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.

Notes:

1. Contractors use this transaction set to send a single Shipment Notice (SN).

2. Contractor, Contract Administration Offices (CAOs) and other parties, such as Purchasing Offices, Item Managers and Program Managers, use this transaction set to provide shipment information to designated parties in a contract, Inventory Material Manager, or other Service/Agency designated organizations (the latter via their Automated Data Processing points). Contractors must transmit a Material Inspection and Receiving Report (MIRR, DD Form 250), Ship Notice, within one workday of shipment or performance. CAOs transmit a Shipment Performance Notice after receipt of a contractor transmitted Shipment Notice.

3. Use a single occurrence of this transaction set to report, cancel, or correct, either one or more supply (including bulk petroleum) and service Shipment Notice or Shipment Performance Notice to one or more activities. Use one occurrence of this transaction set to transmit single or multiple transactions.

4. This transaction set does not cover full reporting requirements for Tanker/Barge Material Inspection and Receiving Reports.

5. Use this transaction set to send an original Shipment Notice, or to cancel or correct a previously transmitted Shipment Notice.

6. The Defense Finance and Accounting Service uses a single occurrence of this transaction set to transmit Destination Acceptance alert information to ship-to addresses of material shipments requiring acceptance at destination.

7. Use a single occurrence of this transaction set to transmit destination acceptance alerts for one or more shipments.

8. Do not include classified information in the Shipment Notice or Shipment Performance Notice.

9. The Defense Contract Management Agency does not send Shipment Performance Notices for Army, Navy, and Defense Logistics Agency fast pay contracts of $25,000 or less, except when reporting on bulk petroleum shipments.

10. DoD, Federal and Civil Agency users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and the Transportation Mode of Shipment Conversion Table which can be found on the DLA Logistics Management Standards web site at www.dla.mil/j-6/dlmso.

11. This transaction set may be used to send Wide Area Workflow (WAWF-RA) Ship Notice/Manifest documents, (a/k/a Receiving Reports/DD Form 250). Please refer to the WAWF-RA Implementation Guide located at the following website for WAWF-RA specific rules and edit guidelines, https://wawf.eb.mil.

12. This transaction may be used to report Unique Identification (UID) information to Wide Area Work Flow-Receipt and Acceptance (WAWF-RA). Refer to the UID web at URL: http://www.acq.osd.mil/dpap/UID/ for DoD policy and business rules.

13. This transaction may be used to provide passive Radio Frequency Identification (RFID) tag information as applicable to interior and exterior packaging. RFID information may be reported on the shipment notice or provided as an addendum to a previously submitted shipment notice.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
5	010	ST	Transaction Set Header	M	1		
6	020	BSN	Beginning Segment for Ship Notice	M	1		
10	040	DTM	Date/Time Reference	O	10		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
12	010	HL	Hierarchical Level	M	1		c1
16	020	LIN	Item Identification	O	1		
23	030	SN1	Item Detail (Shipment)	O	1		
25	040	SLN	Subline Item Detail	O	1000		
35	050	PRF	Purchase Order Reference	O	1		
37	060	PO4	Item Physical Details	O	1		
40	070	PID	Product/Item Description	O	200		
42	080	MEA	Measurements	O	40		
Not Used	090	PWK	Paperwork	O	25		
Not Used	100	PKG	Marking, Packaging, Loading	O	25		
45	110	TD1	Carrier Details (Quantity and Weight)	O	20		

47	120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
49	130	TD3	Carrier Details (Equipment)	O	12	
51	140	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	145	TSD	Trailer Shipment Details	O	1	
54	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
69	170	CLD	Load Detail	O	1	
71	180	REF	Reference Identification	O	200	
Not Used	185	DTP	Date or Time or Period	O	1	
73	190	MAN	Marks and Numbers	O	>1	
74	200	DTM	Date/Time Reference	O	10	
78	210	FOB	F.O.B. Related Instructions	O	1	
Not Used	215	PAL	Pallet Information	O	1	
			LOOP ID - N1			200
80	220	N1	Name	O	1	
87	230	N2	Additional Name Information	O	2	
88	240	N3	Address Information	O	2	
89	250	N4	Geographic Location	O	1	
90	260	REF	Reference Identification	O	12	
92	270	PER	Administrative Communications Contact	O	3	
Not Used	280	FOB	F.O.B. Related Instructions	O	1	
94	290	SDQ	Destination Quantity	O	50	
Not Used	300	ETD	Excess Transportation Detail	O	1	
97	310	CUR	Currency	O	1	
			LOOP ID - SAC			>1
100	320	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	325	CUR	Currency	O	1	
103	330	GF	Furnished Goods and Services	O	1	
Not Used	335	YNQ	Yes/No Question	O	10	
			LOOP ID - LM			10

105	340	LM	Code Source Information	O	1		
106	350	LQ	Industry Code	M	100		
			LOOP ID - V1			>1	
Not Used	360	V1	Vessel Identification	O	1		
Not Used	370	R4	Port or Terminal	O	>1		
Not Used	380	DTM	Date/Time Reference	O	>1		

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n1
109	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:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 856 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 ***A unique number assigned by the originator of the transaction set, or the originator's application program.***	**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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**BSN01**	**353**	**Transaction Set Purpose Code**		**M ID 2/2**
			Code identifying purpose of transaction set		
			00	Original	
			01	Cancellation	
				For WAWF, use to indicate a "Void Only" submission.	
			05	Replace	
				For WAWF, use to indicate a "Void and Create" to void a previously submitted ASN/Receiving Report (RR) and concurrently create a new one.	
			CO	Corrected	
				1. Use only after receiving an acknowledgment of receipt for a previously transmitted Shipment Notice. When used, the entire Shipment Notice will be transmitted. ***2. For WAWF, use to indicate a corrected ASN/RR submission.***	
			EX	Final Loading Configuration	
				Use only after previously transmitted Shipment Notice has been processed. When used, provide the load configuration according to RFID tagged container, pallet, or UID packaging applicable to the previously transmitted Shipment Notice.	
M	**BSN02**	**396**	**Shipment Identification**		**M AN 2/30**
			A unique control number assigned by the original shipper to identify a		

specific shipment

1. Use, on other than Defense Logistics Management System Shipment Performance Notices, to cite the shipment number. If applicable, include the final shipment indicator (i.e., the letter Z) or if applicable, the replacement shipment indicator, e.g., A, B, etc., at the end of the shipment number.

2. When used by Defense Contract Management Agency as a Shipment Performance Notice or destination acceptance alert, use ZZ for this data element. Defense Logistics Management System does not use this data element, but it is mandatory in the X12 standards. The ZZ entry satisfies the X12 usage requirements; the receiving application software shall not process it.

3. On Defense Logistics Management System Shipment Performance Notices, do not include the final shipment indicator (Z) on underrun deliveries when a final line item shipment is replaced. In that situation, use the 2/REF/150 segment.

M	**BSN03**	**373**	**Date**	**M**	**DT 8/8**

Date expressed as CCYYMMDD

1. Use to indicate the transaction set creation date.

2. Express the originating activity's date in Universal Time Coordinate (UTC).

M	**BSN04**	**337**	**Time**	**M**	**TM 4/8**

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

1. Express the originating activity's time in Universal Time Coordinate (UTC).

2. Express time in a four-position (Hour Hour Minute Minute) format.

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

Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set

0001 Shipment, Order, Packaging, Item

1. Use ONLY when submitting a Ship Notice/Manifest for multiple orders per shipment to systems other than WAWF-RA. Not used for submissions to WAWF-RA.

2. When used, HL03 code P shall be used to indicate Packaging.

BSN06	**640**	**Transaction Type Code**	**X**	**ID 2/2**

Code specifying the type of transaction

Use to indicate the type of transaction.

AS	Shipment Advice
	Use to indicate the transaction is a Material Inspection and Receiving Report [Ship Notice] from a contractor.
PR	Product (or Service)
TS	Transfer Statement
	Use to indicate the shipment/movement of Government Property (from Government to Contractor, Contractor to Contractor, Contract to Contract, and Contractor to Government, Govermnment to Government and to indicate shipment of Contractor Acquired Property (CAP) from Contractor to Government. Does not include shipment of new acquisition contract items from the selling contractor to the government.
U2	Shipment Performance Notice
	Use only on Department of Defense internal systems [i.e., Defense Contract Management Agency] when the transaction set contains a Shipment Performance Notice (supplies or services).
U4	Acceptance Alert
	Use only on Department of Defense internal systems when the transaction set contains a destination acceptance alert.

BSN07	**641**	**Status Reason Code**	**O**	**ID 3/3**

Code indicating the status reason

043	Transfer Without Written Notice
	Use only with BSN06 Code TS to report the receipt of Government Property where a Ship Notice was not received prior to receipt.
048	Location Changed
	On the Ship Notice, use only with BSN06 Code TS when Government Property is being moved from one location to another.
A02	Release Signature or Release Number
	Use only with BSN06 Code TS to report the receipt of Government Property when a Ship Notice was received prior to receipt.
A59	Hold At Location

	On the Ship Notice, use only with BSN06 Code TS when Government Property is moved from one contract to another and the prime contractor remains the same.
C20	Complete
	Use only with BSN01 Code EX and BSN06 Code AS when RFID information is provided as an addendum to a previously submitted shipment notice.
INP	Incomplete - In Progress
	Use only with BSN06 Code AS when RFID information cannot be provided in the initial shipment notice transaction because material is awaiting inspection.
ZZZ	Mutually Defined
	Use only with BSN06 = "TS," for reporting receipt of GFP transferred from the government to a contractor on a document automatically generated by WAWF. The contractor will be notified by an automated email from WAWF that the transfer document was generated. For example, if an item is accepted from a new acquisition contract at Source by the government and shipped directly to a contractor as GFP, WAWF will generate the GFP transfer document and the notifying email to the contractor to whom the GFP is shipped.

Segment: **DTM** **Date/Time Reference**
Position: 040
Loop:
Level: Heading
Usage: Optional
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:

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 007 Effective ***Use only with BSN07 Code A59 to provide the effective date of the contractual change.*** 282 Previous Report ***Use to indicate the date of a previously transmitted Shipment Notice that is being cancelled or corrected.***	**M ID 3/3**
	DTM02	**373**	**Date** Date expressed as CCYYMMDD ***1. Use to indicate the transaction set creation date of the original Shipment Notice (e.g., the date carried in BSN03 of the original transmission).*** ***2. Express the date in Universal Time Coordinate.***	**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) ***1. Use to indicate the transaction set creation time of the original Shipment Notice (e.g., the time carried in BSN04 of the original transmission).*** ***2. Express the time in a four-position (Hour Hour Minute Minute) format.***	**X TM 4/8**

Not Used	**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	**O**	**ID 2/2**
Not Used	**DTM05**	**1250**	**Date Time Period Format Qualifier** Code indicating the date format, time format, or date and time format	**X**	**ID 2/3**
Not Used	**DTM06**	**1251**	**Date Time Period** Expression of a date, a time, or range of dates, times or dates and times	**X**	**AN 1/35**

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:

1. Iterations of the 2/HL/010 loop provide data structured in a hierarchical logic consisting of address, shipment, line item, and unique item identification information. Additional loops may be included for container/pack information in accordance with specific implementation guidance.

2. Must use the first iteration of the 2/HL/010 loop as the address loop. Use the second iteration as shipment loop to provide shipment information common to all line items. Use the third iteration and, if applicable, additional iterations as the line item loop. However, when there is a container applicable to a shipment, use the third iteration of the loop to associate the container with the shipment iteration of the loop. In that circumstance, the first and subsequent line item loops, if any, would begin at the next iteration of the loop following completion of all shipment level container information. Use iterations of the loop to specify container information and information related to consolidated shipments. Repeat the line item and container loops as necessary to identify all line items and containers relevant to the shipment or line items being reported.

3. When BSN05 is code 0001, the hierarchical structure shall be shipment (HL03 code S), order (HL03 code O), and packaging (HL03 code P). Use of

HL03 code I is optional.

4. For items newly procured via WAWF, the hierarchical structure shall be: Address (HL03 code V), Shipment (HL03 = S), Item (HL03 Code I), UID (HL03 code D), Part Characteristic (HL03 =J), Product Characteristics (HL03 = PH) and RFID (HL03 code P). When BSN01 indicates that the Shipment Notice provides RFID load configuration information, the hierarchical structure shall be: Address (HL03 code V to identify transaction originator and receiver), Shipment (HL03 Code S to identify the contract and shipment numbers), and RFID Pack (HL03 Code P).

5. For movement of Government property via WAWF, the hierarchical structure shall be: Address (HL03 code V), Shipment (HL03 Code S), Item (HL03 Code I), UID (HL03 Code D), Current Part Number (HL03 Code J) and RFID Pack (HL03 Code P).

6. For inclusion of Mark information associated with IUID data content, the Mark Loop (HL03 code X) will be a child loop to either the UID loop (HL03 code D) or Embedded UID loop (HL03 code F) depending on its association.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**HL01**	**628**	**Hierarchical ID Number**	**M**	**AN 1/12**
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure		
			In the first 2/HL/010 loop iteration, cite the number 1. In each subsequent loop iteration, increase incrementally by 1.		
	HL02	**734**	**Hierarchical Parent ID Number**	**O**	**AN 1/12**
			Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to		
			1. Do not use in the first occurrence of the 2/HL/010 address loop. Use in subsequent 2/HL/010 shipment loops to identify the relationship between a previous occurrence of the loop and the current occurrence of the loop.		
			2. Cite the sequential serial number assigned in HL01 of the 2/HL/010 address loop to identify the shipment associated with the address. Cite the sequential serial number assigned in HL01 of the 2/HL/010 shipment loop to identify the line item associated with the shipment loop. Cite the sequential serial number assigned in HL01 of the 2/HL/010 shipment or line item loop, as appropriate, to associate a returnable container with its relevant shipment or line item. When providing UID information, cite the sequential serial number assigned in HL01 of the 2/HL/010 line item loop to associate the UID information with its relevant line item. Citing the applicable		

information in this fashion provides a cross-reference for all address, shipment, line item, container information, and UID information contained in the shipment notice. When providing RFID, cite the sequential serial number assigned to the Shipment loop on the highest level of packaging identified to RFID (e.g., palletized unit load). In subsequent layers of packaging (e.g., exterior container), cite the sequential serial number assigned to the highest level to mirror the physical relationship of the packaging RFID layers.

