

# 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:

1. Organizations use this transaction set to provide shipment status to the wholesale distribution system for authorized materiel returns, including automatic returns. Use a single occurrence of this transaction set to transmit single or multiple shipment status transactions to one inventory control point (ICP)/ integrated material manager (IMM).
2. 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](http://www.dla.mil/does/DLMS).
3. This DLMS Implementation Convention contains:
  - a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with DEDSO prior to use.
  - b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with DEDSO prior to use.
  - c. Legacy MILSTRIP data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed legacy MILSTRIP/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DEDSO for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.
  - d. Data elements which have an expanded files size above existing legacy MILSTRIP capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DEDSO prior to use.
  - e. Repetition of data (using multiple iterations or loops) which is not compatible with existing legacy MILSTRIP capability. Although supported by the use of the ANSI X12 standard, such data is not compatible with legacy MILSTRIP/DLMS conversion and may not be supported by the recipient's automated processing system. Components must coordinate implementation of enhanced capability with DEDSO prior to use.
  - f. Data associated with a DLMS enhancement authorized for implementation by modernized systems under DLMS migration. This data (including expanded field sizes) should be adopted during, or subsequent to, modernization when applicable to the Component's business process. Prior coordination is not required. Components should ensure that inclusion of this data in a DLMS transaction does not cause inappropriate rejection of the transaction.
4. This transaction may be used to provide item unique identification (IUID) information in accordance with DLMS procedures and OSD Supply Policy. Refer to the item unique identification (IUID) web at URL: <http://www.acq.osd.mil/dpap/pdi/iuid/> for DoD policy.
5. This transaction may be used to provide passive Radio Frequency Identification (RFID) tag identification as applicable to interior and exterior packaging.
6. All new development and significant enhancements to the DLMS 856R must use the 4030 version of the DLMS Implementation Convention. The 4010 version of the DLMS 856R IC will be phased out in 2019, to correspond with the deadline for full DLMS compliance per the OSD AT&L Strategy.
7. Effective April 1, 2014, refer to ADC 1075. Users must reference the GENC Standard for country codes (<https://nsgreg.nga.mil/overview.jsp>) for a listing of authorized values. Under DLMS, use the GENC Digraph (two-character) code values.
8. This revision to the DLMS IC incorporates Proposed DLMS Change (PDC) and Approved DLMS Changes (ADC) listed. PDCs and ADCs are available from the DEDSO Web site: <http://www.dla.mil/HQ/InformationOperations/DLMS/eLibrary/Changes/processchanges/>

- ADC 62, Revision to DS 856R, Shipment Status Materiel Returns
- ADC 62A, Addendum for Revision to DS 856R, Shipment Status Materiel Returns
- ADC 241, UID of Items and RFID in DLMS Supplement 856R, Shipment Status Materiel Returns
- ADC 353A, Revised Procedures for Pre-positioned Materiel Receipt (PMR) and Shipment Status for Retrograde and Directed Discrepant/Deficient Materiel Returns Including Corrected Time Standard for Security Assistance/Foreign Military Sales (SA/FMS) (Supply/SDR/PQDR/TDR/Retrograde)

- ADC 417, *Shipment Status for Local Delivery Manifested, Outbound MILS Shipments on Behalf of On-Base Customers, Re-Warehousing Actions between Distribution Depots, and non-MILS Shipments to Off-Base Customers, with Passive RFID*
- ADC 448, *Implementation of International Organization for Standardization (ISO) 3166-1 Codes for the Identification of Countries and their Subdivisions*
- ADC 448B, *Delayed implementation for International Organization for Standardization (ISO) 3166-1 Codes for the Identification of Countries and their Subdivisions*
- ADC 1014, *Revised Procedures for Inclusion of Contract Data in Transactions Associated with Government Furnished Property (GFP) and Management Control Activity (MCA) Validation of Contractor Furnished Materiel (CFM) Requisitions*
- ADC 1043C, *Administrative Corrections for SLOA Data in the 810L Logistics Bill and other DLMS ICs*
- ADC 1071, *Implementation of Item Unique Identification (IUID) Supply Policy in Version 4030 DLMS 856R Shipment Status Materiel Returns*
- 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 21, 2014.*
- ADC 1136, *Revise Unique Item Tracking (UIT) Procedures to support DODM 4140.01 UIT Policy and Clarify Requirements (Supply)*
- ADC 1161, *Update uniform Procurement Instrument Identifier (PIID) numbering system in the Federal/DLMS Implementation Conventions and DLMS Manuals (Supply/Contract Administration)*
- ADC 1198, *Establishing Visibility of Capital Equipment for Service Owned Assets Stored at DLA Distribution Centers*
- *Administrative Update to Reflect Realignment to Recognize DLMS Program Office Completed on January 17, 2017*
- ADC 1244, *Establishing Visibility of Unique Item Tracking (UIT) Program Items for Service-Owned Assets Stored at DLA Distribution Centers and Corresponding Revisions to Inventory Procedures Related to Capital Equipment*
- ADC 1244B, *Establishing Visibility of Unique Item Tracking (UIT) Program Items for Service-Owned Assets Stored at DoD Storage Activities and Corresponding Revisions to the Small Arms and Light Weapons Program*
- ADC 1249, *Revised Procedures for Directed Return of Discrepant/ Deficient Materiel including New Document Number Assignment for Return Shipment*
- *Administrative Update to Reflect Realignment of DLMS Program Office to Enterprise Business Standards Office (EBSO) - Completed on February 21, 2019*
- ADC 1287, *DLMS Implementation Convention (IC) Revisions for Data Element Mapping (Form Stock Number and Manufacturer's Part Number), Removal of Plant Equipment Number, and Administrative Updates*
- 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 March 8, 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 1429, *Update DLMS 856R 4030 Shipment Status Materiel Returns – Update Code Associations for Transaction Type Qualifier*

