off Number Code Specific containers, unitized pallets, or roll-on/roll-off trailers	
		[94-01] Container and Roll-on/Roll-off Number Code Use '32' to denote Container Serial Number	
		33 Air Commodity and Special Handling Code An air commodity and its special handling requirements	
		[92-01] Air Commodity and Special Handling Code Use '33' to denote (Only) Air Commodity Code	
		34 Water Commodity and Special Handling Code A water commodity and its special handling requirements	
		[92-01] Water Commodity and Special Handling Code Use '34' to denote (Only) Water Commodity Code	
		35 Air Dimension Code A shipment has one or more outsized dimensions, or is consolidated, or both	
		[90-01] Air Dimension Code	



Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association

[33-02] Shipment-C Notice Port Consolidation Terminal Code

As applicable, enter the three-character Air Terminal Identifier Code or Seaport Identifier Code for the Transshipper consolidation point (DTR Part II Appendix CC or MM).

SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association

[89-02] Due-In Notice Type Pack Code

Enter DoD unique Due-In Type Pack Code of material. Valid code values may be found in the TRDM table TYPE\_PACK, mirrored at

[http://www.transcom.mil/dteb/files/refdata/V\\_TYPE\\_PACK.htm](http://www.transcom.mil/dteb/files/refdata/V_TYPE_PACK.htm)

If consolidated pack enter value 'CP'.

If more than one Type Pack Code in the shipment unit enter value 'MX'.

SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association

[90-02] Due-In Notice Air Dimension Code

Enter Due-In Air Dimension Code.

SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association

[91-02] Due-In Notice Water Type Cargo Code

Enter applicable Water Type Cargo Code.

SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association

[92-02] Due-In Notice Water/Air Commodity Code

Enter Air [CD: 16/16] or Water Commodity Code [CDP: 13/15] as applicable and qualified by LQ01. This is paired with the Special Handling Code that is mapped to the following LQ segment (Special Handling Code).

SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association

[93-02] Due-In Notice Water/Air Special Handling Code

Enter applicable Special Handling Code. This is paired with the Commodity Code that is mapped to the previous LQ segment (Commodity Code).

SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association

[94-02] Due-In Notice Container Number

SEAVAN container owner will be four positions. SEAVAN container serial number will be six positions, CONEX container serial number may be up to 15 positions. SEAVAN container check digit will be one position.

SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue

Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association

[95-02] Due-In Notice Project Code

Enter Project Code.

SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association

[96-02] Due-In Notice Material Condition Code

Enter the Material Condition Code as identified on the Material Release Order.

SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association

[97-02] Due-In Notice CIIC

Enter the CIIC code for the line item, if applicable.

SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association

[98-02] Due-In Notice Port Consolidation Terminal Code

As applicable, enter the three-character Air Terminal Identifier Code or Seaport Identifier Code for the Transshipper consolidation point (DTR Part II Appendix CC or MM).

SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American

Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association

**Segment:** **V1** Vessel Identification  
**Position:** 360  
**Loop:** V1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To provide vessel details and voyage number  
**Syntax Notes:** 1 At least one of V101 or V102 is required.  
 2 If V108 is present, then V101 is required.  
**Semantic Notes:** 1 V103 is the code identifying the country in which the ship (vessel) is registered.  
 2 V105 identifies the ocean carrier.  
**Comments:**  
**Notes:** [99] V1 SEGMENT - Due-In Notice Port Code Loop  
 LOOP CONDITION: Use this segment in the first shipment loop (HL01='1' and HL03='S') to identify the aerial or water ports for the movement, if applicable.

#### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>	V101	597	Vessel Code Code identifying vessel [99-01] Loop Header Requirement Enter value zero (0) to satisfy X12 syntax requirement. SOURCE: Lloyd's Register of Shipping	X ID 1/8
X	V102	182	Vessel Name Name of ship as documented in "Lloyd's Register of Ships"	X AN 2/28
X	V103	26	Country Code Code identifying the country	O ID 2/3
X	V104	55	Flight/Voyage Number Identifying designator for the particular flight or voyage on which the cargo travels	O AN 2/10
X	V105	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	O ID 2/4
X	V106	249	Vessel Requirement Code Code specifying options for satisfying vessel requirements Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1
X	V107	854	Vessel Type Code Code to determine type of vessel Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
X	V108	897	Vessel Code Qualifier Code specifying vessel code source Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1
X	V109	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/2

**Segment:** **R4** Port or Terminal  
**Position:** 370  
**Loop:** V1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** Contractual or operational port or point relevant to the movement of the cargo  
**Syntax Notes:** 1 If either R402 or R403 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 R4 is required for each port to be identified.  
**Notes:** [100] R4 SEGMENT - Due-In Notice Port Codes  
 SEGMENT CONDITION: Use this segment in the first shipment loop (HL01='1' and HL03='S') to identify the aerial or water ports for the movement, if applicable.

#### Data Element Summary

Ref.	Data Element	Name	Attributes
M	R401	115 Port or Terminal Function Code	M ID 1/1
		Code defining function performed at the port or terminal with respect to a shipment	
		[100-01] Due-In Notice Port Function	
		D Port of Discharge (Operational) Port at which cargo is unloaded from vessel	
		[100-01] Port of Discharge (Operational) Use 'D' to denote Port of Debarkation	
		L Port of Loading (Operational) Port at which cargo is loaded on vessel	
		[100-01] Port of Loading (Operational) Use 'L' to denote Port of Embarkation	
>>	R402	309 Location Qualifier	X ID 1/2
		Code identifying type of location	
		[100-02] Due-In Notice Port Qualifier	
		SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)	
		IM Military Standard Movement Procedures (MILSTAMP)	
		[100-02] Military Standard Movement Procedures (MILSTAMP) Use 'IM' to denote Military Port Codes	
	R403	310 Location Identifier	X AN 1/30
		Code which identifies a specific location	
		[100-03] Due-In Notice Port Code	
		Enter the Military Port Code.	
X	R404	114 Port Name	O AN 2/24
		Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property	
X	R405	26 Country Code	O ID 2/3
		Code identifying the country	
X	R406	174 Terminal Name	O AN 2/30
		Free-form field for terminal name	
X	R407	113 Pier Number	O AN 1/4
		Identifying number for the pier	
X	R408	156 State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	

**Segment:** **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:** [101] SE SEGMENT - Receipt/Shipment-Consolidation Notice/Due-In Notice 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	
			[101-01] 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	
			[101-02] 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 - Receipt/Shipment-Consolidation Notice/Due-In Notice Header</b>	M	1	010	M	1							
1-01		Transaction Set Identifier Code 856 - Ship Notice/Manifest	M ID 3/3	1	010	M	1				ST01	143	M	ID 3/3
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> RECEIPT NOTICE: A Receipt Notice shall be used by: -- DLA Consolidation and Containerization Points (CCPs) to capture shipment content line item level information as a shipment enters the DoD distribution process. -- Other Transshippers if they physically break down a shipment unit to the line item document number level for re-packaging into another shipment unit. The Receipt Notice may be used by other Transshippers as required by applicable regulations. SHIPMENT-C NOTICE: The Shipment-C Notice identifies a re-packaged single shipment unit or a consolidated shipment unit as follows (see DoD 4140.1-R and DoD 4500.1-R): -- A single line item or multiple line items re-packaged into a single shipment unit documented with a Shipment Transportation Control Number (TCN). (Note: For the rare occasion that a single line item is re-packaged and manifested as a single shipment unit from a transship point, the Shipment-C Notice will be used to document the Shipment TCN assignment to the line item. -- Shipment units (single/consolidated) and zero or more line items packed/crated/containerized into a consolidated shipment unit documented with an Intermediate TCN that is further consolidated into a higher level shipment unit. -- Shipment units (single/consolidated) and zero or more line items packed/crated/containerized into the highest level of consolidation that is documented with a Conveyance TCN. A Shipment-C Notice shall be submitted by the following activities: -- Origin shippers to document the generation and use of Intermediate TCNs and Conveyance TCNs. -- Transshippers to document the generation and use of Shipment TCNs, Intermediate TCNs, and Conveyance TCNs. DUE-IN NOTICE: The due-in notice will be generated by a shipper, transshipper, or port to document the release of a shipment to the next transportation node. The due-in notice will fully document the line item information normally found in the legacy CDF MILS transaction and the Material Release Order (MRO), the pack information containing the RFID tag information for each shipment unit, and the shipment information normally conveyed by the shipment TAW/TAV and CDP/CDY/CBF transactions. The shipment information will be conveyed for all levels of consolidation (e.g., conveyance* TCN for 463L pallet or container; intermediate TCNs contained within the conveyance, and shipment unit TCNs contained within each intermediate TCN). The receiving node will use the due-in notice to document advance warning of an inbound shipment and to ultimately facilitate incheck of that shipment and preparation of a follow-on due-in notice if the shipment is moved on to another transportation node. (*The use of the term conveyance TCN is to distinguish this from 'children' TCNs of varying levels inside a container or 463L pallet.) REPSHIP For shipments that fall within the Report of Shipment (REPSHIP) requirements, the due-in notice will fill this reporting requirement, with the addition of several data elements as noted throughout the HL Due-in Notice loop.	M	1	020	M	1							See X12 Standards for explanation of syntax notes. C0706

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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	
2-01		Transaction Set Purpose Code  The Due-In Notice replaces the CDF, CDP, CBF, and CDY legacy MILS transactions and legacy shipper system flat file transactions. The Receipt Notice replaces the Receipt TAW legacy MILS transactions. The Shipment-C Notice replaces the Shipment TAW/TAV legacy MILS transactions.  14 - Advance Notification  <i>Use '14' to denote Due-In Notice..</i>  42 - Temporary Record  <i>Use '42' to denote Receipt Notice..</i>  ZZ - Mutually Defined  <i>Use 'ZZ' to denote Shipment-C Notice..</i>	M ID 2/2	1	020	M	1				BSN01	353	M ID 2/2	
2-02		Transaction Identification  The element is not used to provide unique information for this transaction. Enter '856A' to satisfy X12 syntax.  Sample Values: 856A	M AN 4/4	1	020	M	1				BSN02	396	M AN 2/30	
2-03		Date of Transaction Creation  Enter date this transaction was created in Coordinated Universal Time (i.e., Universal Time Coordinate (UTC) also referred to as Greenwich Mean Time (GMT)). Use format CCYYMMDD.	M DT 8/8	1	020	M	1				BSN03	373	M DT 8/8	
2-04		Time of Transaction Creation  Enter time this transaction was created in Coordinated Universal Time. Use format HHMM.	M TM 4/4	1	020	M	1				BSN04	337	M TM 4/8	
2-06		Transaction Type Code  Use 'TS' as an Indication to DAASC that this 856 transaction employs mapping for DTEB 856A IC (Receipt/Shipment-C/Due-In Notice).  ELEMENT CONDITION: Data element required only if agreed upon by DTEB and DAASC. (Note that using this data element requires a DAASC look-ahead capability to recognize code value 'TS' before commencing with translation.)  TS - Transfer Statement	C ID 2/2	1	020	M	1				BSN06	640	C ID 2/2	
2-07		REPSHIP Indicator Code  ELEMENT CONDITION: This indicator should used if Due-in Notice is also serving as a REPSHIP for all shipments that require a REPSHIP to be sent (e.g. Nuclear Weapon Related Material (NWRM), Arms, Ammunition, and Explosives (AA&E), etc..)  D61 - Special Permission  <i>Use 'D61' to denote REPSHIP Indication..</i>	C ID 3/3	1	020	M	1				BSN07	641	O ID 3/3	

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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	
3		<b>HL SEGMENT - Receipt Notice Loop</b> LOOP CONDITION: Use this HL loop only for a Receipt Notice (BSN01 = '42'); it may occur only once per transaction.	C	2	010	M	1	200000	1	HL				
3-01		Hierarchical ID Number Enter the number one (1).  Sample Values: 1	M AN 1/1	2	010	M	1	200000	1	HL	HL01	628	M AN	1/12
3-03		Hierarchical Level Code Use code value '9' to denote Line Item Detail.  9 - Line Detail  Use '9' to denote Line Item Detail.	M ID 1/1	2	010	M	1	200000	1	HL	HL03	735	M ID	1/2
4		<b>SN1 SEGMENT - Receipt Notice Line Item Quantity</b> SEGMENT CONDITION: Use this segment to record the line item (shipment content) quantity shipped to the consolidation location. Only use this segment for line item requisitions and line item shipping documents that list a single line item (e.g., one stock number, or one part number, or one nomenclature); otherwise, do not report.	C	2	030	O	1	200000	1	HL			See X12 Standards for explanation of syntax notes. P0506	
4-02		Receipt Notice Line Item Quantity Enter the quantity shipped to the consolidation location as indicated by the line item Materiel Release Document (DD Form 1348-1A), the packing list, or the other shipping documents used to identify the shipment's contents. This is the information for the entire shipment unit or shipment unit increment (partial or split) as identified in the accompanying documents. It is not just for the individual piece of a shipment unit or shipment unit increment.  [TAW 25/29]	M R 1/5	2	030	O	1	200000	1	HL	SN102	382	M R	1/10
4-03		Receipt Notice Shipment Unit or Basis for Measurement Code Use any data element (DE) 355 (Version 004010) code, other than code value 'ZZ', to identify as necessary, the unit of issue or purchase unit for the line item quantity shipped to the consolidation location as indicated by the line item Materiel Release Document (DD Form 1348-1A), the packing list, or the other shipping documents used to identify the shipment's contents. If the line item's unit of issue or purchase unit does not map to the DE 355 code table, use code value 'UN' as the default code.  See Section 6 for list of data values.	M ID 2/2	2	030	O	1	200000	1	HL	SN103	355	M ID	2/2
5		<b>REF SEGMENT - Receipt Notice Transportation Control Number (TCN)</b> SEGMENT CONDITION: Only one TCN shall be identified in a Receipt Notice transaction.	C	2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203	

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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	
5-01		Receipt Notice Transportation Control Number Qualifier TG - Transportation Control Number (TCN)  <i>Use 'TG' to denote TCN (Shipment, Intermediate, or Conveyance) of the shipment unit containing the line item being received.</i>	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3
5-02		Receipt Notice Transportation Control Number Enter the TCN of the shipment.  [TAW 8/24]	M AN 17/17	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
6		<b>REF SEGMENT - Receipt Notice Transportation Tracking Number (TTN)</b> SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number is applicable.	C	2	150	O	>1	200000	1	HL	See X12 Standards for explanation of syntax notes. R0203			
6-01		Receipt Notice Transportation Tracking Number (TTN) Qualifier 18 - Plan Number  <i>Use '18' to denote Receipt Notice Transportation Tracking Number (TTN)..</i>	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3
6-02		Receipt Notice Transportation Tracking Number (TTN)	M AN 17/17	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
7		<b>REF SEGMENT - Transportation Tracking Account Number (TTAN)</b>	C	2	150	O	>1	200000	1	HL	See X12 Standards for explanation of syntax notes. R0203			
7-01		Transportation Tracking Account Number (TTAN) Qualifier 14 - Master Account Number  <i>Use '14' to denote Transportation Tracking Account Number (TTAN)..</i>	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3
7-02		Transportation Tracking Account Number (TTAN)	M AN 13/13	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
8		<b>REF SEGMENT - Receipt Notice Document Number</b> Use this segment to record the line item (shipment contents) document number information for the shipment received. Enter the line item requisition document number, or the packing list number, or the identifying number of the shipping document used to identify the shipment's contents.  Only use this segment for line item requisitions and other line item shipping documents that list a single line item (e.g., one stock number, or one part number, or one nomenclature); otherwise, do not report.  Only one Document Number shall be identified in a Receipt Notice transaction.	M	2	150	O	>1	200000	1	HL	See X12 Standards for explanation of syntax notes. R0203			

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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			
8-01		Receipt Notice Document Number Qualifier 43 - Supporting Document Number  <i>Use '43' to denote Other Document Number..</i>  CT - Contract Number  PO - Purchase Order Number  RQ - Purchase Requisition Number  TN - Transaction Reference Number  <i>Use 'TN' to denote Requisition Number.</i>	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M	ID	2/3
8-02		Receipt Notice Document Number  Enter the requisition document number, or contract number, or purchase order number, or other document number for an individual line item in the shipment that has been received for consolidation and onward movement. Do not include a Defense Logistics Management System (DLMS) Requisition Document Number suffix in this entry.  [TAW 30/43]	M	AN	1/24	2	150	O	>1	200000	1	HL	REF02	127	C	AN	1/30
8-03		Receipt Notice DLMS Requisition Document Number Suffix  Enter the DLMS Requisition Document Number suffix.  [TAW 44/44]	C	AN	1/1	2	150	O	>1	200000	1	HL	REF03	352	C	AN	1/80
9		<b>DTM SEGMENT - Receipt Notice Date/Time Received</b>	M			2	200	O	10	200000	1	HL	See X12 Standards for explanation of syntax notes. R020305C0403P0506				
9-01		Receipt Notice Date/Time Received Qualifier 050 - Received	M	ID	3/3	2	200	O	10	200000	1	HL	DTM01	374	M	ID	3/3
9-02		Receipt Notice Date Received  Enter date received in Coordinated Universal Time (i.e., Universal Time Coordinate (UTC) also referred to as Greenwich Mean Time (GMT)). Use format CCYYMMDD.  [TAW 51/53]	M	DT	8/8	2	200	O	10	200000	1	HL	DTM02	373	C	DT	8/8
9-03		Receipt Notice Time Received  Enter the time received in Coordinated Universal Time. Use format HHMMSS.	C	TM	6/6	2	200	O	10	200000	1	HL	DTM03	337	C	TM	4/8

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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	
9-04		Receipt Notice Time Qualifier Code ELEMENT CONDITION: Required if DTM 03 is used.  SOURCE: ISO 8601 available from American National Standards Institute  See Section 6 for list of data values.	C	ID	2/2	2	200	O	10	200000	1	HL	DTM04	623	O ID 2/2
10		<b>N1 SEGMENT - Receipt Notice Inventory Control Point Routing Identifier Code</b>  LOOP CONDITION: For DLMS documented shipments, the CCP will populate this Receipt Notice Inventory Control Point (ICP) Routing Identifier Code (RIC) segment from the Materiel Release Order (MRO) transaction information identifying the ICP RIC that originated the MRO. If unknown, do not populate.	C			2	220	O	1	200	2	N1			See X12 Standards for explanation of syntax notes. R0203P0304
10-01		Receipt Notice Inventory Control Point (ICP) Qualifier  Receipt ICP Qualifier  Z4 - Owning Inventory Control Point	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M ID 2/3
10-03		Receipt Notice RIC Qualifier  M4 - Department of Defense Routing Identifier Code (RIC)	M	ID	2/2	2	220	O	1	200	2	N1	N103	66	C ID 1/2
10-04		Receipt Notice Inventory Control Point (ICP) RIC  Enter the RIC for the ICP.  [TAW 4/6]	M	AN	3/3	2	220	O	1	200	2	N1	N104	67	C AN 2/80
11		<b>N1 SEGMENT - Receipt Notice Consignee DoDAAC</b>  LOOP CONDITION: Use this segment to record the consignee DoDAAC, if applicable.	C			2	220	O	1	200	2	N1			See X12 Standards for explanation of syntax notes. R0203P0304
11-01		Receipt Notice Consignee Qualifier  CN - Consignee	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M ID 2/3
11-03		Receipt Notice DoDAAC Qualifier  10 - Department of Defense Activity Address Code (DODAAC)	M	ID	2/2	2	220	O	1	200	2	N1	N103	66	C ID 1/2
11-04		Receipt Notice Consignee DoDAAC  Enter the ultimate consignee DoDAAC for line item document number identified in the REF02 - Receipt Notice Document Number (X12 Table 2 Position 150). Source information as available; or, as indicated by the Signal Code in DLMS Materiel Release Order transactions, source the DoDAAC either from the first six positions of the line item Materiel Release Order document number or from the Supplementary Address DoDAAC.  [TAW 45/50]	M	AN	6/6	2	220	O	1	200	2	N1	N104	67	C AN 2/80

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
12		<b>N1 SEGMENT - Receipt Notice Consolidation Location Indicator</b> Contains the DoDAAC of the location receiving the shipment for consolidation and onward movement.	M		2	220	O	1	200	2	N1			See X12 Standards for explanation of syntax notes. R0203P0304	
12-01		Receipt Notice Consolidation Location Qualifier X2 - Party to Perform Packaging	M	ID 2/2	2	220	O	1	200	2	N1	N101	98	M	ID 2/3
12-02		Receipt Notice Consolidation Location Type [TAV 7/7],[TAW 7/7]  Sample Values: CP, HB, ZZ	M	AN 2/2	2	220	O	1	200	2	N1	N102	93	C	AN 1/60
12-03		Receipt Notice DoDAAC Qualifier 10 - Department of Defense Activity Address Code (DODAAC)  M4 - Department of Defense Routing Identifier Code (RIC)	C	ID 2/2	2	220	O	1	200	2	N1	N103	66	C	ID 1/2
12-04		Receipt Notice Consolidation Location DoDAAC ELEMENT CONDITION: Enter the DoDAAC of the Consolidation Location, as applicable.	C	AN 6/6	2	220	O	1	200	2	N1	N104	67	C	AN 2/80
13		<b>HL SEGMENT - Shipment-C Notice Loop</b> LOOP CONDITION: Use the HL loop only for a Shipment-C Notice (BSN01 = 'ZZ')  Shipment unit consolidation and/or line item consolidation transactions must include at least two HL loops. The HL looping notation is organized in a top-down nesting structure with the highest level parent consolidation listed first in the transaction, followed by succeeding lower levels of consolidation. The HL loop's child-to-parent notations track all of the consolidation levels. The final HL loops may identify single shipment units packed into a consolidated shipment unit or the final HL loops may identify one or more line items re-packaged into a single shipment unit. The first HL loop represents the highest-level of shipment consolidation which could be a SEAVAN, a 463L Pallet shipment unit, a box/crate containing other shipment units and line items, a re-packaged box/crate containing just multiple line items, and on occasion a re-packaged box/crate containing only a single line item. Succeeding HL loops establish child-to-parent relationships by encoded reference to their parent HL loop. Succeeding HL loops may be a child of a higher-level HL loop and may be the parent of a lower-level consolidation HL loop. By definition, a single shipment unit does not have any lower-level shipment units consolidated into it. If the first parent HL loop identifies a Conveyance Transportation Control Number (TCN), the succeeding HL Loop(s) must identify Intermediate TCNs and Shipment TCNs or just Shipment TCNs and may identify re-packaged, consolidated line items. If the first parent HL loop is a single shipment unit with a Shipment TCN, the succeeding loop's must identify one or more line items.	C		2	010	M	1	200000	1	HL				
13-01		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 1/12	2	010	M	1	200000	1	HL	HL01	628	M	AN 1/12