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

Code defining the characteristic of a level in a hierarchical structure

4	Group
	Use to indicate a consolidated shipment.
D	Product Description
	Use to identify UID data consistent with UID data requirements. Only segments 2/SLN/040 and 2/REF/150 are applicable to the UID data loop. Use a separate UID loop for each combination of UII type, original part number, Enterprise Identifier and Issuing Agency Code, Manufacturer Identifier, Manufacture Code, GFP Category Code, and 2D Compliant Mark Indicator. Begin a new UID loop if any one of these elements differs.
E	Transportation Equipment
	For WAWF, used to identify a loop containing embedded UII information.
F	Component
	Use to provide UID data about an embedded item. This includes pedigree, mark, and parent information as applicable. When the embedded items are already in the IUID Registry, only segments 2/REF/150 and 2/DTM/200 are used. When the embedded items are not in the IUID Registry, use segments 2/SLN/030, 2/PID/070, 2/REF/150, and 2/DTM/200 to provide the pedigree data.
I	Item
	Use to identify the individual line item loops.
J	Part Characteristic
	Use to provide current part number information about an item. Only segments 2/SLN/040, 2/REF/150, and 2/DTM/200 are used. Use a separate Current Part Number loop for each combination of Current Part Number, Current Part Number Effective Date, and Acquisition Value. If 2/REF/150 is not used in this loop to

identify specific UIIs, then HL02 must reference a UID loop (HL03 = D) and current part number information will be applied to all UIIs identified in the UID loop. If 2/DTM/200 is not used, then the Current Part Number Effective Date will be derived from the shipment date.

O	Order
	1. Use to identify the individual order loops. ***2. This code is used ONLY when BSN05 is code 0001.***
P	Pack
	1. When submitting a Ship/Notice Manifest for multiple orders per shipment (BSN05 is Code 0001), use to identify the individual packaging loops. ***2. When providing RFID information pertaining to a shipment, use to identify individual pack loops associated with RFID. Only the 2/REF/150 and 2/SDQ/290 are used in this loop when reporting pack/RFID information. (Fix Fed for the SDQ).***
PH	Product Characteristic
S	Shipment
V	Address Information
	Use to identify the transaction set address loop.
X	Serial Number
	Use to provide Mark information associated with Parent UII (identified by a Parent UID loop) or an embedded UII (identified by an Embedded UID loop) for new or updated items in the IUID Registry.
ZZ	Mutually Defined
	Use to indicate the container level in a 2/HL/010 loop iteration. Container loops, regardless of whether the containers are returnable or not, should follow either the shipment or line item iteration of the HL segment.

HL04 736 Hierarchical Child Code O ID 1/1

Code indicating if there are hierarchical child data segments subordinate to the level being described

0	No Subordinate HL Segment in This Hierarchical Structure.
1	Additional Subordinate HL Data Segment in This Hierarchical Structure.

Segment: **LIN** **Item Identification**
Position: 020
Loop: HL Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify basic item identification data
Syntax Notes:
1 If either LIN04 or LIN05 is present, then the other is required.
2 If either LIN06 or LIN07 is present, then the other is required.
3 If either LIN08 or LIN09 is present, then the other is required.
4 If either LIN10 or LIN11 is present, then the other is required.
5 If either LIN12 or LIN13 is present, then the other is required.
6 If either LIN14 or LIN15 is present, then the other is required.
7 If either LIN16 or LIN17 is present, then the other is required.
8 If either LIN18 or LIN19 is present, then the other is required.
9 If either LIN20 or LIN21 is present, then the other is required.
10 If either LIN22 or LIN23 is present, then the other is required.
11 If either LIN24 or LIN25 is present, then the other is required.
12 If either LIN26 or LIN27 is present, then the other is required.
13 If either LIN28 or LIN29 is present, then the other is required.
14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:
1 LIN01 is the line item identification
Comments:
1 See the Data Dictionary for a complete list of IDs.
2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:
1. Use the 2/LIN/020 segment in 2/HL/010 line item loops to cite a line item and to identify the National Stock Number, or other description of the item cited.

2. If the line item cannot be described using one of the listed codes, there must be at least one use of LIN02/03 citing any applicable code, to satisfy syntax requirements of X12.

3. Must use at least one iteration of this segment to identify the line item.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LIN01	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set ***Use to identify in accordance with the format prescribed in the Defense Federal Acquisition Regulation Supplement Uniform Line Item Numbering Policy, the Line Item, if applicable, e.g., Contract Line Item Number, Sub Line Item Number, Exhibit Line Item Number, etc., in accordance with the Uniform Contract Line Item Numbering System.***	**O AN 1/20**

M	**LIN02**	**235**	**Product/Service ID Qualifier**	**M**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. For Navy and Defense Logistics Agency contracts, LIN02 must be used at least once and cited either of codes FS, MG, or SW to identify material. Use code SV to identify a service performance notice.

2. Use code PD when the line item cannot be identified by using one of the other listed codes. When used, describe the item in the associated Product/Service ID, DE 234.

3. For other than Navy and Defense Logistics Agency contracts use any applicable code(s).

4. For bulk fuels, only use code FS.

A3	Locally Assigned Control Number
A8	Exhibit Line Item Number
AK	Refined Product Code
B8	Batch Number
	Use to indicate a batch number.
CG	Commodity Grouping
	Use to indicate a commodity code.
CH	Country of Origin Code
CL	Color
CN	Commodity Name
EF	Exhibit Identifier
	Use to indicate the letter assigned to an exhibit.
F7	End-Item Description
	Use to indicate the end item to which the ordered item applies.
F8	Next Higher Used Assembly
	Use to indicate the next higher assembly to which the ordered item applies.
FS	National Stock Number
	Must use for Navy and Defense Logistics Agency contracts, when the National Stock Number is known. Transmit the number without the dashes. Submit only the basic 13 position National Stock Number.
FT	Federal Supply Classification
	Use when required to identify the Federal Supply Classification of a National Stock Number.
IB	International Standard Book Number (ISBN)

IN	Buyer's Item Number
	Use to indicate a locally assigned code for a product or service whenever stock number does not apply.
KA	Engineering Data List
	Use to indicate the Engineering Data List that contains technical information relating to the Contract Line or Subline Item Number.
KB	Data Category Code
	When LIN01 is a Contract Line or Subline Item Number related to an exhibit, use to indicate the data category of a Contract Data Requirements List.
KD	Replacement National Stock Number
KF	Item Type Number
KG	Time Compliant Technical Order
KI	Cognizance Symbol
KJ	Material Control Code
	Use to indicate the Government assigned management/material control code if provided.
KK	Special Material Identification Code
KL	Item Management Code
KM	Shelf-Life Code
KN	Shelf-Life Action Code
LT	Lot Number
	Use to indicate a manufacturing lot number.
MF	Manufacturer
	Use to indicate the manufacturer when required as part of the description.
MG	Manufacturer's Part Number
	Use as needed to identify the manufacturer's part number. When applicable use an additional occurrence of a 235/234 pair citing code ZB to identify the manufacturer's Commercial and Government Entity code.
MN	Model Number
	Use to indicate the model number of an item.
N1	National Drug Code in 4-4-2 Format
N2	National Drug Code in 5-3-2 Format
N3	National Drug Code in 5-4-1 Format
N4	National Drug Code in 5-4-2 Format
ND	National Drug Code (NDC)
PD	Part Number Description

	Use the associated 234 data element in the 235/234 pair to describe the noun of the item nomenclature. Use 2/PID/070 when additional description is required.
PU	Part Reference Number
	Use to indicate a part number assigned by an industry (not related to a specific manufacturer). Do not use for National Drug Codes.
RC	Returnable Container Number
	Use to indicate a National Stock Number, manufacturer's part number, or other identifying number (except a serial number) of a returnable container. The serial number of a returnable container will be carried in the REF segment with code RS.
SN	Serial Number
	Use to identify the item serial number.
ST	Style Number
	Use to indicate a manufacturer's style identifier.
SV	Service Rendered
	Use to describe a service line item performed for any Service or Agency. When used, provide a text description in no more than 20 characters in the paired data element 234.
SW	Stock Number
	Use to identify a local stock number for Navy and Defense Logistics Agency contracts.
SZ	Vendor Alphanumeric Size Code (NRMA)
	Use to indicate a part number assigned by a contractor other than a manufacturer.
TP	Product Type Code
	Use to indicate a product type or size.
UA	U.P.C./EAN Case Code (2-5-5)
UE	U.P.C./EAN Module Code (2-5-5)
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UX	Universal Product Number
VC	Vendor's (Seller's) Catalog Number
VI	Vary Item Product Number
	Use to indicate a non-catalog number.
VP	Vendor's (Seller's) Part Number
	Use to indicate a part number assigned by a contractor other than a manufacturer.

			ZB	Commercial and Government Entity (CAGE) Code	
				Use to identify a manufacturer's Commercial and Government Entity code only when another 235/234 pair cites code MG.	
			ZR	Service Control Identification	
M	**LIN03**	**234**	**Product/Service ID**	**M**	**AN 1/48**
			Identifying number for a product or service		
			Use code Z "to indicate "See Contract" when the item cannot be described by one of the other codes, or by using the 2/PID/070 segment.		
	LIN04	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	LIN05	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
	LIN06	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	LIN07	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
	LIN08	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	LIN09	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
	LIN10	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	LIN11	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
	LIN12	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	LIN13	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
	LIN14	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

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

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

Segment: **SN1** **Item Detail (Shipment)**
Position: 030
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify line-item detail relative to shipment
Syntax Notes: **1** If either SN105 or SN106 is present, then the other is required.
Semantic Notes: **1** SN101 is the ship notice line-item identification.
Comments: **1** SN103 defines the unit of measurement for both SN102 and SN104.
Notes: ***1. Use as needed in the 2/HL/010 line item loops to identify shipment quantities in the various levels. Use as necessary in the 2/HL/010 container loops to indicate the number of returnable shipping containers. Use 2/REF/150, code RS to indicate the serial numbers of returnable containers or shipping containers.***

2. Use only as needed when reporting services.

3. When used to indicate items shipped to multiple consignees, there must be an iteration of the 2/SLN/040 segment to indicate the total quantity shipped.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
	SN101	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set ***Use only to indicate that the quantity of units shipped, as cited in SN102 is an estimated quantity. When used, cite the letter E to specify when the quantity is an estimate.***	**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 ***1. When BSN05 is not present and HL03 is code S (shipment loop), use to identify the quantity shipped.*** ***2. Use as necessary in the 2/HL/010 container loop to indicate the quantity of returnable containers or the total quantity of containers shipped. Use 2/REF/150 code RS to indicate serial numbers of returnable containers.*** ***3. When BSN05 is code 0001 and HL03 is code O (Order loop), use to identify the number of items shipped in an order.*** ***4. When BSN05 is code 0001 and HL03 is code P (Pack loop), use to identify the number of items shipped in a pack.***	**M R 1/10**

			5. Use the number 0 (zero) to indicate no quantity was either shipped or reported, such as in an interim Shipment Performance Notice.		
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		
			1. Use any code, other than code ZZ, to identify as necessary, the purchase unit for the quantity shipped or service performed. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes. Use code UL when no purchase unit applies. ***2. Use as necessary to indicate the applicable unit when in the shipment or container level loops.***		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	SN104	**646**	**Quantity Shipped to Date**	**O**	**R 1/15**
			Number of units shipped to date		
	SN105	**330**	**Quantity Ordered**	**X**	**R 1/15**
			Quantity ordered		
			Use to indicate another quantity against an alternate unit of issue. When used, include that other unit of issue in the SN106 data element.		
	SN106	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Use any code, other than code ZZ, to indicate the alternate unit of measure. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	**SN107**	**728**	**Returnable Container Load Make-Up Code**	**O**	**ID 1/2**
			Code identifying the load make-up of the returnable containers in the shipment		
Not Used	**SN108**	**668**	**Line Item Status Code**	**O**	**ID 2/2**
			Code specifying the action taken by the seller on a line item requested by the buyer		

Segment: **SLN** **Subline Item Detail**

Position: 040

Loop: HL Mandatory

Level: Detail

Usage: Optional

Max Use: 1000

Purpose: To specify product subline detail item data

Syntax Notes:

1 If either SLN04 or SLN05 is present, then the other is required.
2 If SLN07 is present, then SLN06 is required.
3 If SLN08 is present, then SLN06 is required.
4 If either SLN09 or SLN10 is present, then the other is required.
5 If either SLN11 or SLN12 is present, then the other is required.
6 If either SLN13 or SLN14 is present, then the other is required.
7 If either SLN15 or SLN16 is present, then the other is required.
8 If either SLN17 or SLN18 is present, then the other is required.
9 If either SLN19 or SLN20 is present, then the other is required.
10 If either SLN21 or SLN22 is present, then the other is required.
11 If either SLN23 or SLN24 is present, then the other is required.
12 If either SLN25 or SLN26 is present, then the other is required.
13 If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes:

1 SLN01 is the identifying number for the subline item.
2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

1 See the Data Element Dictionary for a complete list of IDs.
2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes:

1. When the line item is shipped with missing components, indicate and list separately, the associated Contract Line Item Number, a code indicating that the shipment is short, the quantity of items not shipped, and their unit of issue and unit price as applicable. Use 2/N1/220 to cite as applicable the authority for shipment.

2. Use to indicate the total quantity shipped to multiple consignees.

3. Use to indicate the unit price of items including Government Furnished Property.

4. Do not use in Department of Defense when generating a Shipment Performance Notice or for bulk fuel shipment performance notices.

5. Use this segment in UID loops to identify the UII type and related information as applicable.

6. Use in 2/HL/010 Embedded loops to identify the UII type, related pedigree information, and mark compliancy for an embedded item as applicable.

7. Use in the 2/HL/010 Current Part Number loops to identify part number changes of an item.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**SLN01**	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set ***1. Use as a counter. Start with the number 1 and increase the number by 1 for each iteration of the segment.*** ***2. This will always be "1" in UID, Embedded, and Current Part Number loops.***	**M AN 1/20**
	SLN02	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set ***1. Use to indicate, as applicable, the associated line item.*** ***2. Not applicable to UID, Embedded, and Current Part Number loops.***	**O AN 1/20**
M	**SLN03**	**662**	**Relationship Code** Code indicating the relationship between entities D Delete ***Use to indicate that the cited shipment or line item is short components. Indicate the quantity of missing components in SLN04 and enter the total dollar value of the missing components in SLN06.*** O Information Only ***1. Use to indicate in SLN04 the total quantity shipped for multiple consignees and indicate the unit price in SLN06.*** ***2. Use in UID, Embedded, and Current Part Number loops to indicate UID information is provided.***	**M ID 1/1**
	SLN04	**380**	**Quantity** Numeric value of quantity ***1. This will always be "1" in UID and Embedded loops.***	**X R 1/15**

			2. Do not use in Current Part Number loops.		
	SLN05	**C001**	**Composite Unit of Measure**	**X**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
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		
			1. Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes. ***2. Must be used in the UID loop to reflect the Unit of Measurement associated with the Acquisition Cost.*** ***3. Use in the Embedded loop to reflect the Unit of Measurement associated with the Acquisition Cost. Must use if the Acquisition Cost is provided.*** ***4. Do not use in Current Part Number loops.***		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	**C00102**	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		
Not Used	**C00103**	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
Not Used	**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		
Not Used	**C00105**	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		
Not Used	**C00106**	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
Not Used	**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		
Not Used	**C00108**	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		
Not Used	**C00109**	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
Not Used	**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		
Not Used	**C00111**	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		

Not Used	**C00112**	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
Not Used	**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		
Not Used	**C00114**	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		
Not Used	**C00115**	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
	SLN06	**212**	**Unit Price**	**X**	**R 1/17**
			Price per unit of product, service, commodity, etc.		
			1. In Defense Contract Management Agency administered contracts, when SLN03 = code O,"this is the unit price; when SLN03 = code D,"this is the total amount associated with the value of missing components.		
			2. Use in the UID and Embedded loops to indicate the acquisition cost per IUID guidance.		
			3. Use in the Current Part Number loop to provide the Acquisition Value per IUID guidance.		
			4. If NS is entered in SLN07 for the Not Separately Priced Indicator, then SLN06 must contain a 0,"zero value.		
	SLN07	**639**	**Basis of Unit Price Code**	**O**	**ID 2/2**
			Code identifying the type of unit price for an item		
			Not applicable to UID, Embedded, and Current Part Number loops.		
			ES — Estimated		
			Use to indicate the price in SLN06 is an estimate.		
			KA — Price with Government Furnished Property		
			1. Use to indicate that the price in SLN06 is for Government Furnished Material/Property or Equipment associated with the manufactured item.		
			2. When used, cite code O in SLN03.		
			NS — Not Separately Priced		
			For WAWF, the vendor will enter NS'for Not Separately Priced and the SLN06 value must contain a 0,"zero value.		
	SLN08	**662**	**Relationship Code**	**O**	**ID 1/1**
			Code indicating the relationship between entities		
			A — Add		
			For WAWF, the vendor will enter A'to indicate		

Multi Box Indicator.