**Heading:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	BSN	Beginning Segment for Ship Notice	M	1			Must use
* 0400	DTM	Date/Time Reference	O	10			Not Used

**Detail:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - HL</b>					<b>200000</b>	<b>C2/0100L</b>	
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
0200	LIN	Item Identification	O	1			Used
0300	SN1	Item Detail (Shipment)	O	1			Used
* 0400	SLN	Subline Item Detail	O	1000			Not Used
* 0500	PRF	Purchase Order Reference	O	1			Not Used
* 0600	PO4	Item Physical Details	O	1			Not Used
* 0700	PID	Product/Item Description	O	200			Not Used
* 0800	MEA	Measurements	O	40			Not Used
* 0900	PWK	Paperwork	O	25			Not Used
* 1000	PKG	Marking, Packaging, Loading	O	25			Not Used
* 1100	TD1	Carrier Details (Quantity and Weight)	O	20			Not Used
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
<b>* LOOP ID - TD3</b>					<b>12</b>		

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
1300	TD3	Carrier Details (Equipment)	O	1			Used
1350	AT9	Trailer or Container Dimension and Weight	O	1			Used
* 1400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Not Used
* 1450	TSD	Trailer Shipment Details	O	1			Not Used
1500	REF	Reference Identification	O	>1			Used
* 1510	PER	Administrative Communications Contact	O	3			Not Used
<b>* LOOP ID - LH1</b>				<b><u>100</u></b>			
1520	LH1	Hazardous Identification Information	O	1			Used
1530	LH2	Hazardous Classification Information	O	4			Used
1540	LH3	Hazardous Material Shipping Name	O	12			Used
1550	LFH	Freeform Hazardous Material Information	O	20			Used
1560	LEP	EPA Required Data	O	>1			Used
1570	LH4	Canadian Dangerous Requirements	O	1			Used
1580	LHT	Transborder Hazardous Requirements	O	3			Used
1590	LHR	Hazardous Material Identifying Reference Numbers	O	10			Used
1600	PER	Administrative Communications Contact	O	5			Used
1610	LHE	Empty Equipment Hazardous Material Information	O	1			Used
<b>* LOOP ID - CLD</b>				<b><u>200</u></b>			
1700	CLD	Load Detail	O	1			Used
1800	REF	Reference Identification	O	200			Used
1850	DTP	Date or Time or Period	O	1			Used
* 1900	MAN	Marks and Numbers	O	>1			Not Used
2000	DTM	Date/Time Reference	O	10			Used
* 2100	FOB	F.O.B. Related Instructions	O	1			Not Used
* 2150	PAL	Pallet Information	O	1			Not Used
<b>LOOP ID - N1</b>				<b><u>200</u></b>			
2200	N1	Name	O	1			Used
2300	N2	Additional Name Information	O	2			Used
2400	N3	Address Information	O	2			Used
2500	N4	Geographic Location	O	1			Used
* 2600	REF	Reference Identification	O	12			Not Used
* 2700	PER	Administrative Communications Contact	O	3			Not Used
* 2800	FOB	F.O.B. Related Instructions	O	1			Not Used
* 2900	SDQ	Destination Quantity	O	50			Not Used
* 3000	ETD	Excess Transportation Detail	O	1			Not Used
* 3100	CUR	Currency	O	1			Not Used
<b>* LOOP ID - SAC</b>				<b><u>&gt;1</u></b>			
* 3200	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Not Used
* 3250	CUR	Currency	O	1			Not Used
3300	GF	Furnished Goods and Services	O	1			Used
* 3350	YNQ	Yes/No Question	O	10			Not Used
<b>LOOP ID - LM</b>				<b><u>10</u></b>			

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
3400	LM	Code Source Information	O	1			Used
3500	LQ	Industry Code	M	100			Must use
* LOOP ID - V1					≥1		
3600	V1	Vessel Identification	O	1			Used
3700	R4	Port or Terminal	O	>1			Used
3800	DTM	Date/Time Reference	O	>1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* 0100	CTT	Transaction Totals	O	1		N3/0100	Not Used
0200	SE	Transaction Set Trailer	M	1			Must use

Notes:

3/0100

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:

2/0100L

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

2/0100

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

ST Transaction Set Header

Pos: 0100Max: 1

Heading - Mandatory

Loop: N/AElements: 3

User Option (Usage): Must use

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

- Semantics:
- 1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
  - 2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use	1
Description: Code uniquely identifying a Transaction Set							
Code Name							
856 Ship Notice/Manifest							
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set							
DLMS Note: A unique number assigned by the originator of the transaction set, or the originator's application program.							
ST03	1705	Implementation Convention Reference	O	AN	1/35	Used	1
Description: Reference assigned to identify Implementation Convention							
DLMS Note: Use to indicate this transmission uses the 856R DLMS Implementation Convention (IC). Enter the DLMS IC: 004030F856R0RA00.							