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes	
13-02		Hierarchical Parent ID Number  This data element will not be used in the initial loop. Use this element to link each child loop with its parent. Establish the link by copying the hierarchical (Segment) ID number of the parent HL loop here.	C AN 1/12	2	010	M	1	200000	1	HL	HL02	734	O AN	1/12
13-03		Hierarchical Level Code  Code values are used to define the character of an HL loop level in a nested, hierarchical structure. Use the informational code values, applicable to this transaction and the HL loop sequence to denote the DoD definitions as indicated. Use 'I' to identify Line Item Information in a Line Item Loop. A Line Item Loop should be subordinate to a Pack Loop; however, it may be subordinate to a Shipment Loop if a Pack Loop is not used. The Line Item Loop need only be used for line items re-packaged at a transship point. Use 'P' to identify RFID Tag Information and/or the Shipment Unity's 'piece of pieces' information in a Pack Loop. The Pack Loop is subordinate to a Shipment Loop. A Pack Loop may also be subordinate to another Pack Loop when used to identify a nested hierarchy of RFID tag information. Use 'S' to identify Shipment Unit Information in a Shipment Loop.  I - Item  P - Pack  S - Shipment	M ID 1/1	2	010	M	1	200000	1	HL	HL03	735	M ID	1/2
14		<b>SN1 SEGMENT - Shipment-C Notice Line Item Quantity</b>  SEGMENT CONDITION: Use this segment only in a Line Item Loop (HL03 = 'I')  For Line Item Loop entries, this segment indicates the quantity of a line item packed in the package or container which is identified in the parent Pack Loop (HL03 = 'P') or the parent Shipment Loop (HL03 = 'S') if a Pack Loop is not used. The value may be less than or equal to the total quantity issued on the line item document.  When a parent Pack Loop contains RFID tag information, this segment in the child Line Item Loop also indicates the quantity of the line items packaged and marked with the related RFID tag.	C	2	030	O	1	200000	1	HL			See X12 Standards for explanation of syntax notes. P0506	
14-02		Shipment-C Notice Line Item 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. This information is for the individual piece as identified by the parent Pack Loop or parent Shipment Loop for the shipment unit or shipment unit increment.  [TAW 25/29]	M R 1/5	2	030	O	1	200000	1	HL	SN102	382	M R	1/10

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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	
14-03		Shipment-C Notice Shipment Unit or Basis for Measurement Code  Use any data element (DE) 355 (Version 004010) code, other than code value 'ZZ', to identify as necessary, the unit of issue or purchase unit for the line item quantity shipped to the consolidation location as indicated by the line item Materiel Release Document (DD Form 1348-1A), the packing list, or the other shipping documents used to identify the shipment's contents. If the line item's unit of issue or purchase unit does not map to the DE 355 code table, use code value 'UN?' as the default code.  See Section 6 for list of data values.	M ID 2/2	2	030	O	1	200000	1	HL	SN103	355	M ID 2/2	
15		<b>TD1 SEGMENT - Shipment-C Notice Total Pieces in the Shipment Unit Increment</b>  SEGMENT CONDITION: For a multi-piece shipment or for a multi-piece shipment that has been "partialed" or split into shipment unit increments, use this segment in a Shipment Loop (HL03 = 'S') to account for the total pieces (one or more) in the shipment that have been labeled for movement. The Pieces value in the Piece-of-Pieces mark on a shipping label may not match with the total pieces in a shipment when the shipment unit has been "partialed" or split into shipment unit increments; for example, a split shipment unit increment containing two pieces could contain two packages labeled as 2 of 5 and 5 of 5. The Piece and Pieces values in a shipping label are not usually changed from an origin shipper's mark when a shipment is split at a transship point.	C	2	110	O	20	200000	1	HL	See X12 Standards for explanation of syntax notes. C0102C0304C0607P0708P0910			
15-01		Shipment-C Notice Packaging Code  Enter value 'PCS' to denote Pieces.  PCS - Pieces	M AN 3/3	2	110	O	20	200000	1	HL	TD101	103	O AN 3/5	
15-02		Shipment-C Notice Total Pieces in the Shipment Unit Increment  Enter the total number of pieces in the shipment unit increment.	M N0 1/7	2	110	O	20	200000	1	HL	TD102	80	C N0 1/7	
16		<b>REF SEGMENT - Shipment-C Notice Shipment Unit Transportation Control Number(TCN)</b>  SEGMENT CONDITION: This Shipment-C Notice Shipment Unit Transportation Control Number (TCN) segment is MANDATORY in all Shipment Loops (HL03 = 'S') to identify consolidated shipment units and single shipment units	C	2	150	O	>1	200000	1	HL	See X12 Standards for explanation of syntax notes. R0203			
16-01		Shipment-C Notice TCN Qualifier  TG - Transportation Control Number (TCN)  Use 'TG' to denote Shipment Unit TCN.	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3	
16-02		Shipment-C Notice TCN  Enter the TCN assigned to the shipment unit documented in the Shipment Loop.  [TAV 8/24],[TAV 28/44],[TAV 61/77],[TAW 8/24],[TAW 61/77]	M AN 17/17	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30	

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17		<b>REF SEGMENT - Shipment C-Notice Transportation Tracking Number (TTN)</b> SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number is applicable.	C	2	150	O	>1	200000	1	HL				
													See X12 Standards for explanation of syntax notes. R0203	
17-01		Shipment C-Notice Transportation Tracking Number (TTN) Qualifier 18 - Plan Number <i>Use '18' to denote Receipt Notice Transportation Tracking Number (TTN)..</i>	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M	ID 2/3
17-02		Shipment C-Notice Transportation Tracking Number (TTN)	M AN 17/17	2	150	O	>1	200000	1	HL	REF02	127	C	AN 1/30
18		<b>REF SEGMENT - Transportation Tracking Account Number (TTAN)</b>	C	2	150	O	>1	200000	1	HL				
													See X12 Standards for explanation of syntax notes. R0203	
18-01		Transportation Tracking Account Number (TTAN) Qualifier 14 - Master Account Number <i>Use '14' to denote Transportation Tracking Account Number (TTAN)..</i>	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M	ID 2/3
18-02		Transportation Tracking Account Number (TTAN)	M AN 13/13	2	150	O	>1	200000	1	HL	REF02	127	C	AN 1/30
19		<b>REF SEGMENT - Shipment-C Notice Shipment Unit Piece Number</b> SEGMENT CONDITION: For multiple piece shipments, use this segment in a Pack Loop (HL03 = 'P') to identify the piece number marked with a military shipping label (MSL) for a shipment unit or shipment unit increment (partial or split). This is the first number in the MSL's Piece of Pieces block (e.g., '3 of 5').	C	2	150	O	>1	200000	1	HL				
													See X12 Standards for explanation of syntax notes. R0203	
19-01		Shipment-C Notice Shipment Unit Piece Number Qualifier 97 - Package Number <i>Use '97' to denote Piece Number..</i>	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M	ID 2/3
19-02		Shipment-C Notice Shipment Unit Piece Number Enter the piece number.	M AN 1/30	2	150	O	>1	200000	1	HL	REF02	127	C	AN 1/30
20		<b>REF SEGMENT - Shipment-C Notice Number of Shipment Unit Pieces</b> SEGMENT CONDITION: For multiple piece shipments, use this segment in a Pack Loop (HL03 = 'P') to identify the piece number marked with a military shipping label (MSL) for a shipment unit or shipment unit increment (partial or split). This is the first number in the MSL's Piece of Pieces block (e.g., '3 of 5').	C	2	150	O	>1	200000	1	HL				
													See X12 Standards for explanation of syntax notes. R0203	

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20-01		Shipment-C Notice Shipment Unit Total Pieces Qualifier Q3 - Ending Package Number  <i>Use 'Q3' to denote Total Number of Pieces in the Shipment Unit or the Shipment Unit Increment..</i>	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3
20-02		Shipment-C Notice Shipment Unit Total Pieces Enter the total number of pieces in the shipment unit or the shipment unit increment.	M AN 1/30	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
21		<b>REF SEGMENT - Shipment-C Notice Document Number</b> C SEGMENT CONDITION: Use this segment in all Line Item Loops (HL03 = 'I') when reporting that line items are being consolidated into a shipment unit.		2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203	
21-01		Shipment-C Notice Document/Requisition Number Qualifier 43 - Supporting Document Number  <i>Use '43' to denote Other Document Number..</i>  CT - Contract Number  PO - Purchase Order Number  RQ - Purchase Requisition Number  TN - Transaction Reference Number  <i>Use 'TN' to denote Requisition Number.</i>	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3
21-02		Shipment-C Notice Document/Requisition Number Transshippers enter the requisition number, or contract number, or purchase order number, or other document number for each individual line item that has been broken down and re-packaged (consolidated) for onward movement in a shipment unit documented with either a Shipment TCN, an Intermediate TCN, or a Conveyance TCN. Do not include the DLMS Requisition Document Number suffix in this entry.  [TAW 30/43]	C AN 1/24	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
21-03		Shipment-C Notice DLMS Requisition Document Number Suffix Enter the DLMS Requisition Document Number suffix.  [TAW 44/44]	C AN 1/1	2	150	O	>1	200000	1	HL	REF03	352	C AN	1/80

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22		<b>REF SEGMENT - Shipment-C Notice Transportation Priority</b> SEGMENT CONDITION: Use this segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S').  This segment identifies the transportation priority of the highest level shipment unit consolidation.	C		2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203		
22-01		Shipment-C Notice Priority Qualifier PH - Priority Rating	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3
22-02		Shipment-C Notice Transportation Priority Code Enter the Transportation Priority Code (values 1, 2, 3, or 4) for the highest-level TCN consolidation.  [TAV 60/60],[TAW 60/60]  Sample Values: 1, 2, 3, 4	M	AN	1/1	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
23		<b>REF SEGMENT - Shipment-C Notice RFID</b> SEGMENT CONDITION: Use this segment only in the Pack Loops (HL03 = 'P') as applicable. Use when RFID tags are applied to a shipment unit. This segment contains the RFID tag number for the applicable pack level, as per the current DoD RFID policy.  To identify nested levels of packaging with RFID tags (i.e., a palletized unit load, the exterior containers within a palletized unit load, exterior shipping containers, and interior UID packs), the RFID tags marking interior package consolidations will be identified with RFID segments in child Pack Loops (HL03 = 'P') that are subordinate to parent Pack Loops.	C		2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203		
23-01		Shipment-C Notice RFID Tag Number Qualifier JH - Tag  <i>Use 'JH' to denote Passive RFID Tag.</i>  TPN - Transponder Number  <i>Use 'TPN' to denote Active RFID Tag.</i>	M	ID	2/3	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3
23-02		Shipment-C Notice RFID Tag Number Enter the RFID tag identification number used for tracking the shipment.	M	AN	1/30	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
24		<b>DTM SEGMENT - Shipment-C Notice Date/Time Shipped</b> SEGMENT CONDITION: Use segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S') to indicate the date and time the consolidated shipment was shipped.	C		2	200	O	10	200000	1	HL			See X12 Standards for explanation of syntax notes. R020305C0403P0506		
24-01		Shipment-C Notice Date/Time Shipped Qualifier 011 - Shipped	M	ID	3/3	2	200	O	10	200000	1	HL	DTM01	374	M ID	3/3

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24-02		Shipment-C Notice Date Shipped Enter date shipped in Coordinated Universal Time (i.e., Universal Time Coordinate (UTC) also referred to as Greenwich Mean Time (GMT)).  [TAV 54/56],[TAW 54/56]	M DT 8/8	2	200	O	10	200000	1	HL	DTM02	373	C	DT 8/8
24-03		Shipment-C Notice Time Shipped Enter the time shipped in Coordinated Universal Time.	C TM 6/6	2	200	O	10	200000	1	HL	DTM03	337	C	TM 4/8
24-04		Shipment-C Notice Time Qualifier Code ELEMENT CONDITION: Required if DTM 03 is used.  SOURCE: ISO 8601 available from American National Standards Institute  UT - Universal Time Coordinate	C ID 2/2	2	200	O	10	200000	1	HL	DTM04	623	O	ID 2/2
25		<b>DTM SEGMENT - Shipment-C Notice Date/Time Received</b> SEGMENT CONDITION: As applicable, use segment in a Line Item Loop (HL03='I') to indicate the date and time the shipment unit TCN was received at the transship point.	C	2	200	O	10	200000	1	HL	See X12 Standards for explanation of syntax notes. R020305C0403P0506			
25-01		Shipment-C Notice Date/Time Received Qualifier 050 - Received	M ID 3/3	2	200	O	10	200000	1	HL	DTM01	374	M	ID 3/3
25-02		Shipment-C Notice Date Received Enter date received by Transshipper in Coordinated Universal Time (i.e., Universal Time Coordinate (UTC) also referred to as Greenwich Mean Time (GMT)).  [TAV 51/53],[TAW 51/53]	M DT 8/8	2	200	O	10	200000	1	HL	DTM02	373	C	DT 8/8
25-03		Shipment-C Notice Time Received Enter the time received in Coordinated Universal Time.	C TM 6/6	2	200	O	10	200000	1	HL	DTM03	337	C	TM 4/8
25-04		Shipment-C Notice Time Qualifier Code ELEMENT CONDITION: Required if DTM 03 is used.  SOURCE: ISO 8601 available from American National Standards Institute  UT - Universal Time Coordinate	C ID 2/2	2	200	O	10	200000	1	HL	DTM04	623	O	ID 2/2
26		<b>N1 SEGMENT - Shipment-C Notice CCP Code</b> LOOP CONDITION: As applicable, use segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S') to indicate the Transshipper's Consolidation and Containerization Point (CCP) code (DTR Part II, Appendix PP).	C	2	220	O	1	200	2	N1	See X12 Standards for explanation of syntax notes. R0203P0304			

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26-01		Shipment-C Notice CCP Entity Identifier Code ZZ - Mutually Defined  <i>Use 'ZZ' to denote Consolidation Point.</i>	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M ID 2/3
26-03		Shipment-C Notice CCP Identification Code Qualifier ZZ - Mutually Defined  <i>Use 'ZZ' to denote Military Standard Movement Procedures (Defense Transportation Regulation).</i>	M	ID	2/2	2	220	O	1	200	2	N1	N103	66	C ID 1/2
26-04		Shipment-C Notice CCP Identification Code Enter three-position CCP or code for the Transshipper processing shipment units for consolidation. See DTR Part II, Appendix PP for code list.	M	AN	3/3	2	220	O	1	200	2	N1	N104	67	C AN 2/80
27		<b>N1 SEGMENT - Shipment-C Notice Consignee DoDAAC</b> C LOOP CONDITION: Use segment in each Shipment Loop (HL03 = 'S'), as applicable, to indicate the consignee DoDAAC for each single or consolidated shipment unit.				2	220	O	1	200	2	N1			See X12 Standards for explanation of syntax notes. R0203P0304
27-01		Shipment-C Notice Consignee Qualifier CN - Consignee	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M ID 2/3
27-03		Shipment-C Notice DoDAAC Qualifier 10 - Department of Defense Activity Address Code (DODAAC)	M	ID	2/2	2	220	O	1	200	2	N1	N103	66	C ID 1/2
27-04		Shipment-C Notice Consignee DoDAAC Enter consignee DoDAAC for the shipment unit identified in this instance of the HL loop.  [TAV 45/50],[TAW 45/50]	M	AN	6/6	2	220	O	1	200	2	N1	N104	67	C AN 2/80
28		<b>N1 SEGMENT - Shipment-C Notice ICP RIC</b> C LOOP CONDITION: Inventory Control Point (ICP) Routing Identifier Code (RIC) that originated the Materiel Release Order (MRO) for the respective line item DLMS Requisition Document Number listed in the Line Item Loop. The CCP will populate this segment from the MRO transaction information. If unknown, do not populate.				2	220	O	1	200	2	N1			See X12 Standards for explanation of syntax notes. R0203P0304
28-01		Shipment-C Notice ICP Qualifier Z4 - Owning Inventory Control Point  <i>Use 'Z4' to denote ICP.</i>	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M ID 2/3
28-03		Shipment-C Notice RIC Qualifier M4 - Department of Defense Routing Identifier Code (RIC)	M	ID	2/2	2	220	O	1	200	2	N1	N103	66	C ID 1/2

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28-04		Shipment-C Notice ICP RIC Enter the RIC for the ICP. [TAV 4/6],[TAW 4/6]	M	AN	3/3	2	220	O	1	200	2	N1	N104	67	C AN 2/80
29		<b>N1 SEGMENT - Shipment-C Notice Consolidation Location Indicator</b> LOOP CONDITION: Use segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S'). Enter the DoDAAC of the location packaging the shipment for consolidation and onward movement.	C			2	220	O	1	200	2	N1			See X12 Standards for explanation of syntax notes. R0203P0304
29-01		Shipment-C Notice Consolidation Location Qualifier X2 - Party to Perform Packaging	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M ID 2/3
29-02		Shipment-C Notice Consolidation Location Type [TAV 7/7],[TAW 7/7] CP - CCP Location HB - Hub Location (e.g., regional/unit distribution center) ZZ - Other than a CCP or Hub	M	AN	2/2	2	220	O	1	200	2	N1	N102	93	C AN 1/60
29-03		Shipment-C Notice Consolidation Location DoDAAC Qualifier 10 - Department of Defense Activity Address Code (DODAAC)	C	ID	2/2	2	220	O	1	200	2	N1	N103	66	C ID 1/2
29-04		Shipment-C Notice Consolidation Location DoDAAC Enter the DoDAAC of the Consolidation Location, as applicable.	C	AN	6/6	2	220	O	1	200	2	N1	N104	67	C AN 2/80
30		<b>LM SEGMENT - Shipment-C Notice Port of Embarkation Terminal Identification Code</b> LOOP CONDITION: Segment is required if Port of Embarkation is identified for onward movement. As applicable, use loop only in the first Shipment Loop (HL01 = '1' and HL03 = 'S').	C			2	340	O	1	10	2	LM			
30-01		Shipment-C Notice Port of Embarkation Qualifier AE - Advertising Industry Use 'AE' to denote Port of Embarkation Terminal.	M	ID	2/2	2	340	O	1	10	2	LM	LM01	559	M ID 2/2
31		<b>LQ SEGMENT - Shipment-C Notice Industry Code for Air or Water Terminal</b> SEGMENT CONDITION: Segment is required if Port of Embarkation is identified for onward movement. Use segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S').	C			2	350	M	100	10	2	LM			See X12 Standards for explanation of syntax notes. C0102

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31-01		Shipment-C Notice Industry Code for Air or Water Terminal Qualifier  Code value identifies the mode relationship (air or water) for the port/terminals shown in the LQ02 data element. (The mode relationship must be identified because the Air Terminal Identifier Code list and the Seaport Identifier Code list provided in the DTR Part II Appendices CC and MM, respectively, use some of the same codes.)  36 - Air Terminal Identifier Code  37 - Water Terminal Identifier Code	M ID 2/2	2	350	M	100	10	2	LM	LQ01	1270	O	ID	1/3
31-02		Shipment-C Notice Port of Embarkation Identifier  As applicable, enter three-position air/seaport identifier code from DTR Part II Appendix CC or MM code lists for the Port of Embarkation identified for onward movement.  SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association	M AN 3/3	2	350	M	100	10	2	LM	LQ02	1271	C	AN	1/30
32		<b>LM SEGMENT - Shipment-C Notice Port Consolidation Terminal Identification Code</b>  LOOP CONDITION: Segment is required to identify a Transshipper consolidation point located at an air or water port/terminal. As applicable, use loop only in the first Shipment Loop (HL01 = '1' and HL03 = 'S').	C	2	340	O	1	10	2	LM					
32-01		Shipment-C Notice Port Consolidation Terminal Identification Qualifier  PC - Pennsylvania Courts  <i>Use 'PC' to denote Port Consolidation Terminal.</i>	M ID 2/2	2	340	O	1	10	2	LM	LM01	559	M	ID	2/2
33		<b>LQ SEGMENT - Shipment-C Notice Industry Code for Air or Water Terminal</b>  SEGMENT CONDITION: Segment is required if a Port of Embarkation is identified as a consolidation point. Use segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S').	C	2	350	M	100	10	2	LM					See X12 Standards for explanation of syntax notes. C0102

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33-01		Shipment-C Notice Industry Code for Air or Water Terminal Qualifier  Code value identifies the mode relationship (air or water) for the port/terminals shown in the LQ02 data element. (The mode relationship must be identified because the Air Terminal Identifier Code list and the Seaport Identifier Code list provided in the DTR Part II Appendices CC and MM, respectively, use some of the same codes.)  36 - Air Terminal Identifier Code  37 - Water Terminal Identifier Code	M ID 2/2	2	350	M	100	10	2	LM	LQ01	1270	O	ID 1/3
33-02		Shipment-C Notice Port Consolidation Terminal Code  As applicable, enter the three-character Air Terminal Identifier Code or Seaport Identifier Code for the Transshipper consolidation point (DTR Part II Appendix CC or MM).  SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association	M AN 3/3	2	350	M	100	10	2	LM	LQ02	1271	C	AN 1/30
34		<b>HL SEGMENT - Due-In Notice Loop</b>  LOOP CONDITION: Use this HL loop only for a Due-In Notice (BSN01 = '14') (Note: A Due-In Notice shall not be sent in the same transaction as a Receipt Notice or a Shipment-C Notice)  Due-In shipment unit consolidation and/or line item consolidation transactions must include at least two HL loops. The HL looping notation is organized in a top-down nesting structure with the highest level parent consolidation listed first in the transaction, followed by succeeding lower levels of consolidation. The HL loop?s child-to-parent notations track all of the consolidation levels. The final HL loops may identify single shipment units packed into a consolidated shipment unit or the final HL loops may identify one or more line items re-packaged into a single shipment unit. The first HL loop represents the highest-level of shipment consolidation which could be a SEAVAN, a 463L Pallet shipment unit, a box/crate containing other shipment units and line items, a re-packaged box/crate containing just multiple line items, and on occasion a re-packaged box/crate containing only a single line item. Succeeding HL loops establish child-to-parent relationships by encoded reference to their parent HL loop. Succeeding HL loops may be a child of a higher-level HL loop and may be the parent of a lower-level consolidation HL loop. By definition, a single shipment unit does not have any lower-level shipment units consolidated into it. If the first parent HL loop identifies a Conveyance Transportation Control Number (TCN), the succeeding HL Loop(s) must identify Intermediate TCNs and Shipment TCNs or just Shipment TCNs and may identify re-packaged, consolidated line items. If the first parent HL loop is a single shipment unit with a Shipment TCN, the succeeding loop?s must identify one or more line items.	C	2	010	M	1	200000	1	HL				
34-01		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 1/12	2	010	M	1	200000	1	HL	HL01	628	M	AN 1/12

