DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

856 Ship Notice/Manifest

Functional Group=SH

Purpose: 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.

DLMS Note:

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

1b. This DLMS Implementation Convention IC is based upon the Federal Implementation Convention (IC) 856, Ship Notice/Manifest and is provided for clarification of internal DoD use of the 856 as it pertains to Procurement Integrated Enterprise Environment (PIEE), Wide Area Work Flow.

2. This document describes the advance shipment notice as extracted from WAWF and forwarded to Defense Contract Management Agency (DCMA), payment offices, and receiving points. For submission of the 856 to WAWF please refer to the WAWF Implementation Guide located on the PIEE e-Business Suite Website at: https://wawf.eb.mil.

3. This transaction may be used to forward Property Transfer Document (PTD) information submitted to WAWF by a contractor for return of Government Furnished Property to DoD inventory. This is an interim use pending full implementation of the WAWF PTD facilitated by Global Exchange (GEX) conversion mapping.

4. This document also supports internal DoD transactions for the Shipment Performance Notice and the Destination Acceptance Alert during DLMS migration and pending full implementation of WAWF.

5. Users operating under the Defense Logistics Management Standards (DLMS) must reference DoD/ASC X12 Conversion Guides for Unit of Materiel Measure, Type of Pack and Transportation Method/Type Code, which can be found on the Defense Enterprise Data Standards Office (DEDSO) Website at www.dla.mil/does/DLMS.

6. This transaction may be used to provide item unique identification (IUID) information in accordance with DLMS procedures and OSD Supply Policy. Refer to the IUID web at URL: http://www.acq.osd.mil/dpap/pdi/uid/ for DoD policy.

7. This transaction may be used to forward passive Radio Frequency Identification (RFID) tag information as submitted by vendors to WAWF. For more information about RFID, refer to the DoD Automated Information Technology web site at URL: http://www.transcom.mil/ait/

8. Effective April 1, 2014, Refer to ADC 1075.Users must reference the GENC Standard for country codes (https://geo.aitcnet.org/NSGREG/genc/discovery) for a listing of authorized values. Under DLMS, use the GENC Digraph (two-character) code values.

9. The name Wide Area Workflow (WAWF) e-Business Suite change to Procurement Integrated Enterprise Environment (PIEE). The name for the module Invoicing, Receipt, Acceptance, and Property Transfer (iRAPT) was changed to Wide Area Workflow (WAWF). This change is reflected in the IC notes.

10. 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 129, New DLMS Supplement for DLMS ASN Following Federal IC 856, Shipment Notice/Manifest
- ADC 162, Correction to DSs 4010 856 ASN and 4010 861 Acceptance Report to Add Missing Qualifiers for Component Unique Data Content
- ADC 165, Optional Capability for Sending Information Copy of DLMS Supplements 856, 856S, 861, 867I, 870M, 945A, and 947I to a Component Unique Item Tracking (UIT) Registry (Supply)
- ADC 177, ASN 856 Cancellation and Correction Functionality
- ADC 231, Inclusion of Data Supporting Wide Area Workflow Transaction Exchange for Item Unique Identification (IUID), Zero Lot Shipments, and Performance Notification for Services
- ADC 303, Transportation Identification Numbers in Wide Area Workflow (WAWF)
- ADC 362, Revised DLMS Supplement (DS) 856, Advance Shipment Notice/Receiving Report (ASN/RR): Void, Replace, Change, and Contract Number Type (Wide Area Work Flow/Contract Administration/Supply Interface)
- ADC 438, Revise Advance Shipment Notice (ASN) (DLMS Supplement (DS) 856) to add the Purchase Request (PR) Number supporting the Electronic Document Access (EDA)/Wide Area Workflow (WAWF) Interface (Supply/Contract Administration/ Finance)
- ADC 439, Revise DS 4010 Advance Shipment Notice, ASN, (DS 856), Add New Segment and Qualifiers for DMLSS/WAWF Interface
- ADC 448, Implementation of International Organization for Standardization (ISO) 3166-1 Codes for the Identification of Countries and their Subdivisions

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- ADC 448B, Delayed implementation for International Organization for Standardization (ISO) 3166-1 Codes for the Identification of Countries and their Subdivisions
- ADC 1042, Revise Wide Area Workflow (WAWF) Advance Shipment Notice (ASN) to Accommodate DLA Interface for Reparable Government Furnished Property (GFP)
- ADC 1075, Implementation of Geopolitical Entities, Names, and Codes (GENC) Standard by DoD Components for the Identification of Countries and their Subdivisions.
- Organizational Name and Other Non-Substantive (Administrative) Updates Completed on February 07, 2014.
- ADC 1113, Wide Area Workflow (WAWF) Advance Shipment Notice (ASN) Revisions Including Enhancements for Security Cooperation (SC) Foreign Military Sales (FMS)
- ADC 1121, WAWF Update to Permit Multiple Product/Service Pairs on Receiving Reports and Property Transfer Documents
- ADC 1136, Revise Unique Item Tracking (UIT) Procedures to support DODM 4140.01 UIT Policy and Clarify Requirements (Supply)
- ADC 1157, Update Uniform Procurement Instrument Identification (PIID) Numbering system in the Federal/DLMS Implementation Conventions and DLMS Manual
- ADC 1161A, Update Uniform Procurement Instrument Identifier (PIID) Numbering System in the Federal/DLMS Implementation Conventions and DLMS Manuals
- ADC 1183, Revise Federal Implementation Convention (IC) 856 (Ship Notice/Manifest), DLMS IC 856 (Advance Shipment Notice) and Federal IC 857 (Shipment and Billing Notice) to add Final Shipment Indicator and Final Invoice Indicator
- ADC 1202, Processing of Advance Shipment Notice (ASN) for Certificate of Conformance (CoC) or Alternate Release Procedures (ARP) and Edit Blocking Inappropriate Supply Discrepancy Report (SDR) for Missing Quality Assurance Representative (QAR) Signature (Discrepancy Code D4) and associated Suspended Receipt
- Administrative Update to Reflect Realignment to Recognize DLMS Program Office Completed on January 06, 2017
- ADC 1254, Remove Unit of Measure Code Validation from DLMS XML Schemas
- Administrative Update to Reflect Realignment of DLMS Program Office to Enterprise Business Standards Office (EBSO) - Completed on January 24, 2019
- ADC 1215, Wide Area Workflow (WAWF) Revisions to Include Multiple Serial Numbers for Serially Managed Items Without Registered Unique Item Identifiers (UII) and Supply Condition Codes for Property Transfer and Repairable Receiving Reports for Government Furnished Property (GFP) (Supply/ Contract Administration)
- 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 renames the existing DLMS 856 ASN to 856P ASN. No transaction usage changes are made by ADC 1345.
- ADC 1353, Transportation Method and Transportation Mode Codes on all DLMS ICs
- ADC 1367, Administrative Update to Convert Federal Notes to DLMS Notes within DLMS Implementation Conventions
- 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
- ADC 1420, Other Transaction (OT) Agreements Instrument Type and Procurement Instrument Identifier (PIID) Construct (Supply/Contract Administration)
- ADC 1503, DLMS Implementation Convention Notes Updates_MFR

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Used
020	BSN	Beginning Segment for Ship Notice	M	1			Used
* 040	DTM	Date/Time Reference	O	10			Not Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**200000**	**C2/010L**	
010	HL	Hierarchical Level	M	1		C2/010	Must use
020	LIN	Item Identification	O	1			Must use
030	SN1	Item Detail (Shipment)	O	1			Used
040	SLN	Subline Item Detail	O	1000			Used
050	PRF	Purchase Order Reference	O	1			Used
* 060	PO4	Item Physical Details	O	1			Not Used
070	PID	Product/Item Description	O	200			Used
* 080	MEA	Measurements	O	40			Not Used
* 090	PWK	Paperwork	O	25			Not Used
* 100	PKG	Marking, Packaging, Loading	O	25			Not Used
110	TD1	Carrier Details (Quantity and Weight)	O	20			Used
120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used

