856 Ship Notice/Manifest

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 Defense Enterprise Data Standards Office (DEDSO) Website at https://www.dla.mil/HQ/InformationOperations/DLMS/eApplications/dlmsansiconverguides/

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

12. This transaction may be used to report Unique Identification (IUID) information to iRAPT. Refer to the IUID Website at URL: http://www.acq.osd.mil/dpap/pdi/uid/index.html 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.

14. This revision to the DLMS IC incorporates Proposed DLMS Change and Approved DLMS Change (ADC) listed. PDCs/ADCs are available from the DEDSO Web site: http://www.dla.mil/HQ/InformationOperations/DLMS/eLibrary/Changes/processchanges/

- ADC 1335, Wide Area Work Flow (WAWF) Changes to Support Purchase Card Receiving Report and Property Book Identifier
- ADC 1345 Administrative Update to Convert Federal 856 ASN, 857, 861 and 997 to DLMS ICs). ADC 1345 Converts Federal IC 856 (ASN) to a DLMS IC, 856 (ASN). No transaction usage changes are made by ADC 1345.
- Administrative Update to Reflect Realignment of Enterprise Business Standards Office (EBSO) to Defense Enterprise Data Standards Office (DEDSO) - Completed on April 14, 2022
- ADC 1412, Replacement of Data Universal Numbering System Number with Unique Entity Identifier and Electronic Funds Transfer Indicator to Wide Area Workflow

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		
50	140	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	145	TSD	Trailer Shipment Details	O	1		
53	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		
70	180	REF	Reference Identification	O	200		
Not Used	185	DTP	Date or Time or Period	O	1		
72	190	MAN	Marks and Numbers	O	>1		
73	200	DTM	Date/Time Reference	O	10		
77	210	FOB	F.O.B. Related Instructions	O	1		
Not Used	215	PAL	Pallet Information	O	1		
			LOOP ID - N1			200	
78	220	N1	Name	O	1		
86	230	N2	Additional Name Information	O	2		
87	240	N3	Address Information	O	2		
88	250	N4	Geographic Location	O	1		

89	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	
99	320	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	325	CUR	Currency	O	1		
102	330	GF	Furnished Goods and Services	O	1		
Not Used	335	YNQ	Yes/No Question	O	10		
			LOOP ID - LM			10	
104	340	LM	Code Source Information	O	1		
105	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
108	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**	

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).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			856 Ship Notice/Manifest	
M	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			A unique number assigned by the originator of the transaction set, or the originator's application program.	

	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.

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 iRAPT, use to indicate a "Void Only" submission.

05	Replace

For iRAPT, 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 iRAPT, 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.

	Ref. Des.	Data Element	Name	Attributes
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 iRAPT. Not used for submissions to iRAPT.

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 iRAPT. The contractor will be notified by an automated email from iRAPT 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, iRAPT 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:					

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

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.

	Ref. Des.	Data Element	Name	Attributes	
	DTM02	373	**Date**	X	DT 8/8

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.

	Ref. Des.	Data Element	Name	Attributes	
	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)

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.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	DTM04	623	**Time Code**	O	ID 2/2

Not Used	DTM05	1250	**Date Time Period Format Qualifier**	X	ID 2/3
Not Used	DTM06	1251	**Date Time Period**	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:	

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 iRAPT, 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 iRAPT, 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.

	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 iRAPT, 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.

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 |

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

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	O AN 1/20

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.

| 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

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)
	Use to identify title or unique edition of product by ISBN. The ISBN is a variable length alpha numeric code with maximum of 13 positions.
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		
			Use on FMS Receiving Reports to identify the applicable Military Articles & Services List (MASL) description. The MASL is a catalog of descriptive codes and text used to identify materiel and services available to be transferred to foreign governments and international organizations.		

| 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** | **X** | **AN 1/48** |

Identifying number for a product or service

| **LIN30** | **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.

| **LIN31** | **234** | **Product/Service ID** | **X** | **AN 1/48** |

Identifying number for a product or service

Segment:		**SN1** Item Detail (Shipment)			

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.

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**	**O** **AN 1/20**
			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.	
M	**SN102**	**382**	**Number of Units Shipped**	**M** **R 1/10**
			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.

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** |
| Not Used | SN108 | 668 | **Line Item Status Code** | **O** | **ID 2/2** |

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.

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**	M	AN 1/20

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.

	SLN02	350	**Assigned Identification**	O	AN 1/20

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.

M	SLN03	662	**Relationship Code**	M	ID 1/1

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.