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34-02		Hierarchical Parent ID Number  ELEMENT CONDITION: This data element will not be used in the initial loop. Use this element to link each child loop with its parent. Establish the link by copying the hierarchical (Segment) ID number of the parent HL loop here.	C	AN	1/12	2	010	M	1	200000	1	HL	HL02	734	O AN	1/12
34-03		Hierarchical Level Code  Code values are used to define the character of an HL loop level in a nested, hierarchical structure. Use the informational code values, applicable to this transaction and the HL loop sequence to denote the DoD definitions as indicated. Use 'I' to identify Line Item Information in a Line Item Loop. A Line Item Loop should be subordinate to a Pack Loop; however, it may be subordinate to a Shipment Loop if a Pack Loop is not used. The Line Item Loop need only be used for line items re-packaged at a transship point. Use 'P' to identify RFID Tag Information and/or the Shipment Unit's 'piece of pieces' information in a Pack Loop. The Pack Loop is subordinate to a Shipment Loop. A Pack Loop may also be subordinate to another Pack Loop when used to identify a nested hierarchy of RFID tag information. Use 'S' to identify Shipment Unit Information in a Shipment Loop.  I - Item  P - Pack  S - Shipment	M	ID	1/1	2	010	M	1	200000	1	HL	HL03	735	M ID	1/2
35		<b>SN1 SEGMENT - Due-In Notice Line Item Quantity</b>  SEGMENT CONDITION: Use this segment only in a Line Item Loop (HL03 = 'I')  For Line Item Loop entries, this segment indicates the quantity of a line item packed in the package or container which is identified in the parent Pack Loop (HL03 = 'P') or the parent Shipment Loop (HL03 = 'S') if a Pack Loop is not used. The value may be less than or equal to the total quantity issued on the line item document. Additionally, this segment may contain CLIN, sub-CLIN, or ELIN information.  When a parent Pack Loop contains RFID tag information, this segment in the child Line Item Loop also indicates the quantity of the line items packaged and marked with the related RFID tag.	C			2	030	O	1	200000	1	HL				See X12 Standards for explanation of syntax notes. P0506
35-01		CLIN/SubCLIN/ELIN  ELEMENT CONDITION: Use this element in all line item loops (HL03 = "I") to identify the CLIN/SubCLIN/ELIN. Only required for vendor shipments.	C	AN	1/6	2	030	O	1	200000	1	HL	SN101	350	O AN	1/20
35-02		Due-In Notice Line Item 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. This information is for the individual piece as identified by the parent Pack Loop or parent Shipment Loop for the shipment unit or shipment unit increment.  [DTR: TAW 25/29]  [CDF 25/29],[TAW 25/29]	M	R	1/5	2	030	O	1	200000	1	HL	SN102	382	M R	1/10

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35-03		Due-In Notice Shipment Unit or Basis for Measurement Code  Use any data element (DE) 355 (Version 004010) code, other than code value 'ZZ', to identify as necessary, the unit of issue or purchase unit for the line item quantity shipped as indicated by the line item Materiel Release Document (DD Form 1348-1A), the packing list, or the other shipping documents used to identify the shipment's contents. If the line item's unit of issue or purchase unit does not map to the DE 355 code table, use code value 'UN' as the default code.  [CDF 23/24]  See Section 6 for list of data values.	M	ID	2/2	2	030	O	1	200000	1	HL	SN103	355	M ID 2/2
36		<b>PRF SEGMENT - Purchase Order Reference</b> SEGMENT CONDITION: Use this segment in all line item loops (HL03 = 'I') to identify the child purchase order information to its parent shipment unit TCN. Only required for vendor shipments.	C			2	050	O	1	200000	1	HL			
36-01		Purchase Order Number  Enter the purchase order number, contract number (including Federal Supply Schedules, GSA Schedules and all other basic contracts), Blanket Purchase Agreement Number, Grant, Lease or Agreement Number. This is always the Procurement Instrument Identification Number (PIIN) for the DOD or the equivalent expression for Civilian Agencies. Do not transmit dashes.	M	AN	1/19	2	050	O	1	200000	1	HL	PRF01	324	M AN 1/22
36-02		Release Number  Enter the number of a release, call or delivery order against a basic award instrument. This is always the Supplemental Procurement Instrument Identification Number for the DOD or the equivalent expression for Civilian Agencies. Do not transmit dashes.	C	AN	1/30	2	050	O	1	200000	1	HL	PRF02	328	O AN 1/30
36-05		Vendor's Shipment Number  Enter the shipment number assigned by the vendor to uniquely identify the shipment per DOD 4000.25-5-M, Ap1.44 guidelines. This number is not the TCN.	M	AN	1/20	2	050	O	1	200000	1	HL	PRF05	350	O AN 1/20
37		<b>PID SEGMENT - Due-In Notice Hazardous Material Description</b> SEGMENT CONDITION: Use this segment only in a shipment loop (HL03='S') when due-in shipment contains hazardous materials that require in-the-clear hazardous remarks.	C			2	070	O	200	200000	1	HL			See X12 Standards for explanation of syntax notes. C0403R0405C0703C0804C0905
37-01		Description Type Qualifier F - Free-form	M	ID	1/1	2	070	O	200	200000	1	HL	PID01	349	M ID 1/1
37-02		Hazardous Material Qualifier HZ - Hazardous Material	M	ID	2/2	2	070	O	200	200000	1	HL	PID02	750	O ID 2/3

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37-05		Due-In Notice Hazardous Material Description Enter in-the-clear hazardous materials description. [CBF 47/78]	M	AN	1/77	2	070	O	200	200000	1	HL	PID05	352	C AN 1/80
38		<b>PID SEGMENT - Hazard Class/Division</b>	C			2	070	O	200	200000	1	HL			See X12 Standards for explanation of syntax notes. C0403R0405C0703C0804C0905
38-01		Item Description Type F - Free-form	M	ID	1/1	2	070	O	200	200000	1	HL	PID01	349	M ID 1/1
38-02		Hazard Class/Division Qualifier 01 - Limiting Operation <i>Use '01' to denote Primary.</i> 02 - General Product Form <i>Use '02' to denote Secondary.</i>	M	ID	2/2	2	070	O	200	200000	1	HL	PID02	750	O ID 2/3
38-05		Hazard Class/Division	M	AN	1/4	2	070	O	200	200000	1	HL	PID05	352	C AN 1/80
39		<b>PID SEGMENT - Proper Shipping Name</b> SEGMENT CONDITION: Required if Due-inNotice is also serving as a REPSHIP (where HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator) and shipment contains explosives or hazardous material (HAZMAT).	C			2	070	O	200	200000	1	HL			See X12 Standards for explanation of syntax notes. C0403R0405C0703C0804C0905
39-01		Item Description Type F - Free-form	M	ID	1/1	2	070	O	200	200000	1	HL	PID01	349	M ID 1/1
39-02		Proper Shipping Name Qualifier PRO - Proprietary <i>Use 'PRO' to denote Proper Shipping Name.</i>	M	ID	3/3	2	070	O	200	200000	1	HL	PID02	750	O ID 2/3
39-05		Proper Shipping Name	M	AN	1/80	2	070	O	200	200000	1	HL	PID05	352	C AN 1/80
40		<b>PID SEGMENT - Due-In Notice Shipment Unit General Description</b> SEGMENT CONDITION: Use this segment only in a shipment loop (HL03='S') when additional remarks for transportation movement are required.	C			2	070	O	200	200000	1	HL			See X12 Standards for explanation of syntax notes. C0403R0405C0703C0804C0905
40-01		Description Type Qualifier F - Free-form	M	ID	1/1	2	070	O	200	200000	1	HL	PID01	349	M ID 1/1

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40-02		General Description Qualifier GEN - General Description	M	ID	3/3	2	070	O	200	200000	1	HL	PID02	750	O ID	2/3
40-05		Due-In Notice Shipment Unit General Description Enter in-the-clear shipment unit general description.  [CDY 47/78]	M	AN	1/32	2	070	O	200	200000	1	HL	PID05	352	C AN	1/80
41		<b>PID SEGMENT - Due-In Notice Air Force MICAP Indicator</b> SEGMENT CONDITION: For Air Force use only.	C			2	070	O	200	200000	1	HL				
See X12 Standards for explanation of syntax notes. C0403R0405C0703C0804C0905																
41-01		Description Type Qualifier F - Free-form	M	ID	1/1	2	070	O	200	200000	1	HL	PID01	349	M ID	1/1
41-02		Due-In Notice MICAP Indicator Qualifier MAC - Material Classification  <i>Use 'MAC' to denote MICAP Indicator.</i>	M	ID	3/3	2	070	O	200	200000	1	HL	PID02	750	O ID	2/3
41-05		Due-In Notice MICAP Indicator N - No  Y - Yes	M	AN	1/1	2	070	O	200	200000	1	HL	PID05	352	C AN	1/80
42		<b>PID SEGMENT - UN/NA</b> SEGMENT CONDITION: Required if Due-in Notice is also serving as a REPSHIP (where HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator) and shipment contains hazardous material (HAZMAT).	C			2	070	O	200	200000	1	HL				
See X12 Standards for explanation of syntax notes. C0403R0405C0703C0804C0905																
42-01		Item Description Type F - Free-form  S - Structured (From Industry Code List)  X - Semi-structured (Code and Text)	M	ID	1/1	2	070	O	200	200000	1	HL	PID01	349	M ID	1/1
42-02		UN/NA Qualifier 13 - Quality (Quality Level)  <i>Use '13' to denote UN/NA.</i>	M	ID	2/2	2	070	O	200	200000	1	HL	PID02	750	O ID	2/3
42-05		UN/NA Enter value 'UN' or 'NA', as applicable, followed by the 4-digit identification number.	M	AN	6/6	2	070	O	200	200000	1	HL	PID05	352	C AN	1/80

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43		<b>MEA SEGMENT - Due-In Notice Shipment Unit Weight</b> SEGMENT CONDITION: This segment is MANDATORY for all due-in shipment loops (HL03='S').	C		2	080	O	40	200000	1	HL			
43-01		Weight Qualifier WT - Weights	M	ID	2/2							MEA01	737	O ID 2/2
43-03		Due-In Notice Shipment Unit Weight Enter Due-In shipment unit weight in pounds.  [CDP 51/56]	M	R	1/10							MEA03	739	C R 1/20
44		<b>MEA SEGMENT - Due-In Notice Shipment Unit Cube</b> NOTE: This segment is MANDATORY for all shipment loops (HL03='S').	M			2	080	O	40	200000	1	HL		
44-01		Cube Qualifier PD - Physical Dimensions  <i>Use 'PD' to denote Due-In Shipment Unit Cube.</i>	M	ID	2/2							MEA01	737	O ID 2/2
44-03		Due-In Notice Shipment Unit Cube Enter Due-In shipment unit cube in cubic feet.  [CDP 57/59]	M	R	1/8							MEA03	739	C R 1/20
45		<b>MEA SEGMENT - Net Explosive Weight (English)</b> SEGMENT CONDITION: Required if Due-in Notice is also serving as a REPSHIP (where HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator) and shipment (for all shipment modes) contains explosive material.  Note: Metric NEW units are required only for a shipping paper (manifest, BOL) to comply with 49 CFR 171.10. NEW in English units is included here since the receiver of the shipment will need the NEW for shipment receipt planning purposes. For OCONUS shipments, NEW facilitates compliance with 1MDGC.	C			2	080	O	40	200000	1	HL		
45-01		Net Explosive Weight Qualifier NX - Net Explosive Weight	M	ID	2/2							MEA01	737	O ID 2/2
45-03		Net Explosive Weight If Net Explosive Weight is available for an individual line item, carry that weight in this data element. Entry may contain a decimal; if not, decimal is assumed at right-most point of the field.	M	R	1/8							MEA03	739	C R 1/20
45-04		Composite Unit of Measure C00101 calls for an identifier from the DE 355 code list. The element separator is not used in this template. Its elements are concatenated together without using a delimiter.	M	CE		2	080	O	40	200000	1	HL	MEA04	C001 C CE

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45-04-01		Net Explosive Weight Qualifier (English) Use GA if explosive is wet. Use PN if explosive is dry. (Per DM 1016)  GA - Gallon PN - Pounds Net	M	ID	2/2	2	080	C	40	200000	1	HL	C00101	355	M ID 2/2
46		<b>TD1 SEGMENT - Due-In Notice Total Pieces in the Shipment Unit Increment</b> SEGMENT CONDITION: For a multi-piece shipment or for a multi-piece shipment that has been 'partialed' or split into shipment unit increments, use this segment in a Shipment Loop (HL03 = 'S') to account for the total pieces (one or more) in the shipment that have been labeled for movement.  Note: The pieces value in the Piece-of-Pieces mark on a shipping label may not match with the total pieces in a shipment when the shipment unit has been 'partialed' or split into shipment unit increments; for example, a split shipment unit increment containing two pieces could contain two packages labeled as '2 of 5' and '5 of 5'. The Piece and Pieces values in a shipping label are not usually changed from an origin shipper's mark when a shipment is split at a transship point.	C			2	110	O	20	200000	1	HL			See X12 Standards for explanation of syntax notes. C0102C0304C0607P0708P0910
46-01		Due-In Notice Packaging Code PCS - Pieces	M	AN	3/3	2	110	O	20	200000	1	HL	TD101	103	O AN 3/5
46-02		Due-In Notice Total Pieces in the Shipment Unit Increment Enter the total number of pieces in the shipment unit increment.  [CDP 47/50]	M	N0	1/7	2	110	O	20	200000	1	HL	TD102	80	C N0 1/7
46-03		Due-In Notice Commodity Code Qualifier D - Department of Defense Unique Codes  N - National Motor Freight Classification (NMFC)  T - Standard Transportation Commodity Code (STCC)  U - Uniform Freight Classification (UFC)	C	ID	1/1	2	110	O	20	200000	1	HL	TD103	23	O ID 1/1
46-04		Due-In Notice Commodity Code This element is mandatory if TD103 is used. Enter the commodity code for the shipment unit.	C	AN	5/8	2	110	O	20	200000	1	HL	TD104	22	C AN 1/30
47		<b>TD5 SEGMENT - Carrier Bill Number</b> SEGMENT CONDITION: If available, enter the carrier's air waybill or PRO number.	C			2	120	O	12	200000	1	HL			See X12 Standards for explanation of syntax notes. R0204050612C0203C0708C1011C1312C1413C1512

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47-02		Carrier Bill Qualifier 95 - Assigned By Transporter  <i>Use '95' to denote Air Waybill.</i>  C5 - Customer Identification File  <i>Use 'C5' to denote PRO Number.</i>	M	ID	2/2	2	120	O	12	200000	1	HL	TD502	66	C ID 1/2
47-03		Carrier Bill Number Enter the carrier's air waybill or PRO number.	M	AN	2/80	2	120	O	12	200000	1	HL	TD503	67	C AN 2/80
48		<b>TD5 SEGMENT - Due-In Notice Carrier SCAC and Transportation Mode</b> SEGMENT CONDITION: Use this segment in the first shipment loop (HL01='1' and HL03='S') to pass the carrier's SCAC and mode of transportation.	C			2	120	O	12	200000	1	HL			See X12 Standards for explanation of syntax notes. R0204050612C0203C0708C1011C1312C1413C1512
48-02		Due-In Notice SCAC Qualifier 2 - Standard Carrier Alpha Code (SCAC)	M	ID	1/1	2	120	O	12	200000	1	HL	TD502	66	C ID 1/2
48-03		Due-In Notice SCAC Enter the SCAC for the commercial carrier. If government/organic transportation is used, enter value 'GOVT'.  Sample Values: GOVT	M	AN	2/4	2	120	O	12	200000	1	HL	TD503	67	C AN 2/80
48-04		Due-In Notice Transportation Mode/Method See Section 6 for list of data values.	M	ID	1/2	2	120	O	12	200000	1	HL	TD504	91	C ID 1/2
49		<b>REF SEGMENT - Military Traffic Expediting (MTX) Number</b> SEGMENT CONDITION: Required if Due-in is also serving as a REPSHIP and shipment moves via rail transportation.	C			2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203
49-01		MTX Number Qualifier MT - Meter Ticket Number  <i>Use 'MT' to denote MTX Number.</i>	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3
50		<b>REF SEGMENT - Seal Number</b> SEGMENT CONDITION: Use only for sealed cargo and required if Due-in Notice is also serving as a REPSHIP (where HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator).	C			2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203
50-01		Seal Number Qualifier SN - Seal Number	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3

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50-02		Seal Number Enter the Seal Number.	M	AN	1/30	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30
51		<b>REF SEGMENT - Shipment Release Authorization Number</b> SEGMENT CONDITION: Use only and required if Due-in Notice is also serving as a REPSHIP and if shipment has a release authorization number (where HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator).	C			2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203
51-01		Shipment Release Authorization Number Qualifier Use 'EP' to denote Export Traffic Release Numbe; Use only for International shipments. Use 'RE' to denote Air Release Number; Use only for air shipments.  EP - Export Permit Number <i>Use 'EP' to denote Export Traffic Release Number..</i>  RE - Release Number <i>Use 'RE' to denote Air Release Number.</i>	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3
51-02		Shipment Release Authorization Number Enter the Air Release Number and/or Export Traffic Release Number as these may apply to the mode of shipment.	M	AN	1/30	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30
52		<b>REF SEGMENT - Vessel Name</b> SEGMENT CONDITION: Required if shipment mode is OCEAN and the due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator). Do not include this segment for non-OCEAN mode shipments.	C			2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203
52-01		Vessel Name Qualifier ABS - Vessel Name	M	ID	3/3	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3
52-02		Vessel Name Enter the Vessel Name assigned to the voyage document number if an ocean movement.	M	AN	1/30	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30
52-03		Vessel IRCS ELEMENT CONDITION: Enter Vessel IRCS, if available.	C	AN	4/8	2	150	O	>1	200000	1	HL	REF03	352	C AN 1/80
53		<b>REF SEGMENT - Due-in Notice Movement Document Number</b> SEGMENT CONDITION: This segment identifies the movement document used by shipper and carrier systems for tracking/tracing purposes. Use only in the first shipment loop (HL01 = '1' and HL03 = 'S') of each due-in transaction. This segment is mandatory for all shipments to CMOS activities and is recommended for all other shipments except DLA depot-to-collocated CCP shipments.	C			2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203

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53-01		Due-in Notice Movement Document Number Qualifier Use for transactions from CMOS, DAASC to insert code value '43' until CMOS can pass the actual movement document number qualifier. Use code value 'V3' only for ocean and if Due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator).  2I - Tracking Number  43 - Supporting Document Number  BL - Government Bill of Lading  BM - Bill of Lading Number  MA - Ship Notice/Manifest Number  V3 - Voyage Number	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3	
53-02		Due-in Notice Movement Document Number Enter one of the following numbers to identify the movement document: Government Bill of Lading Number, Commercial Bill of Lading Number, Truck Manifest Number, or Small Package Tracking Number, or Voyage Document Number.	M AN 4/30	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30	
54		<b>REF SEGMENT - Due-In Notice Transportation Control Number (TCN)</b> SEGMENT CONDITION: This segment is MANDATORY for all due-in shipment loops (HL03 = 'S') to identify the TCN for the shipment unit, any intermediate TCNs, and the conveyance TCN (e.g., 463L pallet, container), if applicable.	C	2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203	
54-01		TCN Qualifier Use TG for the following cases: 1) If the shipment contains no REPSHIP-eligible material, use as the TCN qualifier at all shipment unit levels. 2) Within a mixed shipment, use to identify lower-level TCNs that do not require REPSHIP. Use X9 for the following cases: 1) If the entire shipment is comprised of REPSHIP-eligible TCNs, use to identify both the highest level TCN and the lower-level TCNs within the shipment. 2) For mixed shipments that contain both REPSHIP-eligible TCNs and non- REPSHIP-eligible TCNs, use to identify the REPSHIP-eligible TCN of the highest level consolidation unit and to identify any lower-level TCNs that contain REPSHIP-eligible material.  TG - Transportation Control Number (TCN)  X9 - Internal Control Number	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3	
54-02		Due-In Notice TCN Enter Due-In TCN of the shipment unit.  [CDF 45/61],[CDP 30/46]	M AN 17/17	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30	
55		<b>REF SEGMENT - Due-In Notice Transportation Tracking Number (TTN)</b> SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number is applicable.	C	2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203	

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55-01		Due-In Notice Transportation Tracking Number (TTN) Qualifier 18 - Plan Number  <i>Use '18' to denote Receipt Notice Transportation Tracking Number (TTN).</i>	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3
55-02		Due-In Notice Transportation Tracking Number (TTN)	M AN 17/17	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
56		<b>REF SEGMENT - Transportation Tracking Account Number (TTAN)</b>	C	2	150	O	>1	200000	1	HL				
				See X12 Standards for explanation of syntax notes. R0203										
56-01		Transportation Tracking Account Number (TTAN) Qualifier 14 - Master Account Number  <i>Use '14' to denote Transportation Tracking Account Number (TTAN)..</i>	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3
56-02		Transportation Tracking Account Number (TTAN)	M AN 13/13	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
57		<b>REF SEGMENT - Unit Line Number (ULN)</b>  SEGMENT CONDITION: Required for unit move cargo to identify unit line number (ULN) deployment information for unit move TCNs  CHANGE NOTE: Segment added per DM 903.	C	2	150	O	>1	200000	1	HL				
				See X12 Standards for explanation of syntax notes. R0203										
57-01		ULN Qualifier UL - Cross-listed Course Number  <i>Use 'UL' to denote Unit Line Number for a TPFDD move..</i>	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3
57-02		ULN Enter the unit line number.	M AN 7/7	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
58		<b>REF SEGMENT - Unit Identification Code (UIC)</b>  SEGMENT CONDITION: Use to identify Unit Identification Code (UIC) deployment in formation for unit move TCNs  CHANGE NOTE: Segment added per DM 903.	C	2	150	O	>1	200000	1	HL				
				See X12 Standards for explanation of syntax notes. R0203										
58-01		UIC Qualifier UI - Previous Course Number  <i>Use 'UI' to denote Unit Identification Code.</i>	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3