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	Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
*	130	TD3	Carrier Details (Equipment)	O	12			Not Used
	140	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Used
*	145	TSD	Trailer Shipment Details	O	1			Not Used
	150	REF	Reference Identification	O	>1			Used
*	151	PER	Administrative Communications Contact	O	3			Not Used
	*** LOOP ID - LH1**					**100**		
*	152	LH1	Hazardous Identification Information	M	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			Not Used
	LOOP ID - CLD					**200**		
	170	CLD	Load Detail	M	1			Must use
	180	REF	Reference Identification	O	200			Used
*	185	DTP	Date or Time or Period	O	1			Not Used
*	190	MAN	Marks and Numbers	O	>1			Not Used
	200	DTM	Date/Time Reference	O	10			Used
	210	FOB	F.O.B. Related Instructions	O	1			Used
*	215	PAL	Pallet Information	O	1			Not Used
	LOOP ID - N1					**200**		
	220	N1	Name	M	1			Used
	230	N2	Additional Name Information	O	2			Used
	240	N3	Address Information	O	2			Used
	250	N4	Geographic Location	O	1			Used
	260	REF	Reference Identification	O	12			Used
	270	PER	Administrative Communications Contact	O	3			Used
*	280	FOB	F.O.B. Related Instructions	O	1			Not Used
	290	SDQ	Destination Quantity	O	50			Used
*	300	ETD	Excess Transportation Detail	O	1			Not Used
	310	CUR	Currency	O	1			Used
	LOOP ID - SAC					**>1**		
	320	SAC	Service, Promotion, Allowance, or Charge Information	M	1			Must use
*	325	CUR	Currency	O	1			Not Used
*	330	GF	Furnished Goods and Services	O	1			Not Used
*	335	YNQ	Yes/No Question	O	10			Not Used
	LOOP ID - LM					**10**		
	340	LM	Code Source Information	M	1			Must use
	350	LQ	Industry Code	M	100			Used

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Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* LOOP ID - V1					**>1**		
* 360	V1	Vessel Identification	M	1			Not Used
* 370	R4	Port or Terminal	O	>1			Not Used
* 380	DTM	Date/Time Reference	O	>1			Not Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* 010	CTT	Transaction Totals	O	1		N3/010	Not Used
020	SE	Transaction Set Trailer	M	1			Used

Notes:

3/010   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.

Comments:

2/010L   The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

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ST Transaction Set Header

Pos: 010	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Used

Purpose: To indicate the start of a transaction set and to assign a control number

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

Code	Name
856	Ship Notice/Manifest

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

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

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BSN   Beginning Segment for Ship Notice

Pos: 020   **Max: 1**

Heading - Mandatory

Loop: N/A   **Elements: 7**

User Option (Usage): Used

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Syntax Rules:

1. C0706 - If BSN07 is present, then BSN06 is required.

Semantics:

1. BSN03 is the date the shipment transaction set is created.
2. BSN04 is the time the shipment transaction set is created.
3. BSN06 is limited to shipment related codes.

Comments:

1. BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

Code	Name
00	Original
01	Cancellation

DLMS Note:

1. For WAWF, use to indicate a "Void Only" submission.

2. Restricted use during DCMA pilot. Applicable to source inspection and acceptance, DCMA administered and MOCAS paid, where documents have been signed in WAWF by the inspector.

| 05 | Replace |

DLMS Note:

1. For WAWF, use to indicate a "Void and Create" to void a previously submitted ASN/Receiving Report (RR) and concurrently create a new one.

2. Restricted use during DCMA pilot. Applicable to source inspection and acceptance, DCMA administered and MOCAS paid, where documents have been signed in WAWF by the inspector.

| CO | Corrected |

DLMS Note:

1. Use only after receiving an acknowledgment of receipt for a previously transmitted Shipment Notice. When used, the entire Shipment Notice will be transmitted.

2. For WAWF, use to indicate a corrected ASN/RR submission.

3. Use to indicate this transaction is being sent to correct data previously transmitted via ASN.

| BSN02 | 396 | **Shipment Identification** | M | AN | 2/30 | Must use |

Description: A unique control number assigned by the original shipper to identify a specific shipment

DLMS Note: *Use 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.*

| BSN03 | 373 | **Date** | M | DT | 8/8 | Must use |

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Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Date expressed as CCYYMMDD				
		DLMS Note: *1. Use to indicate the transaction set creation date.*				
		2. Express the originating activity's date in Universal Time Coordinate (UTC).				
BSN04	337	**Time**	M	TM	4/8	Must use
		Description: 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)				
		DLMS Note: *1. Express the originating activity's time in Universal Time Coordinate (UTC).*				
		2. Express time in a six-position (Hour Hour Minute Minute Second Second) format.				
BSN05	1005	**Hierarchical Structure Code**	O	ID	4/4	Used
		Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set				
BSN06	640	**Transaction Type Code**	X	ID	2/2	Used
		Description: Code specifying the type of transaction				
		DLMS Note: *Use to indicate the type of transaction.*				

Code Name

AS   Shipment Advice

DLMS Note:

Use to indicate the transaction is a Material Inspection and Receiving Report [Ship Notice] from a contractor.

TS   Transfer Statement

DLMS Note:

1. Use to indicate the shipment/movement of Government Property (from Government to Contractor, Contractor to Contractor, Contract to Contract, Contractor to Government, Government 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.

2. This DLMS IC does not contain full WAWF property transfer functionality. Refer to the WAWF guide for implementation guidance for the Property Transfer Document (PTD).

3. Use by agreement only with BSN07= 036 for interim procedures supporting PTD implementation. Refer to ADC 1042.

U2   Shipment Performance Notice

DLMS Note:

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

DLMS Note:

Use only on Department of Defense internal systems when the transaction set contains a destination acceptance alert.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN07	641	**Status Reason Code**	O	ID	3/3	Used
		Description: Code indicating the status reason				

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<u>Code</u> <u>Name</u>

036   Automatic Conversion

DLMS Note:

1. Use only with BSN06 Code TS to indicate this transaction is a variant of the full WAWF PTD used on an interim basis to facilitate DLMS processing of GFP receipts by DoD activities pending full integration of WAWF. This variant perpetuates the PTD Qualifier TS and PTD information in the ASN format using GEX conversion mapping. (Also referred to as a pseudo ASN.)

2. Use to indicate when transaction is provided to report location movement of GFP. This procedure updates the Accountable Property System of Record with the change of GFP custodial location. Refer to ADC 1042.

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HL	**Hierarchical Level**	**Pos: 010**	**Max: 1**

Pos: 010   **Max: 1**
Detail - Mandatory
Loop: HL   **Elements: 4**

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.

2. The HL segment defines a top-down/left-right ordered structure.

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

4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.

5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.

6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

DLMS Note:

For WAWF, the hierarchical structure shall be: Shipment (HL03 Code S), Address (HL03 code V), Item (HL03 Code I), IUID (HL03 code D), Product Characteristics (HL03 = PH) and RFID (HL03 code P).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
		DLMS Note: *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	Used
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
		DLMS Note: *1. Do not use in the first occurrence of the 2/HL/010 address loop.*				
		2. Use in subsequent 2/HL/010 loops to identify the relationship between a previous occurrence of the loop and the current occurrence of the loop. Use in shipment loop to associate with the address loop. Use in line item loops to associate with the shipment loop. Use in IUID loops to associate with the applicable line item loop. Use in the first Pack/RFID loop for the highest level pack to associate with the shipment loop. Use in subsequent Pack/RFID loops to associate with either the shipment loop or the corresponding Pack/RFID loop which contains the pack detailed in this loop.				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				

Code Name

D   Product Description

DLMS Note:

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Code Name

Use to identify IUID data consistent with IUID data requirements. Only segments 2/SLN/040 and 2/REF/150 are applicable to the IUID data loop. Use a separate IUID loop for each combination of UII type, original part number, Enterprise Identifier and its associated Issuing Agency Code, and manufacturer identifier, if different from the Enterprise Identifier, and the Issuing Agency Code associated with the manufacturer.   Begin a new IUID loop if any one of these elements differs.

