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 4

March 2017

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 4

CONTENTS

1.0 INTRODUCTION

2.0 CONTROL SEGMENTS

3.0 STANDARD IMPLEMENTATION CONVENTION

4.0 IC ELEMENT MATRIX

5.0 RESERVED

6.0 IC CODE LISTS

7.0 RESERVED

8.0 RESERVED

9.0 RESERVED

(Blank Page)

Section 1.0

INTRODUCTION

This implementation convention (IC) describes 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:

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

For the most recent publication, go to:

https://its.ustranscom.mil/cris/dteb/ic/trans_ics.cfm

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

Who Needs to Use This Document

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

Why Use a Convention

Trading partners can populate EDI transaction sets in several ways. A convention defines the rules for filling in or "populating" an EDI transaction. Following a convention ensures that trading partners will encounter fewer data quality problems during development and maintenance of EDI systems.

Contents

Additional sections are included in this document.

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

What's New In Version 4

Added in Version 4

DM Number	DM Description	Approval Date
1193	In the REF segment at index [8] change the usage note to read: “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 a Receipt Notice.”	8/21/2015
1192	In the SN1 segment at index [4] change the segment condition note to read: “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 a Receipt Notice.”	8/21/2015
1191	In the HL segment at index [3] change the loop condition note to read: “LOOP CONDITION: Use this HL loop only for a Receipt Notice (BSN01 = '42'); it may occur only once per transaction and is only used 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 a Receipt Notice.”	8/21/2015

Added in Version 3

DM Number	DM Description	Approval Date
1131	Change the DoD Recommended Attributes Size for index 66-02 (REF02) NSN/CAGE + Part Number from 1/13 to 1/30 to accomodate the CAGE + Part Number option. Add segment usage note that reads "If the CAGE+PN data is intended for use in DLMS systems or documents (e.g. DD Form 1348-1A) or in a MILS TCMD format (DI T_6), this element length is limited to 13 characters."	2/10/2014

Added in Version 2

DM Number	DM Description	Approval Date
1023	At index 77-04 (N104, Data Element 67, Carrier SCAC) change DoD Recommended Attributes from a min/max length of 4/6 to 2/4.	9/8/2011
903	After Index 66-02 add a Conditional REF segment titled “Unit Line Number (ULN)” with user note “SEGMENT CONDITION: Required for unit move cargo to identify unit line number (ULN) deployment information for unit move TCNs.” Add Mandatory REF01 (length 2/2) titled “ULN Qualifier" with borrowed code value “UL” to denote “Unit Line Number for a TPFDD Move.” Add Mandatory REF02 (length 7/7) titled “ULN” with user note “Enter the unit line number.” After the new REF segment, add another Conditional REF segment titled “Unit Identification Code (UIC)” with user note “SEGMENT CONDITION: Use to identify Unit Identification Code (UIC) deployment information for unit move TCNs.” Add Mandatory REF01 (length 2/2) titled “UIC Qualifier’ with borrowed code value “UI” to denote “Unit Identification Code.” Add Mandatory REF02 (length 6/6) titled “UIC” with user note “Enter the Unit Identification Code.”	8/10/2010

Added in Version 1

DM Number	DM Description	Approval Date
1016	In the MEA04 (C00101 - DE355) under the code value 'PN-Pounds Net' correct the usage note to read: "Use PN if explosive is dry".	5/25/2011
1015	The second and third bytes of the codes beginning with N, E, S and X have significance to the Supply Community. Current implemenation limiting values to 'NNN' and 'EEE' are too restrictive and do not allow Supply operations to take full advantage of the implementation of the Special Requirements codes.	6/10/2011

Section 2.0

CONTROL SEGMENTS

Instruction

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

https://its.ustranscom.mil/cris/dteb/ic/trans_ics.cfm

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

Commercial Trading Partners and DoD personnel that do not hold an ITS account may view the Convention at:
http://www.ustranscom.mil/cmd/associated/dteb/

(Blank Page)

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.

(Blank Page)

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:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
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:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			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		
			LOOP ID - LH1			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	
			LOOP ID - CLD			200
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	
			LOOP ID - N1			200
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	
			LOOP ID - SAC			>1
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	
			LOOP ID - LM			10
	340	LM	Code Source Information	O	1	
M	350	LQ	Industry Code	M	100	
			LOOP ID - V1			>1
	360	V1	Vessel Identification	O	1	
	370	R4	Port or Terminal	O	>1	
Not Used	380	DTM	Date/Time Reference	O	>1	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n1
M	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. 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:
Business Rules: Variable Name: STST
Notes: [1] ST SEGMENT - Receipt/Shipment-Consolidation Notice/Due-In Notice Header

Data Element Summary

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

Segment: **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 Transhippers 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. Des.	Data Element	Name	Attributes
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 ID 2/2**
M	**BSN02**	**396**	**Shipment Identification** 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 AN 2/30**
M	**BSN03**	**373**	**Date** 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 DT 8/8**
M	**BSN04**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) [2-04] Time of Transaction Creation Enter time this transaction was created in Coordinated Universal Time. Use format HHMM.	**M TM 4/8**
X	**BSN05**	**1005**	**Hierarchical Structure Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O ID 4/4**
	BSN06	**640**	**Transaction Type Code** 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	**X ID 2/2**

BSN07	**641**	**Status Reason Code** Code indicating the status reason [2-07] REPSHIP Indicator Code Code indicating the status reason. 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. Nucleur Weapon Related Material (NWRM), Arms, Ammunition, and Explosives (AA&E), etc..)	**O**	**ID 3/3**
	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 and is only used 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 a Receipt Notice.
[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. IIf 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

	Ref. Des.	Data Element	Name	Attributes	
M	**HL01**	**628**	**Hierarchical ID Number** 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**	**Hierarchical Parent ID Number** 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**	**Hierarchical Level Code** 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 Unitýs 'piece of pieces' information in a Pack Loop. The Pack Loop is subordinate to a Shipment Loop. A Pack Loop	**M**	**ID 1/2**

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
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.

9	Line Detail
	Code identifying the supporting detail associated with the charge or group [3-03] Line Detail Use '9' to denote Line Item Detail
I	Item
	[13-03] Item [34-03] Item
P	Pack
	[13-03] Pack [34-03] Pack
S	Shipment
	[13-03] Shipment [34-03] Shipment

X	**HL04**	**736**	**Hierarchical Child Code**	**O**	**ID 1/1**

Refer to 004010 Data Element Dictionary for acceptable code values.

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 a Receipt Notice.
[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. Des.	Data Element	Name	Attributes	
	SN101	**350**	**Assigned Identification** 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.	**O**	**AN 1/20**
M	**SN102**	**382**	**Number of Units Shipped** 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	**M**	**R 1/10**

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	55 Gallon Drum A cylindrical container whose volume is equal to 55 gallons [4-03] 55 Gallon Drum [14-03] 55 Gallon Drum [35-03] 55 Gallon Drum
19	Tank Truck 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 [4-03] Tank Truck [14-03] Tank Truck [35-03] Tank Truck
1A	Car Mile One freight car moving one mile [4-03] Car Mile [14-03] Car Mile [35-03] Car Mile
1B	Car Count The number of freight cars moving over a specified track [4-03] Car Count [14-03] Car Count [35-03] Car Count
1C	Locomotive Count The number of locomotives moved over a specified track [4-03] Locomotive Count [14-03] Locomotive Count [35-03] Locomotive Count
1D	Caboose Count The number of cabooses moved over a specified track [4-03] Caboose Count [14-03] Caboose Count [35-03] Caboose Count
1E	Empty Car Unloaded or empty cars moving over a specified track [4-03] Empty Car [14-03] Empty Car [35-03] Empty Car
1F	Train Mile The first locomotive in a train moving one mile [4-03] Train Mile [14-03] Train Mile [35-03] Train Mile
1G	Fuel Usage (Gallons) The number of gallons of diesel fuel used to move a train or all trains over specified trackage [4-03] Fuel Usage (Gallons) [14-03] Fuel Usage (Gallons) [35-03] Fuel Usage (Gallons)
1H	Caboose Mile One caboose moving one mile [4-03] Caboose Mile [14-03] Caboose Mile [35-03] Caboose Mile

1I	Fixed Rate Indicates a predetermined or set rate for usage of a facility [4-03] Fixed Rate [14-03] Fixed Rate [35-03] Fixed Rate
1J	Ton Miles 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 [4-03] Ton Miles [14-03] Ton Miles [35-03] Ton Miles
1K	Locomotive Mile One locomotive moving one mile [4-03] Locomotive Mile [14-03] Locomotive Mile [35-03] Locomotive Mile
1L	Total Car Count The sum of cars, locomotives, and cabooses moving over a specified track; the conversion rate for locomotives and cabooses is set by contract [4-03] Total Car Count [14-03] Total Car Count [35-03] Total Car Count
1M	Total Car Mile 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 [4-03] Total Car Mile [14-03] Total Car Mile [35-03] Total Car Mile
1N	Count [4-03] Count [14-03] Count [35-03] Count
1O	Season [4-03] Season [14-03] Season [35-03] Season
1P	Tank Car [4-03] Tank Car [14-03] Tank Car [35-03] Tank Car
1Q	Frames [4-03] Frames [14-03] Frames [35-03] Frames
1R	Transactions [4-03] Transactions [14-03] Transactions [35-03] Transactions
1X	Quarter Mile [4-03] Quarter Mile [14-03] Quarter Mile [35-03] Quarter Mile