BSN Beginning Segment for Ship Notice

Pos: 0200Max: 1

Heading - Mandatory

Loop: N/AElements: 6

User Option (Usage): Must use

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

- Syntax Rules:
- C0706 - If BSN07 is present, then BSN06 is required.

- Semantics:
- BSN03 is the date the shipment transaction set is created.
  - BSN04 is the time the shipment transaction set is created.
  - BSN06 is limited to shipment related codes.

- Comments:
- BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BSN01	353	Transaction Set Purpose Code	M	ID	2/2	Must use	1
<b>Description:</b> Code identifying purpose of transaction set							
<b>Code Name</b>							
00 Original							
01 Cancellation							
<b>DLMS Note:</b>							
1. Use when a shipment status must be reversed. Cancellations shall not be used unless the materiel is still on hand.							
2. Applicable when used for retrograde returns and directed returns of discrepant/deficient materiel (BSN06/640/Code RD). Not applicable to MILSTRIP Materiel Returns Program except as authorized for intra-Component use.							
3. DLMS enhancement. Refer to ADC 353A.							
77		Simulation Exercise					
<b>DLMS Note:</b>							
Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.							
CO		Corrected					
<b>DLMS Note:</b>							
1. Use to correct shipment information (e.g., TCN or RFID tag number).							
2. Applicable when used for retrograde returns and directed returns of discrepant/deficient materiel. Not applicable to MILSTRIP Materiel Returns Program except as authorized for intra-Component use.							
3. DLMS enhancement. Refer to ADC 353A.							
BSN02	396	Shipment Identification	M	AN	2/30	Must use	1
<b>Description:</b> A unique control number assigned by the original shipper to identify a specific shipment							
<b>DLMS Note:</b> Use Code "ZZ" for this data element to satisfy mandatory X12 syntax requirements.							

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
BSN03	373	<b>Date</b>  <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <b>DLMS Note:</b> <i>This date corresponds to the Universal Time Coordinate (UTC).</i>	M	DT	8/8	Must use	1
BSN04	337	<b>Time</b>  <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <b>DLMS Note:</b> 1. Express the originating activity's time in UTC. 2. Express time in a four-position (HHMM) format.	M	TM	4/8	Must use	1
BSN06	640	<b>Transaction Type Code</b>  <b>Description:</b> Code specifying the type of transaction  <b>Code Name</b> FT Material Returns <b>DLMS Note:</b> <i>Use to indicate this transaction provides shipment status information related to materiel returns program transactions (MILSTRIP FTM, Shipment Status (Customer Status to ICP/IMM). For all other types of returns, use Code RD.</i> RD Returns Detail <b>DLMS Note:</b> 1. Use for retrograde shipment for return or repair which fall outside the scope of the MILSTRIP Materiel Returns Program asset reporting. 2. Use when seeking intra-Service DLR Exchange Pricing credit for materiel turn-in. 3. Use when shipping directed return of discrepant/deficient materiel associated with a Supply Discrepancy Report (SDR), Product Quality Deficiency Report (PQDR), or Transportation Discrepancy Report (TDR). 4. Use in conjunction with a Return Type Code to identify the reason for the return (LQ01= KYL). 5. DLMS enhancement. Refer to ADC 353A.	X	ID	2/2	Must use	1
BSN07	641	<b>Status Reason Code</b>  <b>Description:</b> Code indicating the status reason  <b>Code Name</b> 091 Reprocessed <b>DLMS Note:</b> <i>Trans-ship/Cross-dock Shipment Status (non-CCP). Use to identify that shipment status is provided by a location performing consolidation subsequent to original shipment (e.g., local delivery manifesting) in support of passive RFID data exchange. The status may reflect multiple levels of pack associated with the lead Transportation Control Number (TCN). It may update the shipment date or mode of shipment while providing visibility of additional or replacement passive RFID tag values associated with the original shipment as a result of processing/ reconfiguration. The Shipment Status should not be used to overlay the original shipment status in the receiving application, as this may result in some loss of data content. Refer to ADC 417.</i>	O	ID	3/3	Used	1