	SLN04	380	**Quantity**	X	R 1/15

Numeric value of quantity

1. This will always be "1" in UID and Embedded loops.

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
Not Used	C00103	649	Multiplier	O	R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code	O	ID 2/2
Not Used	C00105	1018	Exponent	O	R 1/15
Not Used	C00106	649	Multiplier	O	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code	O	ID 2/2
Not Used	C00108	1018	Exponent	O	R 1/15
Not Used	C00109	649	Multiplier	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
Not Used	C00111	1018	Exponent	O	R 1/15
Not Used	C00112	649	Multiplier	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
Not Used	C00114	1018	Exponent	O	R 1/15
Not Used	C00115	649	Multiplier	O	R 1/10
	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 iRAPT, 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 iRAPT, 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 iRAPT, 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 = "TS"), 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
		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 iRAPT, 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, 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**	**X**	**AN 1/48**

Identifying number for a product or service

SLN17	**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.

SLN18	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

SLN19	**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.

SLN20	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

SLN21	**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.

SLN22	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

SLN23	**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.

SLN24	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

SLN25	**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.

SLN26	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

SLN27	**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.

SLN28	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

	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.	

Notes:

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

2. Implementation of the Uniform Procurement Instrument Identifier (PIID) in accordance with FAR 4.1603 and DFARS 204.16 is required by October 1, 2016.

3. Use to identify the PIID of the contract, task or delivery order number.

4. For procurement instruments issued prior to implementation of the Uniform PIID, use to identify the Procurement Instrument Identification Number and, if applicable, the Supplemental Procurement Instrument Identification Number.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	PRF01	324	Purchase Order Number	M AN 1/22

Identifying number for Purchase Order assigned by the orderer/purchaser

1. Users that have implemented the Uniform Procurement Instrument Identifiers (PIID), enter the PIID of the contract, task or delivery order number (including Federal Supply Schedules, General Services Administration Schedules and all other basic contracts), Blanket Purchase Agreement number, Grant, Lease, or Agreement number. This number must be transmitted without dashes.

2. Users that have not implemented Uniform PIID, 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 (PIIN) 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 must be transmitted without dashes.

	Ref. Des.	Data Element	Name	Attributes
	PRF02	328	Release Number	O AN 1/30

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

1. Do not use PRF02 when a uniform PIID is entered in PRF01.

2. Users that have not implemented the Uniform PIID enter the number of a release, call, or delivery order against a basic award instrument. This is always the Supplemental Procurement Instrument Identification Number (SPIIN) for the Department of Defense or the equivalent expression for Civilian Agencies. This number must 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.

| | **PRF03** | **327** | **Change Order Sequence Number** | **O** | **AN 1/8** |

Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set

1. Use to indicate, as applicable, the Supplementary PIID identifying the modification number of the contract or purchase order. When a call or delivery order is identified by the PIID in PRF01, 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 (PIIN) or the Procurement Instrument Identification (PIID) 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** |

	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:	

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.

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**	O N0 1/6

The number of inner containers, or number of eaches if there are no inner containers, per outer container

Ref. Des.	Data Element	Name	Attributes
PO402	357	**Size**	X R 1/8

Size of supplier units in pack

Ref. Des.	Data Element	Name	Attributes
PO403	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.

Ref. Des.	Data Element	Name	Attributes
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**
Not Used	**PO416**	**350**	**Assigned Identification**	**X**	**AN 1/20**
Not Used	**PO417**	**350**	**Assigned Identification**	**O**	**AN 1/20**
Not Used	**PO418**	**1470**	**Number**	**O**	**N0 1/9**

Segment:		**PID** Product/Item Description		

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.
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**	**M**	**ID 1/1**
			Code indicating the format of a description		
			F Free-form		
Not Used	**PID02**	**750**	**Product/Process Characteristic Code**	**O**	**ID 2/3**
Not Used	**PID03**	**559**	**Agency Qualifier Code**	**X**	**ID 2/2**
Not Used	**PID04**	**751**	**Product Description Code**	**X**	**AN 1/12**
Must Use	**PID05**	**352**	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their 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**	**O**	**ID 2/2**
Not Used	**PID07**	**822**	**Source Subqualifier**	**O**	**AN 1/15**
Not Used	**PID08**	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**

Not Used   PID09   819   Language Code   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.
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**	**O ID 2/2**
		Code identifying the broad category to which a measurement applies	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
MEA02	**738**	**Measurement Qualifier**	**O ID 1/3**
		Code identifying a specific product or process characteristic to which a measurement applies	