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

2A	Radians Per Second Measure of angular velocity [4-03] Radians Per Second [14-03] Radians Per Second [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	Decibels 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 [4-03] Decibels [14-03] Decibels [35-03] Decibels
2P	Kilobyte Unit of computer storage capacity equal to 1000 bytes [4-03] Kilobyte [14-03] Kilobyte [35-03] Kilobyte
2Q	Kilobecquerel Unit of radiation [4-03] Kilobecquerel [14-03] Kilobecquerel [35-03] Kilobecquerel
2R	Kilocurie Unit of radiation [4-03] Kilocurie [14-03] Kilocurie [35-03] Kilocurie
2U	Megagram Unit of mass [4-03] Megagram [14-03] Megagram [35-03] Megagram
2V	Megagrams Per Hour [4-03] Megagrams Per Hour [14-03] Megagrams Per Hour [35-03] Megagrams Per Hour
2W	Bin Storage container used as a unit of measurement [4-03] Bin [14-03] Bin [35-03] Bin
2X	Meters Per Minute Measure of linear speed [4-03] Meters Per Minute [14-03] Meters Per Minute [35-03] Meters Per Minute
2Y	Milliroentgen Unit of radiation [4-03] Milliroentgen [14-03] Milliroentgen [35-03] Milliroentgen

2Z	Millivolts Unit of electrical potential [4-03] Millivolts [14-03] Millivolts [35-03] Millivolts
30	Horsepower Days per Air Dry Metric Tons Represents the energy requirements for processing a product [4-03] Horsepower Days per Air Dry Metric Tons [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	50 Pound Bag A flexible container whose contents weigh 50 pounds when full [4-03] 50 Pound Bag [14-03] 50 Pound Bag [35-03] 50 Pound Bag
48	Bulk Car Load A fully loaded rail car containing dry bulk loose materials [4-03] Bulk Car Load [14-03] Bulk Car Load [35-03] Bulk Car Load
4A	Bobbin A cylinder or spindle on which yarn or thread is wound [4-03] Bobbin [14-03] Bobbin [35-03] Bobbin
4B	Cap 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 [4-03] Cap [14-03] Cap [35-03] Cap
4C	Centistokes 1 * 10/-6 square meters/second [4-03] Centistokes [14-03] Centistokes [35-03] Centistokes
4D	Curie A unit of radioactivity equal to 3.7 * 10/10 disintegrations per second [4-03] Curie [14-03] Curie [35-03] Curie
4E	20-Pack Pack containing 20 units [4-03] 20-Pack [14-03] 20-Pack [35-03] 20-Pack

4F	100-Pack Pack containing 100 units [4-03] 100-Pack [14-03] 100-Pack [35-03] 100-Pack
4G	Microliter 1/1,000,000 liter [4-03] Microliter [14-03] Microliter [35-03] Microliter
4H	Micrometer 1/1,000,000 meter [4-03] Micrometer [14-03] Micrometer [35-03] Micrometer
4I	Meters Per Second Measure of linear speed [4-03] Meters Per Second [14-03] Meters Per Second [35-03] Meters Per Second
4J	Meters Per Second Per Second Measure of acceleration [4-03] Meters Per Second Per Second [14-03] Meters Per Second Per Second [35-03] Meters Per Second Per Second
4K	Milliamperes Unit of electrical current [4-03] Milliamperes [14-03] Milliamperes [35-03] Milliamperes
4L	Megabyte Unit of computer storage capacity [4-03] Megabyte [14-03] Megabyte [35-03] Megabyte
4M	Milligrams Per Hour Unit of flow [4-03] Milligrams Per Hour [14-03] Milligrams Per Hour [35-03] Milligrams Per Hour
4N	Megabecquerel Unit of radiation [4-03] Megabecquerel [14-03] Megabecquerel [35-03] Megabecquerel
4O	Microfarad Unit of electrical capacitance [4-03] Microfarad [14-03] Microfarad [35-03] Microfarad
4P	Newtons Per Meter Unit of measure for surface tension [4-03] Newtons Per Meter [14-03] Newtons Per Meter [35-03] Newtons Per Meter

4Q	Ounce Inch Unit of torque [4-03] Ounce Inch [14-03] Ounce Inch [35-03] Ounce Inch
4R	Ounce Foot Unit of torque [4-03] Ounce Foot [14-03] Ounce Foot [35-03] Ounce Foot
4S	Pascal Unit of pressure [4-03] Pascal [14-03] Pascal [35-03] Pascal
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	Centigram A unit of metric weight equal to 0.01 gram or 0.000035 ounce [4-03] Centigram [14-03] Centigram [35-03] Centigram
AG	Angstrom [4-03] Angstrom [14-03] Angstrom [35-03] Angstrom
AH	Additional Minutes The minutes, usually associated with usage-sensitive pricing of telecommunication services, which are above the minutes allowed for that particular service [4-03] Additional Minutes [14-03] Additional Minutes [35-03] Additional Minutes
AI	Average Minutes Per Call 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 [4-03] Average Minutes Per Call [14-03] Average Minutes Per Call [35-03] Average Minutes Per Call

AJ	Cop A cylindrical or conical mass of thread, yarn, or cable on a quill or a tube [4-03] Cop [14-03] Cop [35-03] Cop
AK	Fathom A unit of length equal to 6.0 feet or 1.829 meters [4-03] Fathom [14-03] Fathom [35-03] Fathom
AL	Access Lines Number of lines subject to Carrier Access Line Charges [4-03] Access Lines [14-03] Access Lines [35-03] Access Lines
AM	Ampoule [4-03] Ampoule [14-03] Ampoule [35-03] Ampoule
AN	Minutes or Messages 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 [4-03] Minutes or Messages [14-03] Minutes or Messages [35-03] Minutes or Messages
AO	Ampere-turn [4-03] Ampere-turn [14-03] Ampere-turn [35-03] Ampere-turn
AP	Aluminum Pounds Only [4-03] Aluminum Pounds Only [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 formix 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
B0	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 then 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 [14-03] Combo [35-03] Combo
D2	Shares
	[4-03] Shares [14-03] Shares [35-03] Shares

D3	Square Decimeter Metric unit of area [4-03] Square Decimeter [14-03] Square Decimeter [35-03] Square Decimeter
D5	Kilogram Per Square Centimeter Unit of pressure [4-03] Kilogram Per Square Centimeter [14-03] Kilogram Per Square Centimeter [35-03] Kilogram Per Square Centimeter
D8	Draize Score [4-03] Draize Score [14-03] Draize Score [35-03] Draize Score
D9	Dyne per Square Centimeter [4-03] Dyne per Square Centimeter [14-03] Dyne per Square Centimeter [35-03] Dyne per Square Centimeter
DA	Days [4-03] Days [14-03] Days [35-03] Days
DB	Dry Pounds [4-03] Dry Pounds [14-03] Dry Pounds [35-03] Dry Pounds
DC	Disk (Disc) [4-03] Disk (Disc) [14-03] Disk (Disc) [35-03] Disk (Disc)
DD	Degree [4-03] Degree [14-03] Degree [35-03] Degree
DE	Deal [4-03] Deal [14-03] Deal [35-03] Deal
DF	Dram [4-03] Dram [14-03] Dram [35-03] Dram
DG	Decigram [4-03] Decigram [14-03] Decigram [35-03] Decigram
DH	Miles [4-03] Miles [14-03] Miles [35-03] Miles
DI	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 [35-03] Each per Month
ED	Inches, Decimal--Nominal
	[4-03] Inches, Decimal--Nominal [14-03] Inches, Decimal--Nominal [35-03] Inches, Decimal--Nominal
EE	Employees
	[4-03] Employees [14-03] Employees [35-03] Employees
EF	Inches, Fraction-Nominal
	[4-03] Inches, Fraction-Nominal [14-03] Inches, Fraction-Nominal [35-03] Inches, Fraction-Nominal
EG	Double-time Hours
	[4-03] Double-time Hours [14-03] Double-time Hours [35-03] Double-time Hours
EH	Knots
	[4-03] Knots [14-03] Knots [35-03] Knots
EJ	Locations
	[4-03] Locations [14-03] Locations [35-03] Locations
EM	Inches, Decimal-Minimum
	[4-03] Inches, Decimal-Minimum [14-03] Inches, Decimal-Minimum [35-03] Inches, Decimal-Minimum
EP	Eleven pack
	[4-03] Eleven pack [14-03] Eleven pack [35-03] Eleven pack
EQ	Equivalent Gallons
	Represents number of gallons that syrup and concentrate make of product
	[4-03] Equivalent Gallons [14-03] Equivalent Gallons [35-03] Equivalent Gallons
EV	Envelope
	[4-03] Envelope [14-03] Envelope [35-03] Envelope
EX	Feet, Inches and Fraction
	[4-03] Feet, Inches and Fraction [14-03] Feet, Inches and Fraction [35-03] Feet, Inches and Fraction