E   Transportation Equipment

DLMS Note:

For WAWF, used to identify a loop containing embedded UII information.

G   Quality Characteristics

DLMS Note:

1. For WAWF, use to identify the supply condition code associated with the human readable serial number or UII. This loop can be a child loop to the I Item loop (individual line item), or the D UID Loop.

2. The following detail segments and elements are applicable to the G loop, 2/REF/150 and 2/LM/340, 2/LQ/350.

I   Item

DLMS Note:

1. Use to identify the individual line item loops.

2. The following detail segments are applicable to the line Item loop: 2/LIN/020, 2/SN1/030, 2/PID/070, 2/TD4/140, 2/REF/150, 2/CLD/170, 2/REF/180, 2/LM/340, and 2/LQ/350.

P   Pack

DLMS Note:

1. When providing RFID information pertaining to a shipment, use to identify individual pack loops associated with RFID. Only the 2/REF/150 and 2/SDQ/290 are used in this loop when reporting pack/RFID information.

2. For Multi-Box Pack Indicator, only 2/SLN08/40 and 2/REF04/150 are applicable.

S   Shipment

DLMS Note:

Use to identify the shipment loop. The following detail segments are applicable to the Shipment loop: 2/PRF/050, 2/TD1/110, 2/TD5/120, 2/REF/150, 2/DTM/200, 2/FOB/210, 2/CUR/310, 2/SAC/320, 2/LM/340, and 2/LQ/350.

V   Address Information

DLMS Note:

1. Use to identify the transaction set address loop.

2. The following detail segments are applicable to the Address loop: 2/N1/220 and 2/PER/270.

PH   Product Characteristic

DLMS Note:

Use to identify product characteristics (Batch/Lot, Manufacturer, and Shelf Life Expiration Date) applicable to the item(s) being shipped/delivered. Only segments 2/SN1/030, 2/REF/150, 2/DTM/200, and 2/N1/220 are used. Multiple PH Loops may subordinate to a single Item Loop. No subordinate loops are allowed to this loop.

| HL04 | 736 | **Hierarchical Child Code** | O | ID | 1/1 | Used |

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

Code Name

0   No Subordinate HL Segment in This Hierarchical Structure.

DLMS Note:

HL04 is always 0 in the IUID loop, otherwise use as applicable.

1   Additional Subordinate HL Data Segment in This Hierarchical Structure.

DLMS Note:

HL04 is always 1 in the Address loop and Shipment loop, otherwise use as applicable.

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ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

LIN   Item Identification

Pos: 020	**Max: 1**
Detail - Optional	
Loop: HL	**Elements: 31**

User Option (Usage): Must use

Purpose: To specify basic item identification data

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN01	350	**Assigned Identification**	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
		DLMS Note: *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.*				
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		DLMS Note: *1. Use in the Line Item Loop (HL03=I) to identify/ describe the commodity or service applicable to the line item. Submission of multiple product/service pairs enables capture and transmission of more than one identification data element useful to interfacing systems and users.*				
		2. Only the following codes are applicable under the DLMS.				
		3. When available, NSN must be provided. When				

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Ref	Id	Element Name	Req	Type	Min/Max	Usage

NSN is provided, a maximum of fifteen (15) codes may be identified per line item using the next available product/service pair. When NSN is not provided a maximum of fourteen (14) codes may be identified per line item.

4. Do not mix services (Code SV) and supplies on the same line item.

5. For Navy, at least one of the following codes is required: FS, MG, or SW to identify materiel; SV to identify a service.

6. For DLA, at least one of the following codes is required. For bulk fuels, use only Code FS.

FS (NSN)

IB (ISBN)

MG (Manufacturer's Part Number)

N4 (National Drug Code in 5-4-2 Format) (If applicable to DMLSS)

UK (U.P.C/EAN Shipping Container Code (1-2-5-5-1)) (If applicable to DMLSS)

UX (Universal Product Number) (If applicable to DMLSS)

VC (Vendor's (Seller's) Catalog Number) (If applicable to DMLSS)

VP (Vendor's (Seller's) Part Number)

SV (Service Rendered)

Code Name

A3   Locally Assigned Control Number

AK   Refined Product Code

B8   Batch Number

CG   Commodity Grouping

CH   Country of Origin Code

CL   Color

CN   Commodity Name

EF   Exhibit Identifier

F7   End-Item Description

F8   Next Higher Used Assembly

FS   National Stock Number

FT   Federal Supply Classification

IB   International Standard Book Number (ISBN)

DLMS Note:

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

KA   Engineering Data List

KB   Data Category Code

KD   Replacement National Stock Number

KF   Item Type Number

KG   Time Compliant Technical Order

KI   Cognizance Symbol

KJ   Material Control Code

KK   Special Material Identification Code

KL   Item Management Code

KM   Shelf-Life Code

KN   Shelf-Life Action Code

Code	Name
LT	Lot Number
MF	Manufacturer
MG	Manufacturer's Part Number
MN	Model Number
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

DLMS Note:

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

Code	Name
PU	Part Reference Number
RC	Returnable Container Number
SN	Serial Number
ST	Style Number
SV	Service Rendered

DLMS Note:

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.

Code	Name
SW	Stock Number
SZ	Vendor Alphanumeric Size Code (NRMA)
TP	Product Type Code
UA	U.P.C./EAN Case Code (2-5-5)
UE	U.P.C./EAN Module Code (2-5-5)
UK	GTIN-14

DLMS Note:

Use to identify the UPC associated with the shipping container when the container is purchased on this line item.

Code	Name
UX	Universal Product Number
VC	Vendor's (Seller's) Catalog Number

DLMS Note:

Use to identify vendor item catalog number.

Code	Name
VI	Vary Item Product Number
VP	Vendor's (Seller's) Part Number
ZB	Commercial and Government Entity (CAGE) Code
ZR	Service Control Identification

DLMS Note:

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.

LIN03	234	**Product/Service ID**	M	AN	1/48	Must use

Description: Identifying number for a product or service

LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)
All valid standard codes are used.

LIN05	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

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1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN06	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **All valid standard codes are used.**				
LIN07	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN08	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **All valid standard codes are used.**				
LIN09	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN10	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **All valid standard codes are used.**				
LIN11	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN12	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **All valid standard codes are used.**				
LIN13	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN14	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **All valid standard codes are used.**				
LIN15	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN16	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **All valid standard codes are used.**				
LIN17	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN18	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

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ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A,
1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		All valid standard codes are used.				
LIN19	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN20	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **All valid standard codes are used.**				
LIN21	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN22	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **All valid standard codes are used.**				
LIN23	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN24	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **All valid standard codes are used.**				
LIN25	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN26	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **All valid standard codes are used.**				
LIN27	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN28	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **All valid standard codes are used.**				
LIN29	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN30	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **All valid standard codes are used.**				
LIN31	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or				

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ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
		service				

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ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

SN1   Item Detail (Shipment)

Pos: 030	**Max: 1**
Detail - Optional	
Loop: HL	**Elements: 3**

User Option (Usage): Used

Purpose: To specify line-item detail relative to shipment

Syntax Rules:

1. P0506 - If either SN105 or SN106 is present, then the other is required.

Semantics:

1. SN101 is the ship notice line-item identification.

Comments:

1. SN103 defines the unit of measurement for both SN102 and SN104.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SN102	382	**Number of Units Shipped**	M	R	1/10	Must use

Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set

DLMS Note: *1. Use the number "0" (zero) to indicate no quantity was either shipped or reported, such as in an interim Shipment Performance Notice.*