HL

Hierarchical Level

Pos: 0100

Max: 1

Detail - Mandatory

Loop: HL

Elements: 3

**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:

1. The transaction set hierarchical data structure is address information, followed by transaction shipment status, followed interior/exterior packaging RFID and/or by IUID as applicable.
2. Use the first 2/HL/0100 loop iteration to provide transaction set originating activity address information.
3. Use the second and subsequent 2/HL/0100 loop iterations to identify individual transaction shipment status information.
4. Use additional 2/HL/0100 loop iterations to identify RFID as applicable.
5. Use additional 2/HL/0100 loop iterations to identify IUID information as applicable.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
HL01	628	<div>Hierarchical ID Number</div> <div>Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure</div> <div>DLMS Note: In the first 2/HL/0100 loop iteration, cite 1. In each subsequent loop iteration, increase incrementally by 1.</div>	M	AN	1/12	Must use	1
HL02	734	<div>Hierarchical Parent ID Number</div> <div>Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to</div> <div>DLMS Note: 1. Use to provide association (parent/child relationship) between interior and exterior packaging when multiple RFID tags are employed in the shipment. Use in the subordinate (child) loop to identify the HL01 ID Number of the next higher parent loop.</div> <div>2. IUID loops may be associated with a parent RFID loop (e.g. item pack). Not applicable to the IUID loop if no specific parent RFID loop is identified.</div>	O	AN	1/12	Used	1
HL03	735	<div>Hierarchical Level Code</div>	M	ID	1/2	Must use	1



<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
<b>Description:</b> Code defining the characteristic of a level in a hierarchical structure							
<b>DLMS Note:</b> <i>The following informational loops are applicable to this transaction. When all loops are used, the HL sequence is V (address), W (materiel returns shipment status), P (RFID), and I (IUID). RFID and IUID loops are optional. Use multiple P loops to depict a nested RFID relationship.</i>							
<b><u>Code</u></b> <b><u>Name</u></b>							
I		Item	<b>DLMS Note:</b> <i>Use to identify item IUID data consistent with IUID data requirements. The IUID data is carried in the REF and N1 segments; no other segments are used in the IUID loop. Use a separate IUID loop for each item. If an RFID is provided at the item level it will be reflected in this loop. Skip this level when not applicable.</i>				
P		Pack	<b>DLMS Note:</b> <i>Use to identify the passive RFID tag identification. The tag identification is carried in the REF segment; no other segments are used in this loop at this time. Use a separate RFID loop for each RFID associated with the shipment using the HL02 parent ID to create a parent/child (nested) relationship. Skip this level when not applicable.</i>				
V		Address Information	<b>DLMS Note:</b> <i>Use to identify the transaction set originating activity address loop.</i>				
W		Transaction Reference Number	<b>DLMS Note:</b> <i>Use to identify the individual transaction materiel returns shipment status loops.</i>				

# LIN Item Identification

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 4

User Option (Usage): Used

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.

**DLMS Note:**

*Must use in 2/HL/0100 transaction reference number loops to identify the materiel shipped. Do not use in the 2/HL/0100 address loop.*

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use	1
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)							
<b>DLMS Note:</b> 1. Use only one of codes A2, A4, FB, FS, FT, MG, or YP to identify the materiel shipped. Must use the National Stock Number (NSN) when known, except when appropriate brand name subsistence items are identified by the Subsistence Identification Number.							
2. The following codes are authorized.							
<b><u>Code</u> <u>Name</u></b>							
A2	Department of Defense Identification Code (DoDIC)						
<b>DLMS Note:</b>							
1. Use to identify ammunition items.							
2. DLMS enhancement; see introductory DLMS note 3a.							
A4	Subsistence Identification Number						

**Code Name****DLMS Note:***Use to identify subsistence items.*

F4 Series Identifier

**DLMS Note:***1. Use to identify the manufacturer's series number of the end item.**2. DLMS enhancement; see introductory DLMS note 3a.*

FB Form Number

**DLMS Note:***1. Use to identify the form stock number.**2. DLMS enhancement; see introductory DLMS note 3a.*

FS National Stock Number

FT Federal Supply Classification

**DLMS Note:***1. Use to identify nonstandard materiel when a part number is not available, and materiel reported was identified by description (e.g., non NSN lumber products).**2. Use only with BSN06 code RD.*

MG Manufacturer's Part Number

**DLMS Note:***Use to identify nonstandard materiel.*

MN Model Number

**DLMS Note:***1. Use to identify the manufacturer's model number of the end item.**2. DLMS enhancement; see introductory DLMS note 3a.*

YP Publication Number

**DLMS Note:***1. Use to identify the publication stock number.**2. DLMS enhancement; see introductory DLMS note 3a.*

ZZ Mutually Defined

**DLMS Note:***Use to identify nonstandard materiel when all other authorized codes do not apply or cannot be determined. May be used for legacy MILSTRIP-to-DLMS conversion when the translator cannot determine a more appropriate code.*

LIN03	234	<b>Product/Service ID</b>	M	AN	1/48	Must use	1
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**Description:** Identifying number for a product or service

LIN04	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used	1
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)**DLMS Note:** *Use only one of codes CN or ZB to fully identify the materiel.***Code Name**

CN Commodity Name

**DLMS Note:***Use with LIN02 code FT to identify the materiel name or description.*

ZB Commercial and Government Entity (CAGE) Code

**DLMS Note:***Use with LIN02 code MG to uniquely identify a manufacturer's part number.*

LIN05	234	Product/Service ID	X	AN	1/48	Used	1
		Description: Identifying number for a product or service					

SN1Item Detail (Shipment)

Pos: 0300

Max: 1

Detail - Optional

Loop: HLElements: 2

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.