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
Not Used	C00103	649	**Multiplier**	O	R 1/10
	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
Not Used	C00106	649	**Multiplier**	O	R 1/10
Not Used	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2
Not Used	C00108	1018	**Exponent**	O	R 1/15
Not Used	C00109	649	**Multiplier**	O	R 1/10
Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Not Used	C00111	1018	Exponent	O	R 1/15
Not Used	C00112	649	Multiplier	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
Not Used	C00114	1018	Exponent	O	R 1/15
Not Used	C00115	649	Multiplier	O	R 1/10
Not Used	MEA05	740	Range Minimum	X	R 1/20
Not Used	MEA06	741	Range Maximum	X	R 1/20
Not Used	MEA07	935	Measurement Significance Code	O	ID 2/2
Not Used	MEA08	936	Measurement Attribute Code	X	ID 2/2
Not Used	MEA09	752	Surface/Layer/Position Code	O	ID 2/2
Not Used	MEA10	1373	Measurement Method or Device	O	ID 2/4

| | | **Segment:** | **TD1** Carrier Details (Quantity and Weight) |

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:
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	O	AN 3/5
Not Used	TD102	80	Lading Quantity	X	N0 1/7
Not Used	TD103	23	Commodity Code Qualifier	O	ID 1/1
Not Used	TD104	22	Commodity Code	X	AN 1/30
Not Used	TD105	79	Lading Description	O	AN 1/50
Not Used	TD106	187	Weight Qualifier	O	ID 1/2
	TD107	81	Weight	X	R 1/10

Numeric value of weight

The actual gross weight in pounds of the shipment being reported.

	TD108	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

     LB   Pound

	TD109	183	Volume	X	R 1/8

Value of volumetric measure

Use to provide total cubic feet. Use with TD110 = 5I or CF as applicable.

	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

         Use for volume measured by Standard Cubic Foot defined as: One cubic foot of gas measured at a

fixed temperature and pressure; the value used for the temperature and pressure varies depending on the type of gas being measured.

CF   Cubic Feet

Use for volume measured by 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.
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 iRAPT interface.

B	Origin/Delivery Carrier (Any Mode)

For iRAPT Version 4.1, only Code B is valid.

Ref. Des.	Data Element	Name	Attributes	
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)

Ref. Des.	Data Element	Name	Attributes	
TD503	67	**Identification Code**	**X**	**AN 2/80**

Code identifying a party or other code

Ref. Des.	Data Element	Name	Attributes	
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.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**TD505**	387	**Routing**	**X**	**AN 1/35**
Not Used	**TD506**	368	**Shipment/Order Status Code**	**X**	**ID 2/2**

Not Used	TD507	309	**Location Qualifier**	O	ID 1/2
Not Used	TD508	310	**Location Identifier**	X	AN 1/30
Not Used	TD509	731	**Transit Direction Code**	O	ID 2/2
Not Used	TD510	732	**Transit Time Direction Qualifier**	O	ID 2/2
Not Used	TD511	733	**Transit Time**	X	R 1/4
Not Used	TD512	284	**Service Level Code**	X	ID 2/2
Not Used	TD513	284	**Service Level Code**	X	ID 2/2
Not Used	TD514	284	**Service Level Code**	O	ID 2/2
Not Used	TD515	26	**Country Code**	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:	
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**	X	**ID 2/2**
			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.		
Not Used	**TD302**	**206**	**Equipment Initial**	O	**AN 1/4**
	TD303	**207**	**Equipment Number**	X	**AN 1/10**
			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.		
Not Used	**TD304**	**187**	**Weight Qualifier**	O	**ID 1/2**
Not Used	**TD305**	**81**	**Weight**	X	**R 1/10**
Not Used	**TD306**	**355**	**Unit or Basis for Measurement Code**	X	**ID 2/2**
Not Used	**TD307**	**102**	**Ownership Code**	O	**ID 1/1**
Not Used	**TD308**	**407**	**Seal Status Code**	O	**ID 2/2**
	TD309	**225**	**Seal Number**	O	**AN 2/15**
			Unique number on seal used to close a shipment		
			Use to indicate seal numbers on shipping containers.		
Not Used	**TD310**	**24**	**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.
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 iRAPT, 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**	**X ID 2/3**

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 iRAPT, 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: Carrier creates special shipper documentation.

ED - Excessive Dimensions: Equipment exceeds operating restrictions but is not considered high/wide in interline movement.