2. Use to identify the quantity shipped. Quantity format is X(8).XX.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SN103	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

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

DLMS Note: *1. Use any code, other than code ZZ, to identify as necessary, the purchase unit for the quantity shipped or service performed. Use code UL when no purchase unit applies.*

2. DLMS users see the DLMS Unit of Issue and Purchase Unit Conversion Table for available codes.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SN104	646	**Quantity Shipped to Date**	O	R	1/15	Used

Description: Number of units shipped to date

DLMS Note: *Use in the line item loop to identify the actual quantity shipped on Zero Lot shipments. This is only used for Zero Lot documents paid by MOCAS, when the Quantity Shipped in SN102 is zero (0) and Unit of Measure LO is reported in SN103. When provided quantity must equal amount associated with MILSTRIP document numbers, IUID data, or Pack data.*

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ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

SLN   Subline Item Detail

Pos: 040	**Max: 1000**
Detail - Optional	
Loop: HL	**Elements: 20**

User Option (Usage): Used

Purpose: To specify product subline detail item data

Syntax Rules:

1. C0706 - If SLN07 is present, then SLN06 is required.
2. C0806 - If SLN08 is present, then SLN06 is required.
3. P0405 - If either SLN04 or SLN05 is present, then the other is required.
4. P0910 - If either SLN09 or SLN10 is present, then the other is required.
5. P1112 - If either SLN11 or SLN12 is present, then the other is required.
6. P1314 - If either SLN13 or SLN14 is present, then the other is required.
7. P1516 - If either SLN15 or SLN16 is present, then the other is required.
8. P1718 - If either SLN17 or SLN18 is present, then the other is required.
9. P1920 - If either SLN19 or SLN20 is present, then the other is required.
10. P2122 - If either SLN21 or SLN22 is present, then the other is required.
11. P2324 - If either SLN23 or SLN24 is present, then the other is required.
12. P2526 - If either SLN25 or SLN26 is present, then the other is required.
13. P2728 - If either SLN27 or SLN28 is present, then the other is required.

Semantics:

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

Comments:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN01	350	**Assigned Identification**	M	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
		DLMS Note: *This will always be "1" in the IUID loop.*				
SLN03	662	**Relationship Code**	M	ID	1/1	Must use
		Description: Code indicating the relationship between entities				

Code	Name
O	Information Only

> **DLMS Note:**
>   *Use in IUID loop to indicate IUID information is provided.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN04	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
		DLMS Note: *This will always be "1" in the IUID loop.*				
SLN05	C001	**Composite Unit of Measure**	X	Comp		Used

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Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: To identify a composite unit of measure(See Figures Appendix for examples of use)				
SLN05-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		DLMS Note: *WAWF will use a constant "EA".*				

Code Name

EA   Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN06	212	**Unit Price**	X	R	1/17	Used
		Description: Price per unit of product, service, commodity, etc.				
		DLMS Note: *For WAWF, use with SLN08, enter) (zero) to comply with mandatory X12 syntax requirement.*				
SLN08	662	**Relationship Code**	X	ID	1/1	Used
		Description: Code indicating the relationship between entities				
		DLMS Note: *For WAWF, use in the Pack loop (HL03=P), to identify a Multi-Box Pack Indicator. Provide Code A to indicate that items identified by UIIs and/or item serial numbers associated with this line item are packed across multiple boxes. 2/REF04/150 is applicable to the P loop.*				
SLN09	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		DLMS Note: *Use in IUID loop to identify the UII Type in the first Product/Service pair. Use subsequent pairs to identify the Enterprise Identifier and its associated Issuing Agency Code, original part number, and manufacturer identifier and its associated Issuing Agency Code, as applicable.*				

Code Name

KF   Item Type Number

> **DLMS Note:**
>
> *Use to identify the UII type per IUID guidance, e.g., VIN, UID1, UID2, etc., when known.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN10	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
SLN11	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

Code Name

MF   Manufacturer

> **DLMS Note:**
>
> *Use to indicate the Enterprise Identifier. Required if UII Type=UID1 or UID2.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN12	234	**Product/Service ID**	X	AN	1/48	Used

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ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Identifying number for a product or service				
SLN13	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

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

Code Name

MG   Manufacturer's Part Number

> **DLMS Note:**
>
> *Use to indicate the original part number. Required if UII Type=UID2.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN14	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN15	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

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

Code Name

XZ   Contractor Establishment Code

> **DLMS Note:**
>
> *Use to indicate the Issuing Agency Code. Required if UII Type=UID1 or UID2.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN16	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN17	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

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

Code Name

B8   Batch Number

> **DLMS Note:**
>
> *Use for Batch/Lot Number associated with IUID information. No special characters, except for dashes (-) and forward slashes (/) are permitted.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN18	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN19	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

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

Code Name

VU   Vendor's Basic Unit Number

> **DLMS Note:**
>
> *Use in IUID 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.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN20	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN21	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

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Ref	Id	Element Name	Req	Type	Min/Max	Usage

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

Code Name

DS   Group ID

> **DLMS Note:**
>
> *Use in IUID 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 T1.220*
> *0-9 (single digits, 10 different codes, EAN.UCC Company Prefix)*
> *LH: European Health Industry Business Communications Council*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN22	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

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ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A,
1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

PRF   Purchase Order Reference

Pos: 050	**Max: 1**
Detail - Optional	
Loop: HL	**Elements: 3**

User Option (Usage): Used

Purpose: To provide reference to a specific purchase order

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

DLMS Note:

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.

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number**	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
		DLMS Note: *Use to identify the procurement instrument identifier (PIID). Use the legacy procurement instrument identification number (PIIN) pending transition to the PIID. When procurement is authorized under a PIID call/order number (F in 9th position), provide the value in the PIID field. For Other Transaction (OT) agreements, the type of instrument (9th position of PIID) will be a 3 for Research OTs or 9 for Prototype and Production OTs. Refer to ADC 1161A or ADC 1420.*				
PRF02	328	**Release Number**	O	AN	1/30	Used
		Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction				
		DLMS Note: *1. Use to identify the legacy four-position call/order number associated with the PIIN.*				
		2. Do not use for the PIID call/order number. The PIID call/order number is mapped to PRF01. Refer to ADC 1161A.				
PRF04	373	**Date**	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
		DLMS Note: *This is the Delivery Order Date.*				

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

PID   Product/Item Description

Pos: 070	**Max: 200**
Detail - Optional	
Loop: HL	**Elements: 2**

User Option (Usage): Used

Purpose: To describe a product or process in coded or free-form format

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. C0703 - If PID07 is present, then PID03 is required.
3. C0804 - If PID08 is present, then PID04 is required.
4. C0905 - If PID09 is present, then PID05 is required.
5. R0405 - At least one of PID04 or PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

DLMS Note:

1. Use this segment only when additional free form text is needed to describe the item cited in LIN01 (HL03 code is I).

2. Use 1-25 iterations as needed.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use

Description: Code indicating the format of a description

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID05	352	**Description**	X	AN	1/80	Must use

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

DLMS Note: *1. Use to describe the item cited in LIN01 only when an additional description is required.*

2. Mandatory entry for WAWF.

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

TD1   Carrier Details (Quantity and Weight)

Pos: 110	Max: 20
Detail - Optional	
Loop: HL	**Elements: 4**

User Option (Usage): Used

Purpose: To specify the transportation details relative to commodity, weight, and quantity

Syntax Rules:

1. C0102 - If TD101 is present, then TD102 is required.
2. C0304 - If TD103 is present, then TD104 is required.
3. C0607 - If TD106 is present, then TD107 is required.
4. P0708 - If either TD107 or TD108 is present, then the other is required.
5. P0910 - If either TD109 or TD110 is present, then the other is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD107	81	**Weight**	X	R	1/10	Used

Description: Numeric value of weight

DLMS Note: *The actual gross weight in pounds of the shipment being reported.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD108	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used

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

Code **Name**
LB   Pound

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD109	183	**Volume**	X	R	1/8	Used

Description: Value of volumetric measure

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD110	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used

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

Code **Name**

5I   Standard Cubic Foot

DLMS Note:

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

DLMS Note:

Use for volume measured by cubic feet.