EY	Feet, Inches and Decimal
	[4-03] Feet, Inches and Decimal [14-03] Feet, Inches and Decimal [35-03] Feet, Inches and Decimal
EZ	Feet and Decimal
	[4-03] Feet and Decimal [14-03] Feet and Decimal [35-03] Feet and Decimal
F1	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 H20
	Unit of pressure
	[4-03] Millimeter H20 [14-03] Millimeter H20 [35-03] Millimeter H20
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 [35-03] Air Dry Metric Ton
ME	Milligram
	[4-03] Milligram [14-03] Milligram [35-03] Milligram
MF	Milligram per Sq. Ft. per Side
	[4-03] Milligram per Sq. Ft. per Side [14-03] Milligram per Sq. Ft. per Side [35-03] Milligram per Sq. Ft. per Side
MG	Metric Gross Ton
	[4-03] Metric Gross Ton [14-03] Metric Gross Ton [35-03] Metric Gross Ton
MH	Microns (Micrometers)
	1/1,000,000 meter
	[4-03] Microns (Micrometers) [14-03] Microns (Micrometers) [35-03] Microns (Micrometers)
MI	Metric
	[4-03] Metric [14-03] Metric [35-03] Metric
MJ	Minutes
	[4-03] Minutes [14-03] Minutes [35-03] Minutes
MK	Milligrams Per Square Inch
	[4-03] Milligrams Per Square Inch [14-03] Milligrams Per Square Inch [35-03] Milligrams Per Square Inch

ML	Milliliter
	[4-03] Milliliter [14-03] Milliliter [35-03] Milliliter
MM	Millimeter
	[4-03] Millimeter [14-03] Millimeter [35-03] Millimeter
MN	Metric Net Ton
	[4-03] Metric Net Ton [14-03] Metric Net Ton [35-03] Metric Net Ton
MO	Months
	[4-03] Months [14-03] Months [35-03] Months
MP	Metric Ton
	[4-03] Metric Ton [14-03] Metric Ton [35-03] Metric Ton
MQ	1000 Meters
	[4-03] 1000 Meters [14-03] 1000 Meters [35-03] 1000 Meters
MR	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 [35-03] Seven pack
P8	Eight-pack
	[4-03] Eight-pack [14-03] Eight-pack [35-03] Eight-pack
P9	Nine pack
	[4-03] Nine pack [14-03] Nine pack [35-03] Nine pack
PA	Pail
	[4-03] Pail [14-03] Pail [35-03] Pail
PB	Pair Inches
	[4-03] Pair Inches [14-03] Pair Inches [35-03] Pair Inches

PC	Piece
	[4-03] Piece [14-03] Piece [35-03] Piece
PD	Pad
	[4-03] Pad [14-03] Pad [35-03] Pad
PE	Pounds Equivalent
	[4-03] Pounds Equivalent [14-03] Pounds Equivalent [35-03] Pounds Equivalent
PF	Pallet (Lift)
	[4-03] Pallet (Lift) [14-03] Pallet (Lift) [35-03] Pallet (Lift)
PG	Pounds Gross
	[4-03] Pounds Gross [14-03] Pounds Gross [35-03] Pounds Gross
PH	Pack (PAK)
	[4-03] Pack (PAK) [14-03] Pack (PAK) [35-03] Pack (PAK)
PI	Pitch
	[4-03] Pitch [14-03] Pitch [35-03] Pitch
PJ	Pounds, Decimal - Pounds per Square Foot - Pound Gage
	[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
PK	Package
	[4-03] Package [14-03] Package [35-03] Package
PL	Pallet/Unit Load
	[4-03] Pallet/Unit Load [14-03] Pallet/Unit Load [35-03] Pallet/Unit Load
PM	Pounds-Percentage
	[4-03] Pounds-Percentage [14-03] Pounds-Percentage [35-03] Pounds-Percentage
PN	Pounds Net
	[4-03] Pounds Net [14-03] Pounds Net [35-03] Pounds Net
PO	Pounds per Inch of Length
	[4-03] Pounds per Inch of Length [14-03] Pounds per Inch of Length [35-03] Pounds per Inch of Length

PP	Plate
	[4-03] Plate [14-03] Plate [35-03] Plate
PQ	Pages per Inch
	[4-03] Pages per Inch [14-03] Pages per Inch [35-03] Pages per Inch
PR	Pair
	[4-03] Pair [14-03] Pair [35-03] Pair
PS	Pounds per Sq. Inch
	[4-03] Pounds per Sq. Inch [14-03] Pounds per Sq. Inch [35-03] Pounds per Sq. Inch
PT	Pint
	[4-03] Pint [14-03] Pint [35-03] Pint
PU	Mass Pounds
	[4-03] Mass Pounds [14-03] Mass Pounds [35-03] Mass Pounds
PV	Half Pint
	[4-03] Half Pint [14-03] Half Pint [35-03] Half Pint
PW	Pounds per Inch of Width
	[4-03] Pounds per Inch of Width [14-03] Pounds per Inch of Width [35-03] Pounds per Inch of Width
PX	Pint, Imperial
	[4-03] Pint, Imperial [14-03] Pint, Imperial [35-03] Pint, Imperial
PY	Peck, Dry U.S.
	[4-03] Peck, Dry U.S. [14-03] Peck, Dry U.S. [35-03] Peck, Dry U.S.
PZ	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 * 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 [35-03] Ream
RN	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 [35-03] Five Hundred
VI	Vial
	[4-03] Vial [14-03] Vial [35-03] Vial
VP	Percent Volume
	[4-03] Percent Volume [14-03] Percent Volume [35-03] Percent Volume
VR	Volt-ampere-reactive
	[4-03] Volt-ampere-reactive [14-03] Volt-ampere-reactive [35-03] Volt-ampere-reactive
VS	Visit
	A quantitative measure of the number of visits to a provider by the patient
	[4-03] Visit [14-03] Visit [35-03] Visit
W2	Wet Kilo
	Weight of product plus liquid solution
	[4-03] Wet Kilo [14-03] Wet Kilo [35-03] Wet Kilo
WA	Watts per Kilogram
	[4-03] Watts per Kilogram [14-03] Watts per Kilogram [35-03] Watts per Kilogram
WB	Wet Pound
	[4-03] Wet Pound [14-03] Wet Pound [35-03] Wet Pound
WD	Work Days
	[4-03] Work Days [14-03] Work Days [35-03] Work Days
WE	Wet Ton
	[4-03] Wet Ton [14-03] Wet Ton [35-03] Wet Ton
WG	Wine Gallon
	[4-03] Wine Gallon [14-03] Wine Gallon [35-03] Wine Gallon

WH	Wheel
	[4-03] Wheel [14-03] Wheel [35-03] Wheel
WI	Weight per Square Inch
	[4-03] Weight per Square Inch [14-03] Weight per Square Inch [35-03] Weight per Square Inch
WK	Week
	[4-03] Week [14-03] Week [35-03] Week
WM	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 [35-03] Cask
Z4	Hogshead
	[4-03] Hogshead [14-03] Hogshead [35-03] Hogshead
Z5	Lug
	[4-03] Lug [14-03] Lug [35-03] Lug
Z6	Conference Points
	A participant on a conference call
	[4-03] Conference Points [14-03] Conference Points [35-03] Conference Points
Z8	Newspaper Agate Line
	[4-03] Newspaper Agate Line [14-03] Newspaper Agate Line [35-03] Newspaper Agate Line
ZA	Bimonthly
	[4-03] Bimonthly [14-03] Bimonthly [35-03] Bimonthly
ZB	Biweekly
	[4-03] Biweekly [14-03] Biweekly [35-03] Biweekly
ZC	Semiannual
	[4-03] Semiannual [14-03] Semiannual [35-03] Semiannual

			ZP	Page [4-03] Page [14-03] Page [35-03] Page	
X	**SN104**	**646**	**Quantity Shipped to Date**	**O**	**R 1/15**
X	**SN105**	**330**	**Quantity Ordered**	**X**	**R 1/15**
X	**SN106**	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**SN107**	**728**	**Returnable Container Load Make-Up Code**	**O**	**ID 1/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**SN108**	**668**	**Line Item Status Code**	**O**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		