DLMS Note:

Use only in 2/HL/0100 transaction reference number loops to identify the number of items shipped.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SN102	382	<b>Number of Units Shipped</b>  <b>Description:</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set <b>DLMS Note:</b> 1. Use to identify the shipped quantity. 2. Express as a whole number with no decimals. 3. A field size exceeding 5 positions may not be received or understood by the recipient's automated processing system. See introductory DLMS note 3d.	M	R	1/10	Must use	1
SN103	355	<b>Unit or Basis for Measurement Code</b>  <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>DLMS Note:</b> 1. Use to identify the unit of issue for the materiel shipped. 2. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.	M	ID	2/2	Must use	1

TD5

Carrier Details (Routing Sequence/Transit Time)

Pos: 1200

Max: 12

Detail - Optional

Loop: HL

Elements: 1

**User Option (Usage):** Used

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

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

**DLMS Note:**

Use only in 2/HL/0100 transaction reference number loops to identify the mode of shipment.

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
TD504	91	Transportation Method/Type Code	X	ID	1/2	Must use	1
<b>Description:</b> Code specifying the method or type of transportation for the shipment							
<b>DLMS Note:</b> 1. Use to identify the mode of shipment.							
2. DLMS users see the Transportation Method/Type Code Conversion Guide for available codes.							

REFReference Identification

Pos: 1500Max: >1

Detail - Optional

Loop: HLElements: 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.

DLMS Note:

1. Use in 2/HL/0100 shipment status loop to identify the document number and the transportation control number. Repeat the REF segment within each shipment status loop to identify relevant information.

2. Use in 2/HL/0100 IUID loop to provide IUID information. Repeat the REF segment within each IUID loop to identify relevant IUID information.

3. Use in applicable 2/HL/0100 RFID loops to provide the tag identification. Begin a new RFID loop to create a nested relationship between tags at different layers of packaging.

4. Must use in 2/HL/0100 transaction reference number loops to identify the document number, fund code and the transportation control number with the shipment status transaction.

5. Financial accounting data is provided as a DLMS enhancement. When implemented, refer to the Accounting Classification Appendix for specific entries for the basic appropriation number and supplemental accounting classification data.

6. This transaction supports unique item identification based upon the UII. Shipment status for materiel returns will be prepared using both the serial number and UII (when available) and required by DoD IUID Supply Policy. (see ADC 1071).

7. This transaction will support association of the IUID information with the RFID tag at the IUID packaging level and/or at each higher level of packing which has been tagged.

8. In support of Financial Improvement and Audit Readiness (FIAR) compliance, capital equipment candidates require serialization data visibility. Prepare shipment status materiel return using the serial number. Include the UII when available. Refer to ADC 1198.

9. Under DOD IUID policy, UIT programs require serialization data visibility. Prepare shipment status materiel return with the serial number as mandatory and when available, include the UII. Refer to ADC 1244.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use	1
<div><div>Description: Code qualifying the Reference Identification</div><div><div>DLMS Note: 1. Use codes separately or in combination, to identify appropriate information for DoD IUID Supply Policy, including, but not limited to unique item tracking (UIT) programs. See ADC 1071.</div><div>2. The following codes are authorized.</div></div></div>							
<div><div>CodeName</div><div>BTBatch Number</div><div><div>DLMS Note:</div><div><div>1. Use in IUID loop to identify the manufacturer's batch/lot number or other number identifying the production run. The batch/lot number may not exceed 20 characters in accordance with IUID policy.</div><div>2. DLMS enhancement; see introductory DLMS note 3a.</div></div></div></div>							
<div>CRCustomer Reference Number</div>							

**Code Name**

**DLMS Note:**

1. Use the Customer Reference Number to cross-reference to the requisition number under which the materiel was ordered, when it differs from the turn-in/return document number used with Code TN. This is applicable to directed return of discrepant/deficient materiel and other types of retrograde shipments.
2. Authorized DLMS enhancement. Refer to ADC 353A and ADC 1249.

D9 Claim Number

**DLMS Note:**

1. Use to identify the TDR control number directing the return. Recommended for inclusion in the PMR where an automated interface with the discrepancy reporting application is available.
2. DLMS enhancement. Refer to ADC 353A.

FG Fund Identification Number

**DLMS Note:**

1. Use to identify the fund purpose code. Cite any fund purpose code in except code CR or DR.
2. Use to identify accounting classification data against which a credit for the returned materiel will be provided.
3. This is a DLMS enhancement, but it is a required entry for identification of the Fund Code below.

JH Tag

**DLMS Note:**

1. Use in applicable RFID loop to identify the RFID tag. The RFID will be reflected as a hexadecimal value.
2. May be used in the IUID loop when an RFID tag is applied to the individual item.
3. Authorized DLMS migration enhancement. See introductory DLMS note 3f.