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58-02		UIC Enter the Unit Identification Code	M	AN	6/6	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30
59		<b>REF SEGMENT - Due-In Notice Shipment Unit Piece Number</b> SEGMENT CONDITION: For multiple piece shipments, use this segment in a Pack Loop (HL03 = 'P') to identify the piece number marked with a military shipping label (MSL) for a shipment unit or shipment unit increment (partial or split). This is the first number in the MSL's Piece of Pieces block (e.g., '3 of 5').	C			2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203
59-01		Due-In Notice Shipment Unit Piece Number Qualifier 97 - Package Number  <i>Use '97' to denote Piece Number.</i>	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3
59-02		Due-In Notice Shipment Unit Piece Number Enter the piece number.	M	AN	1/30	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30
60		<b>REF SEGMENT - Due-In Notice Shipment Unit Pieces</b> SEGMENT CONDITION: For multiple piece shipments, use this segment in a Pack Loop (HL03 = 'P') to identify the total number of pieces marked with military shipping labels (MSL) for the same shipment unit or the same shipment unit increment (partial or split). This is the second number in the MSL's Piece of Pieces block (e.g., '3 of 5').	C			2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203
60-01		Due-In Notice Shipment Unit Total Pieces Qualifier Q3 - Ending Package Number  <i>Use 'Q3' to denote Total Number of Pieces in the Shipment Unit or the Shipment Unit Increment.</i>	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3
60-02		Due-In Notice Shipment Unit Total Pieces Enter the total number of pieces in the shipment unit or the shipment unit increment.	M	AN	1/30	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30
61		<b>REF SEGMENT - Due-In Notice Document Number</b> SEGMENT CONDITION: Use this segment in all Line Item loops (HL03 = 'I'), to identify the child document number to its parent shipment unit TCN.	C			2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203
61-01		Due-In Notice Document/Requisition Number Qualifier 43 - Supporting Document Number  <i>Use '43' to denote Other Document Number..</i>  RQ - Purchase Requisition Number  TN - Transaction Reference Number  <i>Use 'TN' to denote Requisition Number.</i>	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3

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61-02		Due-In Notice Document/Requisition Number  Transshippers enter the requisition number, or contract number, or purchase order number, or other document number for each individual line item that has been broken down and re-packaged (consolidated) for onward movement in a shipment unit documented with either a Shipment TCN, an Intermediate TCN, or a Conveyance TCN. Do not include the DLMS Requisition Document Number suffix in this entry.  [CDF 30/43],[TAW 30/43]	M	AN	1/24	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
61-03		Due-In Notice DLMS Requisition Document Number Suffix Enter the DLMS Requisition Document Number suffix.  [CDF 44/44],[TAW 44/44]	C	AN	1/1	2	150	O	>1	200000	1	HL	REF03	352	C AN	1/80
62		<b>REF SEGMENT - Due-In Notice Transportation Priority Code</b>  SEGMENT CONDITION: Use this segment only in the first Shipment loop (HL01 = '1' and HL03 = 'S'). This segment identifies the transportation priority of the conveyance shipment unit (for a consolidated shipment, it is the highest priority in the consolidation)	C			2	150	O	>1	200000	1	HL				See X12 Standards for explanation of syntax notes. R0203
62-01		Transportation Priority Code Qualifier XE - Transportation Priority Number	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3
62-02		Due-In Notice Transportation Priority Code Enter the transportation priority code for the conveyance shipment unit (for a consolidated shipment, it is the highest priority in the consolidation).  [CDP 60/60],[TAV 60/60],[TAW 60/60]  Sample Values: 1, 2, 3, 4	M	AN	1/1	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30
63		<b>REF SEGMENT - Due-In Notice Issue Priority Designator</b>  SEGMENT CONDITION: Use this segment for the line item loop (HL03 = '1') as applicable.	C			2	150	O	>1	200000	1	HL				See X12 Standards for explanation of syntax notes. R0203
63-01		Issue Priority Qualifier GP - Government Priority Number  <i>Use 'GP' to denote Issue Priority Designator.</i>	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3
63-02		Line Item Issue Priority Enter Issue Priority Designator.  [CDF 20/21]	M	AN	2/2	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30

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64		<b>REF SEGMENT - Due-In Notice RFID</b> SEGMENT CONDITION: Use this segment only in the Pack Loops (HL03 = 'P') as applicable. Use when RFID tags are applied to a shipment unit. This segment contains the RFID tag number for the applicable pack level, as per the current DoD RFID policy.  To identify nested levels of packaging with RFID tags (i.e., a palletized unit load, the exterior containers within a palletized unit load, exterior shipping containers, and interior UID packs), the RFID tags marking interior package consolidations will be identified with RFID segments in child Pack Loops (HL03 = 'P') that are subordinate to parent Pack Loops.	C	2	150	O	>1	200000	1	HL					
				See X12 Standards for explanation of syntax notes. R0203											
64-01		Due-In Notice RFID Tag Number Qualifier JH - Tag  Use 'JH' to denote Passive RFID Tag.  TPN - Transponder Number  Use 'TPN' to denote Active RFID Tag.	M ID 2/3	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3	
64-02		Due-In Notice RFID Tag Number Enter the RFID tag identification number used for tracking the shipment.	M AN 1/30	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30	
65		<b>REF SEGMENT - Due-In Notice Transportation Account Code (TAC)</b> SEGMENT CONDITION: Use in the shipment loop (HL03 = 'S') as applicable.	C	2	150	O	>1	200000	1	HL					
				See X12 Standards for explanation of syntax notes. R0203											
65-01		TAC Qualifier TH - Transportation Account Code (TAC)	M ID 2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID	2/3	
65-02		Due-In Notice TAC Enter TAC of material shipped.  [CDP 26/29]	M AN 4/4	2	150	O	>1	200000	1	HL	REF02	127	C AN	1/30	
66		<b>REF SEGMENT - Due-In Notice National Stock Number (NSN) or CAGE+Part Number</b> SEGMENT CONDITION: If a National Stock Number or a CAGE + Part Number is available, this segment must be used in the line item loop (HL03 = 'I').	C	2	150	O	>1	200000	1	HL					
				See X12 Standards for explanation of syntax notes. R0203											
66-01		NSN/CAGE + Part Number Qualifier NS - National Stock Number  XA - Substitute National Stock Number  Use 'XA' to denote CAGE + Part Number (when no NSN is available).	M 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	
66-02		NSN/CAGE + Part Number Enter NSN or, if not available, enter CAGE + Part Number, as qualified in REF01. [CDF 7/19]	M	AN	1/13	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30
67		<b>REF SEGMENT - Due-In Notice Partial Shipment Indicator</b> SEGMENT CONDITION: This segment is MANDATORY for all shipment loops (HL03 = 'S') to identify the TCN partial indicator for the shipment unit, any intermediate TCNs, and the conveyance TCN (e.g., 463L pallet, container), if applicable.	C			2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203
67-01		Partial Shipment Qualifier KK - Delivery Reference <i>Use 'KK' to denote Partial Shipment.</i>	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3
67-02		Due-In Notice Partial Shipment Indicator Enter the value from record position 16 of the TCN. [CDF 16/16]	M	AN	1/1	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30
68		<b>REF SEGMENT - Due-In Notice Split Shipment Indicator</b> SEGMENT CONDITION: This segment is MANDATORY for all shipment loops (HL03 = 'S') to identify the TCN split indicator for the shipment unit, any intermediate TCNs, and the conveyance TCN (e.g., 463L pallet, container), if applicable.	C			2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203
68-01		Split Shipment Qualifier SS - Split Shipment Number	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3
68-02		Due-In Notice Split Shipment Indicator Enter the value from record position 17 of the TCN. [CDF 22/22]	M	AN	1/1	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30
69		<b>REF SEGMENT - Due-In Notice Air Status Code</b> SEGMENT CONDITION: Use this segment only in a shipment loop (HL03='S') when FACTS passes a three-position air status indicator, based on the air clearance authority mode determination.	C			2	150	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. R0203
69-01		Air Status Code Qualifier ACC - Status <i>Use 'ACC' to denote Air Status Code.</i>	M	ID	3/3	2	150	O	>1	200000	1	HL	REF01	128	M ID 2/3

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69-02		Due-In Notice Air Status Code Enter three-position air status indicator from FACTS (e.g., 'CPA' = air; 'CPS' = surface). While DSS uses internally three different codes for this (A, C, and R), that information will be retimed in DSS, but codes 'A' and 'C' will be converted to 'CPA' and code 'R' to 'CPS'. [CDP 71/73]	M	AN	3/3	2	150	O	>1	200000	1	HL	REF02	127	C AN 1/30
70		<b>MAN SEGMENT - Due-In Notice Pallet ID</b> SEGMENT CONDITION: Use this segment in the first shipment loop (HL01='1' and HL03='S') to pass the 463L pallet ID, if available.	C			2	190	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. P0405C0605
70-01		Due-In Notice Pallet ID Qualifier W - Pallet Number	M	ID	1/1	2	190	O	>1	200000	1	HL	MAN01	88	M ID 1/2
70-02		Due-In Notice Pallet ID Enter the Pallet ID.	M	AN	1/6	2	190	O	>1	200000	1	HL	MAN02	87	M AN 1/48
71		<b>MAN SEGMENT - Special Requirements Code</b> SEGMENT CONDITION: Use this segment in the shipment loop (HL03 = 'S'). When using this element, do not enter a Julian date for the Special Requirements Code.	C			2	190	O	>1	200000	1	HL			See X12 Standards for explanation of syntax notes. P0405C0605
71-01		Special Requirements Code Qualifier ZZ - Mutually Defined  <i>Use 'ZZ' to denote Special Requirements Code.</i>	M	ID	2/2	2	190	O	>1	200000	1	HL	MAN01	88	M ID 1/2
71-02		Special Requirements Code Code list includes '444', '555', '777', '999', 'Exx', 'Nxx', 'Sxx' and 'Xxx'. (As a measure of consistency between this 856A IC and the 858B IC enter triple-position codes 'Exx', 'Nxx', 'Sxx' and 'Xxx' where the first byte is literal and the 'xx' represent any valid alpha-numeric value that completes the code as defined by the Supply Community). NOTE: Change per DM 1015 [CDP 61/63]	M	AN	3/3	2	190	O	>1	200000	1	HL	MAN02	87	M AN 1/48
72		<b>DTM SEGMENT - Estimated Delivery Date</b> SEGMENT CONDITION: Use only and required if Due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator).	C			2	200	O	10	200000	1	HL			See X12 Standards for explanation of syntax notes. R020305C0403P0506
72-01		Estimated Delivery Date Qualifier 017 - Estimated Delivery	M	ID	3/3	2	200	O	10	200000	1	HL	DTM01	374	M ID 3/3
72-02		Estimated Delivery Date	M	DT	8/8	2	200	O	10	200000	1	HL	DTM02	373	C DT 8/8

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73		<b>DTM SEGMENT - Due-In Notice Required Delivery Date (RDD)</b> SEGMENT CONDITION: Use only and required if Due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator).	C	2	200	O	10	200000	1	HL					
				See X12 Standards for explanation of syntax notes. R020305C0403P0506											
73-01		RDD Qualifier 996 - Required Delivery	M ID 3/3	2	200	O	10	200000	1	HL	DTM01	374	M ID	3/3	
73-02		Due-In Notice RDD Convert the Julian date to format CCYYMMDD. If CDP record positions 61/63 are other than 1 to 366, then map to MAN02 as an expedited handling code. See DTR Part II, Chapter 203, paragraph B.4.c.  [CDP 61/63]	M DT 8/8	2	200	O	10	200000	1	HL	DTM02	373	C DT	8/8	
74		<b>DTM SEGMENT - Due-In Notice Date/Time Shipped</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					
				See X12 Standards for explanation of syntax notes. R020305C0403P0506											
74-01		Due-In Notice Date/Time Shipped Qualifier 011 - Shipped	M ID 3/3	2	200	O	10	200000	1	HL	DTM01	374	M ID	3/3	
74-02		Due-In Notice Date Shipped Enter date of shipment in Coordinated Universal Time (i.e., Universal Time Coordinate (UTC) also referred to as Greenwich Mean Time (GMT)).  [CDP 64/66]	M DT 8/8	2	200	O	10	200000	1	HL	DTM02	373	C DT	8/8	
74-03		Due-In Notice Time Shipped Enter the time received in Coordinated Universal Time. Use format HHMMSS.	C TM 6/6	2	200	O	10	200000	1	HL	DTM03	337	C TM	4/8	
74-04		Due-In Notice Time Qualifier Code ELEMENT CONDITION: Required if DTM 03 is used.  SOURCE: ISO 8601 available from American National Standards Institute  UT - Universal Time Coordinate	C ID 2/2	2	200	O	10	200000	1	HL	DTM04	623	O ID	2/2	
75		<b>DTM SEGMENT - Due-In Notice Date/Time Received</b> SEGMENT CONDITION: As applicable, use segment in a Shipment Loop (HL03 = 'S') to indicate the date and time the shipment unit TCN was received at the transship point. If the due-in transaction is being generated at the shipment origin, then do not use this segment.	C	2	200	O	10	200000	1	HL					
				See X12 Standards for explanation of syntax notes. R020305C0403P0506											

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75-01		Due-In Notice Date/Time Received Qualifier 050 - Received	M	ID	3/3	2	200	O	10	200000	1	HL	DTM01	374	M ID 3/3
75-02		Due-In Notice Date Received Enter date received by Transshipper in Coordinated Universal Time (i.e., Universal Time Coordinate (UTC) also referred to as Greenwich Mean Time (GMT)). [TAV 51/53],[TAW 51/53]	M	DT	8/8	2	200	O	10	200000	1	HL	DTM02	373	C DT 8/8
75-03		Due-In Notice Time Received Enter the time received in Coordinated Universal Time. Use format HHMMSS.	C	TM	6/6	2	200	O	10	200000	1	HL	DTM03	337	C TM 4/8
75-04		Due-In Notice Time Qualifier Code ELEMENT CONDITION: Required if DTM 03 is used.  SOURCE: ISO 8601 available from American National Standards Institute  UT - Universal Time Coordinate	C	ID	2/2	2	200	O	10	200000	1	HL	DTM04	623	O ID 2/2
76		<b>N1 SEGMENT - Shipper (SH)</b> LOOP CONDITION: Use only and required if Due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator).	C			2	220	O	1	200	2	N1			See X12 Standards for explanation of syntax notes. R0203P0304
76-01		Shipper Identifier Qualifier SH - Shipper	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M ID 2/3
76-03		Shipper DoDAAC Qualifier 10 - Department of Defense Activity Address Code (DODAAC)	M	ID	2/2	2	220	O	1	200	2	N1	N103	66	C ID 1/2
76-04		Shipper DoDAAC	M	AN	6/6	2	220	O	1	200	2	N1	N104	67	C AN 2/80
77		<b>PER SEGMENT - Shipper (SH) Emergency Contact</b> SEGMENT CONDITION: Use only and required if Due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator). Use only in the first shipment loop.	C			2	270	O	3	200	2	N1			See X12 Standards for explanation of syntax notes. P0304P0506P0708
77-01		Shipper (SH) Emergency Contact Qualifier SH - Shipper Contact	M	ID	2/2	2	270	O	3	200	2	N1	PER01	366	M ID 2/2
77-02		Shipper Emergency Contact Name	M	AN	1/60	2	270	O	3	200	2	N1	PER02	93	O AN 1/60

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77-03		E-mail Address Qualifier EM - Electronic Mail	M	ID	2/2	2	270	O	3	200	2	N1	PER03	365	C	ID	2/2
77-04		Shipper E-mail Address	M	AN	7/80	2	270	O	3	200	2	N1	PER04	364	C	AN	1/80
77-05		Phone Number Qualifier TE - Telephone	M	ID	2/2	2	270	O	3	200	2	N1	PER05	365	C	ID	2/2
77-06		Shipper Phone Number	M	AN	10/14	2	270	O	3	200	2	N1	PER06	364	C	AN	1/80
78		<b>N1 SEGMENT - Due-In Notice CCP Code</b> LOOP CONDITION: As applicable, use segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S') to indicate the Transshipper's Consolidation and Containerization Point (CCP) code (DTR Part II, Appendix PP).	C			2	220	O	1	200	2	N1	See X12 Standards for explanation of syntax notes. R0203P0304				
78-01		Due-In Notice CCP Entity Identifier Code ZZ - Mutually Defined  <i>Use 'ZZ' to denote Consolidation Point.</i>	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M	ID	2/3
78-03		Due-In Notice CCP Identification Code Qualifier ZZ - Mutually Defined  <i>Use 'ZZ' to denote Military Standard Movement Procedures (Defense Transportation Regulation).</i>	M	ID	2/2	2	220	O	1	200	2	N1	N103	66	C	ID	1/2
78-04		Due-In Notice CCP Identification Code Enter three-position CCP or code for the Transshipper processing shipment units for consolidation. See DTR Part II, Appendix PP for code list.  [TAV 25/27]	M	AN	3/3	2	220	O	1	200	2	N1	N104	67	C	AN	2/80
79		<b>N1 SEGMENT - Carrier (CA)</b> LOOP CONDITION: Use only and required if Due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator). Use only in the first shipment loop.	C			2	220	O	1	200	2	N1	See X12 Standards for explanation of syntax notes. R0203P0304				
79-01		Carrier Identifier Code CA - Carrier	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M	ID	2/3
79-02		Carrier Name	M	AN	1/60	2	220	O	1	200	2	N1	N102	93	C	AN	1/60

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RECEIPT/SHIPMENT-CONSOLIDATION/DUE-IN/REPSHIP  
856.A.004010

DoD INFORMATION					X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
79-03		Carrier SCAC Qualifier 2 - Standard Carrier Alpha Code (SCAC)	M	ID	1/1	2	220	O	1	200	2	N1	N103	66	C ID	1/2
79-04		Carrier SCAC NOTE: Attribute length changed to 2/4 per DM 1023.	M	AN	2/4	2	220	O	1	200	2	N1	N104	67	C AN	2/80
80		<b>PER SEGMENT - Carrier (CA) Emergency Contact</b> SEGMENT CONDITION: Use only and required if Due-in Notice is also serving as a REPSHIP (where HL01 = 1, HL03 contains code value 'S' and BSN07 contains code value 'D61' - REPSHIP Indicator). Use only in the first shipment loop.	C			2	270	O	3	200	2	N1				See X12 Standards for explanation of syntax notes. P0304P0506P0708
80-01		Carrier (CA) Emergency Contact Qualifier CA - Customer Contact Granting Appointment  <i>Use 'CA' to denote Carrier Emergency Contact.</i>	M	ID	2/2	2	270	O	3	200	2	N1	PER01	366	M ID	2/2
80-03		E-mail Address Qualifier EM - Electronic Mail	C	ID	2/2	2	270	O	3	200	2	N1	PER03	365	C ID	2/2
80-04		Carrier E-mail Address	C	AN	7/80	2	270	O	3	200	2	N1	PER04	364	C AN	1/80
80-05		Phone Number Qualifier TE - Telephone	M	ID	2/2	2	270	O	3	200	2	N1	PER05	365	C ID	2/2
80-06		Carrier Phone Number	M	AN	10/14	2	270	O	3	200	2	N1	PER06	364	C AN	1/80
81		<b>N1 SEGMENT - Due-In Notice Consignee DoDAAC</b> LOOP CONDITION: Use this segment in the Shipment loop (HL03 = 'S').	C			2	220	O	1	200	2	N1				See X12 Standards for explanation of syntax notes. R0203P0304
81-01		Consignee Qualifier CN - Consignee  <i>Use 'CN' to denote Ultimate Consignee.</i>	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M ID	2/3
81-02		Consignee Name ELEMENT CONDITION: Provide if available.	C	AN	1/60	2	220	O	1	200	2	N1	N102	93	C AN	1/60
81-03		DoDAAC Qualifier 10 - Department of Defense Activity Address Code (DODAAC)	M	ID	2/2	2	220	O	1	200	2	N1	N103	66	C ID	1/2

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81-04		Due-In Notice Consignee DoDAAC Enter the Ultimate Consignee DoDAAC for the TCN. [CDP 18/23]	M	AN	6/6	2	220	O	1	200	2	N1	N104	67	C AN 2/80
82		<b>N1 SEGMENT - Due-In Notice ICP RIC</b> LOOP CONDITION: As applicable, use segment in each Line Item Loop (HL03 = 'I') to identify the Inventory Control Point (ICP) Routing Identifier Code (RIC) that originated the Materiel Release Order (MRO) for the respective line item DLMS Requisition Document Number listed in the Line Item Loop.  The CCP will populate this segment from the MRO transaction information. If unknown, do not populate.		C		2	220	O	1	200	2	N1			See X12 Standards for explanation of syntax notes. R0203P0304
82-01		Due-In Notice ICP Qualifier Z4 - Owning Inventory Control Point  <i>Use 'Z4' to denote ICP.</i>	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M ID 2/3
82-03		Due-In Notice RIC Qualifier M4 - Department of Defense Routing Identifier Code (RIC)	M	ID	2/2	2	220	O	1	200	2	N1	N103	66	C ID 1/2
82-04		Due-In Notice ICP RIC Enter the RIC for the ICP.  [CDF 78/80],[TAV 4/6],[TAW 4/6]	M	AN	3/3	2	220	O	1	200	2	N1	N104	67	C AN 2/80
83		<b>N1 SEGMENT - Due-In Notice Consolidation Location Indicator</b> LOOP CONDITION: Use segment only in the first Shipment Loop (HL01 = '1' and HL03 = 'S').  Enter the DoDAAC of the location performing consolidation of the shipment unit for onward movement.		C		2	220	O	1	200	2	N1			See X12 Standards for explanation of syntax notes. R0203P0304
83-01		Due-In Notice Consolidation Location Qualifier X2 - Party to Perform Packaging	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M ID 2/3
83-02		Due-In Notice Consolidation Location Type [TAV 7/7],[TAW 7/7]  Sample Values: CP, HB, ZZ	M	AN	2/2	2	220	O	1	200	2	N1	N102	93	C AN 1/60
83-03		Due-In Notice Consolidation Location DoDAAC Qualifier 10 - Department of Defense Activity Address Code (DODAAC)	C	ID	2/2	2	220	O	1	200	2	N1	N103	66	C ID 1/2
83-04		Due-In Notice Consolidation Location DoDAAC Enter the DoDAAC of the Consolidation Location, as applicable.	M	AN	2/80	2	220	O	1	200	2	N1	N104	67	C AN 2/80