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

	Ref. Des.	Data Element	Name	Attributes	
M	**PRF01**	**324**	**Purchase Order Number**	**M**	**AN 1/22**
			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.		
	PRF02	**328**	**Release Number**	**O**	**AN 1/30**
			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.		
X	**PRF03**	**327**	**Change Order Sequence Number**	**O**	**AN 1/8**
X	**PRF04**	**373**	**Date**	**O**	**DT 8/8**
>>	**PRF05**	**350**	**Assigned Identification**	**O**	**AN 1/20**
			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.		
X	**PRF06**	**367**	**Contract Number**	**O**	**AN 1/30**
X	**PRF07**	**92**	**Purchase Order Type Code**	**O**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment: **PID** **Product/Item Description**
Position: 070
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 200
Purpose: To describe a product or process in coded or free-form format
Syntax Notes:
1 If PID04 is present, then PID03 is required.
2 At least one of PID04 or PID05 is required.
3 If PID07 is present, then PID03 is required.
4 If PID08 is present, then PID04 is required.
5 If PID09 is present, then PID05 is required.
Semantic Notes:
1 Use PID03 to indicate the organization that publishes the code list being referred to.
2 PID04 should be used for industry-specific product description codes.
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.
4 PID09 is used to identify the language being used in PID05.
Comments:
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.
2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:
[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.
[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 explosivrs or hazardous material (HAZMAT).
[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.
[41] PID SEGMENT - Due-In Notice Air Force MICAP Indicator
SEGMENT CONDITION: For Air Force use only.
[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).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**PID01**	**349**	**Item Description Type** 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	**M ID 1/1**
			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)	
>>	**PID02**	**750**	**Product/Process Characteristic Code**	**O**	**ID 2/3**
			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 Code identifying the general class of a product or process characteristic. [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	**PID03**	**559**	**Agency Qualifier Code**	**X**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**PID04**	**751**	**Product Description Code**	**X**	**AN 1/12**
>>	**PID05**	**352**	**Description**	**X**	**AN 1/80**
			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 A free-form description to clarify the related data elements and their content. [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	
X	**PID06**	**752**	**Surface/Layer/Position Code**	**O**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**PID07**	**822**	**Source Subqualifier**	**O**	**AN 1/15**

X	**PID08**	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**PID09**	**819**	**Language Code**	**O**	**ID 2/3**

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. Des.	Data Element	Name	Attributes	
>>	**MEA01**	**737**	**Measurement Reference ID Code** 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	**O**	**ID 2/2**
X	**MEA02**	**738**	**Measurement Qualifier** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/3**
>>	**MEA03**	**739**	**Measurement Value** 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.	**X**	**R 1/20**

>>	**MEA04**	**C001**	**Composite Unit of Measure**	**X**	
			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.		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken [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		
	C00102	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		
	C00103	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
	C00104	**355**	**Unit or Basis for Measurement Code**	**O**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
	C00105	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		
	C00106	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
	C00107	**355**	**Unit or Basis for Measurement Code**	**O**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
	C00108	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		
	C00109	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
	C00110	**355**	**Unit or Basis for Measurement Code**	**O**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
	C00111	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		
	C00112	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
	C00113	**355**	**Unit or Basis for Measurement Code**	**O**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
	C00114	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		
	C00115	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
X	**MEA05**	**740**	**Range Minimum**	**X**	**R 1/20**

X	**MEA06**	**741**	**Range Maximum**	**X**	**R 1/20**
X	**MEA07**	**935**	**Measurement Significance Code**	**O**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**MEA08**	**936**	**Measurement Attribute Code**	**X**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**MEA09**	**752**	**Surface/Layer/Position Code**	**O**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**MEA10**	**1373**	**Measurement Method or Device**	**O**	**ID 2/4**
			Refer to 004010 Data Element Dictionary for acceptable code values.		

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. Des.	Data Element	Name	Attributes
>>	**TD101**	**103**	**Packaging Code** 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	**O AN 3/5**
>>	**TD102**	**80**	**Lading Quantity** 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.	**X N0 1/7**

	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)		
	TD104	**22**	**Commodity Code**	**X**	**AN 1/30**
			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	**TD105**	**79**	**Lading Description**	**O**	**AN 1/50**
X	**TD106**	**187**	**Weight Qualifier**	**O**	**ID 1/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**TD107**	**81**	**Weight**	**X**	**R 1/10**
X	**TD108**	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**TD109**	**183**	**Volume**	**X**	**R 1/8**
X	**TD110**	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			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. Des.	Data Element	Name	Attributes	
X	**TD501**	**133**	**Routing Sequence Code**	**O**	**ID 1/2**
			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**	**Routing**	**X**	**AN 1/35**
X	**TD506**	**368**	**Shipment/Order Status Code**	**X**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**TD507**	**309**	**Location Qualifier**	**O**	**ID 1/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**TD508**	**310**	**Location Identifier**	**X**	**AN 1/30**
X	**TD509**	**731**	**Transit Direction Code**	**O**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**TD510**	**732**	**Transit Time Direction Qualifier**	**O**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**TD511**	**733**	**Transit Time**	**X**	**R 1/4**
X	**TD512**	**284**	**Service Level Code**	**X**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		

X	**TD513**	**284**	**Service Level Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
X	**TD514**	**284**	**Service Level Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**TD515**	**26**	**Country Code**	**O**	**ID 2/3**

Segment: **REF** **Reference Identification**
Position: 150
Loop: HL Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes:

[5] REF SEGMENT - Receipt Notice Transportation Control Number (TCN)
SEGMENT CONDITION: Only one TCN shall be identified in a Receipt Notice transaction.
[6] REF SEGMENT - Receipt Notice Transportation Tracking Number (TTN)
SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number is applicable.
[7] REF SEGMENT - Transportation Tracking Account Number (TTAN)
[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.

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 a Receipt Notice.

Only one Document Number shall be identified in a Receipt Notice transaction.
[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
[17] REF SEGMENT - Shipment C-Notice Transportation Tracking Number (TTN)
SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number is applicable.
[18] REF SEGMENT - Transportation Tracking Account Number (TTAN)
[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').
[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').
[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.
[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').
[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

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-collocated 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 in formation 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 MSLýs 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. Des.	Data Element	Name	Attributes	
M	**REF01**	**128**	**Reference Identification Qualifier** 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).	**M**	**ID 2/3**

[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)
2I	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

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

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

[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. If the CAGE+PN data is intended for use in DLMS systems or documents (e.g. DD Form 1348-1A) or in a MILS TCMD format (DI T_6), this element length is limited to 13 characters. [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** A free-form description to clarify the related data elements and their content	**X**	**AN 1/80**
			[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**	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	**O**	
X	**C04001**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	**M**	**ID 2/3**
X	**C04002**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**M**	**AN 1/30**
X	**C04003**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/3**
X	**C04004**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**

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

Segment: **MAN** **Marks and Numbers**
Position: 190
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate identifying marks and numbers for shipping containers
Syntax Notes:
1 If either MAN04 or MAN05 is present, then the other is required.
2 If MAN06 is present, then MAN05 is required.
Semantic Notes:
1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
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.
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.
Comments:
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.
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.
Notes:
[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.
[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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
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 Qualifer [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 literial 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**
X	**MAN04**	**88**	**Marks and Numbers Qualifier**	**X**	**ID 1/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**MAN05**	**87**	**Marks and Numbers**	**X**	**AN 1/48**
X	**MAN06**	**87**	**Marks and Numbers**	**O**	**AN 1/48**

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

	Ref. Des.	Data Element	Name	Attributes
M	**DTM01**	**374**	**Date/Time Qualifier** 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	**M ID 3/3**
			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** 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)).	**X**	**DT 8/8**
	DTM03	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) [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.	**X**	**TM 4/8**
	DTM04	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow [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.	**O**	**ID 2/2**

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
	[9-04] Equivalent to ISO P01
02	Equivalent to ISO P02
	[9-04] Equivalent to ISO P02
03	Equivalent to ISO P03
	[9-04] Equivalent to ISO P03
04	Equivalent to ISO P04
	[9-04] Equivalent to ISO P04
05	Equivalent to ISO P05
	[9-04] Equivalent to ISO P05
06	Equivalent to ISO P06
	[9-04] Equivalent to ISO P06
07	Equivalent to ISO P07
	[9-04] Equivalent to ISO P07
08	Equivalent to ISO P08
	[9-04] Equivalent to ISO P08
09	Equivalent to ISO P09
	[9-04] Equivalent to ISO P09
10	Equivalent to ISO P10
	[9-04] Equivalent to ISO P10
11	Equivalent to ISO P11
	[9-04] Equivalent to ISO P11
12	Equivalent to ISO P12
	[9-04] Equivalent to ISO P12
13	Equivalent to ISO M12
	[9-04] Equivalent to ISO M12
14	Equivalent to ISO M11
	[9-04] Equivalent to ISO M11
15	Equivalent to ISO M10
	[9-04] Equivalent to ISO M10
16	Equivalent to ISO M09
	[9-04] Equivalent to ISO M09
17	Equivalent to ISO M08
	[9-04] Equivalent to ISO M08
18	Equivalent to ISO M07
	[9-04] Equivalent to ISO M07
19	Equivalent to ISO M06
	[9-04] Equivalent to ISO M06
20	Equivalent to ISO M05
	[9-04] Equivalent to ISO M05
21	Equivalent to ISO M04
	[9-04] Equivalent to ISO M04
22	Equivalent to ISO M03
	[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		
X	**DTM05**	**1250**	**Date Time Period Format Qualifier**		**X**	**ID 2/3**
			Refer to 004010 Data Element Dictionary for acceptable code values.			
X	**DTM06**	**1251**	**Date Time Period**		**X**	**AN 1/35**