EE - Electronic Equipment Transfer

EL - Environmental Control Limits: The items contained in the shipment are subject to environmental controls whose limits are specified in the contract.

EW - Excessive Weight

EX - Explosive Flammable Gas

FAS - Firearms

FG - Flammable Gas

FL - Flammable

FR - Fragile - Handle with Care

HM - Endorsed as Hazardous Material

KMD- Keep Material Dry

MOT - Other: Must use with TD404 to describe the special package marking/special handling requirements when not addressed by available TD401 codes.

MRF - Refrigerated

ONC - Use No Hooks

ONS - Not Restricted Cargo

OPR - Perishable

OTC - Temperature Control

OV - Overweight

RM - Radioactive Material

SCC - Special Containers: The additional service charge or order for a transportation carrier to use specially constructed containers for oversized or fragile items as part of a household goods shipment.

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**	**X**	**AN 1/4**
			Code specifying the kind of hazard for a material		
			Cite the appropriate Department of Transportation code.		
	TD404	**352**	**Description**	**X**	**AN 1/80**
			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.		
Not Used	**TD405**	**1073**	**Yes/No Condition or Response Code**	**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.
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. Also identify the DFARS IUID clause and whether or not item is exempt from IUID reporting requirements; if not exempt, then the UID loop (HL03=D) may be mandatory based on contract requirements.

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**	**M ID 2/3**

Code qualifying the Reference Identification

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 in the shipment loop, HL03=S.
2. For transmission to iRAPT, the Foreign Military Sales Case Number is the concatenation of the Security Cooperation (SC) Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX.
3. For transmission to DoD applications, this data element will be reformatted as three discrete data elements.
4. For DLMS, this data element is used to identify the two-position Security Cooperation (SC) Case Designator. The SC Customer Code is mapped to REF01 Code SCC and the SC Implementing Agency is

mapped to REF01 Code SCI.

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.

DF   ***Defense Federal Acquisition Regulation***

Use in the Line Item Loop (HL03=I) to identify the DFARS IUID clause and whether or not there is an exemption to it. If DF is entered in the REF01, enter the DFARS clause number "252.211-7003" in the REF02. In the REF03, indicate if an exemption applies.

DG   Drawing Number

DO   Delivery Order Number
For iRAPT, 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 (in REF02) the last four digits of 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
1. Use for final shipment indicator (Z) on Defense Logistics Management Standards (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.

2. For iRAPT, use in Shipment loop (HL03 Code S) to identify Final Shipment Indicator. Enter 'Y' in REF02 to identify that the transaction is a Final Shipment. Enter 'N' if the transaction is not final.

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 iRAPT, 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
S - Uniform PIID (FAR 4.16)

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 iRAPT, 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 iRAPT 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 iRAPT 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)
*Use in the shipment loop, HL03=S. The Transportation Account Code
is a data element used to identify the appropriation or user responsible
for paying the transportation costs.*

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.

4. Use to indicate either "EXEMPT" or "NON-EXEMPT" when REF01=DF and REF02=252.211-7003.

5. Use to provide the total amount billed when REF01 = E4. The amount billed must be a positive numeric value containing up to 14 digits to the left of the decimal and 2 digits to the right of the decimal.

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 iRAPT, 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 iRAPT 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 iRAPT, 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.
	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**	M N0 1/5

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.

	Ref. Des.	Data Element	Name	Attributes
M	CLD02	382	**Number of Units Shipped**	M R 1/10

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.

	Ref. Des.	Data Element	Name	Attributes
Not Used	CLD03	103	**Packaging Code**	O AN 3/5
	CLD04	357	**Size**	X R 1/8

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.

	Ref. Des.	Data Element	Name	Attributes
	CLD05	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, however, it must be the same code used in the Contract Line Item Number description for the contract contained in the LIN segment.

Refer to 004010 Data Element Dictionary for acceptable code values.