NN Nonconformance Report Number

**DLMS Note:**

1. Use to identify the DoD WebSDR control number applicable to the SDR Reply directing the return. Recommended for inclusion in the PMR where an automated interface with the discrepancy reporting application is available.
2. DLMS enhancement. Refer to ADC 353A.

QR Quality Report Number

**DLMS Note:**

1. Use to cite the PQDR report control number (RCN) directing the return. Recommended for inclusion in the PMR where an automated interface with the discrepancy reporting application is available.
2. DLMS enhancement. Refer to ADC 353A.

SE Serial Number

**DLMS Note:**

1. Use in IUID loop to identify the serial number. See ADC 1071.
2. DLMS enhancement; see introductory DLMS Note 3f.
3. The serial number may not exceed 30 characters and may only include alpha numeric characters, dashes and forward slashes. Spaces are not allowed.

TG Transportation Control Number (TCN)

**DLMS Note:**

1. Must use in every 2/HL/0100 transaction reference number loop to identify the shipment unit TCN.
2. Reuse/duplication of a previously used TCN is not permitted. If the controlling document number for the retrograde or directed return is the same as the original shipment, a unique TCN (not derived from the original document number) must be identified.

TN Transaction Reference Number

**DLMS Note:**

- Must use in every 2/HL/0100 transaction reference number loop to identify the document number associated with the materiel return.



**Code Name**

U3 Unique Supplier Identification Number (USIN)

**DLMS Note:**

1. Use in IUID loop to identify the UII value in REF03. See ADC 1071. The UII may not exceed 50 characters in accordance with IUID Policy. An ANSI data maintenance action was approved in version 5020. The approved code/name is "UII - Department of Defense Unique Item Identifier".

2. DLMS enhancement; see introductory DLMS Note 3f.

REF02	127	<b>Reference Identification</b>	X	AN	1/50	Used	1
<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier							
REF03	352	<b>Description</b>	X	AN	1/80	Used	1
<b>Description:</b> A free-form description to clarify the related data elements and their content							
<b>DLMS Note:</b> 1. Use to indicate UII value when REF01=U3. Refer to ADC 1071.							
2. Use with REF01 code FG and REF04-01 code AT to cite the supplemental accounting classification data. This is a DLMS enhancement; see introductory DLMS note 3a.							
REF04	C040	<b>Reference Identifier</b>	O	Comp		Used	1
<b>Description:</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier							
<b>DLMS Note:</b> 1. When providing financial data (REF01 is FG):							
If providing only the fund code use REF04-01 code FU and cite the fund code in REF04-02.							
2. The following options are identified as a DLMS enhancement; see introductory DLMS note 3a.							
If providing only the long-line accounting data use REF04-01 code AT and cite the basic appropriation data in REF04-02. Use REF04-03 code 10 and cite the accounting station number REF04-04.							
If providing both use REF04-01 code FU, REF04-03 code AT and REF04-05 code 10 citing the related data in the following data element of the pair.							
When needed, use codes from REF01-01 and the next available combination of data element 128/127 pairs to provide the necessary data.							
<b>Syntax:</b>							
1. P0304 - If either C04003 or C04004 is present, then the other is required.							
2. P0506 - If either C04005 or C04006 is present, then the other is required.							
REF04-01	128	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use	1
<b>Description:</b> Code qualifying the							

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		Reference Identification					
		<b>DLMS Note:</b> Use one of codes 08, AW, BL, BM, IZ, K2, K3, ZH, or WY with REF01 code TG (TCN) to identify a secondary transportation number.					
		<b>Code</b>		<b>Name</b>			
	08	Carrier Assigned Package Identification Number					
		<b>DLMS Note:</b> 1. Use to identify carrier package identification number when carrier is other than the United States Postal Service. Use recommended in conjunction with identification of the carrier (2/N101/2200 qualifier CA). 2. Authorized DLMS migration enhancement. See introductory DLMS note 3f.					
	10	Account Managers Code					
		<b>DLMS Note:</b> Use in one of REF04-03 or REF04-05 to identify the authorized accounting activity (AAA)/accounting disbursing station number (ADSN)/fiscal station number (FSN).					
	AT	Appropriation Number					
		<b>DLMS Note:</b> Use in one of REF04-01 or REF04-03 to identify the basic appropriation data.					
	AW	Air Waybill Number					
		<b>DLMS Note:</b> 1. Use to identify the shipment unit air waybill number. 2. Authorized DLMS migration enhancement. See introductory DLMS note 3f.					
	BL	Government Bill of Lading					
		<b>DLMS Note:</b> 1. Use to identify the government bill of lading. 2. Authorized DLMS migration enhancement. See introductory DLMS note 3f.					
	BM	Bill of Lading Number					
		<b>DLMS Note:</b> 1. Use to identify the shipment unit commercial bill of lading number. 2. Authorized DLMS migration enhancement. See introductory DLMS note 3f.					
	FU	Fund Code					
		<b>DLMS Note:</b> Use with REF01 code FG to identify the fund code.					
	IZ	Insured Parcel Post Number					
		<b>DLMS Note:</b> 1. Use to identify the shipment unit insured parcel post number. 2. Authorized DLMS migration enhancement. See introductory DLMS note 3f.					
	K2	Certified Mail Number					
		<b>DLMS Note:</b> 1. Use to identify the shipment unit certified mail number. 2. Authorized DLMS migration enhancement. See introductory DLMS note 3f.					
	K3	Registered Mail Number					
		<b>DLMS Note:</b> 1. Use to identify the shipment unit registered parcel post number. 2. Authorized DLMS migration enhancement. See introductory DLMS note 3f.					
	W8	Suffix					
		<b>DLMS Note:</b> Use with REF01 code TN to identify the transaction number suffix.					