I	Included
O	Information Only

SLN09 235 Product/Service ID Qualifier X ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. Use code PD when the line item cannot be identified by using one of the other listed codes. When used to describe the item in the associated Product/Service ID, DE 234.

2. For bulk fuels, use only code FS.

3. Use in UID loop to identify the UII Type in the first Product/Service pair. Use subsequent pairs to identify the Enterprise Identifier , Issuing Agency Code, Original Part Number, Batch/Lot Number, Manufacturer Code, GFP Category Code and 2D Compliant Mark Indicator, and Manufacturer Identifier, as applicable.

4. Use in Embedded Part loops to identify the UII Type in the first Product/Service pair. Use subsequent pairs to identify the Enterprise Identifier, Issuing Agency Code, Original Part Number, Batch/Lot Number, Manufacturer Code, Manufacturer Identifier, GFP category code, and 2D Compliant Mark Indicator, as applicable.

5. Use in Current Part Number loops to identify the current part number.

A8	Exhibit Line Item Number
AK	Refined Product Code
B8	Batch Number
	Use for Batch/Lot Number associated with IUID information. No special characters, except for dashes (-) and forward slashes (/) are permitted.
BZ	Coverage Type
	For WAWF, enter BZ in SLN23 and Y for Yes or N for No to indicate Warranty Indicator.
C7	Asset Category
	When transferring Government Furnished Property (GFP) (BSN06 = TSJ), use in the UID loop to identify the GFP Category Code (e.g. E - equipment, M - material). If there is no UID loop, use in the Item loop if needed.
CG	Commodity Grouping
	Use to indicate a commodity code.
CH	Country of Origin Code

CL	Color
CN	Commodity Name
DS	Group ID
	Use in the UID loop to identify the Issuing Agency Code which specifies the type of code used to identify the manufacturer. This is the same code list as used for Enterprise Identifier Issuing Agency Code: ***D: CAGE*** ***LD: DoDAAC*** ***LB: ANSI TI.220*** ***UN: DUNS*** ***0-9 (single digits, 10 different codes, EAN.UCC Company Prefix).*** ***LH: European Health Industry Business Communications Council***
EF	Exhibit Identifier
	Use to indicate the letter assigned to an exhibit.
F7	End-Item Description
	Use to indicate the end item to which the ordered item applies.
F8	Next Higher Used Assembly
	Use to indicate the next higher assembly to which the ordered item applies.
FS	National Stock Number
	Must use for Navy and Defense Logistics Agency contracts, when the National Stock Number is known. Transmit the number without the dashes (-). Submit only the basic 13 position National Stock Number.
FT	Federal Supply Classification
	Use when required to indicate the Federal Supply Classification of a National Stock Number.
IN	Buyer's Item Number
	Use to indicate a locally assigned code for a product or service whenever stock number does not apply.
KA	Engineering Data List
	Use to indicate the Engineering Data List that contains technical information related to the Contract Line or Sub Line Item Number.
KB	Data Category Code

	When N101 is a Contract Line or Sub Line Item Number related to an exhibit, use to indicate the data category of a Contract Data Requirement List.
KD	Replacement National Stock Number
KF	Item Type Number
	Use to identify the UII type per UID guidance, e.g., VIN, UID1, UID2, etc., when known.
KG	Time Compliant Technical Order
KI	Cognizance Symbol
KJ	Material Control Code
	Use to indicate the Government assigned management/material control code if provided.
KK	Special Material Identification Code
KL	Item Management Code
KM	Shelf-Life Code
KN	Shelf-Life Action Code
LT	Lot Number
	1. For non-UID loops, use to indicate a manufacturing lot number. ***2. Do not use in UID loops (see code B8 - Batch Number).***
MF	Manufacturer
	1. Use to indicate the manufacturer when required as part of the description. ***2. Use in UID loop to indicate the Enterprise Identifier (EID).***
MG	Manufacturer's Part Number
	1. Use as needed to identify the manufacturer's part number. When using, there must be an additional occurrence of a 235/234 pair citing code ZB to identify the manufacturer's Commercial and Government Entity code. ***2. Use in UID loop to indicate the original part number.*** ***3. Use in Current Part Number loops to identify the current part number.***
MN	Model Number
	Use to indicate the model number of an item.
N1	National Drug Code in 4-4-2 Format

N2	National Drug Code in 5-3-2 Format
N3	National Drug Code in 5-4-1 Format
N4	National Drug Code in 5-4-2 Format
ND	National Drug Code (NDC)
PD	Part Number Description
	Use the associated 234 data element in the 235/234 pair to describe the item nomenclature. Use 2/PID/070 when additional description is required.
PQ	Product ID Attribute Code
	For WAWF, enter PQ in SLN27, followed by a Y to indicate GFP or an N to indicate Non-GFP.
PU	Part Reference Number
	Use to indicate a part number assigned by an industry (not related to a specific manufacturer). Do not use for National Drug Codes.
RC	Returnable Container Number
	Use to indicate a National Stock Number, manufacturer's part number, or other identifying number (except a serial number) of a returnable container. The serial number of a returnable container will be carried in the REF segment with code RS.
SN	Serial Number
	1. Use to identify the item serial number. ***2. When providing UID information, use 2/REF01/150 Code U3, in the UID loop to identify the UII and associated serial number when applicable.***
ST	Style Number
	Use to indicate a manufacturer's style identifier.
SV	Service Rendered
	Use to indicate (in text) the service being ordered.
SW	Stock Number
	Use to identify a local stock number for Navy and Defense Logistics Agency contracts.
SZ	Vendor Alphanumeric Size Code (NRMA)
	Use to indicate the size of an item being ordered.
TP	Product Type Code
	1. Use to indicate a product type or size. ***2. Use in the UID loop to indicate whether or not item(s) are marked with a 2D compliant mark per***

	IUID policy. Use 'Y' to indicate compliancy and 'N' to indicate non-compliancy.
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)
VI	Vary Item Product Number
	Use to indicate a non-catalog number.
VP	Vendor's (Seller's) Part Number
	Use to indicate a part number assigned by a contractor other than a manufacturer.
VU	Vendor's Basic Unit Number
	Use in UID loop to identify the manufacturer of the item associated with the IUID information if different from the Enterprise Identifier. The manufacturer may be identified by CAGE, DODAAC, ANSI T1.220, DUNS, or EAN.UCC. When provided, also identify the type of code used in a subsequent pair.
XZ	Contractor Establishment Code
	1. Use in UID loop to identify the Issuing Agency Code (IAC). ***2. Go to official UID Website to find the UID Type Codes and IAC codes: http://www.acq.osd.mil/dpap/UID/.***
ZB	Commercial and Government Entity (CAGE) Code
	Use to identify a manufacturer's Commercial and Government Entity code only when a 235/234 pair cites coded MG.

SLN10	**234**	**Product/Service ID**	**X**	**AN 1/48**
		Identifying number for a product or service		
SLN11	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.		
SLN12	**234**	**Product/Service ID**	**X**	**AN 1/48**
		Identifying number for a product or service		
SLN13	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.		
SLN14	**234**	**Product/Service ID**	**X**	**AN 1/48**
		Identifying number for a product or service		
SLN15	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in		

		Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.		
SLN16	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/48**
SLN17	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
SLN18	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/48**
SLN19	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
SLN20	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/48**
SLN21	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
SLN22	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/48**
SLN23	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
SLN24	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/48**
SLN25	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
SLN26	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/48**
SLN27	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
SLN28	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/48**

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: ***1. Use in 2/HL/010 shipment loops to identify contract information.***

2. Use to identify the Procurement Instrument Identification Number and, if applicable, the Supplemental Procurement Instrument Identification Number.

3. Use to identify a contract or order modifications, as applicable, except for Defense Contract Management Agency use in generating a Shipment Performance Notice.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**PRF01**	**324**	**Purchase Order Number** Identifying number for Purchase Order assigned by the orderer/purchaser ***Enter the purchase order number, contract number (including Federal Supply Schedules, General Services Administration Schedules and all other basic contracts), Blanket Purchase Agreement number, Grant, Lease or Agreement number. This is always the Procurement Instrument Identification Number for the Department of Defense or the equivalent expression for Civilian Agencies. This is never the number of a delivery order, call or release against a basic award instrument. That number is carried in PRF02. This number shall be transmitted without dashes.***	**M AN 1/22**
	PRF02	**328**	**Release Number** Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction ***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 Department of Defense or the equivalent expression for Civilian Agencies. This number shall be transmitted without dashes. When preparing a Shipment Performance Notice or destination acceptance alert for Defense Contract Management Agency do not include the contract modification number.***	**O AN 1/30**
	PRF03	**327**	**Change Order Sequence Number** Number assigned by the orderer identifying a specific change or revision	**O AN 1/8**

			to a previously transmitted transaction set		
			1. Use to indicate, as applicable, the modification number of the contract or purchase order. When a call or delivery order is cited, use to indicate the modification number of the call or order, as applicable. When both the contract and call or order have been modified, cite the modification number of the call or order and do not transmit the modification number of the contract. ***2. Except when shipping instructions are furnished by telephone or message and the confirming contract modification (SF 30) has not been received, do not use PRF03 to enter supplementary numbers used in conjunction with basic Procurement Instrument Identification Numbers to identify -- Modifications to contracts and agreements; Modifications to calls/orders; or Document numbers representing contracts written between contractors.***		
	PRF04	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		
	PRF05	**350**	**Assigned Identification**	**O**	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
			Cite the unique identifier that relates the order number to the billing period.		
	PRF06	**367**	**Contract Number**	**O**	**AN 1/30**
			Contract number		
			Use to identify the Small Business Administration (SBA) contract number for an 8a set-aside. The SBA office issuing this contract is cited in 2/N1/220 segment by use of code C9 in N101.		
Not Used	**PRF07**	**92**	**Purchase Order Type Code**	**O**	**ID 2/2**
			Code specifying the type of Purchase Order		

Segment: **PO4** **Item Physical Details**

Position: 060

Loop: HL Mandatory

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Syntax Notes:

1 If either PO402 or PO403 is present, then the other is required.
2 If PO405 is present, then PO406 is required.
3 If either PO406 or PO407 is present, then the other is required.
4 If either PO408 or PO409 is present, then the other is required.
5 If PO410 is present, then PO413 is required.
6 If PO411 is present, then PO413 is required.
7 If PO412 is present, then PO413 is required.
8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
9 If PO417 is present, then PO416 is required.
10 If PO418 is present, then PO404 is required.

Semantic Notes:

1 PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2 PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3 PO417 is the ending package identifier in a range of identifiers.
4 PO418 is the number of packages in this layer.

Comments:

1 PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12 -Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2 PO413 defines the unit of measure for PO410, PO411, and PO412.

Notes: ***Use, as necessary, to describe the physical details of the item cited in LIN01.***

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
PO401	**356**	**Pack** The number of inner containers, or number of eaches if there are no inner containers, per outer container	**O**	**N0 1/6**
PO402	**357**	**Size** Size of supplier units in pack	**X**	**R 1/8**
PO403	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken ***Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.***	**X**	**ID 2/2**

Refer to 004010 Data Element Dictionary for acceptable code values.

PO404	**103**	**Packaging Code**	**X**	**AN 3/5**
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
PO405	**187**	**Weight Qualifier**	**O**	**ID 1/2**
		Code defining the type of weight		
		Use any code other than code Z.		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
PO406	**384**	**Gross Weight per Pack**	**X**	**R 1/9**
		Numeric value of gross weight per pack		
PO407	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
PO408	**385**	**Gross Volume per Pack**	**X**	**R 1/9**
		Numeric value of gross volume per pack		
PO409	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
PO410	**82**	**Length**	**X**	**R 1/8**
		Largest horizontal dimension of an object measured when the object is in the upright position		
PO411	**189**	**Width**	**X**	**R 1/8**
		Shorter measurement of the two horizontal dimensions measured with the object in the upright position		
PO412	**65**	**Height**	**X**	**R 1/8**
		Vertical dimension of an object measured when the object is in the upright position		
PO413	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
PO414	**810**	**Inner Pack**	**O**	**N0 1/6**

			The number of eaches per inner container		
Not Used	**PO415**	**752**	**Surface/Layer/Position Code**	**O**	**ID 2/2**
			Code indicating the product surface, layer or position that is being described		
Not Used	**PO416**	**350**	**Assigned Identification**	**X**	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
Not Used	**PO417**	**350**	**Assigned Identification**	**O**	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
Not Used	**PO418**	**1470**	**Number**	**O**	**N0 1/9**
			A generic number		

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:
1. Use in the Item loop only when additional free form text is needed to describe the item cited in 2/LIN/020.

2. Use in the Embedded loop to provide the description of the embedded item if applicable.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**PID01**	**349**	**Item Description Type** Code indicating the format of a description F Free-form	**M**	**ID 1/1**
Not Used	**PID02**	**750**	**Product/Process Characteristic Code** Code identifying the general class of a product or process characteristic	**O**	**ID 2/3**
Not Used	**PID03**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values	**X**	**ID 2/2**
Not Used	**PID04**	**751**	**Product Description Code** A code from an industry code list which provides specific data about a product characteristic	**X**	**AN 1/12**
Must Use	**PID05**	**352**	**Description** A free-form description to clarify the related data elements and their	**X**	**AN 1/80**

			content ***1. Use to describe the item cited in 2/LIN/020 only when an additional description is required.*** ***2. Use to describe the embedded item.***		
Not Used	**PID06**	**752**	**Surface/Layer/Position Code** Code indicating the product surface, layer or position that is being described	**O**	**ID 2/2**
Not Used	**PID07**	**822**	**Source Subqualifier** A reference that indicates the table or text maintained by the Source Qualifier	**O**	**AN 1/15**
Not Used	**PID08**	**1073**	**Yes/No Condition or Response Code** Code indicating a Yes or No condition or response	**O**	**ID 1/1**
Not Used	**PID09**	**819**	**Language Code** Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	**O**	**ID 2/3**

Segment: **MEA** **Measurements**

Position: 080

Loop: HL Mandatory

Level: Detail

Usage: Optional

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:
1. Use this segment, as required, to provide measurements related to the item cited in LIN01.