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

TD5   Carrier Details (Routing Sequence/Transit Time)

Pos: 120	**Max: 12**
Detail - Optional	
Loop: HL	**Elements: 4**

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time information

Syntax Rules:

1. C0203 - If TD502 is present, then TD503 is required.
2. C0708 - If TD507 is present, then TD508 is required.
3. C1011 - If TD510 is present, then TD511 is required.
4. C1312 - If TD513 is present, then TD512 is required.
5. C1413 - If TD514 is present, then TD513 is required.
6. C1512 - If TD515 is present, then TD512 is required.
7. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.

Semantics:

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

Comments:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD501	133	**Routing Sequence Code**	O	ID	1/2	Used

Description: Code describing the relationship of a carrier to a specific shipment movement

DLMS Note: *1. Use to identify each transportation leg which involves the loading of cargo onto a transportation device and its conveyance from one physical location to another.*

2. Equates to the Route Sequence Number in WAWF.

Code	Name
1	1st Carrier after Origin Carrier

DLMS Note:

  DLMS enhancement for future use.   Not available at this time.

Code	Name
B	Origin/Delivery Carrier (Any Mode)

DLMS Note:

  For WAWF Version 4.1, only Code B is valid.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD502	66	**Identification Code Qualifier**	X	ID	1/2	Used

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

DLMS Note: *Use to identify the carrier applicable to the identified transportation leg (per TD501) by SCAC.*

Code	Name
2	Standard Carrier Alpha Code (SCAC)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD503	67	**Identification Code**	X	AN	2/80	Used

Description: Code identifying a party or other code

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD504	91	**Transportation Method/Type Code**	X	ID	1/2	Used

Description: Code specifying the method or type of transportation for the shipment

DLMS Note: *DLMS users see the Conversion Guide for available codes.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

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

Pos: 140	Max: 5
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

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

Syntax Rules:

1. C0203 - If TD402 is present, then TD403 is required.
2. R010204 - At least one of TD401, TD402 or TD404 is required.

Semantics:

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.

> **DLMS Note:**
> *For WAWF, Use to specify transportation special handling requirements, or hazardous materials information or both.*

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD401	152	**Special Handling Code**	X	ID	2/3	Used

Description: Code specifying special transportation handling instructions

> **DLMS Note:** *For WAWF, the following codes are authorized for use in the line item loop, HL03=I.*
> *Use as applicable to identify items requiring special handling due to perishable, refrigerated, hazardous, or other characteristics.*

Code	Name
ED	Excessive Dimensions

> **DLMS Note:**
> *Equipment exceeds operating restrictions but is not considered high/wide in interline movement.*

EE	Electronic Equipment Transfer
EL	Environmental Control Limits

> **DLMS Note:**
> *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
FG	Flammable Gas
FL	Flammable
FR	Fragile - Handle with Care
HM	Endorsed as Hazardous Material
OV	Overweight
RM	Radioactive Material
SH	Shiftable Load
BKA	Bulky Article
BU2	Bunker Adjustment - 20 Foot Container
BU4	Bunker Adjustment - 40 Foot Container
DOC	Documentation - Special

> **DLMS Note:**
> *Carrier creates special shipper documentation.*

FAS	Firearms
KMD	Keep Material Dry

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A,
1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

Code	Name
MOT	Other

> **DLMS Note:**
>
> *Must use with TD404 to describe the special package marking/special handling requirements when not addressed by available TD401 codes.*

Code	Name
MRF	Refrigerated
ONC	Use No Hooks
ONS	Not Restricted Cargo
OPR	Perishable
OTC	Temperature Control
SCC	Special Containers

> **DLMS Note:**
>
> *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.*

Code	Name
SMP	Small Package
STA	Conductivity/Anti-static Additive

TD404	352	**Description**		X	AN	1/80	Used

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

DLMS Note: *1. Use only when special handling instructions or additional information about the shipment needs to be provided in free form text*

2. Must use to describe the special package marking/special handling requirements when TD401=MOT (Other).

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

REF   Reference Identification

Pos: 150	**Max: >1**
Detail - Optional	
Loop: HL	**Elements: 4**

User Option (Usage): Used

Purpose: To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

DLMS Note: *Up to two secondary transportation identification numbers may be provided for each transportation leg (per TD501). For WAWF Version 4.1 only one transportation leg may be identified. Field length for secondary transportation identification numbers in WAWF may not exceed 30 characters.*

Code Name

08   Carrier Assigned Package Identification Number

DLMS Note:

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify carrier package tracking number when carrier is other than the United States Postal Service. Recommended this be use in conjunction with identification of the carrier identification by Standard Carrier Alpha Code (SCAC).

0L   Referenced By

DLMS Note:

Use to describe the type of secondary transportation identification number associated with the value cited as Other Unlisted Transportation Number (REF01=XY Other Unlisted Type of Reference Number)

12   Billing Account

DLMS Note:

Use to identify the Authorization Accounting Activity (AAA).

2E   Foreign Military Sales Case Number

DLMS Note:

1. Use in the shipment loop, HL03=S, to identify three-position Security Cooperation (SC) Case Designator.

2. Within the WAWF application this element is used to construct the "Foreign Military Sales Case Number" which is the concatenation of the SC Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX.

93   Funds Authorization

DLMS Note:

Applicable to Line Item loop. Use to indicate the Standard Document Number. Length is 1-30.

AI   Associated Invoices

DLMS Note:

Applicable to Shipment loop. When used REF03 will reflect the associated invoice date in CCYYMMDD format.

AW   Air Waybill Number

DLMS Note:

Code Name

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit air waybill number.

AX Government Accounting Class Reference Number (ACRN)

DLMS Note:

Applicable to Line Item loop. Future enhancement to allow multiple ACRNS. When the future multiple ACRN is implemented, REF03 will contain the amount associated with the ACRN.

BL Government Bill of Lading

DLMS Note:

Applicable to Shipment loop. Use to identify the shipment unit Government bill of lading number

BM Bill of Lading Number

DLMS Note:

Applicable to Shipment loop. Use to identify the shipment unit commercial bill of lading number.

BN Booking Number

DLMS Note:

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify shipment unit "Sealift Booking Number."

CN Carrier's Reference Number (PRO/Invoice)

DLMS Note:

Use to identify the "PRO/Invoice Number." A PRO or invoice number is a progressively sequential numbering system generated by commercial carriers to identify freight bills.

DD Document Identification Code

DLMS Note:

1. Use to identify the Government Micro-Purchase Reference.

2. Use by the Government submitter to provide a value associated with a micro-purchase where no procurement document number is otherwise assigned.

DO Delivery Order Number

DLMS Note:

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

E4 Charge Card Number

DLMS Note:

Use to indicate (in REF02) the last four digits of the Government credit card number under which payment for this instrument will be accomplished.

FI File Identifier

DLMS Note:

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the "Port Call File Number (PCFN)." This is a sealift identifier generated and assigned by the Integrated Booking System to uniquely identify a booking; sometimes referred to as the government's booking number.

FS Final Sequence Number

DLMS Note:

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

IZ Insured Parcel Post Number

DLMS Note:

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit insured parcel post number.

JH Tag

DLMS Note:

Use in RFID/Pack loops to identify the RFID tag value at the applicable pack level (i.e.., palletized unit load, exterior container, or IUID packaging). Cite the RFID in the REF03.

K2 Certified Mail Number

DLMS Note:

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

Code	Name
	This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit certified mail number.
K3	Registered Mail Number

DLMS Note:

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit registered parcel post number.