**Code Name**

WY Waybill Number

**DLMS Note:**

1. Use to identify the shipment unit surface waybill number.
2. Authorized DLMS migration enhancement. See introductory DLMS note 3f.

ZH Carrier Assigned Reference Number

**DLMS Note:**

1. Use to identify the shipment unit express mail number.
2. Authorized DLMS migration enhancement. See introductory DLMS note 3f.

REF04-02	127	<b>Reference Identification</b>	M	AN	1/50	Must use	1
<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier							
REF04-03	128	<b>Reference Identification Qualifier</b>	X	ID	2/3	Used	1
<b>Description:</b> Code qualifying the Reference Identification							
<b>DLMS Note:</b> For valid codes, see REF04, C04001.							
<b>All valid standard codes are used.</b>							
REF04-04	127	<b>Reference Identification</b>	X	AN	1/50	Used	1
<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier							
REF04-05	128	<b>Reference Identification Qualifier</b>	X	ID	2/3	Used	1
<b>Description:</b> Code qualifying the Reference Identification							
<b>DLMS Note:</b> For valid codes, see REF04, C04001.							
<b>All valid standard codes are used.</b>							
REF04-06	127	<b>Reference Identification</b>	X	AN	1/50	Used	1
<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier							

DTM

Date/Time Reference

Pos: 2000

Max: 10

Detail - Optional

Loop: HL

Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

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

DLMS Note:

Use only in 2/HL/0100 transaction reference number loops to identify dates associated with the shipment status.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>				
DTM01	374	<b>Date/Time Qualifier</b>	M	ID	3/3	Must use	1				
<b>Description:</b> Code specifying type of date or time, or both date and time											
<b>DLMS Note:</b> <i>Use only one of codes 011 or 514 to identify the available shipment information.</i>											
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>011</td><td>Shipped</td></tr></table>								<u>Code</u>	<u>Name</u>	011	Shipped
<u>Code</u>	<u>Name</u>										
011	Shipped										
<b>DLMS Note:</b> <i>Use to identify the date released to carrier/shipment date, regardless of shipment method.</i>											
DTM02	373	<b>Date</b>	X	DT	8/8	Must use	1				
<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year											

N1Name

Pos: 2200Max: 1

Detail - Optional

Loop: N1Elements: 5

User Option (Usage): Used

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

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1
<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual							
<b>DLMS Note:</b> The following codes are authorized.							
<b>Code Name</b>							
41		Submitter	<b>DLMS Note:</b> Use to identify the organization transmitting the transaction set.				
CA		Carrier	<b>DLMS Note:</b> 1. Use as needed to identify the shipment unit carrier when other than the United States Postal Service.  2. The carrier may be identified by name (N102) and Standard Carrier Alpha Code (SCAC).  3. Authorized DLMS migration enhancement; see introductory DLMS 3f.				
KK		Registering Party	<b>DLMS Note:</b> 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/N106/2200 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. DLMS enhancement. See introductory DLMS note 3a.				
MF		Manufacturer of Goods	<b>DLMS Note:</b> 1. Use in IUID loop to identify the manufacturer of the identified item.  2. DLMS enhancement: See introductory DLMS note 3a.				
OW		Owner of Property or Unit	<b>DLMS Note:</b> Shipping activities must use to indicate the materiel owner when the recipient will not be the new materiel owner. Authorized for all commodities and required for active UIT program items. See ADC 1244B.				
RT		Returned to	<b>DLMS Note:</b>				

Code	Name
	<div>1. Cite the applicable routing identifier code (RIC) for the receiving depot for materiel returns program shipment status (BSN06=FT).</div> <div>2. For other types of returns, cite the applicable DoDAAC or CAGE.</div> <div>3. Inclusion of the associated text address is optional.</div> <div>4. Use of DoDAAC and CAGE is a DLMS enhancement. Refer to ADC 353A.</div>
SF	Ship From
	<b>DLMS Note:</b> <div>1. Use to identify the shipping activity (ship from) when other than the submitter.</div> <div>2. DLMS enhancement: See introductory DLMS note 3a.</div>
Z1	Party to Receive Status
	<b>DLMS Note:</b> <div>1. Use to indicate the organization to receive shipment status.</div> <div>2. Use to identify the PICA RIC when reporting materiel returns shipment status to the SICA under MILSTRIP MRP supporting DOD IUID Supply Policy; authorized for optional use for non-U/I materiel returns. Authorized DLMS enhancement; see introductory DLMS Note 3f. Refer to ADC 1071.</div> <div>3. As a DLMS enhancement, may be used to identify recipients other than the prescribed status recipients under DLMS/MILSTRIP distribution rules. Use multiple iterations of the 2/N1/2200 loop to identify shipment status recipients, as needed. See introductory DLMS 3a.</div>
Z4	Owning Inventory Control Point
ZB	Party to Receive Credit
	<b>DLMS Note:</b> <div>Use to identify the organization to receive credit for the materiel when different from the organization originating the transaction set.</div>