			Segment:	**REF** Reference Identification

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.
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**	M ID 2/3
			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).	
	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	
Not Used	REF03	352	**Description**	X AN 1/80
	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	
			W8 Suffix	
			Use with REF01 code TN, if applicable, to cite a suffix associated with the cited requisition	

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

Not Used	C04003	128	**Reference Identification Qualifier**	**X**	**ID 2/3**
Not Used	C04004	127	**Reference Identification**	**X**	**AN 1/30**
Not Used	C04005	128	**Reference Identification Qualifier**	**X**	**ID 2/3**
Not Used	C04006	127	**Reference Identification**	**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.
Notes: *Use as applicable to enter special markings.*

Data Element Summary

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

Segment:		**DTM** Date/Time Reference		

Position: 200
Loop: HL   Mandatory
Level: Detail
Usage: Optional
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:

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.
097	Transaction Creation
	Use to indicate the date the Government credit card transaction was authorized (card swipe date).
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**
Not Used	**DTM04**	**623**	**Time Code**	**O**	**ID 2/2**
	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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	FOB01	146	**Shipment Method of Payment**	M	ID 2/2
			Code identifying payment terms for transportation charges		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	FOB02	309	**Location Qualifier**	X	ID 1/2
			Code identifying type of location		
			DE Destination (Shipping)		
			IT Intermediate FOB Point		
			OR Origin (Shipping Point)		
Not Used	FOB03	352	**Description**	O	AN 1/80
Not Used	FOB04	334	**Transportation Terms Qualifier Code**	O	ID 2/2
Not Used	FOB05	335	**Transportation Terms Code**	X	ID 3/3
Not Used	FOB06	309	**Location Qualifier**	X	ID 1/2
Not Used	FOB07	352	**Description**	O	AN 1/80
Not Used	FOB08	54	**Risk of Loss Code**	O	ID 2/2
Not Used	FOB09	352	**Description**	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:	
	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; 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; d) the accountable property system of record (APSR) property book identifier; and e) additional email recipients to receive notification of document submissions via EDI.*

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 iRAPT Implementation Guide for iRAPT 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
BK		Bank
		Use to identify the bank that issued the Government Credit Card.
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.

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
FE	Mail Address
	Use in the address information loop (HL03=V) to identify additional e-mail addresses requiring notification of the document submission via EDI. Identify the organization name in the N102 and the e-mail addresses in the PER segment (s).
FP	Name on Credit Card
	Use to identify the last name of the Government credit card holder. Identify the name in N102.
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
	When used to identify the Accountable Property System of Record (APSR) Property Book Identifier, enter the identifier in N104.
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 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	
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)

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

Use to indicate the card issuing bank identification number of the bank when code BK is cited in N101. This is the first six positions of the credit card number.

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).		
	UE	Unique Entity Identifier		
		A data maintenance action was approved in version 8020. The approved code/name is "UE Unique Entity Identifier".		
	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 Department of Defense Activity Address Code, Commercial and Government Entity Code, or Military Assistance Program Address Code, or the APSR property book identifier 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.
NP	Notify Party for Shipper's Order
	Use when N101 cites code FE to indicate that the e -mail recipients identified in the associated PER segment are to receive notification from iRAPT of document submission via EDI.
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:	
	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**	**M AN 1/60**
			Free-form name	
	N202	**93**	**Name**	**O AN 1/60**
			Free-form name	

	Segment:	**N3** Address Information

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:

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:	

Data Element Summary

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

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.
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

The following code is authorized.

16	Military Interdepartmental Purchase Request (MIPR) Number
7U	Related Transaction Reference Number

1. Use in the address loop, (HL01 = V) or line item loop (HL01 = I) to identify the data values that triggered an extract to the Accountable Property System of Record (APSR) (WAWF).

2. Enter the data value in REF02.

3. Enter the description of the data in REF03: Issue By, Admin By, Pay Office, Accept By, Document Number, Authorized Accounting Identifier (AAI, Purchase Request Number, Military Interdepartmental Purchase Request (MIPR) Number, Department Code.

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.

EF		Electronic Funds Transfer ID Number

Use only when 1/N103/220 or 2/SDQ02/290 is UE Unique Entity Identifier, to provide an alternate EFT account in REF02.

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**		X AN 1/30

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

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

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

Use only when REF01 is 7U.

	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

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**		**M AN 1/30**

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

Not Used	C04003	128	**Reference Identification Qualifier**	X	ID 2/3
Not Used	C04004	127	**Reference Identification**	X	AN 1/30
Not Used	C04005	128	**Reference Identification Qualifier**	X	ID 2/3
Not Used	C04006	127	**Reference Identification**	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:	
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**	**M ID 2/2**

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.	
CN	General Contact	
	Use when 2/N101/220 cites code FE to identify additional e-mail notifications.	
IC	Information Contact	
	Use to indicate a general point of contact for information applicable to the DD Form 250.	

	Ref. Des.	Data Element	Name	Attributes
	PER02	93	**Name**	**O AN 1/60**

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 iRAPT, enter iRAPT USERID in PER02.