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84		<b>N1 SEGMENT - Transaction Recipient RIC/DoDAAC</b> LOOP CONDITION: Use this segment only in the first Shipment loop (HL01 = '1' and HL03 = 'S') to identify the next node in the transportation pipeline to receive the Due-In Notice. For DLA, also use this segment in each individual 'I' loop to correlate with the legacy CDF rp4/6 value.  Use of this segment is necessary to facilitate providing RIC/DODAAC transactional routing information to enterprise logistics systems that collect large volumes of data, to ensure that they can differentiate the multitude of due-in notices associated with a shipment TCN that transits multiple transportation nodes.	C	2	220	O	1	200	2	N1					
				See X12 Standards for explanation of syntax notes. R0203P0304											
84-01		Transaction Recipient Qualifier Use '40' to indicate that DAASC should forward this transaction to the RIC/DoDAAC indicated for a third party.  40 - Receiver	M ID 2/2	2	220	O	1	200	2	N1	N101	98	M ID	2/3	
84-03		RIC/DoDAAC Qualifier 10 - Department of Defense Activity Address Code (DODAAC)  M4 - Department of Defense Routing Identifier Code (RIC)	M ID 2/2	2	220	O	1	200	2	N1	N103	66	C ID	1/2	
84-04		Transaction Recipient RIC/DoDAAC Enter the RIC/DoDAAC for the party to receive this transaction.  [CDF 4/6]	M AN 3/6	2	220	O	1	200	2	N1	N104	67	C AN	2/80	
85		<b>N1 SEGMENT - Original Sender RIC/DoDAAC</b> LOOP CONDITION: Use this segment only in the first shipment loop (HL01 = '1' and HL03 = 'S') to identify the origin node in the distribution pipeline generating the Due-In Notice. For DLA, also use this segment in each individual 'I' loop to correlate with the legacy CDF rp 67/69 value.	C	2	220	O	1	200	2	N1					
				See X12 Standards for explanation of syntax notes. R0203P0304											
85-01		Original Sender Qualifier 41 - Submitter  <i>Use '41' to denote Original Sender.</i>	M ID 2/2	2	220	O	1	200	2	N1	N101	98	M ID	2/3	
85-03		RIC/DoDAAC Qualifier 10 - Department of Defense Activity Address Code (DODAAC)  M4 - Department of Defense Routing Identifier Code (RIC)	M ID 2/2	2	220	O	1	200	2	N1	N103	66	C ID	1/2	
85-04		Original Sender RIC/DoDAAC Enter the RIC/DoDAAC of the original party sending this transaction.  [CDF 67/69]	M AN 3/6	2	220	O	1	200	2	N1	N104	67	C AN	2/80	

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86		<b>N1 SEGMENT - Due-In Notice Ship To DoDAAC</b> LOOP CONDITION: Use this segment if the Ship To DoDAAC is different from the consignee DoDAAC. Pass in the HL03='I' loop.	C		2	220	O	1	200	2	N1			See X12 Standards for explanation of syntax notes. R0203P0304	
86-01		Ship To Qualifier ST - Ship To	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M ID 2/3
86-03		DoDAAC Qualifier 10 - Department of Defense Activity Address Code (DODAAC)	M	ID	2/2	2	220	O	1	200	2	N1	N103	66	C ID 1/2
86-04		Due-In Notice Ship To DoDAAC Enter the Due-In Ship To DoDAAC.  [CDF 71/76]	M	AN	6/6	2	220	O	1	200	2	N1	N104	67	C AN 2/80
87		<b>N1 SEGMENT - Due-In Notice Consignor DoDAAC</b> LOOP CONDITION: Use this segment to identify the DoDAAC of the shipping activity as applicable. Do not enter a CAGE code. Pass in the HL03='S' loop.	C			2	220	O	1	200	2	N1		See X12 Standards for explanation of syntax notes. R0203P0304	
87-01		Consignor Qualifier CI - Consignor	M	ID	2/2	2	220	O	1	200	2	N1	N101	98	M ID 2/3
87-03		DoDAAC Qualifier 10 - Department of Defense Activity Address Code (DODAAC)	C	ID	2/2	2	220	O	1	200	2	N1	N103	66	C ID 1/2
87-04		Due-In Notice Consignor DoDAAC Enter DoDAAC of Due-In Shipping Activity.  [CDP 7/12]	M	AN	6/6	2	220	O	1	200	2	N1	N104	67	C AN 2/80
88		<b>LM SEGMENT - Code Source Information</b> LOOP CONDITION: Segment is required to satisfy X12 syntax when any of the following DOD unique codes must be passed: Air and Water Commodity Codes/Special Handling Codes, Type Pack Codes, Document ID Codes, Project Codes, Container Number, Material Condition Codes, CIIC Codes.	C			2	340	O	1	10	2	LM			
88-01		Mandatory Data Element Element required to satisfy X12 syntax.  DF - Department of Defense (DoD)	M	ID	2/2	2	340	O	1	10	2	LM	LM01	559	M ID 2/2
89		<b>LQ SEGMENT - Due-In Notice Type Pack Code</b> SEGMENT CONDITION: This segment is MANDATORY for all shipment loops (HL03='S').	C			2	350	M	100	10	2	LM		See X12 Standards for explanation of syntax notes. C0102	

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89-01		Type Pack Code Qualifier 40 - Type Pack Code	M ID 2/2	2	350	M	100	10	2	LM	LQ01	1270	O	ID	1/3
89-02		Due-In Notice Type Pack Code Enter DoD unique Due-In Type Pack Code of material. Valid code values may be found in the TRDM table TYPE_PACK, mirrored at <a href="http://www.transcom.mil/dteb/files/refdata/V_TYPE_PACK.htm">http://www.transcom.mil/dteb/files/refdata/V_TYPE_PACK.htm</a> If consolidated pack enter value 'CP'. If more than one Type Pack Code in the shipment unit enter value 'MX'.  SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association  [CDP 24/25]	M AN 2/3	2	350	M	100	10	2	LM	LQ02	1271	C	AN	1/30
90		<b>LQ SEGMENT - Due-In Notice Air Dimension Code</b> SEGMENT CONDITION: Required when Air Dimension Code applies. Pass in the HL03='S' loop.	C	2	350	M	100	10	2	LM					
90-01		Air Dimension Code Qualifier 35 - Air Dimension Code	M ID 2/2	2	350	M	100	10	2	LM	LQ01	1270	O	ID	1/3
90-02		Due-In Notice Air Dimension Code Enter Due-In Air Dimension Code.  SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association	M AN 1/1	2	350	M	100	10	2	LM	LQ02	1271	C	AN	1/30
91		<b>LQ SEGMENT - Due-In Notice Water Type Cargo Code</b> SEGMENT CONDITION: This segment is MANDATORY for all shipment loops (HL03='S') when a water commodity code is used.	C	2	350	M	100	10	2	LM					

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91-01		Water Type Cargo Code Qualifier NT - Type of Cargo Code  <i>Use 'NT' to denote Water Type Cargo.</i>	M	ID	2/2	2	350	M	100	10	2	LM	LQ01	1270	O ID 1/3
91-02		Due-In Notice Water Type Cargo Code Enter applicable Water Type Cargo Code.  SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association  [CDP 16/16]	M	AN	1/1	2	350	M	100	10	2	LM	LQ02	1271	C AN 1/30
92		<b>LQ SEGMENT - Due-In Notice Water/Air Commodity Code</b>  SEGMENT CONDITION: Use this segment for shipment loops (HL03 = 'S') as applicable. If this segment is used, the LQ Segment for Special Handling Code must also be used. If this segment is used to carry the water commodity code, then the LQ Segment for Water Type Cargo Code must also be used.	C			2	350	M	100	10	2	LM			See X12 Standards for explanation of syntax notes. C0102
92-01		Water/Air Commodity Code Qualifier 33 - Air Commodity and Special Handling Code  <i>Use '33' to denote (Only) Air Commodity Code.</i>  34 - Water Commodity and Special Handling Code  <i>Use '34' to denote (Only) Water Commodity Code.</i>	M	ID	2/2	2	350	M	100	10	2	LM	LQ01	1270	O ID 1/3

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92-02		Due-In Notice Water/Air Commodity Code  Enter Air [CD: 16/16] or Water Commodity Code [CDP: 13/15] as applicable and qualified by LQ01. This is paired with the Special Handling Code that is mapped to the following LQ segment (Special Handling Code).  SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association  [CDP 16/16],[CDP 13/15]	M AN 1/3	2	350	M	100	10	2	LM	LQ02	1271	C AN	1/30
93		<b>LQ SEGMENT - Due-In Notice Water/Air Special Handling Code</b>  SEGMENT CONDITION: If this segment is used, the LQ Segment for Water/Air Commodity Code must also be used. If this segment is used to carry the water special handling code, then the LQ Segment for Water Type Cargo Code must also be used.	C	2	350	M	100	10	2	LM				See X12 Standards for explanation of syntax notes. C0102
93-01		Water/Air Special Handling Qualifier (The preceding LQ segment identifies associated Commodity Codes.)  A9 - Supplemental Data  <i>Use 'A9' to denote Air Special Handling Code.</i>  ZZ - Mutually Defined  <i>Use 'ZZ' to denote Water Special Handling Code.</i>	M ID 2/2	2	350	M	100	10	2	LM	LQ01	1270	O ID	1/3
93-02		Due-In Notice Water/Air Special Handling Code  Enter applicable Special Handling Code. This is paired with the Commodity Code that is mapped to the previous LQ segment (Commodity Code).  SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association  [CDP 17/17]	M AN 1/1	2	350	M	100	10	2	LM	LQ02	1271	C AN	1/30

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94		<b>LQ SEGMENT - Due-In Notice Seavan or CONEX Container Number</b> SEGMENT CONDITION: Use this segment in the first shipment loop (HL01='1' and HL03='S') to pass the ocean container owner, number and check digit information or CONEX container number as applicable.	C	2	350	M	100	10	2	LM			See X12 Standards for explanation of syntax notes. C0102		
94-01		Due-In Notice Container Information Qualifier For a CONEX use code '32' in the LQ01 and enter the complete CONEX number in the corresponding LQ02 element. For a Container, repeat the LQ segment three times, using the code values as follows: In the first LQ01, use '44' to denote Container Owner Code, and convey the Container Owner Code in the corresponding LQ02 element. In the second LQ01, use '32' to denote Container Serial Number, and convey the Container Serial Number in the corresponding LQ02 element. In the third LQ01, use 'CK' to denote Container Check Digit, and convey the Container Check Digit in the corresponding LQ02 element.  32 - Container and Roll-on/Roll-off Number Code  <i>Use '32' to denote Container Serial Number.</i>  44 - Seavan Ownership Code  <i>Use '44' to denote Owner Code.</i>  CK - Coupon Adjustment Reason Code  <i>Use 'CK' to denote Container Check Digit.</i>	M ID 2/2	2	350	M	100	10	2	LM	LQ01	1270	O	ID	1/3
94-02		Due-In Notice Container Number SEAVAN container owner will be four positions. SEAVAN container serial number will be six positions, CONEX container serial number may be up to 15 positions. SEAVAN container check digit will be one position.  SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association	M AN 1/15	2	350	M	100	10	2	LM	LQ02	1271	C	AN	1/30
95		<b>LQ SEGMENT - Due-In Notice Project Code</b> SEGMENT CONDITION: Use this segment in the line item loop (HL03='I') to identify the project code, if available.	C	2	350	M	100	10	2	LM			See X12 Standards for explanation of syntax notes. C0102		
95-01		Due-In Notice Project Code Qualifier 78 - Project Code	M ID 2/2	2	350	M	100	10	2	LM	LQ01	1270	O	ID	1/3

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95-02		Due-In Notice Project Code Enter Project Code.  SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association	M	AN	3/3	2	350	M	100	10	2	LM	LQ02	1271	C AN 1/30
96		<b>LQ SEGMENT - Due-In Notice Material Condition Code</b> SEGMENT CONDITION: Use this segment in the line item loop (HL03='I') to identify the material condition code, if available.		C		2	350	M	100	10	2	LM			See X12 Standards for explanation of syntax notes. C0102
96-01		Due-In Notice Material Condition Code Qualifier 83 - Supply Condition Code  <i>Use '83' to denote Due-In Notice Material Condition Code.</i>	M	ID	2/2	2	350	M	100	10	2	LM	LQ01	1270	O ID 1/3
96-02		Due-In Notice Material Condition Code Enter the Material Condition Code as identified on the Material Release Order.  SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association	M	AN	1/1	2	350	M	100	10	2	LM	LQ02	1271	C AN 1/30
97		<b>LQ SEGMENT - Due-In Notice Controlled Inventory Item Code (CIIC)</b> SEGMENT CONDITION: Use this segment in the line item loop (HL03='I') to identify the CIIC for the item, if applicable. Mandatory for items that require a REPSHIP and have an associated CIIC.		C		2	350	M	100	10	2	LM			See X12 Standards for explanation of syntax notes. C0102
97-01		Due-In Notice CIIC Qualifier EQ - Controlled Inventory Item Code	M	ID	2/2	2	350	M	100	10	2	LM	LQ01	1270	O ID 1/3

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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	
97-02		Due-In Notice CIIC Enter the CIIC code for the line item, if applicable.  SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association	M AN 1/1	2	350	M	100	10	2	LM	LQ02	1271	C AN	1/30
98		<b>LQ SEGMENT - Due-In Notice Port Consolidation Terminal Code</b> SEGMENT CONDITION: Segment is required if a Port of Embarkation is identified as a transshipper consolidation point. Use segment only in the first Shipment Loop (HL01 = '1') and (HL03 = 'S').	C	2	350	M	100	10	2	LM	See X12 Standards for explanation of syntax notes. C0102			
98-01		Water/Air Port Qualifier Code value identifies the mode relationship (air or water) for the port/terminals shown in the LQ02 data element. (The mode relationship must be identified because the Air Terminal Identifier Code list and the Seaport Identifier Code list provided in the DTR Part II Appendices CC and MM, respectively, use some of the same codes.)  36 - Air Terminal Identifier Code 37 - Water Terminal Identifier Code	M ID 2/2	2	350	M	100	10	2	LM	LQ01	1270	O ID	1/3
98-02		Due-In Notice Port Consolidation Terminal Code As applicable, enter the three-character Air Terminal Identifier Code or Seaport Identifier Code for the Transshipper consolidation point (DTR Part II Appendix CC or MM).  SOURCE: VICS EDI Implementation Guidelines for EDI available from Uniform Code Council, Inc.; Coverage Code List available from Data Interchange Standards Association, Inc. (DISA); Line of Business available from Data Interchange Standards Association, Inc. (DISA); Loss Description Code List available from Data Interchange Standards Association, Inc. (DISA); Cause of Loss Code List available from Data Interchange Standards Association, Inc. (DISA); Product Category List available from Uniform Code Council, Inc.; Calculation Method Code List available from Collision Industry Electronic Commerce Association (CIECA); Association of American Railroads Locomotive Status Manual available from Association of American Railroads; Health Care Claim Status Category Code available from The Blue Cross Blue Shield Association; Health Care Claim Status Code available from The Blue Cross Blue Shield Association	M AN 3/3	2	350	M	100	10	2	LM	LQ02	1271	C AN	1/30
99		<b>V1 SEGMENT - Due-In Notice Port Code Loop</b> LOOP CONDITION: Use this segment in the first shipment loop (HL01='1' and HL03='S') to identify the aerial or water ports for the movement, if applicable.	C	2	360	O	1	>1	2	V1	See X12 Standards for explanation of syntax notes. R0102C0801			

DEPARTMENT OF DEFENSE  
TRANSPORTATION EDI CONVENTION

RECEIPT/SHIPMENT-CONSOLIDATION/DUE-IN/REPSHIP  
856.A.004010

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	
99-01		Loop Header Requirement Enter value zero (0) to satisfy X12 syntax requirement.  SOURCE: Lloyd's Register of Shipping  Sample Values: 0	M	ID	1/1	2	360	O	1	>1	2	V1	V101	597	C ID 1/8
100		<b>R4 SEGMENT - Due-In Notice Port Codes</b> SEGMENT CONDITION: Use this segment in the first shipment loop (HL01='1' and HL03='S') to identify the aerial or water ports for the movement, if applicable.	C			2	370	O	>1	>1	2	V1			See X12 Standards for explanation of syntax notes. P0203
100-01		Due-In Notice Port Function D - Port of Discharge (Operational)  <i>Use 'D' to denote Port of Debarkation.</i>  L - Port of Loading (Operational)  <i>Use 'L' to denote Port of Embarkation.</i>	M	ID	1/1	2	370	O	>1	>1	2	V1	R401	115	M ID 1/1
100-02		Due-In Notice Port Qualifier  SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)  IM - Military Standard Movement Procedures (MILSTAMP)  <i>Use 'IM' to denote Military Port Codes.</i>	M	ID	2/2	2	370	O	>1	>1	2	V1	R402	309	C ID 1/2
100-03		Due-In Notice Port Code Enter the Military Port Code.	C	AN	3/3	2	370	O	>1	>1	2	V1	R403	310	C AN 1/30
101		<b>SE SEGMENT - Receipt/Shipment-Consolidation Notice/Due-In Notice Trailer</b>	M			3	020	M	1						
101-01		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	
101-02		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

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## 4-03 -- Receipt Notice Shipment Unit or Basis for Measurement Code

Data Value - Definition
01 - Actual Pounds
02 - Statute Mile
03 - Seconds
04 - Small Spray
05 - Lifts
06 - Digits
07 - Strand
08 - Heat Lots
09 - Tire
10 - Group
11 - Outfit
12 - Packet
13 - Ration
14 - Shot
15 - Stick
16 - 115 Kilogram Drum
17 - 100 Pound Drum
18 - 55 Gallon Drum
19 - Tank Truck
1A - Car Mile
1B - Car Count
1C - Locomotive Count
1D - Caboose Count
1E - Empty Car
1F - Train Mile
1G - Fuel Usage (Gallons)
1H - Caboose Mile
1I - Fixed Rate
1J - Ton Miles
1K - Locomotive Mile
1L - Total Car Count
1M - Total Car Mile
1N - Count
1O - Season
1P - Tank Car
1Q - Frames
1R - Transactions
1X - Quarter Mile
20 - 20 Foot Container
21 - 40 Foot Container
22 - Deciliter per Gram
23 - Grams per Cubic Centimeter
24 - Theoretical Pounds
25 - Grams per Square Centimeter
26 - Actual Tons
27 - Theoretical Tons
28 - Kilograms per Square Meter
29 - Pounds per 1000 Square Feet
2A - Radians Per Second
2B - Radians Per Second Squared
2C - Roentgen
2F - Volts Per Meter
2G - Volts (Alternating Current)
2H - Volts (Direct Current)
2I - British Thermal Units (BTUs) Per Hour
2J - Cubic Centimeters Per Second
2K - Cubic Feet Per Hour
2L - Cubic Feet Per Minute
2M - Centimeters Per Second
2N - Decibels
2P - Kilobyte
2Q - Kilobecquerel
2R - Kilocurie
2U - Megagram
2V - Megagrams Per Hour
2W - Bin
2X - Meters Per Minute
2Y - Milliroentgen
2Z - Millivolts
30 - Horsepower Days per Air Dry Metric Tons
31 - Catchweight
32 - Kilograms per Air Dry Metric Tons
33 - Kilopascal Square Meters per Gram
34 - Kilopascals per Millimeter
35 - Milliliters per Square Centimeter Second
36 - Cubic Feet per Minute per Square Foot
37 - Ounces per Square Foot
38 - Ounces per Square Foot per 0.01 Inch

## 4-03 -- Receipt Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
39 - Basis Points
3B - Megajoule
3C - Manmonth
3E - Pounds Per Pound of Product
3F - Kilograms Per Liter of Product
3G - Pounds Per Piece of Product
3H - Kilograms Per Kilogram of Product
3I - Kilograms Per Piece of Product
40 - Milliliter per Second
41 - Milliliter per Minute
43 - Super Bulk Bag
44 - 500 Kilogram Bulk Bag
45 - 300 Kilogram Bulk Bag
46 - 25 Kilogram Bulk Bag
47 - 50 Pound Bag
48 - Bulk Car Load
4A - Bobbin
4B - Cap
4C - Centistokes
4D - Curie
4E - 20-Pack
4F - 100-Pack
4G - Microliter
4H - Micrometer
4I - Meters Per Second
4J - Meters Per Second Per Second
4K - Milliampere
4L - Megabyte
4M - Milligrams Per Hour
4N - Megabecquerel
4O - Microfarad
4P - Newtons Per Meter
4Q - Ounce Inch
4R - Ounce Foot
4S - Pascal
4T - Picofarad
4U - Pounds Per Hour
4V - Cubic Meter Per Hour
4W - Ton Per Hour
4X - Kiloliter Per Hour
50 - Actual Kilograms
51 - Actual Tonnes
52 - Credits
53 - Theoretical Kilograms
54 - Theoretical Tonnes
56 - Sitas
57 - Mesh
58 - Net Kilograms
59 - Parts Per Million
5A - Barrels per Minute
5B - Batch
5C - Gallons per Thousand
5E - MMSCF/Day
5F - Pounds per Thousand
5G - Pump
5H - Stage
5I - Standard Cubic Foot
5J - Hydraulic Horse Power
5K - Count per Minute
5P - Seismic Level
5Q - Seismic Line
60 - Percent Weight
61 - Parts Per Billion
62 - Percent Per 1000 Hours
63 - Failure Rate In Time
64 - Pounds Per Square Inch Gauge
65 - Coulomb
66 - Oersteds
67 - Siemens
68 - Ampere
69 - Test Specific Scale
70 - Volt
71 - Volt-Ampere Per Pound
72 - Watts Per Pound
73 - Ampere Turn Per Centimeter
74 - Milli Pascals
76 - Gauss
77 - Mil