2. Use to indicate, as applicable, measurements for shipment of bulk petroleum.

3. Use to provide limits for material and environmental controls.

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 Refer to 004010 Data Element Dictionary for acceptable code values.	**O ID 2/2**
MEA02	**738**	**Measurement Qualifier** Code identifying a specific product or process characteristic to which a measurement applies	**O ID 1/3**

A3	Aging Time ***Use to indicate aging requirements for time sensitive material.***
API	API Gravity ***Use to indicate the value is the American Petroleum Institute gravity (bulk only) for petroleum shipments.***
BK	Bulk ***Use to indicate that the value is gross gallons (bulk only) for petroleum shipments.***
FG	Freezing Point

			Use as applicable to indicate the freezing points for material.		
			FMZ Flammability		
			Use as applicable to indicate flammability data for material.		
			MT Moisture Content		
			Use as applicable to indicate humidity data for material.		
			TC Temperature		
			Use to indicate that the value is the loading temperature (bulk only) for petroleum shipments.		
			TES Storage Temperature		
			Use as applicable to indicate storage temperature.		
	MEA03	**739**	**Measurement Value**	**X**	**R 1/20**
			The value of the measurement		
	MEA04	**C001**	**Composite Unit of Measure**	**X**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
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		
			Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes. The listed codes are to be used in accordance with their accompanying notes. ***FA Fahrenheit*** ***Use to indicate the loading temperature (bulk only) of petroleum.*** ***GA Gallon*** ***Use to indicate the gross gallons (bulk only) for petroleum shipments.***		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	**C00102**	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		
Not Used	**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		
			Use any code other than code ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	**C00105**	**1018**	**Exponent**	**O**	**R 1/15**

			Power to which a unit is raised		
Not Used	**C00106**	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
Not Used	**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		
Not Used	**C00108**	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		
Not Used	**C00109**	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
Not Used	**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		
Not Used	**C00111**	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		
Not Used	**C00112**	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
Not Used	**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		
Not Used	**C00114**	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		
Not Used	**C00115**	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
Not Used	**MEA05**	**740**	**Range Minimum**	**X**	**R 1/20**
			The value specifying the minimum of the measurement range		
Not Used	**MEA06**	**741**	**Range Maximum**	**X**	**R 1/20**
			The value specifying the maximum of the measurement range		
Not Used	**MEA07**	**935**	**Measurement Significance Code**	**O**	**ID 2/2**
			Code used to benchmark, qualify or further define a measurement value		
Not Used	**MEA08**	**936**	**Measurement Attribute Code**	**X**	**ID 2/2**
			Code used to express an attribute response when a numeric measurement value cannot be determined		
Not Used	**MEA09**	**752**	**Surface/Layer/Position Code**	**O**	**ID 2/2**
			Code indicating the product surface, layer or position that is being described		
Not Used	**MEA10**	**1373**	**Measurement Method or Device**	**O**	**ID 2/4**
			The method or device used to record the measurement		

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: ***Use in all contracts administered by Defense Contract Management Agency with the exception of Fast Pay Procedures. Use in the 2/HL/010 shipment loop to provide, as applicable, the actual weight in pounds, of the shipment being reported.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**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	**O**	**AN 3/5**
Not Used	**TD102**	**80**	**Lading Quantity** Number of units (pieces) of the lading commodity	**X**	**N0 1/7**
Not Used	**TD103**	**23**	**Commodity Code Qualifier** Code identifying the commodity coding system used for Commodity Code	**O**	**ID 1/1**
Not Used	**TD104**	**22**	**Commodity Code** Code describing a commodity or group of commodities	**X**	**AN 1/30**
Not Used	**TD105**	**79**	**Lading Description** Description of an item as required for rating and billing purposes	**O**	**AN 1/50**
Not Used	**TD106**	**187**	**Weight Qualifier** Code defining the type of weight	**O**	**ID 1/2**
	TD107	**81**	**Weight** Numeric value of weight ***The actual gross weight in pounds of the shipment being reported.***	**X**	**R 1/10**
	TD108	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken LB Pound	**X**	**ID 2/2**

TD109	**183**	**Volume**	**X**	**R 1/8**
		Value of volumetric measure		
TD110	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		5I Standard Cubic Foot		
		CF Cubic Feet		

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: ***Use in 2/HL/010 shipment loops to identify the mode of shipment.***

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD501	**133**	**Routing Sequence Code**	**O ID 1/2**
		Code describing the relationship of a carrier to a specific shipment movement	
		1 1st Carrier after Origin Carrier	
		For future use. Not available at this time. Not currently applicable for WAWF interface.	
		B Origin/Delivery Carrier (Any Mode)	
		For WAWF Version 4.1, only Code B is valid.	
TD502	**66**	**Identification Code Qualifier**	**X ID 1/2**
		Code designating the system/method of code structure used for Identification Code (67)	
		2 Standard Carrier Alpha Code (SCAC)	
TD503	**67**	**Identification Code**	**X AN 2/80**
		Code identifying a party or other code	
TD504	**91**	**Transportation Method/Type Code**	**X ID 1/2**
		Code specifying the method or type of transportation for the shipment	
		Use any code to identify the mode of shipment. Use code ZZ to indicate a tanker shipment . When code ZZ is cited, transmit the transaction set to all addresses qualified by code PN in 2/N1/220. DLMS users see the Transportation Mode of Shipment Conversion Table for available codes.	

			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	**TD505**	**387**	**Routing** Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	**X**	**AN 1/35**
Not Used	**TD506**	**368**	**Shipment/Order Status Code** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	**X**	**ID 2/2**
Not Used	**TD507**	**309**	**Location Qualifier** Code identifying type of location	**O**	**ID 1/2**
Not Used	**TD508**	**310**	**Location Identifier** Code which identifies a specific location	**X**	**AN 1/30**
Not Used	**TD509**	**731**	**Transit Direction Code** The point of origin and point of direction	**O**	**ID 2/2**
Not Used	**TD510**	**732**	**Transit Time Direction Qualifier** Code specifying the value of time used to measure the transit time	**O**	**ID 2/2**
Not Used	**TD511**	**733**	**Transit Time** The numeric amount of transit time	**X**	**R 1/4**
Not Used	**TD512**	**284**	**Service Level Code** Code indicating the level of transportation service or the billing service offered by the transportation carrier	**X**	**ID 2/2**
Not Used	**TD513**	**284**	**Service Level Code** Code indicating the level of transportation service or the billing service offered by the transportation carrier	**X**	**ID 2/2**
Not Used	**TD514**	**284**	**Service Level Code** Code indicating the level of transportation service or the billing service offered by the transportation carrier	**O**	**ID 2/2**
Not Used	**TD515**	**26**	**Country Code** Code identifying the country	**O**	**ID 2/3**

Segment: **TD3** **Carrier Details (Equipment)**
Position: 130
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify transportation details relating to the equipment used by the carrier
Syntax Notes:
1 Only one of TD301 or TD310 may be present.
2 If TD302 is present, then TD303 is required.
3 If TD304 is present, then TD305 is required.
4 If either TD305 or TD306 is present, then the other is required.
Semantic Notes:
Comments:
Notes: ***Use in the 2/HL/010 loop to indicate the type and the identification number of equipment used for shipments.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	TD301	**40**	**Equipment Description Code** Code identifying type of equipment used for shipment ***1. Use to describe shipping equipment.*** ***2. Use any code other than code ZZ.*** Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 2/2**
Not Used	**TD302**	**206**	**Equipment Initial** Prefix or alphabetic part of an equipment unit's identifying number	**O**	**AN 1/4**
	TD303	**207**	**Equipment Number** Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) ***1. Use on consolidated shipments to indicate each rail car number.*** ***2. When BSN05 is code 0001, use to identify the number of a container.***	**X**	**AN 1/10**
Not Used	**TD304**	**187**	**Weight Qualifier** Code defining the type of weight	**O**	**ID 1/2**
Not Used	**TD305**	**81**	**Weight** Numeric value of weight	**X**	**R 1/10**
Not Used	**TD306**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**X**	**ID 2/2**
Not Used	**TD307**	**102**	**Ownership Code** Code indicating the relationship of equipment to carrier or ownership of equipment	**O**	**ID 1/1**

Not Used	**TD308**	**407**	**Seal Status Code** Code indicating condition of door seal upon arrival	**O**	**ID 2/2**
	TD309	**225**	**Seal Number** Unique number on seal used to close a shipment ***Use to indicate seal numbers on shipping containers.***	**O**	**AN 2/15**
Not Used	**TD310**	**24**	**Equipment Type** Code identifying equipment type	**X**	**ID 4/4**

Segment: **TD4** **Carrier Details (Special Handling, or Hazardous Materials, or Both)**

Position: 140

Loop: HL Mandatory

Level: Detail

Usage: Optional

Max Use: 5

Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax Notes:
1 At least one of TD401 TD402 or TD404 is required.
2 If TD402 is present, then TD403 is required.

Semantic Notes:
1 TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not exist for this product.

Comments:

Notes:
1. Use to indicate hazardous requirements associated with the shipment, e.g., HL03 = Code S.

2. Use to indicate ownership of returnable containers.

3. For WAWF, Use to specify transportation special handling requirements, or hazardous materials information or both.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD401	**152**	**Special Handling Code** Code specifying special transportation handling instructions ***1. Use any code other than code ZZZ. Use code GOC when a container is Government owned. When not used, default is contractor owned or leased container.*** ***2. For WAWF, the following codes are authorized for use in the line item loop, HL03=I.*** ***Use as applicable to identify items requiring special handling due to perishable, refrigerated, hazardous, or other characteristics.*** ***BKA - Bulky Article*** ***BU2 - Bunker Adjustment - 20 Foot Container*** ***BU4 - Bunker Adjustment - 40 Foot Container*** ***DOC - Documentation - Special*** ***ED Excessive Dimensions***	**X ID 2/3**

EE - Electronic Equipment Transfer

EL - Environmental Control Limits

EW - Excessive Weight

EX - Explosive Flammable Gas

FAS - Firearms

FG - Flammable Gas

FL - Flammable

FR - Fragile

HM - Endorsed as Hazardous Material

KMD- Keep Material Dry

MOT - Other

MRF - Refrigerated

ONC - Use No Hooks

ONS - Not Restricted Cargo

OPR - Perishable

OTC - Temperature Control

OV - Overweight

RM - Radioactive Material

SCC - Special Containers

SH - Shiftable Load

SMP- Small Package

STA - Conductivity/Anti-static Additive

Refer to 004010 Data Element Dictionary for acceptable code values.

TD402	**208**	**Hazardous Material Code Qualifier**	**X**	**ID 1/1**

Code which qualifies the Hazardous Material Class Code (209)

Use any code.

			Refer to 004010 Data Element Dictionary for acceptable code values.		
	TD403	**209**	**Hazardous Material Class Code** Code specifying the kind of hazard for a material ***Cite the appropriate Department of Transportation code.***	**X**	**AN 1/4**
	TD404	**352**	**Description** A free-form description to clarify the related data elements and their content ***Use only when special handling instructions or additional information about the shipment needs to be provided in free form text.***	**X**	**AN 1/80**
Not Used	**TD405**	**1073**	**Yes/No Condition or Response Code** Code indicating a Yes or No condition or response	**O**	**ID 1/1**

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

Position: 150

Loop: HL Mandatory

Level: Detail

Usage: Optional

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:

1. Use in the 2/HL/010 shipment loop to identify bill of lading and transportation control numbers.

2. Use in the 2/HL/010 line item loops to identify, if applicable, the transaction number (i.e., the requisition number), and also, if applicable, the requisition number suffix, and other suffix, and other controlling numbers.

3. Use in the 2/HL/010 shipment loop to identify the shipment number assigned by the contractor, and if applicable, the suffix associated with the shipment number.

4. Use in the 2/HL/010 container loop to identify information relating to shipping container.

5. Use in the 2/HL/10 UID loop to identify the Unique Item Identifier (UII) and associated information as applicable. Repeat the REF segment as needed to identify each UII per 2/HL/10 UID loop.

6. Use in 2/HL/010 RFID Pack loops to identify the applicable RFID for palletized load or exterior container. Identify a single tag value per RFID Packaging loop.

7. Use in 2/HL/010 RFID Content/Quantity loops to identify the UII value. Also use to identify the RFID when available at the individual unique item level.

8. Use in 2/HL/010 Embedded loops to provide the UII of the embedded item, the parent UII(s), and associated information as applicable. The effective date is provide in 2/DTM/200.

9. Use in 2/HL/010 Current Part Number loops to provide the UII. Repeat the REF segment as needed to identify each UII per 2/HL/010 Current Part Number loop. If not provided, then the current part number information will be applied to all items in the referenced UID loop.

10. Use in 2/HL/010 Mark loops to provide Mark information related to parent

or embedded UIIs. Repeat the REF segment as needed. For values exceeding the REF02 maximum field length limit of 30 characters, use the REF03 for the overflow. For values exceeding the REF02 and REF03 maximum field length limit (combined 110 characters), use the REF04 C04002, C04004, and C04006 as needed with appropriate qualifier cited in the C04001, C04003, and C04005.

Data Element Summary

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

Use any code. The listed codes are preferred.

0N Attached To
Use to identify the parent UII an item is embedded in. Cite the parent UII in REF03.

0L Referenced By

06 Systems Number

08 Carrier Assigned Package Identification Number

12 Billing Account
Use to identify the appropriate Accounting Authority such as Authorization Accounting Activity (AAA) or Fiscal State Number.

16 Military Interdepartmental Purchase Request (MIPR) Number

2D Aeronautical Equipment Reference Number (AERNO)
Use on shipment of Government Furnished Aeronautical Equipment (GFAE) under Air Force contracts, enter the assignment Aeronautical Equipment Reference Number (AERNO).

2E Foreign Military Sales Case Number
1. Use to indicate a Foreign Military Sale.
2. Use in the shipment loop, HL03=S. For vendor transmission to WAWF, the Foreign Military Sales Case Number is the concatenation of the SC Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX.
For DLMS use:
1. Use in the shipment loop, HL03=S, to identify Security Cooperation Case Designator.
2. Within the WAWF application this element is used to construct the Foreign Military Sales Case Number which is the concatenation of the SC Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX.

2S Catalog
Use to indicate the Catalog of Federal Domestic Assistance. This is where additional information regarding the program funding source can be found.

2Y Wage Determination
Use to indicate a Department of Labor Wage Determination Number. Use if the Wage Determination is passed by reference only or to identify the Wage Determination passed by some other means identified in the PWK segment.