	Ref. Des.	Data Element	Name	Attributes
	PER03	365	**Communication Number Qualifier**	**X ID 2/2**

Code identifying the type of communication number

AU	Defense Switched Network	
EM	Electronic Mail	

	FT	Federal Telecommunications System (FTS)	
	FX	Facsimile	
	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.

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**	**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 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 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.

| | 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 |
| | UE | | Unique Entity Identifier |

A data maintenance action was approved in version 8020. The approved code/name is "UE Unique Entity Identifier".

| | 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** | **X** | **AN 2/80** |

Code identifying a party or other code

| | **SDQ10** | **380** | **Quantity** | **X** | **R 1/15** |

Numeric value of quantity

| | **SDQ11** | **67** | **Identification Code** | **X** | **AN 2/80** |

Code identifying a party or other code

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

Segment:	**CUR** Currency				

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:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	CUR01	98	**Entity Identifier Code**	**M**	**ID 2/3**

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

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes	
M	CUR02	100	**Currency Code**	**M**	**ID 3/3**

Code (Standard ISO) for country in whose currency the charges are specified

	Ref. Des.	Data Element	Name	Attributes	
Not Used	CUR03	280	**Exchange Rate**	O	**R 4/10**
Not Used	CUR04	98	**Entity Identifier Code**	O	**ID 2/3**
Not Used	CUR05	100	**Currency Code**	O	**ID 3/3**
Not Used	CUR06	669	**Currency Market/Exchange Code**	O	**ID 3/3**
Not Used	CUR07	374	**Date/Time Qualifier**	X	**ID 3/3**

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	CUR08	373	**Date**	O	**DT 8/8**
Not Used	CUR09	337	**Time**	O	**TM 4/8**
Not Used	CUR10	374	**Date/Time Qualifier**	X	**ID 3/3**
Not Used	CUR11	373	**Date**	X	**DT 8/8**

Not Used	CUR12	337	Time		X	TM 4/8
Not Used	CUR13	374	Date/Time Qualifier		X	ID 3/3
Not Used	CUR14	373	Date		X	DT 8/8
Not Used	CUR15	337	Time		X	TM 4/8
Not Used	CUR16	374	Date/Time Qualifier		X	ID 3/3
Not Used	CUR17	373	Date		X	DT 8/8
Not Used	CUR18	337	Time		X	TM 4/8
Not Used	CUR19	374	Date/Time Qualifier		X	ID 3/3
Not Used	CUR20	373	Date		X	DT 8/8
Not Used	CUR21	337	Time		X	TM 4/8

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

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.

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**
Not Used	**SAC04**	**1301**	**Agency Service, Promotion, Allowance, or Charge Code**	**X**	**AN 1/10**
	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**
	SAC09	**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 to indicate the units for the discount basis.

	DA		Days

Use to indicate the discount is based on a number of days.

	SAC10	**380**	**Quantity**	**X**	**R 1/15**

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.

	SAC11	**380**	**Quantity**	**O**	**R 1/15**

Numeric value of quantity

Use to indicate net payment period. Example: net 30 indicates the invoice amount is due within 30 days.

Not Used	**SAC12**	**331**	**Allowance or Charge Method of Handling Code**	**O**	**ID 2/2**
Not Used	**SAC13**	**127**	**Reference Identification**	**X**	**AN 1/30**
Not Used	**SAC14**	**770**	**Option Number**	**O**	**AN 1/20**
	SAC15	**352**	**Description**	**X**	**AN 1/80**

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.

Not Used	**SAC16**	**819**	**Language Code**	**O**	**ID 2/3**

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

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.
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**	X ID 2/3
Not Used	GF02	127	**Reference Identification**	X AN 1/30
	GF03	367	**Contract Number**	O AN 1/30

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.

Not Used	GF04	782	**Monetary Amount**	O R 1/18
	GF05	128	**Reference Identification Qualifier**	X ID 2/3

Code qualifying the Reference Identification

    CT   Contract Number

	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:
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**	**M ID 2/2**

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.

	Ref. Des.	Data Element	Name	Attributes
	LM02	822	**Source Subqualifier**	**O AN 1/15**

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.

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:	
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**	O ID 1/3

Code identifying a specific industry code list

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			

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:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SE01	96	**Number of Included Segments**	**M N0 1/10**

Total number of segments included in a transaction set including ST and SE segments

M	SE02	329	**Transaction Set Control Number**	**M AN 4/9**

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Cite the same number as the one cited in ST02.