KL   Contract Reference

DLMS Note:

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

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

A - Cooperative Agreement
B - DoD Contract (FAR)
C - DoD Contract (Non-FAR)
D - Grant
E - Intragovernmental
F - Intergovernmental
G - International Agreement
I - Non-DoD Contract (FAR)
J - Non-DoD Contract (Non-FAR)
K - Other Agreement
S - Uniform PIID (FAR 4.16)

LA   Shipping Label Serial Number

DLMS Note:

Use to identify the fixed-length 18 character Serial Shipping Container Code (SSCC) used by NATO partners to track shipment units. Only one SSCC per ASN is authorized.

LT   Lot Number

DLMS Note:

Use with HL03=PH to identify a batch or lot number for a product produced at one time under the same manufacturing conditions. The field length for batch or lot number is limited to 20 characters.

P1   Previous Contract Number

DLMS Note:

For WAWF, use to indicate a procurement instrument identifier (PIID) is being corrected. The vendor will enter the PIID of the immediately preceding Corrected Receiving Report or Receiving Report, to which this correction applies.

P4   Project Code

DLMS Note:

Use in the line item loop, HL03=I, to identify the MILSTRIP Project Code.

RE   Release Number

DLMS Note:

Applicable to Shipment loop. Indicate Y in REF02 when Alternate Release Procedures (ARP) are applicable.

RQ   Purchase Requisition No.

DLMS Note:

Applicable only to the Line Item Loop. Use to identity the Purchase Request Number. (Do not use for the requisition document number which is mapped to Qualifier Code TN, Transaction Reference Number.)

SE   Serial Number

DLMS Note:

1. For WAWF, use to identify the human readable serial number in the Quality Characteristics loop (HL03=G) and the HL03=P). Enter the actual serial number in REF02.

2. For the Pack loop, use the Mark Indicator "W9" in REF04-01 and enter "Yes" in REF04-02 for item serial number that is packed across multiple boxes; there must be one, and only one, mark indicator per item.

TG   Transportation Control Number (TCN)

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

Code	Name

DLMS Note:

The TCN is a 17-character data element assigned to control and manage every shipment unit throughout the transportation pipeline. The TCN for each shipment is unique and not duplicated.   Only one TCN per ASN is authorized.

TH   Transportation Account Code (TAC)

DLMS Note:

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.

U3   Unique Supplier Identification Number (USIN)

DLMS Note:

1. Use in IUID loop to identify the UII value. Cite the UII in REF03. Cite the UII pedigree serial number, when applicable, in REF02.

2. Use in RFID loop for UII value when RFID is provided at the IUID packaging level.

WY   Waybill Number

DLMS Note:

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit "Surface Waybill Number."

XY   Other Unlisted Type of Reference Number

DLMS Note:

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify "Other Unlisted Transportation Number." Use additional REF segment instance with Qualifier "0L" to explain the type of number identified.

ZH   Carrier Assigned Reference Number

DLMS Note:

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit "Express Mail Number".

ZM   Manufacturer Number

DLMS Note:

Use with HL03=PH to identify the text name of the product's manufacturer. For DMLSS, if a batch/lot is provided, the actual Manufacturer must be provided---either by submitting using N1 segment in PH Loop or providing this ZM Code with text name of manufacturer.

SCC   Security Cooperation Customer Code

DLMS Note:

1. Use in the shipment loop, HL03=S, to identify the two-position Security Cooperation Customer Code.

2. Within the WAWF application this element is used to construct the "Foreign Military Sales Case Number" which is the concatenation of the SC Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX.

3. A local code 'SCC' is established for use in the 856P, 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

DLMS Note:

1. Use in the shipment loop, HL03=S, to identify the one-position Security Cooperation Implementing Agency.

2. Within the WAWF application this element is used to construct the "Foreign Military Sales Case Number" which is the concatenation of the SC Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX.

3. A local code 'SCI' is established for use in the 856P, version 4010. A data maintenance action has been submitted for establishment of 'SCI- Security Cooperation Implementing Agency' in a future version.

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

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

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF03	352	**Description**	X	AN	1/80	Used

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

DLMS Note: *1. Use to indicate IUID value when REF01=U3.*

2. Use to indicate RFID when REF01=JH.

3. Use to identify the Routing Sequence Code (per TD501) as a cross reference when identifying secondary transportation identification numbers in WAWF, e.g. "B."

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF04	C040	**Reference Identifier**	O	Comp		Used

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF04-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code Name
W9   Special Packaging Instruction Number

DLMS Note:

For WAWF, use to provide the Multi Box Pack Indicator. Enter "Yes" in REF04-02 for a serially identified item that is packed across multiple boxes; there must be one, and only one, mark indicator per item.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF04-02	127	**Reference Identification**	M	AN	1/30	Must use

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

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

CLD Load Detail

Pos: 170	**Max: 1**
Detail - Mandatory	
Loop: CLD	**Elements: 4**

User Option (Usage): Must use

Purpose: To specify the number of material loads shipped

Syntax Rules:

1. C0504 - If CLD05 is present, then CLD04 is required.

Semantics:

1. CLD05 is used to dimension the value given in CLD04.

Comments:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CLD01	622	**Number of Loads**	M	N0	1/5	Must use
		Description: Number of customer-defined loads shipped by the supplier				
		DLMS Note: *Cite 1 for ANSI syntax.*				
CLD02	382	**Number of Units Shipped**	M	R	1/10	Must use
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
		DLMS Note: *Indicate the quantity of the item shipped for the requisition number cited in the REF segment.*				
CLD04	357	**Size**	X	R	1/8	Used
		Description: Size of supplier units in pack				
		DLMS Note: *When used to relate quantity shipped to one or more requisition numbers, enter 1 (one) to satisfy syntax requirements.*				
CLD05	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		DLMS Note: *1. 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.*				
		2. DLMS users see the DLMS Unit of Issue and Purchase Unit Conversion Table for available codes.				

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

REF Reference Identification

Pos: 180	**Max: 200**
Detail - Optional	
Loop: CLD	**Elements: 3**

User Option (Usage): Used

Purpose: To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code	Name
TN	Transaction Reference Number

> **DLMS Note:**
> *Use to indicate the transaction number (i.e., the requisition number).*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	X	AN	1/30	Used

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF04	C040	**Reference Identifier**	O	Comp		Used

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF04-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code	Name
W8	Suffix

> **DLMS Note:**
> *Use with REF01 code TN, if applicable, to cite a suffix associated with the cited requisition (document) number.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF04-02	127	**Reference Identification**	M	AN	1/30	Must use

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

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

DTM   Date/Time Reference

<table>
<tr><td>Pos: 200</td><td>Max: 10</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: HL</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Syntax Rules:

1. C0403 - If DTM04 is present, then DTM03 is required.
2. P0506 - If either DTM05 or DTM06 is present, then the other is required.
3. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

DLMS Note: *Use only one code except for bulk petroleum shipments which may cite codes 011 and 375 together, if applicable.*

Code Name

011   Shipped

> **DLMS Note:**
>
> *Use to indicate that a supply activity has shipped (i.e., the date a shipment was released to a carrier).*

017   Estimated Delivery

097   Transaction Creation

> **DLMS Note:**
>
> *Use to indicate the date the Government credit card transaction was authorized (card swipe date).*

139   Estimated

> **DLMS Note:**
>
> *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).*

198   Completion

> **DLMS Note:**
>
> *Use to indicate date completed for services rendered.*

201   Acceptance

245   Estimated Completion

> **DLMS Note:**
>
> *Use to identify the estimated date that a service will be completed or performed.*

511   Shelf Life Expiration

> **DLMS Note:**
>
> *Use with HL03=PH to provide the shelf-life expiration date.*

517   Inspected

> **DLMS Note:**
>
> *May be used to identify the inspection date when inspection does not occur at the same location responsible for acceptance.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	X	DT	8/8	Used

Description: Date expressed as CCYYMMDD

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ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

FOB F.O.B. Related Instructions

<div>
Pos: 210   Max: 1
Detail - Optional
Loop: HL   Elements: 2
</div>

User Option (Usage): Used

Purpose: To specify transportation instructions relating to shipment

Syntax Rules:

1. C0302 - If FOB03 is present, then FOB02 is required.
2. C0405 - If FOB04 is present, then FOB05 is required.
3. C0706 - If FOB07 is present, then FOB06 is required.
4. C0809 - If FOB08 is present, then FOB09 is required.