3H Case Number
Use to identify the case number of unique excess plant property. This number, in conjunction with the Schedule Reference Number, establishes a digital reference number to completely identify the excess plant property. Use only when requisitioning excess plant property from the Defense Contract Management Agency (DCMA).

39 Proposal Number
Use to indicate the number of a Value Engineering Change Proposal (VECP).

55 Sequence Number
For Defense Logistics Management System Shipment Performance Notices, use, if applicable, in 2/HL/010 shipment loops, to identify the suffix letter associated with a replacement shipment (e.g., when transmitting the letter A to indicate the first replacement shipment). Do not use for Defense Contract Management Agency Shipment Notices. The replacement shipment suffix is carried in 1/BSN/020 - BSN02 for these transactions.

5N Citation of Statute
Use to indicate the authorization under which this instrument is awarded.

5S Processing Area
Use to indicate NON-MILSTRIP Number 'or Receiving Officer NON -MILSTAMP." When used, cite the text in REF03.

72 Schedule Reference Number
Use with code 3H to identify the excess plant property reference number.

73 Statement of Work (SOW)
Use to indicate the Statement of Work number or number within the Statement of Work where additional information can be found.

7M Frame

Use in Mark loop (HL03 code X) to identify the Mark content type Hull Number.

82 Data Item Description (DID) Reference

83 Extended (or Exhibit) Line Item Number (ELIN)

93 Funds Authorization

97 Package Number

9G Department of Defense Form 250 Requirement Code
Use to indicate the inspection and acceptance requirements for a data item specified on a Contract Data Requirements List.

AI Associated Invoice

AH Agreement Number
Use to indicate a Union Agreement number.

AT Appropriation Number
Use to cite a Navy Appropriation Number to include the Bureau Control Number (BCN) and Authorization Accounting Activity (AAA), e.g., 17X4911-14003-104.

AU Authorization to Meet Competition No.
Use to indicate the Federal Acquisition Regulation part 6 authority for using other than free and open competition.

AW Air Waybill Number

AX Government Accounting Class Reference Number

AAG Military ID
Use in Mark loop (HL03 code X) to identify the Mark content type Service/Agency/Command. Authorized values for REF02 are:
CHEMBIO
MDA
TRANSCOM
SOCOM
USARMY
USAF
USCG
USMC
USN

AAL Agent Number
Use in Mark loop (HL03 code X) to identify the Mark content type

USMC Number.

AAU General Agency Number
Use in Mark loop (HL03 code X) to identify the Mark content type USA Number.

AAW Agency Assigned Number
Use in Mark loop (HL03 code X) to identify the Mark content type USAF Number.

ABS Vessel Name
Use in Mark loop (HL03 code X) to identify the Mark content type Vessel Class.

BL Government Bill of Lading
Use to identify all Government Bill of Lading (GBL) numbers associated with the shipment cited in BSN02. Do not use for service line items when there is no shipment of material. Use as needed for bulk petroleum, to identify all government bills of lading for a single shipment.

BM Bill of Lading Number
Use to identify a commercial bill of lading number. Do not use for service line items when there is no shipment of material.

BN Booking Number

CA Cost Allocation Reference

C4 Change Number
Use to indicate the number of the contract modification that put a cited value engineering change proposal into the contract.

CN Carrier's Reference Number

CR Customer Reference Number
Use to indicate the internal number the contractor assigned to the buying party.

CT Contract Number
Use in Mark loop (HL03 code X) to identify the Mark content type Contract Number.

DD Document Identification Code
Use to identify the Government Micro-Purchase Reference.

DG Drawing Number

DO Delivery Order Number
For WAWF, use to indicate a delivery order is being corrected. The vendor will enter the Delivery Order Number of the immediately preceding Corrected Receiving Report or Receiving Report, to which this correction applies

DS Defense Priorities Allocation System (DPAS) Priority Rating
When used, the code cited in REF02 is a 4-position code.

DX Department/Agency Number
Use in Mark loop (HL03 code X) to identify the Mark content type USN Number.

E4 Charge Card Number
Use to indicate the Government credit card number under which payment for this instrument will be accomplished.

E9 Attachment Code

EH Financial Classification Code
Use to cite the transaction type code when the Navy transaction type code (2T) or (7T) is included in the appropriation data.

EV Receiver Identification Number
Use to indicate the requiring office. i.e., the technical office responsible for ensuring adequacy of the data required on a Contract Data Requirements List. Use an abbreviation of the activity, e.g., Navy Inventory Control Point will be NAVICP.

FI File Identifier

FJ Line Item Control Number
Use with code 3H to identify the excess plant property reference number.

FS Final Sequence Number
Use for final shipment indicator (Z) on Defense Logistics Management System (DLMS) Shipment Performance Notices (SPNs). Do not use on underrun quantity deliveries when a final line item shipment is replaced. Do not use for Defense Contract Management Agency Shipment Notices. The final shipment suffix is carried in 1/BSN/020 - BSN02 for these transactions.

GU Internal Purchase Order Item Number
Use in Mark loop (HL03 code X) to identify the Mark content type Internal Asset Number. The Internal Asset Number may be carried in a combination of REF02 (30 characters), REF03 (80 characters), C04002 (30 characters), C04004 (30 characters), and C04006 (30 characters) for a maximum of 200 characters. When extending the Internal Asset

Number into the composite data elements, the C04001, C04003, and C04005 must cite code GU.

IJ Standard Industry Classification (SIC) Code
Use to indicate the Standard Industrial Classification (SIC) Code applicable to the award instrument.

IL Internal Order Number

IQ End Item
Use to indicate the end item to which the items in the shipment notice pertain.

IV Seller Invoice Number

IX Item Number
Use to indicate a Federal Supply Schedule (FSS) special item number.

IZ Insured Parcel Post Number

JH Tag
Use in RFID Pack loops to identify the RFID tag value at the applicable pack level (i.e.., palletized unit load, exterior container, or UID packaging). Applicable to UID packaging only when multiple UID items are contained in the lowest level of packaging. For single item packaging refer to REF04 Code JH.

JL Packet
Use in Mark loop (HL03 code X) as the Bagged/Tagged Indicator. Enter Y (Yes) or N (No) in the REF02.

K0 Approval Code
Use to indicate the approval code on a Contract Data Requirements List.

K2 Certified Mail Number

K3 Registered Mail Number

K4 Criticality Designator
Use to indicate the surveillance criticality designator applicable to the award instrument.

K6 Purchase Description
Use in Mark loop (HL03 code X) to identify the Mark content type Item Nomenclature. The description may be carried in a combination of REF02 (30 characters), REF03 (80 characters), C04002 (30 characters), C04004 (30 characters), and C04006 (30 characters) for a maximum of 200 characters. When extending the description into the composite data

elements, the C04001, C04003, and C04005 must cite code K6.

KL Contract Reference
1. For a Contract Data Requirements List data item, use to indicate the reference in the contract that generates the requirement for the data item, e.g., Statement of Work paragraph.

2. For WAWF, use to indicate a Contract Number Type. Cite the applicable code in REF02.

A - Cooperative Agreement
B - DoD Contract (FAR)
C - DoD Contract (Non-FAR)
D - Grant
E - Intragovernmental
F - Intergovernmental
G - International Agreement
I - Non-DoD Contract (FAR)
J - Non-DoD Contract (Non-FAR)
K - Other Agreement

KS Solicitation
Use to indicate the solicitation number that resulted in this Award Instrument. If applicable, concatenate the LAST amendment number with the solicitation number.

KV Distribution Statement Code
Use to indicate the code on a Contract Data Requirements List that specifies the distribution statement a contractor is to mark on a data item.

KW Certification
Use to indicate a certification statement, as applicable. When used, cite the text of the certification in REF03.

LA Shipping Label Serial Number

LT Lot Number
1. Use in Product Characteristics loop (HL03 code PH) to identify the batch/lot number.

2. Use in Mark loop (HL03 code X) to identify the Mark content type Lot Number.

NI Local School Course Number

NJ Technical Document Number

NL Technical Order Number

NS National Stock Number
Use in Mark loop (HL03 code X) to identify the Mark content type National Stock Number.

P1 Previous Contract Number
For WAWF, use to indicate a contract is being corrected. The vendor will enter the Contract Number of the immediately preceding Corrected Receiving Report or Receiving Report, to which this correction applies.

P3 Previous customer reference number
Use to indicate a prior shipment number.

P4 Project Code
Use when the contract or shipping instructions contain a three-character project code. Use to indicate the project number applicable to the award instrument. Use only when there is no occurrence of 2/N1/220 - N101 = Z7.

PH Priority Rating
Use to indicate the MILSTRIP/FEDSTRIP priority rating.

PM Part Number
Use in Mark loop (HL03 code X) to identify the Mark content type Part Number. Cite the Part Number in the REF03.

PR Price Quote Number
Use to indicate the contractor's bid, quote, or proposal number.

PRT Product Type
Use in Mark loop (HL03 code X) to identify the Mark content type Type Designation. Type Designation is a series of letters and numbers based on a standard (usually military) that identifies the type/model/series of a piece of equipment. Examples: F/A-18C means Fighter/Attack Aircraft model 18 Series C. CVN-75 means Nuclear Aircraft Carrier Hull Number 75. The Type Designation may be carried in a combination of REF02 (30 characters) and REF03 (80 characters).

Q5 Property Control Number
Use in Mark loop (HL03 code X) to identify the Mark content type Property Control Number.

Q8 Registration Number
Use in Mark loop (HL03 code X) to identify the Mark content type Registration Number.

QC Product Specification Document Number

QI Quality Inspection Area Identifier
Use when describing "Acceptance and Payment Contingent upon receipt of approval test/eval. results." When used, cite the text in REF03.

QQ Unit Number

R9 Rejection Number
When BSN06 = TS, use to identify the UIIs for which item transfer was not completed.

RE Release Number
Use to indicate alternate release procedures are used.

RQ Purchase Requisition No.
Use to indicate the Purchase Request (PR) number or the Purchase Request Order Number (PRON). When citing a Purchase Request number, concatenate its line item number with the PR/PRON number if it is necessary to transmit both numbers.

RS Returnable Container Serial Number
Use to indicate the serial number of returnable containers or shipping containers.

S2 Military Specification (MILSPEC)

S3 Specification Number
Use to indicate a specification number other than a Military Specification (MILSPEC). When used, cite the specification number in REF02 and identify the issuing activity in REF03.

SE Serial Number
Use in Mark loop (HL03 code X) to identify the Mark content type Serial Number.

SI Shipper's Identifying Number for Shipment (SID)
Must use by Defense Contract Management Agency (DCMA) to identify the shipment number in supply and service.

SJ Set Number
Use in Mark loop (HL03 code X).

SCC Security Cooperation Customer
For DLMS use:
1. Use in the shipment loop, HL03=S, to identify Security Cooperation Customer Code.
2. Within the WAWF application this element is used to construct the "Foreign Military Sales Case Number" which is the concatenation of

the SC Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX.
3. A local code 'SCC' is established for use in the 856, version 4010. A data maintenance action has been submitted for establishment of 'SCC-Security Cooperation Customer Code' in a future version.

SCI Security Cooperation Implementing Agency
For DLMS use:
1. Use in the shipment loop, HL03=S, to identify Security Cooperation Implementing
Agency.
2. Within the WAWF application this element is used to construct the Foreign Military Sales Case Number which is the concatenation of the SC Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX.
3. A local code 'SCI' is established for use in the 856, version 4010. A data maintenance action has been submitted for establishment of 'SCI-Security Cooperation Implementing Agency' in a future version.

T4 Signal Code

TG Transportation Control Number (TCN)
Use to identify the Transportation Control Number (TCN). Do not use for service line items when there is no shipment of material.

TH Transportation Account Code (TAC)

TN Transaction Reference Number
Use to indicate the transaction number (i.e., the requisition number).

TP Test Specification Number

TIP Technical Information Package
Use in Mark loop (HL03 code X) to identify the Medium for the mark data. Authorized values for REF02 are:
2D COMPLIANT
NONCOMPLIANT DATA MATRIX
HUMAN READABLE
CMB
PDF417
BARCODE
RFID
DEFINED
PROFILE

U3 Unique Supplier Identification Number (USIN)
1. Use in UID loop to identify the UII value. Cite the UII in REF03. Cite the serial number, when applicable, in REF02. When a batch, lot, or

other type of production run number is included in the UII for uniqueness, this number may be cited in REF04 or in 2/SLN/040.

2. Use in RFID Content/Quantity loop to identify the UII value. Cite the UII in REF03.

3. Use in the Embedded loop to identify the UII of the item for which embedded information is being provided. Cite the UII in REF03.

4. Use as applicable in the Current Part Number loop to identify the UII of the item for which a new part number is being provided. Cite the UII in REF03.

5. Use in the Mark loop (HL03 code X) to identify the Mark content type UII. Cite the UII in REF03

UH Removal Number
Use to identify the parent UII from which an item has been removed from. Cite the parent UII in REF03.

VQ Related Contract Line Item Number

VV Voucher
Use with code 3H to identify the voucher number.

VW Standard
Use to indicate a standard other than a Military Standard (MIL-STD). When used, identify the standard in REF03.

W2 Weapon System Number
Use to indicate the Weapon System Code.

W8 Suffix
Use, if applicable, to cite a suffix associated with a cited requisition (document) number.

WF Locally Assigned Control Number

WY Waybill Number
Use to indicate the Waybill number for rail shipments of coal.

XC Cargo Control Number
Use for bulk petroleum shipments to identify the cargo number assigned to a tanker shipment and for coal shipments to identify the load tracking number that can be identified to the shipment number.

XE Transportation Priority Number

XY Other Unlisted Type of Reference Number

Y9 Current Certificate Number
Use in Mark loop (HL03 code X) to identify the Mark content type FAA Certification. The FAA Certification may be carried in a combination of REF02 (30 characters), REF03 (80 characters), C04002 (30 characters), C04004 (30 characters), and C04006 (30 characters) for a maximum of 200 characters. When extending the FAA Certification into the composite data elements, the C04001, C04003, and C04005 must cite code Y9.

YB Revision Number

ZA Supplier
Use in Mark loop (HL03 code X) to identify the Mark content type Supplier Name. The Supplier Name may be carried in a combination of REF02 (30 charactes) and REF03 (80 characters).

ZE Coal Authority Number
Use for coal shipments to indicate the coal size. Use REF02 to indicate the size No. and REF03 to indicate the noun of the size; Size No. 1 - Foundry, No. 2 - Egg, No. 3 - Stove, No. 4 - Nut.

ZH Carrier Assigned Reference Number

ZM Manufacturer Number

ZZ Use REF02 to indicate information associated with Mark for Party or general comments. If additional space is needed, also use REF03. If necessary, can also be used in conjunction with Mark for Party identified in 2/N1/220.

Refer to 004010 Data Element Dictionary for acceptable code values.

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

Use of this data element is required when used by Defense Contract Management Agency to generate a Shipment Performance Notice.