## 4-03 -- Receipt Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
78 - Kilogauss
79 - Electron Volt
80 - Pounds Per Square Inch Absolute
81 - Henry
82 - Ohm
83 - Farad
84 - Kilo Pounds Per Square Inch (KSI)
85 - Foot Pounds
86 - Joules
87 - Pounds per Cubic Foot
89 - Poise
8C - Cord
8D - Duty
8P - Project
8R - Program
8S - Session
8U - Square Kilometer
90 - Saybold Universal Second
91 - Stokes
92 - Calories per Cubic Centimeter
93 - Calories per Gram
94 - Curl Units
95 - 20,000 Gallon Tankcar
96 - 10,000 Gallon Tankcar
97 - 10 Kilogram Drum
98 - 15 Kilogram Drum
99 - Watt
A8 - Dollars per Hours
AA - Ball
AB - Bulk Pack
AC - Acre
AD - Bytes
AE - Amperes per Meter
AF - Centigram
AG - Angstrom
AH - Additional Minutes
AI - Average Minutes Per Call
AJ - Cop
AK - Fathom
AL - Access Lines
AM - Ampoule
AN - Minutes or Messages
AO - Ampere-turn
AP - Aluminum Pounds Only
AQ - Anti-hemophilic Factor (AHF) Units
AR - Suppository
AS - Assortment
AT - Atmosphere
AU - Ocular Insert System
AV - Capsule
AW - Powder-Filled Vials
AX - Twenty
AY - Assembly
AZ - British Thermal Units (BTUs) per Pound
B0 - British Thermal Units (BTUs) per Cubic Foot
B1 - Barrels per Day
B2 - Bunks
B3 - Batting Pound
B4 - Barrel, Imperial
B5 - Billet
B6 - Bun
B7 - Cycles
B8 - Board
B9 - Batt
BA - Bale
BB - Base Box
BC - Bucket
BD - Bundle
BE - Beam
BF - Board Feet
BG - Bag
BH - Brush
BI - Bar
BJ - Band
BK - Book
BL - Block
BM - Bolt
BN - Bulk

## 4-03 -- Receipt Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
BO - Bottle
BP - 100 Board Feet
BQ - Brake horse power
BR - Barrel
BS - Basket
BT - Belt
BU - Bushel
BV - Bushel, Dry Imperial
BW - Base Weight
BX - Box
BY - British Thermal Unit (BTU)
BZ - Million BTU's
C0 - Calls
C1 - Composite Product Pounds (Total Weight)
C2 - Carset
C3 - Centiliter
C4 - Carload
C5 - Cost
C6 - Cell
C7 - Centipoise (CPS)
C8 - Cubic Decimeter
C9 - Coil Group
CA - Case
CB - Carboy
CC - Cubic Centimeter
CD - Carat
CE - Centigrade, Celsius
CF - Cubic Feet
CG - Card
CH - Container
CI - Cubic Inches
CJ - Cone
CK - Connector
CL - Cylinder
CM - Centimeter
CN - Can
CO - Cubic Meters (Net)
CP - Crate
CQ - Cartridge
CR - Cubic Meter
CS - Cassette
CT - Carton
CU - Cup
CV - Cover
CW - Hundred Pounds (CWT)
CX - Coil
CY - Cubic Yard
CZ - Combo
D2 - Shares
D3 - Square Decimeter
D5 - Kilogram Per Square Centimeter
D8 - Draize Score
D9 - Dyne per Square Centimeter
DA - Days
DB - Dry Pounds
DC - Disk (Disc)
DD - Degree
DE - Deal
DF - Dram
DG - Decigram
DH - Miles
DI - Dispenser
DJ - Decagram
DK - Kilometers
DL - Deciliter
DM - Decimeter
DN - Deci Newton-Meter
DO - Dollars, U.S.
DP - Dozen Pair
DQ - Data Records
DR - Drum
DS - Display
DT - Dry Ton
DU - Dyne
DW - Calendar Days
DX - Dynes per Centimeter
DY - Directory Books
DZ - Dozen

## 4-03 -- Receipt Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
E1 - Hectometer
E3 - Inches, Fraction--Average
E4 - Inches, Fraction--Minimum
E5 - Inches, Fraction--Actual
E7 - Inches, Decimal--Average
E8 - Inches, Decimal--Actual
E9 - English, (Feet, Inches)
EA - Each
EB - Electronic Mail Boxes
EC - Each per Month
ED - Inches, Decimal--Nominal
EE - Employees
EF - Inches, Fraction-Nominal
EG - Double-time Hours
EH - Knots
EJ - Locations
EM - Inches, Decimal-Minimum
EP - Eleven pack
EQ - Equivalent Gallons
EV - Envelope
EX - Feet, Inches and Fraction
EY - Feet, Inches and Decimal
EZ - Feet and Decimal
F1 - Thousand Cubic Feet Per Day
F2 - International Unit
F3 - Equivalent
F4 - Minim
F5 - MOL
F6 - Price Per Share
F9 - Fibers per Cubic Centimeter of Air
FA - Fahrenheit
FB - Fields
FC - 1000 Cubic Feet
FD - Million Particles per Cubic Foot
FE - Track Foot
FF - Hundred Cubic Meters
FG - Transdermal Patch
FH - Micromolar
FJ - Sizing Factor
FK - Fibers
FL - Flake Ton
FM - Million Cubic Feet
FO - Fluid Ounce
FP - Pounds per Sq. Ft.
FR - Feet Per Minute
FS - Feet Per Second
FT - Foot
FZ - Fluid Ounce (Imperial)
G2 - U.S. Gallons Per Minute
G3 - Imperial Gallons Per Minute
G4 - Gigabecquerel
G5 - Gill (Imperial)
G7 - Microfiche Sheet
GA - Gallon
GB - Gallons/Day
GC - Grams per 100 Grams
GD - Gross Barrels
GE - Pounds per Gallon
GF - Grams per 100 Centimeters
GG - Great Gross (Dozen Gross)
GH - Half Gallon
GI - Imperial Gallons
GJ - Grams per Milliliter
GK - Grams per Kilogram
GL - Grams per Liter
GM - Grams per Sq. Meter
GN - Gross Gallons
GO - Milligrams per Square Meter
GP - Milligrams per Cubic Meter
GQ - Micrograms per Cubic Meter
GR - Gram
GS - Gross
GT - Gross Kilogram
GU - Gauss per Oersteds
GV - Gigajoules
GW - Gallons Per Thousand Cubic Feet
GX - Grain
GY - Gross Yard

## 4-03 -- Receipt Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
GZ - Gage Systems
H1 - Half Pages - Electronic
H2 - Half Liter
H4 - Hectoliter
HA - Hank
HB - Hundred Boxes
HC - Hundred Count
HD - Half Dozen
HE - Hundredth of a Carat
HF - Hundred Feet
HG - Hectogram
HH - Hundred Cubic Feet
HI - Hundred Sheets
HJ - Horsepower
HK - Hundred Kilograms
HL - Hundred Feet - Linear
HM - Miles Per Hour
HN - Millimeters of Mercury
HO - Hundred Troy Ounces
HP - Millimeter H20
HQ - Hectare
HR - Hours
HS - Hundred Square Feet
HT - Half Hour
HU - Hundred
HV - Hundred Weight (Short)
HW - Hundred Weight (Long)
HY - Hundred Yards
HZ - Hertz
IA - Inch Pound
IB - Inches Per Second (Vibration Velocity)
IC - Counts per Inch
IE - Person
IF - Inches of Water
IH - Inhaler
II - Column-Inches
IK - Peaks per Inch (PPI)
IL - Inches per Minute
IM - Impressions
IN - Inch
IP - Insurance Policy
IT - Counts per Centimeter
IU - Inches Per Second (Linear Speed)
IV - Inches Per Second Per Second (Acceleration)
IW - Inches Per Second Per Second (Vibration Acceleration)
J2 - Joule Per Kilogram
JA - Job
JB - Jumbo
JE - Joule Per Kelvin
JG - Joule per Gram
JK - Mega Joule per Kilogram
JM - Megajoule/Cubic Meter
JO - Joint
JR - Jar
JU - Jug
K1 - Kilowatt Demand
K2 - Kilovolt Amperes Reactive Demand
K3 - Kilovolt Amperes Reactive Hour
K4 - Kilovolt Amperes
K5 - Kilovolt Amperes Reactive
K6 - Kiloliter
K7 - Kilowatt
K9 - Kilograms per Millimeter Squared (KG/MM2)
KA - Cake
KB - Kilocharacters
KC - Kilograms per Cubic Meter
KD - Kilograms Decimal
KE - Keg
KF - Kilopackets
KG - Kilogram
KH - Kilowatt Hour
KI - Kilograms/Millimeter Width
KJ - Kilosegments
KK - 100 Kilograms
KL - Kilograms/Meter
KM - Kilograms per Square Meter, Kilograms, Decimal
KO - Millequivalence Caustic Potash per Gram of Product
KP - Kilometers Per Hour

## 4-03 -- Receipt Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
KQ - Kilopascal
KR - Kiloerontgen
KS - 1000 Pounds per Square Inch
KT - Kit
KU - Task
KV - Kelvin
KW - Kilograms per Millimeter
KX - Milliliters per Kilogram
L2 - Liters Per Minute
LA - Pounds Per Cubic Inch
LB - Pound
LC - Linear Centimeter
LE - Lite
LF - Linear Foot
LG - Long Ton
LH - Labor Hours
LI - Linear Inch
LJ - Large Spray
LK - Link
LL - Lifetime
LM - Linear Meter
LN - Length
LO - Lot
LP - Liquid Pounds
LQ - Liters Per Day
LR - Layer(s)
LS - Lump Sum
LT - Liter
LX - Linear Yards Per Pound
LY - Linear Yard
M0 - Magnetic Tapes
M1 - Milligrams per Liter
M2 - Millimeter-Actual
M3 - Mat
M4 - Monetary Value
M5 - Microcurie
M6 - Millibar
M7 - Micro Inch
M8 - Mega Pascals
M9 - Million British Thermal Units per One Thousand Cubic Feet
MA - Machine/Unit
MB - Millimeter-Nominal
MC - Microgram
MD - Air Dry Metric Ton
ME - Milligram
MF - Milligram per Sq. Ft. per Side
MG - Metric Gross Ton
MH - Microns (Micrometers)
MI - Metric
MJ - Minutes
MK - Milligrams Per Square Inch
ML - Milliliter
MM - Millimeter
MN - Metric Net Ton
MO - Months
MP - Metric Ton
MQ - 1000 Meters
MR - Meter
MS - Square Millimeter
MT - Metric Long Ton
MU - Millicurie
MV - Number of Mults
MW - Metric Ton Kilograms
MX - Mixed
MY - Millimeter-Average
MZ - Millimeter-minimum
N1 - Pen Calories
N2 - Number of Lines
N3 - Print Point
N4 - Pen Grams (Protein)
N6 - Megahertz
N7 - Parts
N9 - Cartridge Needle
NA - Milligrams per Kilogram
NB - Barge
NC - Car
ND - Net Barrels
NE - Net Liters

## 4-03 -- Receipt Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
NF - Messages
NG - Net Gallons
NH - Message Hours
NI - Net Imperial Gallons
NJ - Number of Screens
NL - Load
NM - Nautical Mile
NN - Train
NQ - Mho
NR - Micro Mho
NS - Short Ton
NT - Trailer
NU - Newton-Meter
NV - Vehicle
NW - Newton
NX - Parts Per Thousand
NY - Pounds Per Air-Dry Metric Ton
OA - Panel
OC - Billboard
ON - Ounces per Square Yard
OP - Two pack
OT - Overtime Hours
OZ - Ounce - Av
P0 - Pages - Electronic
P1 - Percent
P2 - Pounds per Foot
P3 - Three pack
P4 - Four-pack
P5 - Five-pack
P6 - Six pack
P7 - Seven pack
P8 - Eight-pack
P9 - Nine pack
PA - Pail
PB - Pair Inches
PC - Piece
PD - Pad
PE - Pounds Equivalent
PF - Pallet (Lift)
PG - Pounds Gross
PH - Pack (PAK)
PI - Pitch
PJ - Pounds, Decimal - Pounds per Square Foot - Pound Gage
PK - Package
PL - Pallet/Unit Load
PM - Pounds-Percentage
PN - Pounds Net
PO - Pounds per Inch of Length
PP - Plate
PQ - Pages per Inch
PR - Pair
PS - Pounds per Sq. Inch
PT - Pint
PU - Mass Pounds
PV - Half Pint
PW - Pounds per Inch of Width
PX - Pint, Imperial
PY - Peck, Dry U.S.
PZ - Peck, Dry Imperial
Q1 - Quarter (Time)
Q2 - Pint U.S. Dry
Q3 - Meal
Q4 - Fifty
Q5 - Twenty-Five
Q6 - Thirty-Six
Q7 - Twenty-Four
QA - Pages - Facsimile
QB - Pages - Hardcopy
QC - Channel
QD - Quarter Dozen
QE - Photographs
QH - Quarter Hours
QK - Quarter Kilogram
QR - Quire
QS - Quart, Dry U.S.
QT - Quart
QU - Quart, Imperial
R1 - Pica

## 4-03 -- Receipt Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
R2 - Becquerel
R3 - Revolutions Per Minute
R4 - Calorie
R5 - Thousands of Dollars
R6 - Millions of Dollars
R7 - Billions of Dollars
R8 - Roentgen Equivalent in Man (REM)
R9 - Thousand Cubic Meters
RA - Rack
RB - Radian
RC - Rod (area) - 16.25 Square Yards
RD - Rod (length) - 5.5 Yards
RE - Reel
RG - Ring
RH - Running or Operating Hours
RK - Roll-Metric Measure
RL - Roll
RM - Ream
RN - Ream-Metric Measure
RO - Round
RP - Pounds per Ream
RS - Resets
RT - Revenue Ton Miles
RU - Run
S1 - Semester
S2 - Trimester
S3 - Square Feet per Second
S4 - Square Meters per Second
S5 - Sixty-fourths of an Inch
S6 - Sessions
S7 - Storage Units
S8 - Standard Advertising Units (SAUs)
S9 - Slip Sheet
SA - Sandwich
SB - Square Mile
SC - Square Centimeter
SD - Solid Pounds
SE - Section
SF - Square Foot
SG - Segment
SH - Sheet
SI - Square Inch
SJ - Sack
SK - Split Tanktruck
SL - Sleeve
SM - Square Meter
SN - Square Rod
SO - Spool
SP - Shelf Package
SQ - Square
SR - Strip
SS - Sheet-Metric Measure
ST - Set
SV - Skid
SW - Skein
SX - Shipment
SY - Square Yard
SZ - Syringe
T0 - Telecommunications Lines in Service
T1 - Thousand pounds gross
T2 - Thousandths of an Inch
T3 - Thousand Pieces
T4 - Thousand Bags
T5 - Thousand Casings
T6 - Thousand Gallons
T7 - Thousand Impressions
T8 - Thousand Linear Inches
T9 - Thousand Kilowatt Hours
TA - Tenth Cubic Foot
TB - Tube
TC - Truckload
TD - Therms
TE - Tote
TF - Ten Square Yards
TG - Gross Ton
TH - Thousand
TI - Thousand Square Inches
TJ - Thousand Sq. Centimeters

## 4-03 -- Receipt Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
TK - Tank
TL - Thousand Feet (Linear)
TM - Thousand Feet (Board)
TN - Net Ton (2,000 LB).
TO - Troy Ounce
TP - Ten-pack
TQ - Thousand Feet
TR - Ten Square Feet
TS - Thousand Square Feet
TT - Thousand Linear Meters
TU - Thousand Linear Yards
TV - Thousand Kilograms
TW - Thousand Sheets
TX - Troy Pound
TY - Tray
TZ - Thousand Cubic Feet
U1 - Treatments
U2 - Tablet
U3 - Ten
U5 - Two Hundred Fifty
UA - Torr
UB - Telecommunications Lines in Service - Average
UC - Telecommunications Ports
UD - Tenth Minutes
UE - Tenth Hours
UF - Usage per Telecommunications Line - Average
UH - Ten Thousand Yards
UL - Unitless
UM - Million Units
UN - Unit
UP - Troche
UQ - Wafer
UR - Application
US - Dosage Form
UT - Inhalation
UU - Lozenge
UV - Percent Topical Only
UW - Milliequivalent
UX - Dram (Minim)
UY - Fifty Square Feet
UZ - Fifty Count
V1 - Flat
V2 - Pouch
VA - Volt-ampere per Kilogram
VC - Five Hundred
VI - Vial
VP - Percent Volume
VR - Volt-ampere-reactive
VS - Visit
W2 - Wet Kilo
WA - Watts per Kilogram
WB - Wet Pound
WD - Work Days
WE - Wet Ton
WG - Wine Gallon
WH - Wheel
WI - Weight per Square Inch
WK - Week
WM - Working Months
WP - Pennyweight
WR - Wrap
WW - Milliliters of Water
X1 - Chains (Land Survey)
X2 - Bunch
X3 - Clove
X4 - Drop
X5 - Head
X6 - Heart
X7 - Leaf
X8 - Loaf
X9 - Portion
XP - Base Box per Pound
Y1 - Slice
Y2 - Tablespoon
Y3 - Teaspoon
Y4 - Tub
YD - Yard
YL - 100 Lineal Yards

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## 4-03 -- Receipt Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
YR - Years YT - Ten Yards Z1 - Lift Van Z2 - Chest Z3 - Cask Z4 - Hogshead Z5 - Lug Z6 - Conference Points Z8 - Newspaper Agate Line ZA - Bimonthly ZB - Biweekly ZC - Semiannual ZP - Page

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## 9-04 -- Receipt Notice Time Qualifier Code

Data Value - Definition
01 - Equivalent to ISO P01
02 - Equivalent to ISO P02
03 - Equivalent to ISO P03
04 - Equivalent to ISO P04
05 - Equivalent to ISO P05
06 - Equivalent to ISO P06
07 - Equivalent to ISO P07
08 - Equivalent to ISO P08
09 - Equivalent to ISO P09
10 - Equivalent to ISO P10
11 - Equivalent to ISO P11
12 - Equivalent to ISO P12
13 - Equivalent to ISO M12
14 - Equivalent to ISO M11
15 - Equivalent to ISO M10
16 - Equivalent to ISO M09
17 - Equivalent to ISO M08
18 - Equivalent to ISO M07
19 - Equivalent to ISO M06
20 - Equivalent to ISO M05
21 - Equivalent to ISO M04
22 - Equivalent to ISO M03
23 - Equivalent to ISO M02
24 - Equivalent to ISO M01
AD - Alaska Daylight Time
AS - Alaska Standard Time
AT - Alaska Time
CD - Central Daylight Time
CS - Central Standard Time
CT - Central Time
ED - Eastern Daylight Time
ES - Eastern Standard Time
ET - Eastern Time
GM - Greenwich Mean Time
HD - Hawaii-Aleutian Daylight Time
HS - Hawaii-Aleutian Standard Time
HT - Hawaii-Aleutian Time
LT - Local Time
MD - Mountain Daylight Time
MS - Mountain Standard Time
MT - Mountain Time
ND - Newfoundland Daylight Time
NS - Newfoundland Standard Time
NT - Newfoundland Time
PD - Pacific Daylight Time
PS - Pacific Standard Time
PT - Pacific Time
TD - Atlantic Daylight Time
TS - Atlantic Standard Time
TT - Atlantic Time
UT - Universal Time Coordinate

## 14-03 -- Shipment-C Notice Shipment Unit or Basis for Measurement Code

### Data Value - Definition

01 - Actual Pounds  
02 - Statute Mile  
03 - Seconds  
04 - Small Spray  
05 - Lifts  
06 - Digits  
07 - Strand  
08 - Heat Lots  
09 - Tire  
10 - Group  
11 - Outfit  
12 - Packet  
13 - Ration  
14 - Shot  
15 - Stick  
16 - 115 Kilogram Drum  
17 - 100 Pound Drum  
18 - 55 Gallon Drum  
19 - Tank Truck  
1A - Car Mile  
1B - Car Count  
1C - Locomotive Count  
1D - Caboose Count  
1E - Empty Car  
1F - Train Mile  
1G - Fuel Usage (Gallons)  
1H - Caboose Mile  
1I - Fixed Rate  
1J - Ton Miles  
1K - Locomotive Mile  
1L - Total Car Count  
1M - Total Car Mile  
1N - Count  
1O - Season  
1P - Tank Car  
1Q - Frames  
1R - Transactions  
1X - Quarter Mile  
20 - 20 Foot Container  
21 - 40 Foot Container  
22 - Deciliter per Gram  
23 - Grams per Cubic Centimeter  
24 - Theoretical Pounds  
25 - Grams per Square Centimeter  
26 - Actual Tons  
27 - Theoretical Tons  
28 - Kilograms per Square Meter  
29 - Pounds per 1000 Square Feet  
2A - Radians Per Second  
2B - Radians Per Second Squared  
2C - Roentgen  
2F - Volts Per Meter  
2G - Volts (Alternating Current)  
2H - Volts (Direct Current)  
2I - British Thermal Units (BTUs) Per Hour  
2J - Cubic Centimeters Per Second  
2K - Cubic Feet Per Hour  
2L - Cubic Feet Per Minute  
2M - Centimeters Per Second  
2N - Decibels  
2P - Kilobyte  
2Q - Kilobecquerel  
2R - Kilocurie  
2U - Megagram  
2V - Megagrams Per Hour  
2W - Bin  
2X - Meters Per Minute  
2Y - Milliroentgen  
2Z - Millivolts  
30 - Horsepower Days per Air Dry Metric Tons  
31 - Catchweight  
32 - Kilograms per Air Dry Metric Tons  
33 - Kilopascal Square Meters per Gram  
34 - Kilopascals per Millimeter  
35 - Milliliters per Square Centimeter Second  
36 - Cubic Feet per Minute per Square Foot  
37 - Ounces per Square Foot  
38 - Ounces per Square Foot per 0.01 Inch