Semantics:

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.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	146	**Shipment Method of Payment**	M	ID	2/2	Must use

Description: Code identifying payment terms for transportation charges

Code	Name
DF	Defined by Buyer and Seller

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB02	309	**Location Qualifier**	X	ID	1/2	Used

Description: Code identifying type of location

Code	Name
DE	Destination (Shipping)
IT	Intermediate FOB Point
OR	Origin (Shipping Point)

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

N1   Name

<div style="border:1px solid black">

Pos: 220   **Max: 1**
Detail - Mandatory
Loop: N1   **Elements: 5**

</div>

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

1. P0304 - If either N103 or N104 is present, then the other is required.
2. R0203 - At least one of N102 or N103 is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

DLMS Note:

Must use at least one iteration of this N1 segment to identify the organization to receive the transaction (N106 code TO with appropriate N101 code).   May use additional iterations to identify other organizations associated with the transaction.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

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

Code Name

BK   Bank

> **DLMS Note:**
> *Use to identify the bank that issued the Government Credit Card.*

BY   Buying Party (Purchaser)

> **DLMS Note:**
> *This is the contracting office that issued the contract identified by DoDAAC.*

C4   Contract Administration Office

> **DLMS Note:**
> *Use to identify the Administered By activity.*

CJ   Automated Data Processing (ADP) Point

> **DLMS Note:**
> *Use to identify WAWF as the transaction originator.*

FP   Name on Credit Card

> **DLMS Note:**
> *Use to identify the last name of the Government credit card holder. Identify the name in N102.*

KK   Registering Party

> **DLMS Note:**
> *1. Use to identify the Component UIT registry. May be used by a Component when their UIT process requires that a copy of the transaction also be sent to a UIT registry for information purposes. Must be used with 2/N106/220 code 'PK-Party to Receive Copy' to identify that this is only an information copy of the transaction, for use with the Component UIT registry.*
>
> *2. When used to identify the Accountable Property System of Record (APSR) Property Book Identifier, enter the identifier in N104.*

KZ   Acceptance Location

> **DLMS Note:**
> *Use to indicate acceptance is at other than origin or destination.*

L1   Inspection Location

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

			Code	Name				

Code Name

DLMS Note:

Use to indicate the inspection location when it has to be described as an address.

PO   Party to Receive Invoice for Goods or Services

DLMS Note:

1. Use to indicate where the invoice should be sent.

2. This is the Local Processing Official (LPO) identified by DoDAAC; not applicable on MOCAS or SAMMS/BSM paid contracts.

PR   Payer

DLMS Note:

1. Use to identify the Payment Will be Made by Activity.

2. This is the Defense Finance and Accounting Service (DFAS) office responsible for payment identified by DoDAAC.

SE   Selling Party

DLMS Note:

Use to identify the Prime Contractor.

SF   Ship From

DLMS Note:

Use to indicate the Ship From activity (shipping point).

ST   Ship To

DLMS Note:

Use to indicate the Ship-to location. Do not use for service line items when there is no shipment of materiel.

SU   Supplier/Manufacturer

DLMS Note:

For DMLSS, if a batch/lot is provided in REF/150 of PH Loop, the actual Manufacturer must be provided---either by using this N1 segment in PH Loop or also using the REF01/150 ZM Code with text name of manufacturer. The manufacturer may be identified by CAGE.

SV   Service Performance Site

DLMS Note:

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.

Z7   Mark-for Party

N102	93	**Name**	X	AN	1/60	Used	

Description: Free-form name

DLMS Note: *Use with N101code FP to identify the last name of the card holder.*

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

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

Code Name

10   Department of Defense Activity Address Code (DODAAC)

31   Bank Identification Code

DLMS Note:

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)

A2   Military Assistance Program Address Code (MAPAC)

DLMS Note:

Use to identify a Foreign Military Sale/Grant Aid Ship-To or Mark-For address. Use when N101 is code ST.

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

Code	Name
UE	Unique Entity Identifier

DLMS Note:

Approved for use in X12 version 8020.

Code	Name
UR	Uniform Resource Locator (URL)

DLMS Note:

Use when appropriate to identify the Component UIT registry.

Code	Name
ZZ	Mutually Defined

DLMS Note:

Use to identify WAWF as the transaction originator.

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

Description: Code identifying a party or other code

DLMS Note: *Use to cite the actual Department of Defense Activity Address Code, Commercial and Government Entity Code, Military Assistance Program Address Code, or the APSR property book identifier; of the activity cited in N101, as signaled in N103.*

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

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

Code	Name
FR	Message From

DLMS Note:

Use to indicate that the organization cited in N104 transmitted the transaction set.

Code	Name
PK	Party to Receive Copy

DLMS Note:

Use when appropriate to send an information copy of the transaction to a Component UIT registry or APSR. For use with N101 code KK.

Code	Name
TO	Message To

DLMS Note:

Use to indicate that the organization cited in N104 is to receive the transaction set.

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

N2 Additional Name Information

Pos: 230	**Max: 2**
Detail - Optional	
Loop: N1	**Elements: 2**

User Option (Usage): Used

Purpose: To specify additional names or those longer than 35 characters in length

DLMS Note:

Not applicable to initial DLMS implementation (intended for future use to provide clear-text ship-to addresses when either DoDAAC or proper associated address is not available for direct vendor delivery).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	**Name**	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	**Name**	O	AN	1/60	Used
		Description: Free-form name				

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

N3 Address Information

Pos: 240	**Max:** 2
	Detail - Optional
Loop: N1	**Elements:** 2

User Option (Usage): Used

Purpose: To specify the location of the named party

DLMS Note:

Not applicable to initial DLMS implementation (intended for future use to provide clear-text ship-to addresses when either DoDAAC or proper associated address is not available for direct vendor delivery).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A,
1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

N4 Geographic Location

Pos: 250 **Max: 1**
Detail - Optional
Loop: N1 **Elements: 6**

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

2. N402 is required only if city name (N401) is in the U.S. or Canada.

DLMS Note:

Not applicable to initial DLMS implementation (intended for future use to provide clear-text ship-to addresses when either DoDAAC or proper associated address is not available for direct vendor delivery).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
		DLMS Note: *Do not use a dash in the zip code.*				
N404	26	**Country Code**	O	ID	2/3	Used
		Description: Code identifying the country				
		DLMS Note: *See introductory DLMS note 8 (Refer to ADC 1075 for implementation).*				
N405	309	**Location Qualifier**	X	ID	1/2	Used
		Description: Code identifying type of location				

Code Name

AR   Armed Services Location Designation

> **DLMS Note:**
>
> *Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO)*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N406	310	**Location Identifier**	X	AN	1/30	Used
		Description: Code which identifies a specific location				

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

REF   Reference Identification

Pos: 260	**Max: 12**
Detail - Optional	
Loop: N1	**Elements: 2**

User Option (Usage): Used

Purpose: To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Used

Description: Code qualifying the Reference Identification

DLMS Note: *The following code is authorized.*

Code Name

7U   Related Transaction Reference Number

DLMS Note:

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.