Segment: **N1** **Name**
Position: 220
Loop: N1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments:
1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes:
[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.
[11] N1 SEGMENT - Receipt Notice Consignee DoDAAC
LOOP CONDITION: Use this segment to record the consignee DoDAAC, if applicable.
[12] N1 SEGMENT - Receipt Notice Consolidation Location Indicator
Contains the DoDAAC of the location receiving the shipment for consolidation and onward movement.
[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).
[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.
[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.
[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').
[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).
[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 Transshipperýs Consolidation and Containerization Point (CCP) code (DTR Part II, Appendix PP).
[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.
[81] N1 SEGMENT - Due-In Notice Consignee DoDAAC
LOOP CONDITION: Use this segment in the Shipment loop (HL03 = 'S').
[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 = '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.
[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

	Ref. Des.	Data Element	Name	Attributes
M	**N101**	**98**	**Entity Identifier Code**	**M ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual [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	

			41	Submitter Entity transmitting transaction set [85-01] Submitter Use '41' to denote Original Sender		
			CA	Carrier [79-01] Carrier		
			CI	Consignor [87-01] Consignor		
			CN	Consignee [11-01] Consignee [27-01] Consignee [81-01] Consignee Use 'CN' to denote Ultimate Consignee		
			SH	Shipper [76-01] Shipper		
			ST	Ship To [86-01] Ship To		
			X2	Party to Perform Packaging A party responsible for packaging an item after it has been produced [12-01] Party to Perform Packaging [29-01] Party to Perform Packaging [83-01] Party to Perform Packaging		
			Z4	Owning Inventory Control Point An inventory control organization responsible for management of a particular item [10-01] Owning Inventory Control Point [28-01] Owning Inventory Control Point Use 'Z4' to denote ICP [82-01] Owning Inventory Control Point Use 'Z4' to denote ICP		
			ZZ	Mutually Defined [26-01] Mutually Defined Use 'ZZ' to denote Consolidation Point [78-01] Mutually Defined Use 'ZZ' to denote Consolidation Point		
>>	**N102**	**93**	**Name** Free-form name [12-02] Receipt Notice Consolidation Location Type [29-02] Shipment-C Notice Consolidation Location Type [79-02] Carrier Name [81-02] Consignee Name ELEMENT CONDITION: Provide if available. [83-02] Due-In Notice Consolidation Location Type		**X**	**AN 1/60**
			CP	New Code Added by IC [29-02] CCP Location		
			HB	New Code Added by IC [29-02] Hub Location (e.g., regional/unit distribution center)		
			ZZ	New Code Added by IC [29-02] Other than a CCP or Hub		

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

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

[10-03] Receipt Notice RIC Qualifier
[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)		
>>	**N104**	**67**	**Identification Code** Code identifying a party or other code		**X**	**AN 2/80**
			[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	**N105**	**706**	**Entity Relationship Code** Refer to 004010 Data Element Dictionary for acceptable code values.		**O**	**ID 2/2**
X	**N106**	**98**	**Entity Identifier Code** Refer to 004010 Data Element Dictionary for acceptable code values.		**O**	**ID 2/3**

Segment: **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

	Ref. Des.	Data Element	Name		Attributes	
M	**PER01**	**366**	**Contact Function Code**		**M**	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named			
			[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		
>>	**PER02**	**93**	**Name**		**O**	**AN 1/60**
			Free-form name			
			[77-02] Shipper Emergency Contact Name			
>>	**PER03**	**365**	**Communication Number Qualifier**		**X**	**ID 2/2**
			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		
>>	**PER04**	**364**	**Communication Number**		**X**	**AN 1/80**
			Complete communications number including country or area code when applicable			
			[77-04] Shipper E-mail Address [80-04] Carrier E-mail Address			
>>	**PER05**	**365**	**Communication Number Qualifier**		**X**	**ID 2/2**
			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		

>>	**PER06**	**364**	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable [77-06] Shipper Phone Number [80-06] Carrier Phone Number		
X	**PER07**	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**PER08**	**364**	**Communication Number**	**X**	**AN 1/80**
X	**PER09**	**443**	**Contact Inquiry Reference**	**O**	**AN 1/20**

Segment: **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

	Ref. Des.	Data Element	Name		Attributes	
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**		**O**	**AN 1/15**

Segment: **LQ** **Industry Code**
Position: 350
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: **1** If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: [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').
[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').
[89] LQ SEGMENT - Due-In Notice Type Pack Code
SEGMENT CONDITION: This segment is MANDATORY for all shipment loops (HL03='S').
[90] LQ SEGMENT - Due-In Notice Air Dimension Code
SEGMENT CONDITION: Required when Air Dimension Code applies. Pass in the HL03='S' loop.
[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.
[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.
[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.
[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.
[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.
[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.
[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.
[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').

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**LQ01**	**1270**	**Code List Qualifier Code** 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 dentoe 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 CIIC 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.)	**O ID 1/3**
			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	

			36	Air Terminal Identifier Code Identifies the name and location of air terminals worldwide [31-01] Air Terminal Identifier Code [33-01] Air Terminal Identifier Code [98-01] Air Terminal Identifier Code	
			37	Water Terminal Identifier Code Identifies water ports worldwide [31-01] Water Terminal Identifier Code [33-01] Water Terminal Identifier Code [98-01] Water Terminal Identifier Code	
			40	Type Pack Code The type of packaging, a conex container, who loaded it, and to what capacity [89-01] Type Pack Code	
			44	Seavan Ownership Code The owner of a seavan [94-01] Seavan Ownership Code Use '44' to denote Owner Code	
			78	Project Code Codes that relate a transaction to special programs, exercises, projects, operations, or other purposes [95-01] Project Code	
			83	Supply Condition Code Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable [96-01] Supply Condition Code Use '83' to denote Due-In Notice Supply Condition Code	
			A9	Supplemental Data Identifies the originating organization's unique logistics information [93-01] Supplemental Data Use 'A9' to denote Air Special Handling Code	
			CK	Coupon Adjustment Reason Code [94-01] Coupon Adjustment Reason Code Use 'CK' to denote Container Check Digit	
			EQ	Controlled Inventory Item Code Categorizes pilferable items [97-01] Controlled Inventory Item Code	
			NT	Type of Cargo Code [91-01] Type of Cargo Code Use 'NT' to denote Water Type Cargo	
			ZZ	Mutually Defined [93-01] Mutually Defined Use 'ZZ' to denote Water Special Handling Code	
>>	**LQ02**	**1271**	**Industry Code**		**X AN 1/30**
			Code indicating a code from a specific industry code list [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
[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
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

	Ref. Des.	Data Element	Name	Attributes	
>>	**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**	**X**	**AN 2/28**
X	**V103**	**26**	**Country Code**	**O**	**ID 2/3**
X	**V104**	**55**	**Flight/Voyage Number**	**O**	**AN 2/10**
X	**V105**	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**
X	**V106**	**249**	**Vessel Requirement Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**V107**	**854**	**Vessel Type Code** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
X	**V108**	**897**	**Vessel Code Qualifier** Refer to 004010 Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
X	**V109**	**91**	**Transportation Method/Type Code** 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. Des.	Data Element	Name	Attributes	
M	**R401**	**115**	**Port or Terminal Function Code** 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	**M**	**ID 1/1**
>>	**R402**	**309**	**Location Qualifier** 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	**X**	**ID 1/2**
	R403	**310**	**Location Identifier** Code which identifies a specific location [100-03] Due-In Notice Port Code Enter the Military Port Code.	**X**	**AN 1/30**
X	**R404**	**114**	**Port Name**	**O**	**AN 2/24**
X	**R405**	**26**	**Country Code**	**O**	**ID 2/3**
X	**R406**	**174**	**Terminal Name**	**O**	**AN 2/30**
X	**R407**	**113**	**Pier Number**	**O**	**AN 1/4**
X	**R408**	**156**	**State or Province Code**	**O**	**ID 2/2**

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

	Ref. Des.	Data Element	Name	Attributes
M	**SE01**	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments [101-01] Number of Included Segments Total segments in this transaction set including the ST and SE segments.	**M N0 1/10**
M	**SE02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set [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**

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 decribed 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		**ST SEGMENT - Receipt/Shipment-Consolidation Notice/Due-In Notice Header**	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
							The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).										
1-02		Transaction Set Control Number The application and structure of the control number must be agreed upon between trading partners. (For example, some applications use all nine digits where the first five might indicate a group control number and the last four represent the sequence of the transaction set within the functional group. Also, the entire nine digit field may simply represent the sequence of the transaction set generated by a trading partner.)	M	AN	4/9	1	010	M	1				ST02	329	M	AN	4/9
2		**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 Transhippers 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								
							If BSN07 is present, then BSN06 is required.										