## 14-03 -- Shipment-C Notice Shipment Unit or Basis for Measurement Code (CONT)

### Data Value - Definition

39 - Basis Points  
3B - Megajoule  
3C - Manmonth  
3E - Pounds Per Pound of Product  
3F - Kilograms Per Liter of Product  
3G - Pounds Per Piece of Product  
3H - Kilograms Per Kilogram of Product  
3I - Kilograms Per Piece of Product  
40 - Milliliter per Second  
41 - Milliliter per Minute  
43 - Super Bulk Bag  
44 - 500 Kilogram Bulk Bag  
45 - 300 Kilogram Bulk Bag  
46 - 25 Kilogram Bulk Bag  
47 - 50 Pound Bag  
48 - Bulk Car Load  
4A - Bobbin  
4B - Cap  
4C - Centistokes  
4D - Curie  
4E - 20-Pack  
4F - 100-Pack  
4G - Microliter  
4H - Micrometer  
4I - Meters Per Second  
4J - Meters Per Second Per Second  
4K - Milliampere  
4L - Megabyte  
4M - Milligrams Per Hour  
4N - Megabecquerel  
4O - Microfarad  
4P - Newtons Per Meter  
4Q - Ounce Inch  
4R - Ounce Foot  
4S - Pascal  
4T - Picofarad  
4U - Pounds Per Hour  
4V - Cubic Meter Per Hour  
4W - Ton Per Hour  
4X - Kiloliter Per Hour  
50 - Actual Kilograms  
51 - Actual Tonnes  
52 - Credits  
53 - Theoretical Kilograms  
54 - Theoretical Tonnes  
56 - Sitas  
57 - Mesh  
58 - Net Kilograms  
59 - Parts Per Million  
5A - Barrels per Minute  
5B - Batch  
5C - Gallons per Thousand  
5E - MMSCF/Day  
5F - Pounds per Thousand  
5G - Pump  
5H - Stage  
5I - Standard Cubic Foot  
5J - Hydraulic Horse Power  
5K - Count per Minute  
5P - Seismic Level  
5Q - Seismic Line  
60 - Percent Weight  
61 - Parts Per Billion  
62 - Percent Per 1000 Hours  
63 - Failure Rate In Time  
64 - Pounds Per Square Inch Gauge  
65 - Coulomb  
66 - Oersteds  
67 - Siemens  
68 - Ampere  
69 - Test Specific Scale  
70 - Volt  
71 - Volt-Ampere Per Pound  
72 - Watts Per Pound  
73 - Ampere Turn Per Centimeter  
74 - Milli Pascals  
76 - Gauss  
77 - Mil

## 14-03 -- Shipment-C Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
78 - Kilogauss
79 - Electron Volt
80 - Pounds Per Square Inch Absolute
81 - Henry
82 - Ohm
83 - Farad
84 - Kilo Pounds Per Square Inch (KSI)
85 - Foot Pounds
86 - Joules
87 - Pounds per Cubic Foot
89 - Poise
8C - Cord
8D - Duty
8P - Project
8R - Program
8S - Session
8U - Square Kilometer
90 - Saybold Universal Second
91 - Stokes
92 - Calories per Cubic Centimeter
93 - Calories per Gram
94 - Curl Units
95 - 20,000 Gallon Tankcar
96 - 10,000 Gallon Tankcar
97 - 10 Kilogram Drum
98 - 15 Kilogram Drum
99 - Watt
A8 - Dollars per Hours
AA - Ball
AB - Bulk Pack
AC - Acre
AD - Bytes
AE - Amperes per Meter
AF - Centigram
AG - Angstrom
AH - Additional Minutes
AI - Average Minutes Per Call
AJ - Cop
AK - Fathom
AL - Access Lines
AM - Ampoule
AN - Minutes or Messages
AO - Ampere-turn
AP - Aluminum Pounds Only
AQ - Anti-hemophilic Factor (AHF) Units
AR - Suppository
AS - Assortment
AT - Atmosphere
AU - Ocular Insert System
AV - Capsule
AW - Powder-Filled Vials
AX - Twenty
AY - Assembly
AZ - British Thermal Units (BTUs) per Pound
B0 - British Thermal Units (BTUs) per Cubic Foot
B1 - Barrels per Day
B2 - Bunks
B3 - Batting Pound
B4 - Barrel, Imperial
B5 - Billet
B6 - Bun
B7 - Cycles
B8 - Board
B9 - Batt
BA - Bale
BB - Base Box
BC - Bucket
BD - Bundle
BE - Beam
BF - Board Feet
BG - Bag
BH - Brush
BI - Bar
BJ - Band
BK - Book
BL - Block
BM - Bolt
BN - Bulk

## 14-03 -- Shipment-C Notice Shipment Unit or Basis for Measurement Code (CONT)

### Data Value - Definition

BO - Bottle  
BP - 100 Board Feet  
BQ - Brake horse power  
BR - Barrel  
BS - Basket  
BT - Belt  
BU - Bushel  
BV - Bushel, Dry Imperial  
BW - Base Weight  
BX - Box  
BY - British Thermal Unit (BTU)  
BZ - Million BTU's  
C0 - Calls  
C1 - Composite Product Pounds (Total Weight)  
C2 - Carset  
C3 - Centiliter  
C4 - Carload  
C5 - Cost  
C6 - Cell  
C7 - Centipoise (CPS)  
C8 - Cubic Decimeter  
C9 - Coil Group  
CA - Case  
CB - Carboy  
CC - Cubic Centimeter  
CD - Carat  
CE - Centigrade, Celsius  
CF - Cubic Feet  
CG - Card  
CH - Container  
CI - Cubic Inches  
CJ - Cone  
CK - Connector  
CL - Cylinder  
CM - Centimeter  
CN - Can  
CO - Cubic Meters (Net)  
CP - Crate  
CQ - Cartridge  
CR - Cubic Meter  
CS - Cassette  
CT - Carton  
CU - Cup  
CV - Cover  
CW - Hundred Pounds (CWT)  
CX - Coil  
CY - Cubic Yard  
CZ - Combo  
D2 - Shares  
D3 - Square Decimeter  
D5 - Kilogram Per Square Centimeter  
D8 - Draize Score  
D9 - Dyne per Square Centimeter  
DA - Days  
DB - Dry Pounds  
DC - Disk (Disc)  
DD - Degree  
DE - Deal  
DF - Dram  
DG - Decigram  
DH - Miles  
DI - Dispenser  
DJ - Decagram  
DK - Kilometers  
DL - Deciliter  
DM - Decimeter  
DN - Deci Newton-Meter  
DO - Dollars, U.S.  
DP - Dozen Pair  
DQ - Data Records  
DR - Drum  
DS - Display  
DT - Dry Ton  
DU - Dyne  
DW - Calendar Days  
DX - Dynes per Centimeter  
DY - Directory Books  
DZ - Dozen

## 14-03 -- Shipment-C Notice Shipment Unit or Basis for Measurement Code (CONT)

### Data Value - Definition

E1 - Hectometer  
E3 - Inches, Fraction--Average  
E4 - Inches, Fraction--Minimum  
E5 - Inches, Fraction--Actual  
E7 - Inches, Decimal--Average  
E8 - Inches, Decimal--Actual  
E9 - English, (Feet, Inches)  
EA - Each  
EB - Electronic Mail Boxes  
EC - Each per Month  
ED - Inches, Decimal--Nominal  
EE - Employees  
EF - Inches, Fraction-Nominal  
EG - Double-time Hours  
EH - Knots  
EJ - Locations  
EM - Inches, Decimal-Minimum  
EP - Eleven pack  
EQ - Equivalent Gallons  
EV - Envelope  
EX - Feet, Inches and Fraction  
EY - Feet, Inches and Decimal  
EZ - Feet and Decimal  
F1 - Thousand Cubic Feet Per Day  
F2 - International Unit  
F3 - Equivalent  
F4 - Minim  
F5 - MOL  
F6 - Price Per Share  
F9 - Fibers per Cubic Centimeter of Air  
FA - Fahrenheit  
FB - Fields  
FC - 1000 Cubic Feet  
FD - Million Particles per Cubic Foot  
FE - Track Foot  
FF - Hundred Cubic Meters  
FG - Transdermal Patch  
FH - Micromolar  
FJ - Sizing Factor  
FK - Fibers  
FL - Flake Ton  
FM - Million Cubic Feet  
FO - Fluid Ounce  
FP - Pounds per Sq. Ft.  
FR - Feet Per Minute  
FS - Feet Per Second  
FT - Foot  
FZ - Fluid Ounce (Imperial)  
G2 - U.S. Gallons Per Minute  
G3 - Imperial Gallons Per Minute  
G4 - Gigabecquerel  
G5 - Gill (Imperial)  
G7 - Microfiche Sheet  
GA - Gallon  
GB - Gallons/Day  
GC - Grams per 100 Grams  
GD - Gross Barrels  
GE - Pounds per Gallon  
GF - Grams per 100 Centimeters  
GG - Great Gross (Dozen Gross)  
GH - Half Gallon  
GI - Imperial Gallons  
GJ - Grams per Milliliter  
GK - Grams per Kilogram  
GL - Grams per Liter  
GM - Grams per Sq. Meter  
GN - Gross Gallons  
GO - Milligrams per Square Meter  
GP - Milligrams per Cubic Meter  
GQ - Micrograms per Cubic Meter  
GR - Gram  
GS - Gross  
GT - Gross Kilogram  
GU - Gauss per Oersteds  
GV - Gigajoules  
GW - Gallons Per Thousand Cubic Feet  
GX - Grain  
GY - Gross Yard

## 14-03 -- Shipment-C Notice Shipment Unit or Basis for Measurement Code (CONT)

### Data Value - Definition

GZ - Gage Systems  
 H1 - Half Pages - Electronic  
 H2 - Half Liter  
 H4 - Hectoliter  
 HA - Hank  
 HB - Hundred Boxes  
 HC - Hundred Count  
 HD - Half Dozen  
 HE - Hundredth of a Carat  
 HF - Hundred Feet  
 HG - Hectogram  
 HH - Hundred Cubic Feet  
 HI - Hundred Sheets  
 HJ - Horsepower  
 HK - Hundred Kilograms  
 HL - Hundred Feet - Linear  
 HM - Miles Per Hour  
 HN - Millimeters of Mercury  
 HO - Hundred Troy Ounces  
 HP - Millimeter H2O  
 HQ - Hectare  
 HR - Hours  
 HS - Hundred Square Feet  
 HT - Half Hour  
 HU - Hundred  
 HV - Hundred Weight (Short)  
 HW - Hundred Weight (Long)  
 HY - Hundred Yards  
 HZ - Hertz  
 IA - Inch Pound  
 IB - Inches Per Second (Vibration Velocity)  
 IC - Counts per Inch  
 IE - Person  
 IF - Inches of Water  
 IH - Inhaler  
 II - Column-Inches  
 IK - Peaks per Inch (PPI)  
 IL - Inches per Minute  
 IM - Impressions  
 IN - Inch  
 IP - Insurance Policy  
 IT - Counts per Centimeter  
 IU - Inches Per Second (Linear Speed)  
 IV - Inches Per Second Per Second (Acceleration)  
 IW - Inches Per Second Per Second (Vibration Acceleration)  
 J2 - Joule Per Kilogram  
 JA - Job  
 JB - Jumbo  
 JE - Joule Per Kelvin  
 JG - Joule per Gram  
 JK - Mega Joule per Kilogram  
 JM - Megajoule/Cubic Meter  
 JO - Joint  
 JR - Jar  
 JU - Jug  
 K1 - Kilowatt Demand  
 K2 - Kilovolt Amperes Reactive Demand  
 K3 - Kilovolt Amperes Reactive Hour  
 K4 - Kilovolt Amperes  
 K5 - Kilovolt Amperes Reactive  
 K6 - Kiloliter  
 K7 - Kilowatt  
 K9 - Kilograms per Millimeter Squared (KG/MM2)  
 KA - Cake  
 KB - Kilocharacters  
 KC - Kilograms per Cubic Meter  
 KD - Kilograms Decimal  
 KE - Keg  
 KF - Kilopackets  
 KG - Kilogram  
 KH - Kilowatt Hour  
 KI - Kilograms/Millimeter Width  
 KJ - Kilosegments  
 KK - 100 Kilograms  
 KL - Kilograms/Meter  
 KM - Kilograms per Square Meter, Kilograms, Decimal  
 KO - Millequivalence Caustic Potash per Gram of Product  
 KP - Kilometers Per Hour

## 14-03 -- Shipment-C Notice Shipment Unit or Basis for Measurement Code (CONT)

### Data Value - Definition

KQ - Kilopascal  
KR - Kiloröntgen  
KS - 1000 Pounds per Square Inch  
KT - Kit  
KU - Task  
KV - Kelvin  
KW - Kilograms per Millimeter  
KX - Milliliters per Kilogram  
L2 - Liters Per Minute  
LA - Pounds Per Cubic Inch  
LB - Pound  
LC - Linear Centimeter  
LE - Lite  
LF - Linear Foot  
LG - Long Ton  
LH - Labor Hours  
LI - Linear Inch  
LJ - Large Spray  
LK - Link  
LL - Lifetime  
LM - Linear Meter  
LN - Length  
LO - Lot  
LP - Liquid Pounds  
LQ - Liters Per Day  
LR - Layer(s)  
LS - Lump Sum  
LT - Liter  
LX - Linear Yards Per Pound  
LY - Linear Yard  
M0 - Magnetic Tapes  
M1 - Milligrams per Liter  
M2 - Millimeter-Actual  
M3 - Mat  
M4 - Monetary Value  
M5 - Microcurie  
M6 - Millibar  
M7 - Micro Inch  
M8 - Mega Pascals  
M9 - Million British Thermal Units per One Thousand Cubic Feet  
MA - Machine/Unit  
MB - Millimeter-Nominal  
MC - Microgram  
MD - Air Dry Metric Ton  
ME - Milligram  
MF - Milligram per Sq. Ft. per Side  
MG - Metric Gross Ton  
MH - Microns (Micrometers)  
MI - Metric  
MJ - Minutes  
MK - Milligrams Per Square Inch  
ML - Milliliter  
MM - Millimeter  
MN - Metric Net Ton  
MO - Months  
MP - Metric Ton  
MQ - 1000 Meters  
MR - Meter  
MS - Square Millimeter  
MT - Metric Long Ton  
MU - Millicurie  
MV - Number of Mults  
MW - Metric Ton Kilograms  
MX - Mixed  
MY - Millimeter-Average  
MZ - Millimeter-minimum  
N1 - Pen Calories  
N2 - Number of Lines  
N3 - Print Point  
N4 - Pen Grams (Protein)  
N6 - Megahertz  
N7 - Parts  
N9 - Cartridge Needle  
NA - Milligrams per Kilogram  
NB - Barge  
NC - Car  
ND - Net Barrels  
NE - Net Liters

## 14-03 -- Shipment-C Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
NF - Messages
NG - Net Gallons
NH - Message Hours
NI - Net Imperial Gallons
NJ - Number of Screens
NL - Load
NM - Nautical Mile
NN - Train
NQ - Mho
NR - Micro Mho
NS - Short Ton
NT - Trailer
NU - Newton-Meter
NV - Vehicle
NW - Newton
NX - Parts Per Thousand
NY - Pounds Per Air-Dry Metric Ton
OA - Panel
OC - Billboard
ON - Ounces per Square Yard
OP - Two pack
OT - Overtime Hours
OZ - Ounce - Av
P0 - Pages - Electronic
P1 - Percent
P2 - Pounds per Foot
P3 - Three pack
P4 - Four-pack
P5 - Five-pack
P6 - Six pack
P7 - Seven pack
P8 - Eight-pack
P9 - Nine pack
PA - Pail
PB - Pair Inches
PC - Piece
PD - Pad
PE - Pounds Equivalent
PF - Pallet (Lift)
PG - Pounds Gross
PH - Pack (PAK)
PI - Pitch
PJ - Pounds, Decimal - Pounds per Square Foot - Pound Gage
PK - Package
PL - Pallet/Unit Load
PM - Pounds-Percentage
PN - Pounds Net
PO - Pounds per Inch of Length
PP - Plate
PQ - Pages per Inch
PR - Pair
PS - Pounds per Sq. Inch
PT - Pint
PU - Mass Pounds
PV - Half Pint
PW - Pounds per Inch of Width
PX - Pint, Imperial
PY - Peck, Dry U.S.
PZ - Peck, Dry Imperial
Q1 - Quarter (Time)
Q2 - Pint U.S. Dry
Q3 - Meal
Q4 - Fifty
Q5 - Twenty-Five
Q6 - Thirty-Six
Q7 - Twenty-Four
QA - Pages - Facsimile
QB - Pages - Hardcopy
QC - Channel
QD - Quarter Dozen
QE - Photographs
QH - Quarter Hours
QK - Quarter Kilogram
QR - Quire
QS - Quart, Dry U.S.
QT - Quart
QU - Quart, Imperial
R1 - Pica

## 14-03 -- Shipment-C Notice Shipment Unit or Basis for Measurement Code (CONT)

### Data Value - Definition

R2 - Becquerel  
R3 - Revolutions Per Minute  
R4 - Calorie  
R5 - Thousands of Dollars  
R6 - Millions of Dollars  
R7 - Billions of Dollars  
R8 - Roentgen Equivalent in Man (REM)  
R9 - Thousand Cubic Meters  
RA - Rack  
RB - Radian  
RC - Rod (area) - 16.25 Square Yards  
RD - Rod (length) - 5.5 Yards  
RE - Reel  
RG - Ring  
RH - Running or Operating Hours  
RK - Roll-Metric Measure  
RL - Roll  
RM - Ream  
RN - Ream-Metric Measure  
RO - Round  
RP - Pounds per Ream  
RS - Resets  
RT - Revenue Ton Miles  
RU - Run  
S1 - Semester  
S2 - Trimester  
S3 - Square Feet per Second  
S4 - Square Meters per Second  
S5 - Sixty-fourths of an Inch  
S6 - Sessions  
S7 - Storage Units  
S8 - Standard Advertising Units (SAUs)  
S9 - Slip Sheet  
SA - Sandwich  
SB - Square Mile  
SC - Square Centimeter  
SD - Solid Pounds  
SE - Section  
SF - Square Foot  
SG - Segment  
SH - Sheet  
SI - Square Inch  
SJ - Sack  
SK - Split Tanktruck  
SL - Sleeve  
SM - Square Meter  
SN - Square Rod  
SO - Spool  
SP - Shelf Package  
SQ - Square  
SR - Strip  
SS - Sheet-Metric Measure  
ST - Set  
SV - Skid  
SW - Skein  
SX - Shipment  
SY - Square Yard  
SZ - Syringe  
T0 - Telecommunications Lines in Service  
T1 - Thousand pounds gross  
T2 - Thousandths of an Inch  
T3 - Thousand Pieces  
T4 - Thousand Bags  
T5 - Thousand Casings  
T6 - Thousand Gallons  
T7 - Thousand Impressions  
T8 - Thousand Linear Inches  
T9 - Thousand Kilowatt Hours  
TA - Tenth Cubic Foot  
TB - Tube  
TC - Truckload  
TD - Therms  
TE - Tote  
TF - Ten Square Yards  
TG - Gross Ton  
TH - Thousand  
TI - Thousand Square Inches  
TJ - Thousand Sq. Centimeters

## 14-03 -- Shipment-C Notice Shipment Unit or Basis for Measurement Code (CONT)

### Data Value - Definition

TK - Tank  
TL - Thousand Feet (Linear)  
TM - Thousand Feet (Board)  
TN - Net Ton (2,000 LB).  
TO - Troy Ounce  
TP - Ten-pack  
TQ - Thousand Feet  
TR - Ten Square Feet  
TS - Thousand Square Feet  
TT - Thousand Linear Meters  
TU - Thousand Linear Yards  
TV - Thousand Kilograms  
TW - Thousand Sheets  
TX - Troy Pound  
TY - Tray  
TZ - Thousand Cubic Feet  
U1 - Treatments  
U2 - Tablet  
U3 - Ten  
U5 - Two Hundred Fifty  
UA - Torr  
UB - Telecommunications Lines in Service - Average  
UC - Telecommunications Ports  
UD - Tenth Minutes  
UE - Tenth Hours  
UF - Usage per Telecommunications Line - Average  
UH - Ten Thousand Yards  
UL - Unitless  
UM - Million Units  
UN - Unit  
UP - Troche  
UQ - Wafer  
UR - Application  
US - Dosage Form  
UT - Inhalation  
UU - Lozenge  
UV - Percent Topical Only  
UW - Milliequivalent  
UX - Dram (Minim)  
UY - Fifty Square Feet  
UZ - Fifty Count  
V1 - Flat  
V2 - Pouch  
VA - Volt-ampere per Kilogram  
VC - Five Hundred  
VI - Vial  
VP - Percent Volume  
VR - Volt-ampere-reactive  
VS - Visit  
W2 - Wet Kilo  
WA - Watts per Kilogram  
WB - Wet Pound  
WD - Work Days  
WE - Wet Ton  
WG - Wine Gallon  
WH - Wheel  
WI - Weight per Square Inch  
WK - Week  
WM - Working Months  
WP - Pennyweight  
WR - Wrap  
WW - Milliliters of Water  
X1 - Chains (Land Survey)  
X2 - Bunch  
X3 - Clove  
X4 - Drop  
X5 - Head  
X6 - Heart  
X7 - Leaf  
X8 - Loaf  
X9 - Portion  
XP - Base Box per Pound  
Y1 - Slice  
Y2 - Tablespoon  
Y3 - Teaspoon  
Y4 - Tub  
YD - Yard  
YL - 100 Lineal Yards

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## 14-03 -- Shipment-C Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
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YR - Years
YT - Ten Yards
Z1 - Lift Van
Z2 - Chest
Z3 - Cask
Z4 - Hogshead
Z5 - Lug
Z6 - Conference Points
Z8 - Newspaper Agate Line
ZA - Bimonthly
ZB - Biweekly
ZC - Semiannual
ZP - Page

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## 35-03 -- Due-In Notice Shipment Unit or Basis for Measurement Code