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

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

1. Use to carry additional information related to a reference number cited in REF02. Use of Free-form text is discouraged if the information can be provided by some other means within the transaction set.

2. Use to indicate the UII value when REF01 = 0N, R9, U3, or UH.

			3. Use to indicate RFID when REF01 = JH.		
	REF04	**C040**	**Reference Identifier**	**O**	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
M	**C04001**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
			6O — Cross Reference Number		
			For WAWF, use to identify the parent UII. This is required to associate the identified embedded UII with its parent UII. Applicable only to vendor submission and not used for WAWF outbound interface.		
			BT — Batch Number		
			Use in UID and Embedded loops, to identify the batch/lot/production number. May be reported in 2/SLN/040 if the same batch/lot/production number applies to all UIIs in the loop.		
			GU — Internal Purchase Order Item Number		
			Use in Mark loop (HL03 code X) to identify the Mark content type Internal Asset Number.		
			JH — Tag		
			Use in the RFID Content/Quantity loop, with REF01 Code U3, to identify the RFID tag value. Use to associate the RFID with the UII only when the RFID tag is applied to the packaging for a single specific individual UID item.		
			K6 — Purchase Description		
			Use in Mark loop (HL03 code X) to identify the Mark content type Item Nomenclature.		
			PRT — Product Type		
			Use in Mark loop (HL03 code X) to identify the Mark content type Type Designation.		
			W9 — Special Packaging Instruction Number		
			For WAWF, the vendor will enter W9: Yes in REF04 with HL03=P and REF01 = U3.		
			Y9 — Current Certificate Number		
			Use in Mark loop (HL03 code X) to identify the Mark content type FAA Certification.		
			ZA — Supplier		
			Use in Mark loop (HL03 code X) to identify the Mark content type Supplier Name.		
M	**C04002**	**127**	**Reference Identification**	**M**	**AN 1/30**

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

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

Code qualifying the Reference Identification

GU	Internal Purchase Order Item Number
	Use in Mark loop (HL03 code X) to identify the Mark content type Internal Asset Number.
K6	Purchase Description
	Use in Mark loop (HL03 code X) to identify the Mark content type Item Nomenclature.
Y9	Current Certificate Number
	Use in Mark loop (HL03 code X) to identify the Mark content type FAA Certification.

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

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

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

Code qualifying the Reference Identification

GU	Internal Purchase Order Item Number
	Use in Mark loop (HL03 code X) to identify the Mark content type Internal Asset Number.
K6	Purchase Description
	Use in Mark loop (HL03 code X) to identify the Mark content type Item Nomenclature.
Y9	Current Certificate Number
	Use in Mark loop (HL03 code X) to identify the Mark content type FAA Certification.

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

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

Segment: **CLD** **Load Detail**

Position: 170

Loop: CLD Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify the number of material loads shipped

Syntax Notes: **1** If CLD05 is present, then CLD04 is required.

Semantic Notes: **1** CLD05 is used to dimension the value given in CLD04.

Comments: **1** The CLD data segment may be used to provide information to aid in the preparation of move tags and/or bar coded labels.

Notes: ***Use the 2/CLD/170 loop in 2/HL/010 line item loops to relate the quantity of the item shipped to one or more requisition numbers.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**CLD01**	**622**	**Number of Loads** Number of customer-defined loads shipped by the supplier ***1. Use the actual number or use the number 1 to satisfy X12 syntax.*** ***2. When BSN05 is code 0001 and HL03 is code O (Order loop), cite the actual number of loads.***	**M N0 1/5**
M	**CLD02**	**382**	**Number of Units Shipped** Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set ***1. Indicate the quantity of the item shipped for the requisition number cited in the REF segment.*** ***2. When BSN05 is code 0001, cite the number 1 to satisfy X12 syntax.***	**M R 1/10**
Not Used	**CLD03**	**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	**O AN 3/5**
	CLD04	**357**	**Size** Size of supplier units in pack ***When used to relate quantity shipped to one or more requisition numbers, enter 0 (zero) to satisfy syntax requirements.***	**X R 1/8**
	CLD05	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken ***Use any code, other than code ZZ, however, it must be the same code used in the Contract Line Item Number description for the contract contained in the LIN segment.***	**O ID 2/2**

Refer to 004010 Data Element Dictionary for acceptable code values.

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

Position: 180

Loop: CLD Optional

Level: Detail

Usage: Optional

Max Use: 200

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: ***Use to relate the applicable requisition, serial number, or Transportation Control Number for a quantity of an item shipped. Use multiple times if more than one requisition, serial number, or Transportation Control Number applies to a single Contract Line Item Number and when the quantity cited in 2/CLD02/170 cannot be further broken down.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification SE — Serial Number ***Use to accommodate multiple serial numbers associated with the requisition number.*** TG — Transportation Control Number (TCN) ***Use to accommodate multiple Transportation Control Numbers (TCNs) per line item.*** TN — Transaction Reference Number ***Use to indicate the transaction number (i.e., the requisition number).***	**M ID 2/3**
	REF02	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X AN 1/30**
Not Used	**REF03**	**352**	**Description** A free-form description to clarify the related data elements and their content	**X AN 1/80**
	REF04	**C040**	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	**O**
M	**C04001**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification W8 — Suffix	**M ID 2/3**

			Use with REF01 code TN, if applicable, to cite a suffix associated with the cited requisition (document) number.		
M	**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**
Not Used	**C04003**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X**	**ID 2/3**
Not Used	**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**
Not Used	**C04005**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X**	**ID 2/3**
Not Used	**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: ***Use as applicable to enter special markings.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**MAN01**	**88**	**Marks and Numbers Qualifier** Code specifying the application or source of Marks and Numbers (87) Refer to 004010 Data Element Dictionary for acceptable code values.	**M**	**ID 1/2**
M	**MAN02**	**87**	**Marks and Numbers** Marks and numbers used to identify a shipment or parts of a shipment	**M**	**AN 1/48**
	MAN03	**87**	**Marks and Numbers** Marks and numbers used to identify a shipment or parts of a shipment	**O**	**AN 1/48**
	MAN04	**88**	**Marks and Numbers Qualifier** Code specifying the application or source of Marks and Numbers (87) Refer to 004010 Data Element Dictionary for acceptable code values.	**X**	**ID 1/2**
	MAN05	**87**	**Marks and Numbers** Marks and numbers used to identify a shipment or parts of a shipment	**X**	**AN 1/48**
	MAN06	**87**	**Marks and Numbers** Marks and numbers used to identify a shipment or parts of a shipment	**O**	**AN 1/48**

Segment: **DTM** **Date/Time Reference**
Position: 200
Loop: HL Mandatory
Level: Detail
Usage: Optional
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:

1. Use in the 2/HL/010 shipment loop to identify the actual/estimated date of material shipment or service performance when the same date applies to all line items cited in 2/HL/010 line item loops.

2. Used in Embedded loop to record when an item is embedded in and/or removed from its parent UII per IUID policy. The parent UII(s) is/are recorded in 2/REF/150.

3. May be used in the Current Part Number loop to provide the Current Part Number Effective Date. If not provided, the shipment date will be used as the effective date.

4. Used in the Mark loop to identify the date of manufacturer and the date a Mark 'is placed on the item.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**DTM01**	**374**	**Date/Time Qualifier**	**M ID 3/3**
			Code specifying type of date or time, or both date and time	
			Use only one code except for bulk petroleum shipments which may cite codes 011 and 375 together, if applicable.	
			007 Effective	
			1. Use in Part Characteristics loop (HL03 code J) to report the Current Part Number Effective Date. ***2. Use in Mark loop (HL03 code X) to identify the Date the Mark is placed on the item.***	
			011 Shipped	
			Use to indicate that a supply activity has shipped (i.e., the date a shipment was released to a carrier). Also use to indicate the date of a prior shipment when the current shipment consists of items which	

	were short shipped on the prior shipment.
017	Estimated Delivery
050	Received
	Use to indicate the date the item transfer was completed.
094	Manufacture
	Use in Mark loop (HL03 code X) to identify Date of Manufacture.
112	Buyers Dock
	Use to indicate the date and time the vessel moored alongside.
139	Estimated
	Use to indicate the estimated date when a supply will be shipped, (i.e., the estimated date a shipment will be released to a carrier).
150	Service Period Start
	Use to indicate the date and time commenced loading discharge.
151	Service Period End
	Use to indicate the date and time finished loading discharging.
152	Effective Date of Change
	Use for date of modification.
168	Release
	Use to indicate the date and time the vessel was released by the inspector.
183	Connection
	Use to indicate the date and time that the cargo hoses were connected.
196	Start
	Use to indicate the date and time the vessel started ballast discharge.
197	End
	Use to indicate the date and time the vessel finished ballast discharge.
198	Completion
	Use to identify the date the service was performed.
201	Acceptance
242	Actual Start
	Use to indicate the date and time bunkering commenced.

243	Actual Complete
	Use to indicate the date and time bunkering finished.
245	Estimated Completion
	Use to identify the estimated date that a service will be completed or performed.
282	Previous Report
	Use to indicate the date of a previous shipment.
296	Return to Work
	Use to indicate the date and time resumed loading discharging.
318	Added
	Use to indicate the date an item was embedded into another item.
369	Estimated Departure Date
	Use to indicate the estimated date and time the vessel actually left the berth.
370	Actual Departure Date
	Use to indicate the date and time the vessel actually left the berth.
372	Actual Arrival Date
	Use to indicate the date and time the vessel arrived in the roads.
375	Delivery Start
	Use to identify the date bulk petroleum was either loaded on a tanker or barge or the date that pipeline pumping commenced. Use only with Free on Board origin shipments. Use only when there has been one iteration of the DTM segment citing code 011.
376	Delivery End
	Use to indicate the date and time stopped loading discharging.
433	Removed
	Use to indicate the date an embedded item was removed from another item.
458	Certification
	Use to indicate the date certification was made in conjunction with the cited shipment. For example certification of test results.
511	Shelf Life Expiration
515	Notified

			Use to indicate the date of the notice of readiness to load discharge.		
		517	Inspected		
			Use to indicate the date and time the vessel was inspected and ready to load discharge.		
		518	Voucher (Date of)		
		802	Date of Action		
			Use to cite the date of a Value Engineering Change Proposal modification.		
	DTM02	**373**	**Date**	**X**	**DT 8/8**
			Date expressed as CCYYMMDD		
Not Used	**DTM03**	**337**	**Time**	**X**	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	**DTM04**	**623**	**Time Code**	**O**	**ID 2/2**
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	DTM05	**1250**	**Date Time Period Format Qualifier**	**X**	**ID 2/3**
			Code indicating the date format, time format, or date and time format		
			Use to indicate dates in another format.		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	DTM06	**1251**	**Date Time Period**	**X**	**AN 1/35**
			Expression of a date, a time, or range of dates, times or dates and times		

Segment: **FOB** **F.O.B. Related Instructions**

Position: 210

Loop: HL Mandatory

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify transportation instructions relating to shipment

Syntax Notes:
1 If FOB03 is present, then FOB02 is required.
2 If FOB04 is present, then FOB05 is required.
3 If FOB07 is present, then FOB06 is required.
4 If FOB08 is present, then FOB09 is required.

Semantic Notes:
1 FOB01 indicates which party will pay the carrier.
2 FOB02 is the code specifying transportation responsibility location.
3 FOB06 is the code specifying the title passage location.
4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**FOB01**	**146**	**Shipment Method of Payment** Code identifying payment terms for transportation charges Refer to 004010 Data Element Dictionary for acceptable code values.	**M**	**ID 2/2**
	FOB02	**309**	**Location Qualifier** Code identifying type of location DE Destination (Shipping) IT Intermediate FOB Point OR Origin (Shipping Point)	**X**	**ID 1/2**
Not Used	**FOB03**	**352**	**Description** A free-form description to clarify the related data elements and their content	**O**	**AN 1/80**
Not Used	**FOB04**	**334**	**Transportation Terms Qualifier Code** Code identifying the source of the transportation terms	**O**	**ID 2/2**
Not Used	**FOB05**	**335**	**Transportation Terms Code** Code identifying the trade terms which apply to the shipment transportation responsibility	**X**	**ID 3/3**
Not Used	**FOB06**	**309**	**Location Qualifier** Code identifying type of location	**X**	**ID 1/2**
Not Used	**FOB07**	**352**	**Description** A free-form description to clarify the related data elements and their content	**O**	**AN 1/80**

Not Used	**FOB08**	**54**	**Risk of Loss Code** Code specifying where responsibility for risk of loss passes	**O**	**ID 2/2**
Not Used	**FOB09**	**352**	**Description** A free-form description to clarify the related data elements and their content	**X**	**AN 1/80**

Segment: **N1** **Name**
Position: 220
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments:
1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes:
1. Use the 2/N1/220 loop in 2/HL/010 address loops to identify: a) the party originating the transaction set; b) an Automated Data Processing Point as specified in the contract for a party receiving the transaction set; and c) the Ship -To, ultimate recipient, or service performance locations when the same address applies to all line items in the 2/HL/010 shipment loops.

2. Use the 2/N1/220 loop in 2/HL/010 line item loops to identify addresses that vary by line item.

3. Use the 2/N1/220 loop in 2/HL/010 address loop to identify the Ship-To, ultimate recipient, or services performance location when the same address applies to all lines cited in the 2/HL/010 line item loops (when used by Defense Contract Management Agency in preparing a Shipment Performance Notice).