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
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 *Use '14' to denote Due-In Notice..* 42 - Temporary Record *Use '42' to denote Receipt Notice..* ZZ - Mutually Defined *Use 'ZZ' to denote Shipment-C Notice..*	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 BSN03 is the date the shipment transaction set is created.	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 BSN04 is the time the shipment transaction set is created.	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 BSN06 is limited to shipment related codes. BSN06 and BSN07 differentiate the functionality of use for the transaction set.	M	1				BSN06	640	C	ID	2/2

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
2-07		REPSHIP Indicator Code Code indicating the status reason. 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. Nucleur Weapon Related Material (NWRM), Arms, Ammunition, and Explosives (AA&E), etc..) D61 - Special Permission *Use 'D61' to denote REPSHIP Indication..*	C	ID	3/3	1	020	M	1				BSN07	641	O	ID	3/3
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 and is only used 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 a Receipt Notice.	C			2	010	M	1	200000	1	HL					
													The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.				
3-01		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
													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.				
3-03		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
													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.				
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 a Receipt Notice.	C			2	030	O	1	200000	1	HL					
							If either SN105 or SN106 is present, then the other is required.										
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

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		
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
							SN103 defines the unit of measurement for both SN102 and SN104.										
5		**REF SEGMENT - Receipt Notice Transportation Control Number (TCN)** SEGMENT CONDITION: Only one TCN shall be identified in a Receipt Notice transaction.	C			2	150	O	>1	200000	1	HL					
							At least one of REF02 or REF03 is required.										
5-01		Receipt Notice Transportation Control Number Qualifier TG - Transportation Control Number (TCN) *Use 'TG' to denote TCN (Shipment, Intermediate, or Conveyance) of the shipment unit containing the line item being received.*	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		**REF SEGMENT - Receipt Notice Transportation Tracking Number (TTN)** SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number is applicable.	C			2	150	O	>1	200000	1	HL					
							At least one of REF02 or REF03 is required.										
6-01		Receipt Notice Transportation Tracking Number (TTN) Qualifier 18 - Plan Number *Use '18' to denote Receipt Notice Transportation Tracking Number (TTN)..*	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		**REF SEGMENT - Transportation Tracking Account Number (TTAN)**	C			2	150	O	>1	200000	1	HL					
							At least one of REF02 or REF03 is required.										
7-01		Transportation Tracking Account Number (TTAN) Qualifier 14 - Master Account Number *Use '14' to denote Transportation Tracking Account Number (TTAN)..*	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M	ID	2/3

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
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		**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. 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 a Receipt Notice. Only one Document Number shall be identified in a Receipt Notice transaction.	M			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
8-01		Receipt Notice Document Number Qualifier 43 - Supporting Document Number *Use '43' to denote Other Document Number..* CT - Contract Number PO - Purchase Order Number RQ - Purchase Requisition Number TN - Transaction Reference Number *Use 'TN' to denote Requisition Number.*	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		**DTM SEGMENT - Receipt Notice Date/Time Received**	M			2	200 At least one of DTM02, DTM03, or DTM05 is required. If DTM04 is present, then DTM03 is required. If either DTM05 or DTM06 is present, then the other is required.	O	10	200000	1	HL					
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

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
9-02		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
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		**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.	C			2	220	O	1	200	2	N1					
							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.										
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
							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.										
11		**N1 SEGMENT - Receipt Notice Consignee DoDAAC** LOOP CONDITION: Use this segment to record the consignee DoDAAC, if applicable.	C			2	220	O	1	200	2	N1					
							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.										
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

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
11-04		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
							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.										
12		**N1 SEGMENT - Receipt Notice Consolidation Location Indicator** Contains the DoDAAC of the location receiving the shipment for consolidation and onward movement.	M			2	220	O	1	200	2	N1					
							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.										
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
							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.										
13		**HL SEGMENT - Shipment-C Notice Loop** 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					
							The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.										

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
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 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.
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 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
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 Unitý'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 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.
14		**SN1 SEGMENT - Shipment-C Notice Line Item Quantity** 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					If either SN105 or SN106 is present, then the other is required.
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

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
							SN103 defines the unit of measurement for both SN102 and SN104.										
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.	C			2	110	O	20	200000	1	HL					
							If TD101 is present, then TD102 is required. If TD103 is present, then TD104 is required. If TD106 is present, then TD107 is required. If either TD107 or TD108 is present, then the other is required. If either TD109 or TD110 is present, then the other is required.										
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		**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	C			2	150	O	>1	200000	1	HL					
							At least one of REF02 or REF03 is required.										
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

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
17		**REF SEGMENT - Shipment C-Notice Transportation Tracking Number (TTN)** SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number is applicable.	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
17-01		Shipment C-Notice Transportation Tracking Number (TTN) Qualifier 18 - Plan Number *Use '18' to denote Receipt Notice Transportation Tracking Number (TTN)..*	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		**REF SEGMENT - Transportation Tracking Account Number (TTAN)**	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
18-01		Transportation Tracking Account Number (TTAN) Qualifier 14 - Master Account Number *Use '14' to denote Transportation Tracking Account Number (TTAN)..*	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		**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').	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
19-01		Shipment-C Notice Shipment Unit Piece Number Qualifier 97 - Package Number *Use '97' to denote Piece Number..*	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		**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').	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
20-01		Shipment-C Notice Shipment Unit Total Pieces Qualifier Q3 - Ending Package Number *Use 'Q3' to denote Total Number of Pieces in the Shipment Unit or the Shipment Unit Increment..*	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		**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.	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
21-01		Shipment-C Notice Document/Requisition Number Qualifier 43 - Supporting Document Number *Use '43' to denote Other Document Number..* CT - Contract Number PO - Purchase Order Number RQ - Purchase Requisition Number TN - Transaction Reference Number *Use 'TN' to denote Requisition Number.*	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

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
22		**REF SEGMENT - Shipment-C Notice Transportation Priority** 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 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
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		**REF SEGMENT - Shipment-C Notice RFID** 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 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
23-01		Shipment-C 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
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		**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.	C			2	200 At least one of DTM02, DTM03, or DTM05 is required. If DTM04 is present, then DTM03 is required. If either DTM05 or DTM06 is present, then the other is required.	O	10	200000	1	HL					
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

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
24-02		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		**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.	C			2	200	O	10	200000	1	HL					
							At least one of DTM02, DTM03, or DTM05 is required. If DTM04 is present, then DTM03 is required. If either DTM05 or DTM06 is present, then the other is required.										
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		**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).	C			2	220	O	1	200	2	N1					
							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.										

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
26-01		Shipment-C Notice CCP Entity Identifier Code ZZ - Mutually Defined *Use 'ZZ' to denote Consolidation Point.*	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 *Use 'ZZ' to denote Military Standard Movement Procedures (Defense Transportation Regulation).*	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
							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.										
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.	C			2	220	O	1	200	2	N1					
			At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.														
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
			This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.														
28		**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.	C			2	220	O	1	200	2	N1					
			At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.														
28-01		Shipment-C Notice ICP Qualifier Z4 - Owning Inventory Control Point *Use 'Z4' to denote ICP.*	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

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
28-04		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
							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.										
29		**N1 SEGMENT - Shipment-C Notice Consolidation Location Indicator** 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					
			At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.														
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
			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.														
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').	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		**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').	C			2	350	M	100	10	2	LM					
			If LQ01 is present, then LQ02 is required.														

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
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		**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').	C			2	340	O	1	10	2	LM					
32-01		Shipment-C Notice Port Consolidation Terminal Identification Qualifier PC - Pennsylvania Courts *Use 'PC' to denote Port Consolidation Terminal.*	M	ID	2/2	2	340	O	1	10	2	LM	LM01	559	M	ID	2/2
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').	C			2	350 If LQ01 is present, then LQ02 is required.	M	100	10	2	LM					

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		
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		**HL SEGMENT - Due-In Notice Loop** 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. IIf 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					
							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.									
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
							HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.									

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
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 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.	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 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.	735	M	ID	1/2
35		**SN1 SEGMENT - Due-In Notice Line Item Quantity** 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 If either SN105 or SN106 is present, then the other is required.					
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 SN101 is the ship notice line-item identification.	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

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		
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 SN103 defines the unit of measurement for both SN102 and SN104.	O	1	200000	1	HL	SN103	355	M	ID	2/2
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.	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		**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.	C			2	070 If PID04 is present, then PID03 is required. At least one of PID04 or PID05 is required. If PID07 is present, then PID03 is required. If PID08 is present, then PID04 is required. If PID09 is present, then PID05 is required.	O	200	200000	1	HL					
37-01		Description Type Qualifier F - Free-form	M	ID	1/1	2	070 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.	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

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
37-05		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		**PID SEGMENT - Hazard Class/Division**	C			2	070	O	200	200000	1	HL					
							If PID04 is present, then PID03 is required. At least one of PID04 or PID05 is required. If PID07 is present, then PID03 is required. If PID08 is present, then PID04 is required. If PID09 is present, then PID05 is required.										
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
							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.										
38-02		Hazard Class/Division Qualifier 01 - Limiting Operation *Use '01' to denote Primary.* 02 - General Product Form *Use '02' to denote Secondary.*	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		**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 explosivrs or hazardous material (HAZMAT).	C			2	070	O	200	200000	1	HL					
							If PID04 is present, then PID03 is required. At least one of PID04 or PID05 is required. If PID07 is present, then PID03 is required. If PID08 is present, then PID04 is required. If PID09 is present, then PID05 is required.										
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
							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.										
39-02		Proper Shipping Name Qualifier PRO - Proprietary *Use 'PRO' to denote Proper Shipping Name.*	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		**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.	C			2	070	O	200	200000	1	HL					
							If PID04 is present, then PID03 is required. At least one of PID04 or PID05 is required. If PID07 is present, then PID03 is required. If PID08 is present, then PID04 is required. If PID09 is present, then PID05 is required.										