Data Value - Definition
01 - Actual Pounds
02 - Statute Mile
03 - Seconds
04 - Small Spray
05 - Lifts
06 - Digits
07 - Strand
08 - Heat Lots
09 - Tire
10 - Group
11 - Outfit
12 - Packet
13 - Ration
14 - Shot
15 - Stick
16 - 115 Kilogram Drum
17 - 100 Pound Drum
18 - 55 Gallon Drum
19 - Tank Truck
1A - Car Mile
1B - Car Count
1C - Locomotive Count
1D - Caboose Count
1E - Empty Car
1F - Train Mile
1G - Fuel Usage (Gallons)
1H - Caboose Mile
1I - Fixed Rate
1J - Ton Miles
1K - Locomotive Mile
1L - Total Car Count
1M - Total Car Mile
1N - Count
1O - Season
1P - Tank Car
1Q - Frames
1R - Transactions
1X - Quarter Mile
20 - 20 Foot Container
21 - 40 Foot Container
22 - Deciliter per Gram
23 - Grams per Cubic Centimeter
24 - Theoretical Pounds
25 - Grams per Square Centimeter
26 - Actual Tons
27 - Theoretical Tons
28 - Kilograms per Square Meter
29 - Pounds per 1000 Square Feet
2A - Radians Per Second
2B - Radians Per Second Squared
2C - Roentgen
2F - Volts Per Meter
2G - Volts (Alternating Current)
2H - Volts (Direct Current)
2I - British Thermal Units (BTUs) Per Hour
2J - Cubic Centimeters Per Second
2K - Cubic Feet Per Hour
2L - Cubic Feet Per Minute
2M - Centimeters Per Second
2N - Decibels
2P - Kilobyte
2Q - Kilobecquerel
2R - Kilocurie
2U - Megagram
2V - Megagrams Per Hour
2W - Bin
2X - Meters Per Minute
2Y - Milliroentgen
2Z - Millivolts
30 - Horsepower Days per Air Dry Metric Tons
31 - Catchweight
32 - Kilograms per Air Dry Metric Tons
33 - Kilopascal Square Meters per Gram
34 - Kilopascals per Millimeter
35 - Milliliters per Square Centimeter Second
36 - Cubic Feet per Minute per Square Foot
37 - Ounces per Square Foot
38 - Ounces per Square Foot per 0.01 Inch

## 35-03 -- Due-In Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
39 - Basis Points
3B - Megajoule
3C - Manmonth
3E - Pounds Per Pound of Product
3F - Kilograms Per Liter of Product
3G - Pounds Per Piece of Product
3H - Kilograms Per Kilogram of Product
3I - Kilograms Per Piece of Product
40 - Milliliter per Second
41 - Milliliter per Minute
43 - Super Bulk Bag
44 - 500 Kilogram Bulk Bag
45 - 300 Kilogram Bulk Bag
46 - 25 Kilogram Bulk Bag
47 - 50 Pound Bag
48 - Bulk Car Load
4A - Bobbin
4B - Cap
4C - Centistokes
4D - Curie
4E - 20-Pack
4F - 100-Pack
4G - Microliter
4H - Micrometer
4I - Meters Per Second
4J - Meters Per Second Per Second
4K - Milliampere
4L - Megabyte
4M - Milligrams Per Hour
4N - Megabecquerel
4O - Microfarad
4P - Newtons Per Meter
4Q - Ounce Inch
4R - Ounce Foot
4S - Pascal
4T - Picofarad
4U - Pounds Per Hour
4V - Cubic Meter Per Hour
4W - Ton Per Hour
4X - Kiloliter Per Hour
50 - Actual Kilograms
51 - Actual Tonnes
52 - Credits
53 - Theoretical Kilograms
54 - Theoretical Tonnes
56 - Sitas
57 - Mesh
58 - Net Kilograms
59 - Parts Per Million
5A - Barrels per Minute
5B - Batch
5C - Gallons per Thousand
5E - MMSCF/Day
5F - Pounds per Thousand
5G - Pump
5H - Stage
5I - Standard Cubic Foot
5J - Hydraulic Horse Power
5K - Count per Minute
5P - Seismic Level
5Q - Seismic Line
60 - Percent Weight
61 - Parts Per Billion
62 - Percent Per 1000 Hours
63 - Failure Rate In Time
64 - Pounds Per Square Inch Gauge
65 - Coulomb
66 - Oersteds
67 - Siemens
68 - Ampere
69 - Test Specific Scale
70 - Volt
71 - Volt-Ampere Per Pound
72 - Watts Per Pound
73 - Ampere Turn Per Centimeter
74 - Milli Pascals
76 - Gauss
77 - Mil

## 35-03 -- Due-In Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
78 - Kilogauss
79 - Electron Volt
80 - Pounds Per Square Inch Absolute
81 - Henry
82 - Ohm
83 - Farad
84 - Kilo Pounds Per Square Inch (KSI)
85 - Foot Pounds
86 - Joules
87 - Pounds per Cubic Foot
89 - Poise
8C - Cord
8D - Duty
8P - Project
8R - Program
8S - Session
8U - Square Kilometer
90 - Saybold Universal Second
91 - Stokes
92 - Calories per Cubic Centimeter
93 - Calories per Gram
94 - Curl Units
95 - 20,000 Gallon Tankcar
96 - 10,000 Gallon Tankcar
97 - 10 Kilogram Drum
98 - 15 Kilogram Drum
99 - Watt
A8 - Dollars per Hours
AA - Ball
AB - Bulk Pack
AC - Acre
AD - Bytes
AE - Amperes per Meter
AF - Centigram
AG - Angstrom
AH - Additional Minutes
AI - Average Minutes Per Call
AJ - Cop
AK - Fathom
AL - Access Lines
AM - Ampoule
AN - Minutes or Messages
AO - Ampere-turn
AP - Aluminum Pounds Only
AQ - Anti-hemophilic Factor (AHF) Units
AR - Suppository
AS - Assortment
AT - Atmosphere
AU - Ocular Insert System
AV - Capsule
AW - Powder-Filled Vials
AX - Twenty
AY - Assembly
AZ - British Thermal Units (BTUs) per Pound
B0 - British Thermal Units (BTUs) per Cubic Foot
B1 - Barrels per Day
B2 - Bunks
B3 - Batting Pound
B4 - Barrel, Imperial
B5 - Billet
B6 - Bun
B7 - Cycles
B8 - Board
B9 - Batt
BA - Bale
BB - Base Box
BC - Bucket
BD - Bundle
BE - Beam
BF - Board Feet
BG - Bag
BH - Brush
BI - Bar
BJ - Band
BK - Book
BL - Block
BM - Bolt
BN - Bulk

## 35-03 -- Due-In Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
BO - Bottle
BP - 100 Board Feet
BQ - Brake horse power
BR - Barrel
BS - Basket
BT - Belt
BU - Bushel
BV - Bushel, Dry Imperial
BW - Base Weight
BX - Box
BY - British Thermal Unit (BTU)
BZ - Million BTU's
C0 - Calls
C1 - Composite Product Pounds (Total Weight)
C2 - Carset
C3 - Centiliter
C4 - Carload
C5 - Cost
C6 - Cell
C7 - Centipoise (CPS)
C8 - Cubic Decimeter
C9 - Coil Group
CA - Case
CB - Carboy
CC - Cubic Centimeter
CD - Carat
CE - Centigrade, Celsius
CF - Cubic Feet
CG - Card
CH - Container
CI - Cubic Inches
CJ - Cone
CK - Connector
CL - Cylinder
CM - Centimeter
CN - Can
CO - Cubic Meters (Net)
CP - Crate
CQ - Cartridge
CR - Cubic Meter
CS - Cassette
CT - Carton
CU - Cup
CV - Cover
CW - Hundred Pounds (CWT)
CX - Coil
CY - Cubic Yard
CZ - Combo
D2 - Shares
D3 - Square Decimeter
D5 - Kilogram Per Square Centimeter
D8 - Draize Score
D9 - Dyne per Square Centimeter
DA - Days
DB - Dry Pounds
DC - Disk (Disc)
DD - Degree
DE - Deal
DF - Dram
DG - Decigram
DH - Miles
DI - Dispenser
DJ - Decagram
DK - Kilometers
DL - Deciliter
DM - Decimeter
DN - Deci Newton-Meter
DO - Dollars, U.S.
DP - Dozen Pair
DQ - Data Records
DR - Drum
DS - Display
DT - Dry Ton
DU - Dyne
DW - Calendar Days
DX - Dynes per Centimeter
DY - Directory Books
DZ - Dozen

## 35-03 -- Due-In Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
E1 - Hectometer
E3 - Inches, Fraction--Average
E4 - Inches, Fraction--Minimum
E5 - Inches, Fraction--Actual
E7 - Inches, Decimal--Average
E8 - Inches, Decimal--Actual
E9 - English, (Feet, Inches)
EA - Each
EB - Electronic Mail Boxes
EC - Each per Month
ED - Inches, Decimal--Nominal
EE - Employees
EF - Inches, Fraction-Nominal
EG - Double-time Hours
EH - Knots
EJ - Locations
EM - Inches, Decimal-Minimum
EP - Eleven pack
EQ - Equivalent Gallons
EV - Envelope
EX - Feet, Inches and Fraction
EY - Feet, Inches and Decimal
EZ - Feet and Decimal
F1 - Thousand Cubic Feet Per Day
F2 - International Unit
F3 - Equivalent
F4 - Minim
F5 - MOL
F6 - Price Per Share
F9 - Fibers per Cubic Centimeter of Air
FA - Fahrenheit
FB - Fields
FC - 1000 Cubic Feet
FD - Million Particles per Cubic Foot
FE - Track Foot
FF - Hundred Cubic Meters
FG - Transdermal Patch
FH - Micromolar
FJ - Sizing Factor
FK - Fibers
FL - Flake Ton
FM - Million Cubic Feet
FO - Fluid Ounce
FP - Pounds per Sq. Ft.
FR - Feet Per Minute
FS - Feet Per Second
FT - Foot
FZ - Fluid Ounce (Imperial)
G2 - U.S. Gallons Per Minute
G3 - Imperial Gallons Per Minute
G4 - Gigabecquerel
G5 - Gill (Imperial)
G7 - Microfiche Sheet
GA - Gallon
GB - Gallons/Day
GC - Grams per 100 Grams
GD - Gross Barrels
GE - Pounds per Gallon
GF - Grams per 100 Centimeters
GG - Great Gross (Dozen Gross)
GH - Half Gallon
GI - Imperial Gallons
GJ - Grams per Milliliter
GK - Grams per Kilogram
GL - Grams per Liter
GM - Grams per Sq. Meter
GN - Gross Gallons
GO - Milligrams per Square Meter
GP - Milligrams per Cubic Meter
GQ - Micrograms per Cubic Meter
GR - Gram
GS - Gross
GT - Gross Kilogram
GU - Gauss per Oersteds
GV - Gigajoules
GW - Gallons Per Thousand Cubic Feet
GX - Grain
GY - Gross Yard

## 35-03 -- Due-In Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
GZ - Gage Systems
H1 - Half Pages - Electronic
H2 - Half Liter
H4 - Hectoliter
HA - Hank
HB - Hundred Boxes
HC - Hundred Count
HD - Half Dozen
HE - Hundredth of a Carat
HF - Hundred Feet
HG - Hectogram
HH - Hundred Cubic Feet
HI - Hundred Sheets
HJ - Horsepower
HK - Hundred Kilograms
HL - Hundred Feet - Linear
HM - Miles Per Hour
HN - Millimeters of Mercury
HO - Hundred Troy Ounces
HP - Millimeter H2O
HQ - Hectare
HR - Hours
HS - Hundred Square Feet
HT - Half Hour
HU - Hundred
HV - Hundred Weight (Short)
HW - Hundred Weight (Long)
HY - Hundred Yards
HZ - Hertz
IA - Inch Pound
IB - Inches Per Second (Vibration Velocity)
IC - Counts per Inch
IE - Person
IF - Inches of Water
IH - Inhaler
II - Column-Inches
IK - Peaks per Inch (PPI)
IL - Inches per Minute
IM - Impressions
IN - Inch
IP - Insurance Policy
IT - Counts per Centimeter
IU - Inches Per Second (Linear Speed)
IV - Inches Per Second Per Second (Acceleration)
IW - Inches Per Second Per Second (Vibration Acceleration)
J2 - Joule Per Kilogram
JA - Job
JB - Jumbo
JE - Joule Per Kelvin
JG - Joule per Gram
JK - Mega Joule per Kilogram
JM - Megajoule/Cubic Meter
JO - Joint
JR - Jar
JU - Jug
K1 - Kilowatt Demand
K2 - Kilovolt Amperes Reactive Demand
K3 - Kilovolt Amperes Reactive Hour
K4 - Kilovolt Amperes
K5 - Kilovolt Amperes Reactive
K6 - Kiloliter
K7 - Kilowatt
K9 - Kilograms per Millimeter Squared (KG/MM2)
KA - Cake
KB - Kilocharacters
KC - Kilograms per Cubic Meter
KD - Kilograms Decimal
KE - Keg
KF - Kilopackets
KG - Kilogram
KH - Kilowatt Hour
KI - Kilograms/Millimeter Width
KJ - Kilosegments
KK - 100 Kilograms
KL - Kilograms/Meter
KM - Kilograms per Square Meter, Kilograms, Decimal
KO - Millequivalence Caustic Potash per Gram of Product
KP - Kilometers Per Hour

## 35-03 -- Due-In Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
KQ - Kilopascal
KR - Kiloerontgen
KS - 1000 Pounds per Square Inch
KT - Kit
KU - Task
KV - Kelvin
KW - Kilograms per Millimeter
KX - Milliliters per Kilogram
L2 - Liters Per Minute
LA - Pounds Per Cubic Inch
LB - Pound
LC - Linear Centimeter
LE - Lite
LF - Linear Foot
LG - Long Ton
LH - Labor Hours
LI - Linear Inch
LJ - Large Spray
LK - Link
LL - Lifetime
LM - Linear Meter
LN - Length
LO - Lot
LP - Liquid Pounds
LQ - Liters Per Day
LR - Layer(s)
LS - Lump Sum
LT - Liter
LX - Linear Yards Per Pound
LY - Linear Yard
M0 - Magnetic Tapes
M1 - Milligrams per Liter
M2 - Millimeter-Actual
M3 - Mat
M4 - Monetary Value
M5 - Microcurie
M6 - Millibar
M7 - Micro Inch
M8 - Mega Pascals
M9 - Million British Thermal Units per One Thousand Cubic Feet
MA - Machine/Unit
MB - Millimeter-Nominal
MC - Microgram
MD - Air Dry Metric Ton
ME - Milligram
MF - Milligram per Sq. Ft. per Side
MG - Metric Gross Ton
MH - Microns (Micrometers)
MI - Metric
MJ - Minutes
MK - Milligrams Per Square Inch
ML - Milliliter
MM - Millimeter
MN - Metric Net Ton
MO - Months
MP - Metric Ton
MQ - 1000 Meters
MR - Meter
MS - Square Millimeter
MT - Metric Long Ton
MU - Millicurie
MV - Number of Mults
MW - Metric Ton Kilograms
MX - Mixed
MY - Millimeter-Average
MZ - Millimeter-minimum
N1 - Pen Calories
N2 - Number of Lines
N3 - Print Point
N4 - Pen Grams (Protein)
N6 - Megahertz
N7 - Parts
N9 - Cartridge Needle
NA - Milligrams per Kilogram
NB - Barge
NC - Car
ND - Net Barrels
NE - Net Liters

## 35-03 -- Due-In Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
NF - Messages
NG - Net Gallons
NH - Message Hours
NI - Net Imperial Gallons
NJ - Number of Screens
NL - Load
NM - Nautical Mile
NN - Train
NQ - Mho
NR - Micro Mho
NS - Short Ton
NT - Trailer
NU - Newton-Meter
NV - Vehicle
NW - Newton
NX - Parts Per Thousand
NY - Pounds Per Air-Dry Metric Ton
OA - Panel
OC - Billboard
ON - Ounces per Square Yard
OP - Two pack
OT - Overtime Hours
OZ - Ounce - Av
P0 - Pages - Electronic
P1 - Percent
P2 - Pounds per Foot
P3 - Three pack
P4 - Four-pack
P5 - Five-pack
P6 - Six pack
P7 - Seven pack
P8 - Eight-pack
P9 - Nine pack
PA - Pail
PB - Pair Inches
PC - Piece
PD - Pad
PE - Pounds Equivalent
PF - Pallet (Lift)
PG - Pounds Gross
PH - Pack (PAK)
PI - Pitch
PJ - Pounds, Decimal - Pounds per Square Foot - Pound Gage
PK - Package
PL - Pallet/Unit Load
PM - Pounds-Percentage
PN - Pounds Net
PO - Pounds per Inch of Length
PP - Plate
PQ - Pages per Inch
PR - Pair
PS - Pounds per Sq. Inch
PT - Pint
PU - Mass Pounds
PV - Half Pint
PW - Pounds per Inch of Width
PX - Pint, Imperial
PY - Peck, Dry U.S.
PZ - Peck, Dry Imperial
Q1 - Quarter (Time)
Q2 - Pint U.S. Dry
Q3 - Meal
Q4 - Fifty
Q5 - Twenty-Five
Q6 - Thirty-Six
Q7 - Twenty-Four
QA - Pages - Facsimile
QB - Pages - Hardcopy
QC - Channel
QD - Quarter Dozen
QE - Photographs
QH - Quarter Hours
QK - Quarter Kilogram
QR - Quire
QS - Quart, Dry U.S.
QT - Quart
QU - Quart, Imperial
R1 - Pica

## 35-03 -- Due-In Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
R2 - Becquerel
R3 - Revolutions Per Minute
R4 - Calorie
R5 - Thousands of Dollars
R6 - Millions of Dollars
R7 - Billions of Dollars
R8 - Roentgen Equivalent in Man (REM)
R9 - Thousand Cubic Meters
RA - Rack
RB - Radian
RC - Rod (area) - 16.25 Square Yards
RD - Rod (length) - 5.5 Yards
RE - Reel
RG - Ring
RH - Running or Operating Hours
RK - Roll-Metric Measure
RL - Roll
RM - Ream
RN - Ream-Metric Measure
RO - Round
RP - Pounds per Ream
RS - Resets
RT - Revenue Ton Miles
RU - Run
S1 - Semester
S2 - Trimester
S3 - Square Feet per Second
S4 - Square Meters per Second
S5 - Sixty-fourths of an Inch
S6 - Sessions
S7 - Storage Units
S8 - Standard Advertising Units (SAUs)
S9 - Slip Sheet
SA - Sandwich
SB - Square Mile
SC - Square Centimeter
SD - Solid Pounds
SE - Section
SF - Square Foot
SG - Segment
SH - Sheet
SI - Square Inch
SJ - Sack
SK - Split Tanktruck
SL - Sleeve
SM - Square Meter
SN - Square Rod
SO - Spool
SP - Shelf Package
SQ - Square
SR - Strip
SS - Sheet-Metric Measure
ST - Set
SV - Skid
SW - Skein
SX - Shipment
SY - Square Yard
SZ - Syringe
T0 - Telecommunications Lines in Service
T1 - Thousand pounds gross
T2 - Thousandths of an Inch
T3 - Thousand Pieces
T4 - Thousand Bags
T5 - Thousand Casings
T6 - Thousand Gallons
T7 - Thousand Impressions
T8 - Thousand Linear Inches
T9 - Thousand Kilowatt Hours
TA - Tenth Cubic Foot
TB - Tube
TC - Truckload
TD - Therms
TE - Tote
TF - Ten Square Yards
TG - Gross Ton
TH - Thousand
TI - Thousand Square Inches
TJ - Thousand Sq. Centimeters

## 35-03 -- Due-In Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
TK - Tank
TL - Thousand Feet (Linear)
TM - Thousand Feet (Board)
TN - Net Ton (2,000 LB).
TO - Troy Ounce
TP - Ten-pack
TQ - Thousand Feet
TR - Ten Square Feet
TS - Thousand Square Feet
TT - Thousand Linear Meters
TU - Thousand Linear Yards
TV - Thousand Kilograms
TW - Thousand Sheets
TX - Troy Pound
TY - Tray
TZ - Thousand Cubic Feet
U1 - Treatments
U2 - Tablet
U3 - Ten
U5 - Two Hundred Fifty
UA - Torr
UB - Telecommunications Lines in Service - Average
UC - Telecommunications Ports
UD - Tenth Minutes
UE - Tenth Hours
UF - Usage per Telecommunications Line - Average
UH - Ten Thousand Yards
UL - Unitless
UM - Million Units
UN - Unit
UP - Troche
UQ - Wafer
UR - Application
US - Dosage Form
UT - Inhalation
UU - Lozenge
UV - Percent Topical Only
UW - Milliequivalent
UX - Dram (Minim)
UY - Fifty Square Feet
UZ - Fifty Count
V1 - Flat
V2 - Pouch
VA - Volt-ampere per Kilogram
VC - Five Hundred
VI - Vial
VP - Percent Volume
VR - Volt-ampere-reactive
VS - Visit
W2 - Wet Kilo
WA - Watts per Kilogram
WB - Wet Pound
WD - Work Days
WE - Wet Ton
WG - Wine Gallon
WH - Wheel
WI - Weight per Square Inch
WK - Week
WM - Working Months
WP - Pennyweight
WR - Wrap
WW - Milliliters of Water
X1 - Chains (Land Survey)
X2 - Bunch
X3 - Clove
X4 - Drop
X5 - Head
X6 - Heart
X7 - Leaf
X8 - Loaf
X9 - Portion
XP - Base Box per Pound
Y1 - Slice
Y2 - Tablespoon
Y3 - Teaspoon
Y4 - Tub
YD - Yard
YL - 100 Lineal Yards

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## 35-03 -- Due-In Notice Shipment Unit or Basis for Measurement Code (CONT)

Data Value - Definition
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YR - Years YT - Ten Yards Z1 - Lift Van Z2 - Chest Z3 - Cask Z4 - Hogshead Z5 - Lug Z6 - Conference Points Z8 - Newspaper Agate Line ZA - Bimonthly ZB - Biweekly ZC - Semiannual ZP - Page
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## 48-04 -- Due-In Notice Transportation Mode/Method

Data Value - Definition
AF - Air Freight
AH - Air Taxi
B - Barge
BU - Bus
DA - Driveaway Service
DW - Driveaway, Truckaway, Towaway
ED - European or Pacific Distribution System
** Use 'ED' to denote Air Mobility Command (AMC) Transportation Method/Type Code.
FA - Air Freight Forwarder
IP - Intermodal (Personal Property)
J - Motor
** Use 'J' to denote Motor, Truckload.
LA - Logair
** Use 'LA' to denote Military Air.
LD - Local Delivery
LT - Less Than Trailer Load (LTL)
** Use 'LT' to denote Motor, Less than Truckload.
MP - Motor (Package Carrier)
MS - Military Sealift Command (MSC), Controlled, Contract, or Arranged Space
PL - Pipeline
R - Rail
RO - Ocean (Roll on - Roll off)
SB - Shipper Agent
SC - Shipper Agent (Truck)
SD - Shipper Association
SF - Surface Freight Forwarder
TA - Towaway Service
U - Private Parcel Service
** Use 'U' to denote Package Express.
W - Inland Waterway
WP - Water or Pipeline Intermodal Movement
X - Intermodal (Piggyback)
** Use 'X' to denote Rail Intermodal Piggyback(TOFC/COFC).