4. Use other listed codes, as appropriate, in loops to which they are applicable.

5. Use the WAWF-RA Implementation Guide for WAWF-RA specific addressing instructions.

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	
			28 Subcontractor	
			31 Postal Mailing Address	
			Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in	

	N102 and the N2 segment, if necessary.
42	Component Manufacturer
	Use in Mark loop (HL03 code X).
61	Performed At
	Use to indicate the place of performance when it is other than the contractor's mailing address.
7D	Contracting Officer Representative
7G	Hazardous Material Office
7H	Government Furnished Property FOB Point
7M	Inspection and Acceptance Location
7P	Transportation Office
92	Support Party
	Use to indicate a secondary Contract Administration Office.
9P	Investigator
AA	Authority For Shipment
	Use to indicate the authority when required for other types of shipments such as, missing National Stock Number, missing components, etc. Use 2/PER/270 if additional details are required for the authority.
AAU	Marker Owner
	Use in Mark loop (HL03 code X) to identify the Mark Owner, who represents the entity/activity that added the Mark to an item.
AE	Additional Delivery Address
	Use to indicate a shipment in-place location.
AG	Agent/Agency
AQ	Account of (Destination Party)
	Use with BSN06 Code TS to indicate the accountable party if different from the Ship-to location (code ST).
B2	Other Unlisted Type of Organizational Entity
BT	Bill-to-Party
	Use to indicate the party who will provide reimbursement for the payment of a contractor's invoice. This is an internal government billed party and not the party the contractor bills. Use is discouraged. Use only when the contractor or other party receiving the order or a copy of the order, needs to receive this information.
BY	Buying Party (Purchaser)

C4	Contract Administration Office
	Use to identify the Administered By activity.
C9	Contract Holder
	Use to indicate the party to whom a contract is awarded if other than the selling party, e.g. The Small Business Administration for a Section 8A award. The contract number awarded by the SBA is cited in PRF06.
CJ	Automated Data Processing (ADP) Point
CY	Country
FR	Message From
	Use to identify the party originating the transaction set.
IAO	Manager
	Use with BSN06 Code TS to indicate the Program Manager of the Government Property.
IC	Intermediate Consignee
	Use to indicate a freight forwarder.
IS	Party to Receive Certified Inspection Report
KA	Item Manager
	Use to indicate the government inventory manager.
KF	Audit Office
KG	Project Manager
	Use to indicate the party responsible for a project to include the advisor under a Grant.
KK	Registering Party
KO	Plant Clearance Officer
KX	Free on Board Point
	Use to indicate the Free on Board point when it has to be described by a specific address rather than as a code value indicating either origin or destination.
KY	Technical Office
	Use to indicate the technical office that has cognizance over the technical portion of the order, if different than the office originating the order. Do not use unless it is intended for the contractor to deal directly with the cited party.
KZ	Acceptance Location
	Use to indicate acceptance is at other than origin or destination.
L1	Inspection Location

	Use to indicate the inspection location when it has to be described as an address.
OI	Outside Inspection Agency
	Use to indicate the inspection agency is other than the Contract Administration Office.
PA	Party to Receive Inspection Report
PC	Party to Receive Cert. of Conformance (C.A.A.)
PG	Prime Contractor
	Use with BSN06 Code TS to indicate the prime contractor of the contract under which the item is Government Furnished Property. In N103, use only codes 1 (DUNS), 10 (DoDAAC), and 33 (CAGE).
PL	Party to Receive Purchase Order
	Use to indicate entities other than the contractor that are to receive copies of the award instrument.
PN	Party to Receive Shipping Notice
	Use for bulk petroleum shipments only when TD504 cites code ZZ, to identify other parties to receive a shipment notice.
PO	Party to Receive Invoice for Goods or Services
	Use to indicate where the invoice should be sent.
PR	Payer
	Use to identify the Payment Will be Made by Activity.
PW	Pick Up Address
PZ	Party to Receive Equipment
	Use to indicate the address to which a cited container is to be returned.
R6	Requester
	Use to indicate the requesting agency/activity.
RG	Responsible Installation, Origin
	Use to indicate the code of the Acceptance Point when other than the source.
RI	Remit To
	Use to indicate the place to send payment if it is different from the contractor's address, e.g., a bank, financial office location, etc.
SE	Selling Party
	Use to identify the Prime Contractor.
SF	Ship From
	Use to indicate the Ship From activity (shipping

			point).
		SH	Shipper
			Use to indicate the Shipper.
		SM	Party to Receive Shipping Manifest
		ST	Ship To
			Use to indicate the Ship-to location. Do not use for service line items when there is no shipment of material. Use the 2/SDQ/290 segment to identify multiple ship-to consignees for a single bulk petroleum delivery order.
		SU	Supplier/Manufacturer
		SV	Service Performance Site
			Use to identify the performance location if other than the contractor's site (e.g., the Quality Assurance Representative's site). Use as many occurrences as necessary to cite if applicable, multiple performance locations. Do not use when the service performance site is the same location as the prime contractor (i.e., code N101 = SE). In that case, use N106 citing code SV to indicate that the service performance location is the same location as that of the prime contractor.
		TO	Message To
			Use to identify the party to receive the transaction set.
		TS	Party to Receive Certified Test Results
		VN	Vendor
		X2	Party to Perform Packaging
		Z4	Owning Inventory Control Point
		Z7	Mark-for Party
			Use as needed to identify Mark for Party. If necessary, use 2/REF01/150, code ZZ, to provide any additional comments associated with the Mark for Party.
		ZD	Party to Receive Reports
N102	**93**	**Name**	**X AN 1/60**
		Free-form name	
		Use as necessary, to indicate the name of the activity cited in N101. When that party can be identified by a code value in N104, it is not necessary to provide the name. If additional characters are required to cite the full name, truncate at a logical point and use the N2 segment for the additional name information. When the title of the party performing Quality Assurance at destination is provided, carry that	

information in an iteration of the N2 segment. When N101 cites code 7H and the Free on Board point is a vessel, use to indicate, as applicable, the name of the port city.

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

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

1	D-U-N-S Number, Dun & Bradstreet
	Use to indicate the Dun and Bradstreet Number.
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
10	Department of Defense Activity Address Code (DODAAC)
	Use to indicate the Department of Defense Activity Address Code of the activity cited in N101. Use when N101 cites one of codes C4, FR PN, PR, PZ, RG, ST, or Z7.
14	UCC/EAN Location Code Prefix
	Use to identify the UCC/EAN Company Prefix. Enter the prefix value (0-9) in the N104.
21	Health Industry Number (HIN)
	When used in the Mark loop (HL03 code X), use to identify the European Health Industry Business Communications Council (EHIBCC) Number.
31	Bank Identification Code
33	Commercial and Government Entity (CAGE)
	Use to identify the contractor issuing the shipment notice. Use when N101 is one of codes FR, SE, SF, ST, or SV.
41	Telecommunications Carrier Identification Code
	When used in the Mark loop (HL03 code X), use to identify the American National Standard for Telecommunications Information Interchange - Coded Representation of the North American Telecommunication Industry Manufacturers, Suppliers, and Related Service Companies (ANSI T1.220) value.
A2	Military Assistance Program Address Code (MAPAC)
	Use to identify a Foreign Military Sale/Grant Aid Ship-To or Mark-For address. Use when N101 is code ST.
FI	Federal Taxpayer's Identification Number
M4	Department of Defense Routing Identifier Code (RIC)
	Use only with the Military Standard Petroleum

			System (MILSPETS).		
		UR	Uniform Resource Locator (URL)		
		ZN	Zone		
		ZY	Temporary Identification Number		
		ZZ	Mutually Defined		
N104	**67**	**Identification Code**		**X**	**AN 2/80**
		Code identifying a party or other code			
		Use to cite the actual Dun and Bradstreet, Dun and Bradstreet + 4, Department of Defense Activity Address Code, Commercial and Government Entity Code or Military Assistance Program Address Code of the activity cited in N101, as signaled in N103.			
N105	**706**	**Entity Relationship Code**		**O**	**ID 2/2**
		Code describing entity relationship			
N106	**98**	**Entity Identifier Code**		**O**	**ID 2/3**
		Code identifying an organizational entity, a physical location, property or an individual			
		FR	Message From		
			Use to indicate that the organization cited in N104 transmitted the transaction set.		
		PK	Party to Receive Copy		
		SV	Service Performance Site		
			Use when N101 cites code SE to indicate that the service performance location is the same as that cited for the contractor. Do not use when the service performance site is different from that given for the contractor. In that case, there should be a separate occurrence of the N1 segment with N101 citing code SV, to indicate the service performance location.		
		TO	Message To		
			Use to indicate that the organization cited in N104 is to receive the transaction set.		

Segment: **N2** **Additional Name Information**
Position: 230
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: ***Use, as applicable, to indicate additional name information for the party cited in N101, when the size of the name is greater than the space allocated in N102.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**N201**	**93**	**Name** Free-form name	**M**	**AN 1/60**
	N202	**93**	**Name** Free-form name	**O**	**AN 1/60**

Segment: **N3** **Address Information**
Position: 240
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: ***Use to indicate the number of the building, the name of the street, suite numbers, if applicable, and any other address information. Use N302 if additional space is required.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**N301**	**166**	**Address Information** Address information	**M AN 1/55**
	N302	**166**	**Address Information** Address information	**O AN 1/55**

Segment: **N4** **Geographic Location**
Position: 250
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: **1** If N406 is present, then N405 is required.
Semantic Notes:
Comments: **1** A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	**19**	**City Name** Free-form text for city name	**O**	**AN 2/30**
N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**O**	**ID 2/2**
N403	**116**	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States) ***Do not use a dash in the zip code.***	**O**	**ID 3/15**
N404	**26**	**Country Code** Code identifying the country ***Use only when other than the United States.***	**O**	**ID 2/3**
N405	**309**	**Location Qualifier** Code identifying type of location AR Armed Services Location Designation ***Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO)***	**X**	**ID 1/2**
N406	**310**	**Location Identifier** Code which identifies a specific location	**O**	**AN 1/30**

Segment: **REF** **Reference Identification**
Position: 260
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 12
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:
1. Use to cite a vendor identification number.

2. Use to indicate a project code as part of a Mark-For address.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**REF01**	**128**	**Reference Identification Qualifier**		**M ID 2/3**
			Code qualifying the Reference Identification		
			16	Military Interdepartmental Purchase Request (MIPR) Number	
			AL	Accounting (Equipment) Location Number	
			BB	Authorization Number	
				Use as applicable to indicate an authorization number for shipment.	
			BL	Government Bill of Lading	
				Use to identify all Government Bill of Lading numbers associated with the shipment cited in BSN02. Do not use for service line items when there is no shipment of material.	
			BM	Bill of Lading Number	
				Use to identify a commercial bill of lading number. Do not when there is no shipment of material.	
			C7	Contract Line Item Number	
				Use to indicate the contract line item number.	
			P4	Project Code	
				Use to indicate the project code only when 2/N1/220, N101 cites Code Z7.	
			SI	Shipper's Identifying Number for Shipment (SID)	
				Use to indicate the identity number of the shipper.	

			TG	Transportation Control Number (TCN) ***Use to identify the Transportation Control Number. Do not use for service line items when there is no shipment of material.***	
			TN	Transaction Reference Number ***Use to indicate the transaction number (i.e., the requisition number).***	
			VR	Vendor ID Number ***Use only for Navy paid base level contracts.***	
	REF02	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**
Not Used	**REF03**	**352**	**Description** A free-form description to clarify the related data elements and their content	**X**	**AN 1/80**
	REF04	**C040**	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	**O**	
M	**C04001**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**M**	**ID 2/3**
			W8 Suffix ***Use with REF01 code TN, if applicable, to cite a suffix associated with a cited requisition (document) number.***		
M	**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**
Not Used	**C04003**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X**	**ID 2/3**
Not Used	**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**
Not Used	**C04005**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X**	**ID 2/3**
Not Used	**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: **PER** **Administrative Communications Contact**

Position: 270

Loop: N1 Optional

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: ***Use to indicate the name and title of a contractor party making a certification or authorization.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**PER01**	**366**	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named AL Alternate Contact AS Authorized Signature ***Use to indicate an authorized signature.*** CE Certifier ***Use to indicate the signature of the party making the certification.*** IC Information Contact ***Use to indicate a general point of contact for information applicable to the DD Form 250.***	**M ID 2/2**
	PER02	**93**	**Name** Free-form name ***1. When PER01 cites codes CE or AS, use to indicate the name of the party making the certification or authorization.*** ***2. When PER01 cites IC for WAWF, enter WAWF USERID in PER02.***	**O AN 1/60**
	PER03	**365**	**Communication Number Qualifier** Code identifying the type of communication number AU Defense Switched Network EM Electronic Mail FT Federal Telecommunications System (FTS) FX Facsimile	**X ID 2/2**

		IT	International Telephone	
		TE	Telephone	
PER04	**364**	**Communication Number**	**X**	**AN 1/80**
		Complete communications number including country or area code when applicable		
PER05	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**
		Code identifying the type of communication number		
		AU	Defense Switched Network	
		EM	Electronic Mail	
		EX	Telephone Extension	
			When used, there must be a previous communication number citing either a national or international telephone number.	
		FT	Federal Telecommunications System (FTS)	
		FX	Facsimile	
		IT	International Telephone	
		TE	Telephone	
PER06	**364**	**Communication Number**	**X**	**AN 1/80**
		Complete communications number including country or area code when applicable		
PER07	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**
		Code identifying the type of communication number		
		AU	Defense Switched Network	
		EM	Electronic Mail	
		EX	Telephone Extension	
			When used, there must be a previous communication number citing either a national or international telephone number.	
		FT	Federal Telecommunications System (FTS)	
		FX	Facsimile	
		IT	International Telephone	
		TE	Telephone	
PER08	**364**	**Communication Number**	**X**	**AN 1/80**
		Complete communications number including country or area code when applicable		
PER09	**443**	**Contact Inquiry Reference**	**O**	**AN 1/20**
		Additional reference number or description to clarify a contact number		
		When PER01 cites code CE (Certifier), use to indicate the title of the party making the certification.		

Segment: **SDQ** **Destination Quantity**
Position: 290
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 50
Purpose: To specify destination and quantity detail
Syntax Notes:
1 If either SDQ05 or SDQ06 is present, then the other is required.
2 If either SDQ07 or SDQ08 is present, then the other is required.
3 If either SDQ09 or SDQ10 is present, then the other is required.
4 If either SDQ11 or SDQ12 is present, then the other is required.
5 If either SDQ13 or SDQ14 is present, then the other is required.
6 If either SDQ15 or SDQ16 is present, then the other is required.
7 If either SDQ17 or SDQ18 is present, then the other is required.
8 If either SDQ19 or SDQ20 is present, then the other is required.
9 If either SDQ21 or SDQ22 is present, then the other is required.
Semantic Notes:
1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.
Comments:
1 SDQ02 is used only if different than previously defined in the transaction set.
2 SDQ03 is the store number.
3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.
Notes:
1. Use, as needed, in 2/HL/010 line item loops to identify multiple original consignees of both supplies and a single bulk petroleum delivery order and the estimated delivery quantities to each original consignee. Quantities cited must total the quantity shipped as identified in 2/SN1/030.