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
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
							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.										
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		**PID SEGMENT - Due-In Notice Air Force MICAP Indicator** SEGMENT CONDITION: For Air Force use only.	C			2	070	O	200	200000	1	HL					
							If PID04 is present, then PID03 is required. At least one of PID04 or PID05 is required. If PID07 is present, then PID03 is required. If PID08 is present, then PID04 is required. If PID09 is present, then PID05 is required.										
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
							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.										
41-02		Due-In Notice MICAP Indicator Qualifier Code identifying the general class of a product or process characteristic. MAC - Material Classification *Use 'MAC' to denote MICAP Indicator.*	M	ID	3/3	2	070	O	200	200000	1	HL	PID02	750	O	ID	2/3
41-05		Due-In Notice MICAP Indicator A free-form description to clarify the related data elements and their content. N - No Y - Yes	M	AN	1/1	2	070	O	200	200000	1	HL	PID05	352	C	AN	1/80
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).	C			2	070	O	200	200000	1	HL					
							If PID04 is present, then PID03 is required. At least one of PID04 or PID05 is required. If PID07 is present, then PID03 is required. If PID08 is present, then PID04 is required. If PID09 is present, then PID05 is required.										
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
							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.										

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		
42-02		UN/NA Qualifier 13 - Quality (Quality Level) *Use '13' to denote UN/NA.*	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
43		**MEA SEGMENT - Due-In Notice Shipment Unit Weight** SEGMENT CONDITION: This segment is MANDATORY for all due-in shipment loops (HL03='S').	C			2	080	O	40	200000	1	HL					
							At least one of MEA03, MEA05, MEA06, or MEA08 is required. If MEA05 is present, then MEA04 is required. If MEA06 is present, then MEA04 is required. If MEA07 is present, then at least one of MEA03, MEA05, or MEA06 is required. Only one of MEA08 or MEA03 may be present.										
43-01		Weight Qualifier WT - Weights	M	ID	2/2	2	080	O	40	200000	1	HL	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	2	080	O	40	200000	1	HL	MEA03	739	C	R	1/20
44		**MEA SEGMENT - Due-In Notice Shipment Unit Cube** NOTE: This segment is MANDATORY for all shipment loops (HL03='S').	M			2	080	O	40	200000	1	HL					
							At least one of MEA03, MEA05, MEA06, or MEA08 is required. If MEA05 is present, then MEA04 is required. If MEA06 is present, then MEA04 is required. If MEA07 is present, then at least one of MEA03, MEA05, or MEA06 is required. Only one of MEA08 or MEA03 may be present.										
44-01		Cube Qualifier PD - Physical Dimensions *Use 'PD' to denote Due-In Shipment Unit Cube.*	M	ID	2/2	2	080	O	40	200000	1	HL	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	2	080	O	40	200000	1	HL	MEA03	739	C	R	1/20
45		**MEA SEGMENT - Net Explosive Weight (English)** 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					
							At least one of MEA03, MEA05, MEA06, or MEA08 is required. If MEA05 is present, then MEA04 is required. If MEA06 is present, then MEA04 is required. If MEA07 is present, then at least one of MEA03, MEA05, or MEA06 is required. Only one of MEA08 or MEA03 may be present.										

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
45-01		Net Explosive Weight Qualifier NX - Net Explosive Weight	M	ID	2/2	2	080	O	40	200000	1	HL	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	2	080	O	40	200000	1	HL	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	
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		**TD1 SEGMENT - Due-In 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. 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					
							If TD101 is present, then TD102 is required. If TD103 is present, then TD104 is required. If TD106 is present, then TD107 is required. If either TD107 or TD108 is present, then the other is required. If either TD109 or TD110 is present, then the other is required.										
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

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		
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		**TD5 SEGMENT - Carrier Bill Number** SEGMENT CONDITION: If available, enter the carrier's air waybill or PRO number.	C			2	120	O	12	200000	1	HL					
							At least one of TD502, TD504, TD505, TD506, or TD512 is required. If TD502 is present, then TD503 is required. If TD507 is present, then TD508 is required. If TD510 is present, then TD511 is required. If TD513 is present, then TD512 is required. If TD514 is present, then TD513 is required. If TD515 is present, then TD512 is required.										
47-02		Carrier Bill Qualifier 95 - Assigned By Transporter *Use '95' to denote Air Waybill.* C5 - Customer Identification File *Use 'C5' to denote PRO Number.*	M	ID	2/2	2	120	O	12	200000	1	HL	TD502	66	C	ID	1/2
							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.										
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		**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.	C			2	120	O	12	200000	1	HL					
							At least one of TD502, TD504, TD505, TD506, or TD512 is required. If TD502 is present, then TD503 is required. If TD507 is present, then TD508 is required. If TD510 is present, then TD511 is required. If TD513 is present, then TD512 is required. If TD514 is present, then TD513 is required. If TD515 is present, then TD512 is required.										
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
							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.										

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
48-03		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		**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.	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
49-01		MTX Number Qualifier MT - Meter Ticket Number *Use 'MT' to denote MTX Number.*	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M	ID	2/3
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).	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
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
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		**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).	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
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 *Use 'EP' to denote Export Traffic Release Number..* RE - Release Number *Use 'RE' to denote Air Release Number.*	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M	ID	2/3

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
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		**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.	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
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		**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-collocated CCP shipments.	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
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

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
54		**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.	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
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. 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		**REF SEGMENT - Due-In Notice Transportation Tracking Number (TTN)** SEGMENT CONDITION: Required for unit move cargo when Transportation Tracking Number is applicable.	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
55-01		Due-In Notice Transportation Tracking Number (TTN) Qualifier 18 - Plan Number *Use '18' to denote Receipt Notice Transportation Tracking Number (TTN).*	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		**REF SEGMENT - Transportation Tracking Account Number (TTAN)**	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
56-01		Transportation Tracking Account Number (TTAN) Qualifier 14 - Master Account Number *Use '14' to denote Transportation Tracking Account Number (TTAN)..*	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

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		
57		**REF SEGMENT - Unit Line Number (ULN)** 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 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
57-01		ULN Qualifier UL - Cross-listed Course Number *Use 'UL' to denote Unit Line Number for a TPFDD move..*	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		**REF SEGMENT - Unit Identification Code (UIC)** 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 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
58-01		UIC Qualifier UI - Previous Course Number *Use 'UI' to denote Unit Identification Code.*	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M	ID	2/3
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		**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 MSLýs Piece of Pieces block (e.g., '3 of 5').	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
59-01		Due-In Notice Shipment Unit Piece Number Qualifier 97 - Package Number *Use '97' to denote Piece Number.*	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

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		
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').	C			2	150	O	>1	200000	1	HL					
							At least one of REF02 or REF03 is required.										
60-01		Due-In Notice Shipment Unit Total Pieces Qualifier Q3 - Ending Package Number *Use 'Q3' to denote Total Number of Pieces in the Shipment Unit or the Shipment Unit Increment.*	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		**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.	C			2	150	O	>1	200000	1	HL					
							At least one of REF02 or REF03 is required.										
61-01		Due-In Notice Document/Requisition Number Qualifier 43 - Supporting Document Number *Use '43' to denote Other Document Number..* RQ - Purchase Requisition Number TN - Transaction Reference Number *Use 'TN' to denote Requisition Number.*	M	ID	2/2	2	150	O	>1	200000	1	HL	REF01	128	M	ID	2/3
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		**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)	C			2	150	O	>1	200000	1	HL					
							At least one of REF02 or REF03 is required.										

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
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		**REF SEGMENT - Due-In Notice Issue Priority Designator** SEGMENT CONDITION: Use this segment for the line item loop (HL03 = 'I') as applicable.	C			2	150	O	>1	200000	1	HL					
							At least one of REF02 or REF03 is required.										
63-01		Issue Priority Qualifier GP - Government Priority Number *Use 'GP' to denote Issue Priority Designator.*	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
64		**REF SEGMENT - Due-In Notice RFID** 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					
							At least one of REF02 or REF03 is required.										
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

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		
65		**REF SEGMENT - Due-In Notice Transportation Account Code (TAC)** SEGMENT CONDITION: Use in the shipment loop (HL03 = 'S') as applicable.	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
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		**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').	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
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
66-02		NSN/CAGE + Part Number Enter NSN or, if not available, enter CAGE + Part Number, as qualified in REF01. If the CAGE+PN data is intended for use in DLMS systems or documents (e.g. DD Form 1348-1A) or in a MILS TCMD format (DI T_6), this element length is limited to 13 characters. [CDF 7/19]	M	AN	1/30	2	150	O	>1	200000	1	HL	REF02	127	C	AN	1/30
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.	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
67-01		Partial Shipment Qualifier KK - Delivery Reference *Use 'KK' to denote Partial Shipment.*	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

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		
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.	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
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		**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.	C			2	150 At least one of REF02 or REF03 is required.	O	>1	200000	1	HL					
69-01		Air Status Code Qualifier ACC - Status *Use 'ACC' to denote Air Status Code.*	M	ID	3/3	2	150	O	>1	200000	1	HL	REF01	128	M	ID	2/3
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		**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.	C			2	190 If either MAN04 or MAN05 is present, then the other is required. If MAN06 is present, then MAN05 is required.	O	>1	200000	1	HL					
70-01		Due-In Notice Pallet ID Qualifer W - Pallet Number	M	ID	1/1	2	190 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container. When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.	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 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.	O	>1	200000	1	HL	MAN02	87	M	AN	1/48