EF   Electronic Funds Transfer ID Number

DLMS Note:

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF03	352	**Description**	X	AN	1/80	Used

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

DLMS Note: *Use only when REF01 is 7U.*

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

PER   Administrative Communications Contact

Pos: 270	**Max: 3**
Detail - Optional	
Loop: N1	**Elements: 4**

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

Code	Name
IC	Information Contact

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER02	93	**Name**	O	AN	1/60	Used

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number

Code	Name
TE	Telephone

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER04	364	**Communication Number**	X	AN	1/80	Used

Description: Complete communications number including country or area code when applicable

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

SDQ   Destination Quantity

<table>
<tr><td>Pos: 290</td><td>Max: 50</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: HL</td><td>Elements: 23</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify destination and quantity detail

Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.
4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

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

DLMS Note: *Use Code ZZ as filler in 2/HL/010 RFID loops to satisfy the X12 standards syntax.*

Code	Name
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ02	66	**Identification Code Qualifier**	O	ID	1/2	Used

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

Federal Note: *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 Content/Quantity loop.

Code	Name
UE	Unique Entity Identifier

DLMS Note:

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ03	67	**Identification Code**	M	AN	2/80	Must use

Description: Code identifying a party or other code

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ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A,
1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		DLMS Note: *1. Use in 2/HL/10 RFID/Pack loop to associate a CLIN/SubCLIN/ELIN with the RFID tag value.*				
		2. Use subsequent code/quantity pairs as needed				
SDQ04	380	**Quantity**	M	R	1/15	Must use
		Description: Numeric value of quantity				
		DLMS Note: *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	Used
		Description: Code identifying a party or other code				
SDQ06	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ07	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ08	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ09	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ10	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ11	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ12	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ13	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ14	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ15	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ16	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ17	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ18	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ19	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ20	380	**Quantity**	X	R	1/15	Used

DLMS Implementation Convention (IC) 856P
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ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Numeric value of quantity				
SDQ21	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ22	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ23	310	**Location Identifier**	O	AN	1/30	Used
		Description: Code which identifies a specific location				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>

DLMS Implementation Convention (IC) 856P
Advance Shipment Notice (ASN)

ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

CUR Currency

<div style="border:1px solid">

Pos: 310   **Max: 1**

Detail - Optional

Loop: HL   **Elements: 2**

</div>

User Option (Usage): Used

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

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. C1110 - If CUR11 is present, then CUR10 is required.
4. C1210 - If CUR12 is present, then CUR10 is required.
5. C1413 - If CUR14 is present, then CUR13 is required.
6. C1513 - If CUR15 is present, then CUR13 is required.
7. C1716 - If CUR17 is present, then CUR16 is required.
8. C1816 - If CUR18 is present, then CUR16 is required.
9. C2019 - If CUR20 is present, then CUR19 is required.
10. C2119 - If CUR21 is present, then CUR19 is required.
11. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
12. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
13. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
14. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.

Comments:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code Name				
		BY Buying Party (Purchaser)				
CUR02	100	**Currency Code**	M	ID	3/3	Must use
		Description: Code (Standard ISO) for country in whose currency the charges are specified				
		DLMS Note: *Use to identify Foreign Currency.*				

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ADC 129, 162, 165, 177, 231, 303, 362, 438, 439, 448, 448B, 1042, 1075, 1113, 1121, 1136, 1157, 1161A, 1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

SAC Service, Promotion, Allowance, or Charge Information

Pos: 320	**Max: 1**
Detail - Mandatory	
Loop: SAC	**Elements: 2**

User Option (Usage): Must use

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 Rules:

1. C1110 - If SAC11 is present, then SAC10 is required.
2. C1413 - If SAC14 is present, then SAC13 is required.
3. C1615 - If SAC16 is present, then SAC15 is required.
4. P0304 - If either SAC03 or SAC04 is present, then the other is required.
5. P0607 - If either SAC06 or SAC07 is present, then the other is required.
6. P0910 - If either SAC09 or SAC10 is present, then the other is required.
7. R0203 - At least one of SAC02 or SAC03 is required.
8. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.

Semantics:

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.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator**	M	ID	1/1	Must use

Description: Code which indicates an allowance or charge for the service specified

Code	Name
N	No Allowance or Charge

> **DLMS Note:**
> *Use with code B020 in SAC02 to indicate a shipment is made under Certificate of Conformance terms.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X	ID	4/4	Used

Description: Code identifying the service, promotion, allowance, or charge

Code	Name
B020	Certificate of Conformance

> **DLMS Note:**
> *Use to indicate when contract terms provide for use of Certificate of Conformance, and shipment is*

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1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

Code Name

made under those terms.

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LM Code Source Information

Pos: 340	**Max: 1**
Detail - Mandatory	
Loop: LM	**Elements: 1**

User Option (Usage): Must use

Purpose: To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LM01	559	**Agency Qualifier Code**	M	ID	2/2	Must use

     Description: Code identifying the agency assigning the code values

     Code Name

     DF   Department of Defense (DoD)

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LQ   Industry Code

Pos: 350	**Max:** 100
Detail - Mandatory	
Loop: LM	**Elements:** 2

User Option (Usage): Used

Purpose: Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LQ01	1270	**Code List Qualifier Code**	X	ID	1/3	Used

Description: Code identifying a specific industry code list

Code Name

0   Document Identification Code

6   Special Contract Provision Code

> **DLMS Note:**
>
> *Use to indicate special contract provisions applicable to the shipment.*

7   Quality Assurance Site Code

> **DLMS Note:**
>
> *Use to indicate the quality assurance performance location.*

8   Acceptance Site Code

> **DLMS Note:**
>
> *Use to indicate the acceptance site.*

10   Transaction Status Indicator Code

> **DLMS Note:**
>
> *Use to identify the status of supply and service shipment notices.*

14   Contract Shipment Advice Code

> **DLMS Note:**
>
> *Use as required to identify contract shipment advice information for supply and service shipment notices.*

16   Cash Discount Stipulation Code

> **DLMS Note:**
>
> *Use to indicate that a shipment involves discount payment terms.*

83   Supply Condition Code

> **DLMS Note:**
>
> *1. For WAWF, use in the IUID Loop (2/HL/010, HL03 = D) to identify the supply condition code (SCC) associated with serial number or UII in 2/REF/150. Provide the SCC value in 2/LQ02/350. Only provide one SCC per serial number or UII.*
>
> *2. For WAWF, use in the Item loop (2/HL/010, HL03 = I) to identify the SCC associated with all items.*
>
> *3. The Distribution Standard System (DSS) does not use SCC in the DLMS 856P ASN; therefore, DSS may drop the SCC upon processing.*

GQ   Group Qualifier Code

> **DLMS Note:**
>
> *Use to identify the Material Management Aggregation Code (MMAC) for NSNs to be managed by a specific manager (i.e., system, program, aggregation, selected FSC, technology group). This is an Air Force-unique data element, meaningful to the Air Force only. Non-Air Force Components perpetuate without action.*
>
> *A data maintenance action was approved in version 5010. The approved code/name is "MAC – Material Management Aggregation Code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.*

Code   Name

COG   Cognizance Symbol

> **DLMS Note:**
>
> *1. Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.*
>
> *2. DLMS enhancement.*

MCC   Material Control Code

> **DLMS Note:**
>
> *1. Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.*
>
> *2. DLMS enhancement.*

SMI   Special Material Identification Code

> **DLMS Note:**
>
> *1. Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.*
>
> *2. DLMS enhancement.*

LQ02	1271	**Industry Code**	X	AN	1/30	Used

Description: Code indicating a code from a specific industry code list

DLMS Note: *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 Standards 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 DPSC clothing contracts).

3. When preparing a Defense Logistics Management Standards 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 Standards 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 Standards 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 Standards shipment performance notice, and when LQ01 is code 14, use, as applicable only one of the codes: A (Components

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		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 Standards.				
		7. When LQ01 is code 16, use one of the following codes: D (Discount), or N (No discount).				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		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).				

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1183, 1202, 1215, 1254. 1335, 1345, 1353, 1367, 1412, 1420 and MFR 1503   DLM 4000.25

SE   Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Used

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)

Comments:

1. SE is the last segment of each transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		DLMS Note: *Cite the same number as the one cited in ST02.*				