2. Use in 2/HL/010 RFID Content/Quantity loop to identify a CLIN/SubCLIN/ELIN and applicable quantity contained in the container or pallet associated with the RFID identified in the parent loop. Use Identification Code/Quantity pairs for each line item/quantity combination applicable to the RFID identified in the parent loop.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**SDQ01**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken ***1. Use any code other than code ZZ to identify the purchase unit. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.*** ***2. Use Code UL for bulk fuels only to satisfy the X12 standards when the unit of issue is not provided. The receiving application software***	**M ID 2/2**

			does not use this data element. ***3. Use Code ZZ as filler in 2/HL/010 RFID loops to satisfy the X12 standards syntax.***		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	SDQ02	**66**	**Identification Code Qualifier**	**O**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			1. This qualifier applies to all entries using data element 67 (SDQ03, 05, etc.) in 2/HL/010 line item loops. ***2. Not applicable in 2/HL/010 RFID loop.***		
			1 D-U-N-S Number, Dun & Bradstreet		
			Use to indicate a Dun and Bradstreet number.		
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			10 Department of Defense Activity Address Code (DODAAC)		
			33 Commercial and Government Entity (CAGE)		
			Used to indicate the contractor issuing the ship notice.		
			A2 Military Assistance Program Address Code (MAPAC)		
			Use to identify the Foreign Military Sale/Grant Aid Ship-To or Mark-For address.		
			FI Federal Taxpayer's Identification Number		
			ZY Temporary Identification Number		
M	**SDQ03**	**67**	**Identification Code**	**M**	**AN 2/80**
			Code identifying a party or other code		
			Use in 2/HL/10 RFID/pack loop to associate a CLIN/SubCLIN/ELIN with the RFID tag value.		
M	**SDQ04**	**380**	**Quantity**	**M**	**R 1/15**
			Numeric value of quantity		
			Use in 2/HL/10 RFID loop to identify the quantity of the SDQ03 line item contained in the pack layer identified by parent RFID loop		
	SDQ05	**67**	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
	SDQ06	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
	SDQ07	**67**	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
	SDQ08	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		

SDQ09	**67**	**Identification Code** Code identifying a party or other code	**X**	**AN 2/80**
SDQ10	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
SDQ11	**67**	**Identification Code** Code identifying a party or other code	**X**	**AN 2/80**
SDQ12	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
SDQ13	**67**	**Identification Code** Code identifying a party or other code	**X**	**AN 2/80**
SDQ14	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
SDQ15	**67**	**Identification Code** Code identifying a party or other code	**X**	**AN 2/80**
SDQ16	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
SDQ17	**67**	**Identification Code** Code identifying a party or other code	**X**	**AN 2/80**
SDQ18	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
SDQ19	**67**	**Identification Code** Code identifying a party or other code	**X**	**AN 2/80**
SDQ20	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
SDQ21	**67**	**Identification Code** Code identifying a party or other code	**X**	**AN 2/80**
SDQ22	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
SDQ23	**310**	**Location Identifier** Code which identifies a specific location	**O**	**AN 1/30**

Segment: **CUR** **Currency**

Position: 310

Loop: HL Mandatory

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Syntax Notes:

1 If CUR08 is present, then CUR07 is required.
2 If CUR09 is present, then CUR07 is required.
3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4 If CUR11 is present, then CUR10 is required.
5 If CUR12 is present, then CUR10 is required.
6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7 If CUR14 is present, then CUR13 is required.
8 If CUR15 is present, then CUR13 is required.
9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10 If CUR17 is present, then CUR16 is required.
11 If CUR18 is present, then CUR16 is required.
12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13 If CUR20 is present, then CUR19 is required.
14 If CUR21 is present, then CUR19 is required.

Semantic Notes:

Comments:

1 See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**CUR01**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	**M**	**ID 2/3**
M	**CUR02**	**100**	**Currency Code** Code (Standard ISO) for country in whose currency the charges are specified	**M**	**ID 3/3**
Not Used	**CUR03**	**280**	**Exchange Rate** Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	**O**	**R 4/10**
Not Used	**CUR04**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual	**O**	**ID 2/3**
Not Used	**CUR05**	**100**	**Currency Code** Code (Standard ISO) for country in whose currency the charges are specified	**O**	**ID 3/3**
Not Used	**CUR06**	**669**	**Currency Market/Exchange Code**	**O**	**ID 3/3**

			Code identifying the market upon which the currency exchange rate is based		
Not Used	**CUR07**	**374**	**Date/Time Qualifier**	**X**	**ID 3/3**
			Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	**CUR08**	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		
Not Used	**CUR09**	**337**	**Time**	**O**	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	**CUR10**	**374**	**Date/Time Qualifier**	**X**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
Not Used	**CUR11**	**373**	**Date**	**X**	**DT 8/8**
			Date expressed as CCYYMMDD		
Not Used	**CUR12**	**337**	**Time**	**X**	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	**CUR13**	**374**	**Date/Time Qualifier**	**X**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
Not Used	**CUR14**	**373**	**Date**	**X**	**DT 8/8**
			Date expressed as CCYYMMDD		
Not Used	**CUR15**	**337**	**Time**	**X**	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	**CUR16**	**374**	**Date/Time Qualifier**	**X**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
Not Used	**CUR17**	**373**	**Date**	**X**	**DT 8/8**
			Date expressed as CCYYMMDD		
Not Used	**CUR18**	**337**	**Time**	**X**	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		

Not Used	**CUR19**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time	**X**	**ID 3/3**
Not Used	**CUR20**	**373**	**Date** Date expressed as CCYYMMDD	**X**	**DT 8/8**
Not Used	**CUR21**	**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)	**X**	**TM 4/8**

Segment: **SAC** **Service, Promotion, Allowance, or Charge Information**

Position: 320

Loop: SAC Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:

1 At least one of SAC02 or SAC03 is required.

2 If either SAC03 or SAC04 is present, then the other is required.

3 If either SAC06 or SAC07 is present, then the other is required.

4 If either SAC09 or SAC10 is present, then the other is required.

5 If SAC11 is present, then SAC10 is required.

6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.

7 If SAC14 is present, then SAC13 is required.

8 If SAC16 is present, then SAC15 is required.

Semantic Notes:

1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.

2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.

3 SAC08 is the allowance or charge rate per unit.

4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.

5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.

6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

7 SAC16 is used to identify the language being used in SAC15.

Comments:

1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.

2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes:

1. When using 2/SAC/320 to indicate prompt payment discount data, use a second iteration of 2/SAC/320 to indicate a second discount period if applicable.

2. Use to indicate when a shipment is made under Certificate of Conformance terms.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**SAC01**	**248**	**Allowance or Charge Indicator**	**M ID 1/1**

			Code which indicates an allowance or charge for the service specified		
			A Allowance		
			Use when a discount is offered.		
			C Charge		
			N No Allowance or Charge		
			Use with code B020 in SAC02 to indicate a shipment is made under Certificate of Conformance terms.		
	SAC02	**1300**	**Service, Promotion, Allowance, or Charge Code**	**X**	**ID 4/4**
			Code identifying the service, promotion, allowance, or charge		
			B020 Certificate of Conformance		
			Use to indicate when contract terms provide for use of Certificate of Conformance, and shipment is made under those terms.		
			B050 Certification		
			C310 Discount		
			Use to indicate a discount is provided.		
			D120 Foreign Military Sales (FMS) Special Charge		
			D240 Freight		
			Use to indicate freight charges. Identify the amount of the charge in SAC05.		
			G510 Returnable Container		
Not Used	**SAC03**	**559**	**Agency Qualifier Code**	**X**	**ID 2/2**
			Code identifying the agency assigning the code values		
Not Used	**SAC04**	**1301**	**Agency Service, Promotion, Allowance, or Charge Code**	**X**	**AN 1/10**
			Agency maintained code identifying the service, promotion, allowance, or charge		
	SAC05	**610**	**Amount**	**O**	**N2 1/15**
			Monetary amount		
			Use to indicate the amount applicable.		
	SAC06	**378**	**Allowance/Charge Percent Qualifier**	**X**	**ID 1/1**
			Code indicating on what basis allowance or charge percent is calculated		
			4 Discount/Net		
			Use to indicate the discount basis cited in SAC07 and the net terms days in SAC10/11.		
	SAC07	**332**	**Percent**	**X**	**R 1/6**
			Percent expressed as a percent		
			Use to indicate the percent discount offered in the contract for prompt payment. Example 2 = 2%, 5 = 5%, and 10 = 10%.		
Not Used	**SAC08**	**118**	**Rate**	**O**	**R 1/9**

			Rate expressed in the standard monetary denomination for the currency specified		
	SAC09	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken ***Use to indicate the units for the discount basis.*** DA Days ***Use to indicate the discount is based on a number of days.***	**X**	**ID 2/2**
	SAC10	**380**	**Quantity** Numeric value of quantity ***Use to indicate the number of days applicable to the term discount. Example, 2/10 indicates a 2% discount is given if the invoice is paid within 10 days.***	**X**	**R 1/15**
	SAC11	**380**	**Quantity** Numeric value of quantity ***Use to indicate net payment period. Example: net 30 indicates the invoice amount is due within 30 days.***	**O**	**R 1/15**
Not Used	**SAC12**	**331**	**Allowance or Charge Method of Handling Code** Code indicating method of handling for an allowance or charge	**O**	**ID 2/2**
Not Used	**SAC13**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**
Not Used	**SAC14**	**770**	**Option Number** A unique number identifying available promotion or allowance options when more than one is offered	**O**	**AN 1/20**
	SAC15	**352**	**Description** A free-form description to clarify the related data elements and their content ***Cite the letter E when the amount of the discount cited in SAC05 is an estimate.***	**X**	**AN 1/80**
Not Used	**SAC16**	**819**	**Language Code** Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	**O**	**ID 2/3**

Segment: **GF** **Furnished Goods and Services**

Position: 330

Loop: HL Mandatory

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify information related to furnished material, equipment, property, information, and services

Syntax Notes:
1 If either GF01 or GF02 is present, then the other is required.
2 If either GF05 or GF06 is present, then the other is required.
3 If either GF08 or GF09 is present, then the other is required.

Semantic Notes:
1 GF04 is the value of government-furnished property.

Comments:

Notes: ***Use in the 2/HL/010 shipment loop to identify the contract number(s) under which the items are Government Furnished Property.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**GF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X**	**ID 2/3**
Not Used	**GF02**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**
	GF03	**367**	**Contract Number** Contract number ***Identifies the Procurement Instrument Identification Number under which the item was provided as Government Furnished Property. Use only when transferring Government Furnished Property from a Contractor to the Government, from a Contractor to another Contractor, or from one contract to another contract without changing the prime contractor. If the transfer moves the item from one contract to another contract, this is the contract from which the item was transferred.*** ***For Government to Government Transfers, identifies the Procurement Instrument Identification Number under which the item was transferred from one Government activity to another.***	**O**	**AN 1/30**
Not Used	**GF04**	**782**	**Monetary Amount** Monetary amount	**O**	**R 1/18**
	GF05	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification CT Contract Number	**X**	**ID 2/3**
	GF06	**127**	**Reference Identification**	**X**	**AN 1/30**

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

Identifies the Procurement Instrument Identification Number under which the item was provided as Government Furnished Property. Use only when transferring Government Furnished Property from Government to Contractor, from Contractor to another Contractor, or from one contract to another contract without changing the prime Contractor. If the transfer moves the item from one contract to another contract, this is the contract to which the item was transferred.

GF07	**328**	**Release Number**	**O**	**AN 1/30**

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Use to identify the Supplemental Procurement Instrument Identification Number under which the item was provided as Government Furnished Property. Use only when transferring Government Furnished Property from a Contractor to the Government, from a Contractor to another Contractor, or from one contract to another contract without changing the prime contractor. If the transfer moves the item from one contract to another contract, this is the contract from which the item was transferred.

For Government to Government Transfers, identifies the Supplemental Procurement Identification Number under which the item was transferred from one Government activity to another.

GF08	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**

Code qualifying the Reference Identification

RE	Release Number

GF09	**127**	**Reference Identification**	**X**	**AN 1/30**

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

Use to identify the Supplemental Procurement Instrument Identification Number under which the item was provided as Government Furnished Property. Use only when transferring Government Furnished Property from Government to Contractor, from Contractor to another Contractor, or from one contract to another contract without changing the prime Contractor. If the transfer moves the item from one contract to another contract, this is the contract to which the item was transferred.

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: ***Use the 2/LM/340 loop in the 2/HL/010 shipment loop to identify, as applicable, the contract shipment advice, transaction status indicator, supply condition code, and management code, as Department of Defense coded data, and the Document Identifier Code (DIC) when the same code applies to all line items cited in 2/HL/010 line item loops. Use the 2/LM/340 loop in 2/HL/010 line item loops when the codes vary by line item.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**LM01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values DF Department of Defense (DoD) DO United States Department of Transportation (DOT) EP United States Environmental Protection Agency (EPA) FG Federal Government GS General Services Administration (GSA) ZZ Mutually Defined ***Use to indicate an agency that is not otherwise listed.***	**M ID 2/2**
	LM02	**822**	**Source Subqualifier** A reference that indicates the table or text maintained by the Source Qualifier ***Used by parties other than the Department of Defense to cite a code source listed in Appendix A of the X12 Directories.***	**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: ***Use to identify codes, as appropriate, consistent with management information requirements.***

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LQ01	**1270**	**Code List Qualifier Code** Code identifying a specific industry code list	**O ID 1/3**
		0 Document Identification Code	
		6 Special Contract Provision Code ***Use to indicate special contract provisions applicable to the shipment.***	
		7 Quality Assurance Site Code ***Use to indicate the quality assurance performance location.***	
		8 Acceptance Site Code ***Use to indicate the acceptance site.***	
		9 Indicator Code ***Use to indicate Fast Pay terms.***	
		10 Transaction Status Indicator Code ***Use to identify the status of supply and service shipment notices. Do not use for cancellations or corrections. Those codes will be cited in 1/BSN01/020.***	
		14 Contract Shipment Advice Code ***Use as required to identify contract shipment advice information for supply and service shipment notices.***	
		16 Cash Discount Stipulation Code ***Use to indicate that a shipment involves discount payment terms.***	
		83 Supply Condition Code ***Use to identify the supply condition of bulk***	

petroleum shipments.

84 Management Code

Use with Defense Logistics Management System bulk petroleum shipments only.

LQ02 1271 Industry Code X AN 1/30

Code indicating a code from a specific industry code list

1. When preparing an internal Department of Defense transaction, and when LQ01 cites code 0, cite one of document identifier codes PJJ, PJR or PK5.

2. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 6, use only code A (Liquidated Damages). For others, use as many of these codes as are appropriate: A (Liquidated Damages), E (Government furnished property was part of the contract) or K (Bond bailment for DSCP clothing contracts).

3. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 7, use one of these codes: D (Destination) or S (Origin, Source).

4. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 8, use one of these codes: D (Destination) or S (Origin, Source).

5. When preparing a Defense Logistics Management System shipment performance notice, and when LQ01 is code 10, use as many of these codes as applicable: G (Ship-To code differs from contract), H (Stock number/part number differs from contract), L (MILSTRIP document number differs from contract), P (Final quantity shipped exceeds quantity variance for the cited CLIN), Q (Mark-for differs from contract), S (Two or more of the ship-to, mark-for, MILSTRIP document number do not match the contract), T (Quantity shipped exceed the on-order quantity and the stock/part number differ from the contract).

6. When preparing a Defense Logistics Management System shipment performance notice, and when LQ01 is code 14, use, as applicable only one of the codes: A (Components missing), B (Missing components furnished), C (Quantity increase), D (Quantity decrease), E (Replacement shipment), F (Shipped and held in bond at contractor's plant), G (Shipped and held as GFP), H (Shipped or performed as indicated), and Z (Underrun quantity). While multiple codes can be transmitted, only one will be converted to an 80-column record in the Defense Logistics Management System.

7. When LQ01 is code 16, use one of the following codes: D (Discount), or N (No discount).

8. When preparing a shipment notice, and when LQ01 is code 9, use the following code: F (Fast Pay).

9. Use LQ01 code 83 only for Defense Logistics Management System bulk petroleum shipments to identify the supply condition.

10. Use LQ01 code 84 only for Defense Logistics Management System bulk petroleum shipments to identify management coded data.

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.

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	**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 ***Cite the same number as the one cited in ST02.***	**M AN 4/9**