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		
71		**MAN SEGMENT - Special Requirements Code**	C			2	190	O	>1	200000	1	HL					
		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.					If either MAN04 or MAN05 is present, then the other is required. If MAN06 is present, then MAN05 is required.										
71-01		Special Requirements Code Qualifier ZZ - Mutually Defined *Use 'ZZ' to denote Special Requirements Code.*	M	ID	2/2	2	190	O	>1	200000	1	HL	MAN01	88	M	ID	1/2
							MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container. When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.										
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 literial 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
							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.										
72		**DTM SEGMENT - Estimated Delivery Date**	C			2	200	O	10	200000	1	HL					
		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).					At least one of DTM02, DTM03, or DTM05 is required. If DTM04 is present, then DTM03 is required. If either DTM05 or DTM06 is present, then the other is required.										
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
73		**DTM SEGMENT - Due-In Notice Required Delivery Date (RDD)**	C			2	200	O	10	200000	1	HL					
		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).					At least one of DTM02, DTM03, or DTM05 is required. If DTM04 is present, then DTM03 is required. If either DTM05 or DTM06 is present, then the other is required.										
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

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		
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.	C			2	200	O	10	200000	1	HL At least one of DTM02, DTM03, or DTM05 is required. If DTM04 is present, then DTM03 is required. If either DTM05 or DTM06 is present, then the other is required.					
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		**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.	C			2	200	O	10	200000	1	HL At least one of DTM02, DTM03, or DTM05 is required. If DTM04 is present, then DTM03 is required. If either DTM05 or DTM06 is present, then the other is required.					
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

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
75-04		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		**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).	C			2	220	O	1	200	2	N1					
							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.										
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
							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.										
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.	C			2	270	O	3	200	2	N1					
							If either PER03 or PER04 is present, then the other is required. If either PER05 or PER06 is present, then the other is required. If either PER07 or PER08 is present, then the other is required.										
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
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

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		
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 Transshipperýs Consolidation and Containerization Point (CCP) code (DTR Part II, Appendix PP).	C			2	220 At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.	O	1	200	2	N1					
78-01		Due-In Notice CCP Entity Identifier Code ZZ - Mutually Defined *Use 'ZZ' to denote Consolidation Point.*	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 *Use 'ZZ' to denote Military Standard Movement Procedures (Defense Transportation Regulation).*	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 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	O	1	200	2	N1	N104	67	C	AN	2/80
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.	C			2	220 At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.	O	1	200	2	N1					
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
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 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	O	1	200	2	N1	N104	67	C	AN	2/80
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.	C			2	270 If either PER03 or PER04 is present, then the other is required. If either PER05 or PER06 is present, then the other is required. If either PER07 or PER08 is present, then the other is required.	O	3	200	2	N1					

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		
80-01		Carrier (CA) Emergency Contact Qualifier CA - Customer Contact Granting Appointment *Use 'CA' to denote Carrier Emergency Contact.*	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		**N1 SEGMENT - Due-In Notice Consignee DoDAAC** LOOP CONDITION: Use this segment in the Shipment loop (HL03 = 'S').	C			2	220	O	1	200	2	N1					
							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.										
81-01		Consignee Qualifier CN - Consignee *Use 'CN' to denote Ultimate Consignee.*	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
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
							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.										
82		**N1 SEGMENT - Due-In Notice ICP RIC** 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					
							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.										

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
82-01		Due-In Notice ICP Qualifier Z4 - Owning Inventory Control Point *Use 'Z4' to denote ICP.*	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
							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.										
83		**N1 SEGMENT - Due-In Notice Consolidation Location Indicator** 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					
							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.										
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
							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.										
84		**N1 SEGMENT - Transaction Recipient RIC/DoDAAC** 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					
							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.										

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
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
							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.										
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.	C			2	220	O	1	200	2	N1					
							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.										
85-01		Original Sender Qualifier 41 - Submitter *Use '41' to denote Original Sender.*	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
							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.										
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.	C			2	220	O	1	200	2	N1					
							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.										
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

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		
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
							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.										
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.	C			2	220	O	1	200	2	N1					
							At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required.										
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
							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.										
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.	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		**LQ SEGMENT - Due-In Notice Type Pack Code** SEGMENT CONDITION: This segment is MANDATORY for all shipment loops (HL03='S').	C			2	350	M	100	10	2	LM					
							If LQ01 is present, then LQ02 is required.										
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

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
89-02		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 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		**LQ SEGMENT - Due-In Notice Air Dimension Code** SEGMENT CONDITION: Required when Air Dimension Code applies. Pass in the HL03='S' loop.	C			2	350 If LQ01 is present, then LQ02 is required.	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		**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.	C			2	350 If LQ01 is present, then LQ02 is required.	M	100	10	2	LM					
91-01		Water Type Cargo Code Qualifier NT - Type of Cargo Code *Use 'NT' to denote Water Type Cargo.*	M	ID	2/2	2	350	M	100	10	2	LM	LQ01	1270	O	ID	1/3

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
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		**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.	C			2	350 If LQ01 is present, then LQ02 is required.	M	100	10	2	LM					
92-01		Water/Air Commodity Code Qualifier 33 - Air Commodity and Special Handling Code *Use '33' to denote (Only) Air Commodity Code.* 34 - Water Commodity and Special Handling Code *Use '34' to denote (Only) Water Commodity Code.*	M	ID	2/2	2	350	M	100	10	2	LM	LQ01	1270	O	ID	1/3
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

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
93		**LQ SEGMENT - Due-In Notice Water/Air Special Handling Code**	C			2	350	M	100	10	2	LM					
		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.					If LQ01 is present, then LQ02 is required.										
93-01		Water/Air Special Handling Qualifier (The preceding LQ segment identifies associated Commodity Codes.) A9 - Supplemental Data *Use 'A9' to denote Air Special Handling Code.* ZZ - Mutually Defined *Use 'ZZ' to denote Water Special Handling Code.*	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
94		**LQ SEGMENT - Due-In Notice Seavan or CONEX Container Number**	C			2	350	M	100	10	2	LM					
		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.					If LQ01 is present, then LQ02 is required.										

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
94-01		Due-In Notice Container Information Qualifier	M	ID	2/2	2	350	M	100	10	2	LM	LQ01	1270	O	ID	1/3
		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 dentoe Container Check Digit, and convey the Container Check Digit in the corresponding LQ02 element. 32 - Container and Roll-on/Roll-off Number Code *Use '32' to denote Container Serial Number.* 44 - Seavan Ownership Code *Use '44' to denote Owner Code.* CK - Coupon Adjustment Reason Code *Use 'CK' to denote Container Check Digit.*															
94-02		Due-In Notice Container Number	M	AN	1/15	2	350	M	100	10	2	LM	LQ02	1271	C	AN	1/30
		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		**LQ SEGMENT - Due-In Notice Project Code**	C			2	350	M	100	10	2	LM					
		SEGMENT CONDITION: Use this segment in the line item loop (HL03='I') to identify the project code, if available.					If LQ01 is present, then LQ02 is required.										
95-01		Due-In Notice Project Code Qualifier	M	ID	2/2	2	350	M	100	10	2	LM	LQ01	1270	O	ID	1/3
		78 - Project Code															

DoD INFORMATION						X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name Notes and Codes	DoD Recommended Attributes			Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lvl	Lp ID	Ref Des	DE #	Attributes		
95-02		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		**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.	C			2	350 If LQ01 is present, then LQ02 is required.	M	100	10	2	LM					
96-01		Due-In Notice Material Condition Code Qualifier 83 - Supply Condition Code *Use '83' to denote Due-In Notice Supply Condition Code.*	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		**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.	C			2	350 If LQ01 is present, then LQ02 is required.	M	100	10	2	LM					
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

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		**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').	C			2	350 If LQ01 is present, then LQ02 is required.	M	100	10	2	LM					
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		**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.	C			2	360 At least one of V101 or V102 is required. If V108 is present, then V101 is required.	O	1	>1	2	V1					

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		**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.	C			2	370	O	>1	>1	2	V1					
							If either R402 or R403 is present, then the other is required. R4 is required for each port to be identified.										
100-01		Due-In Notice Port Function D - Port of Discharge (Operational) *Use 'D' to denote Port of Debarkation.* L - Port of Loading (Operational) *Use 'L' to denote Port of Embarkation.*	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) *Use 'IM' to denote Military Port Codes.*	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		**SE SEGMENT - Receipt/Shipment-Consolidation Notice/Due-In Notice Trailer**	M			3	020	M	1								
							SE is the last segment of each transaction set.										
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

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 - Milliamperes
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 - Kiloroentgen
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

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

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 - Milliamperes
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 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

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

Data Value - Definition
KQ - Kilopascal
KR - Kiloroentgen
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

14-03 -- Shipment-C 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

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 - Milliamperes
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 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

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

Data Value - Definition
KQ - Kilopascal
KR - Kiloroentgen
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

35-03 -- Due-In 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

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).*