N102	93	Name	X	AN	1/60	Used	1
		<b>Description:</b> Free-form name					
		<b>DLMS Note:</b> 1. Use with N101 code CA to identify the carrier by name. (Field length restricted to 20 positions.)					
		2. Use with N101 Code RT to identify the returned-to location activity name (address line 1). (Field length restricted to 35 positions.)					
N103	66	Identification Code Qualifier	X	ID	1/2	Must use	1
		<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)					
		<b>Code</b> <b>Name</b>					
		2 Standard Carrier Alpha Code (SCAC)					
		<b>DLMS Note:</b> <div>Use to identify the commercial carrier.</div>					
		10 Department of Defense Activity Address Code (DODAAC)					
		<b>DLMS Note:</b> <div>DLMS enhancement; See introductory DLMS note 3a.</div>					
		33 Commercial and Government Entity (CAGE)					
		A2 Military Assistance Program Address Code (MAPAC)					
		<b>DLMS Note:</b> <div>Use to indicate the Security Assistance (SA) structured address data. Interpretation may require additional codes cited elsewhere in the transaction.</div>					
		M4 Department of Defense Routing Identifier Code (RIC)					
		UR Uniform Resource Locator (URL)					

Code	Name					
<b>DLMS Note:</b> 1. Use when appropriate to identify the Component UIT registry. 2. DLMS enhancement; see introductory DLMS note 3a.						
	<b>Identification Code</b>	X	AN	2/80	Must use	1
<b>Description:</b> Code identifying a party or other code						
	<b>Entity Identifier Code</b>	O	ID	2/3	Used	1
<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual						
<b>DLMS Note:</b> Use only in 2/HL/0100 address loops.						

Code		Name					
FR		Message From	<b>DLMS Note:</b> Must use with the appropriate 2/N101/2200 code to indicate the organization cited in N104 is sending the transaction set.				
PK		Party to Receive Copy	<b>DLMS Note:</b> 1. Use when appropriate to send an information copy of the transaction to a Component UIT registry. For use with N101 code KK. 2. DLMS enhancement. See introductory DLMS note 3a.				
TO		Message To	<b>DLMS Note:</b> 1. Must use with the appropriate 2/N101/2200 code to indicate the organization cited in N101 is receiving the transaction set. 2. Use to identify the party directing the return (N101=Z4). Required for MILSTRIP Materiel Returns Program Shipment Status (BSN06=FT). 3. Use a separate N1 loop to identify the returned-to activity (N101=RT) if identified by DoDAAC or RIC. DLMS enhancement. Refer to ADC 353A.				

N2Additional Name Information

Pos: 2300Max: 2

Detail - Optional

Loop: N1Elements: 1

User Option (Usage): Used

Purpose: To specify additional names

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N201	93	Name	M	AN	1/60	Must use	1
<div><div>Description: Free-form name</div><div>DLMS Note: Use when a clear text address must be specified (address line 2, if needed). (Field length restricted to 35 positions.)</div></div>							



N3Address Information

Pos: 2400Max: 2

Detail - Optional

Loop: N1Elements: 1

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N301	166	Address Information	M	AN	1/55	Must use	1
Description: Address information							
DLMS Note: Use when a clear text address must be specified. This equates to the street address. (Field length restricted to 35 positions.)							

N4Geographic Location

Pos: 2500

Max: 1

Detail - Optional

Loop: N1

Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

- Syntax Rules:
- 1. E0207 - Only one of N402 or N407 may be present.
  - 2. C0605 - If N406 is present, then N405 is required.
  - 3. C0704 - If N407 is present, then N404 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.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N401	19	City Name	O	AN	2/30	Used	1
		Description: Free-form text for city name					
N402	156	State or Province Code	X	ID	2/2	Used	1
		Description: Code (Standard State/Province) as defined by appropriate government agency					
N403	116	Postal Code	O	ID	3/15	Used	1
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)					
N404	26	Country Code	X	ID	2/3	Used	1
		Description: Code identifying the country					
		DLMS Note: Use to identify the country. See introductory DLMS note 6 (Refer to ADC 1075 for implementation).					

GFFurnished Goods and Services

Pos: 3300Max: 1

Detail - Optional

Loop: HLElements: 4

User Option (Usage): Used

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

- Syntax Rules:
- 1. P0102 - If either GF01 or GF02 is present, then the other is required.
  - 2. P0506 - If either GF05 or GF06 is present, then the other is required.
  - 3. P0809 - If either GF08 or GF09 is present, then the other is required.

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

DLMS Note:

- 1. Must use in GFP-related transactions.
- 2. Use as directed by the authorizing Service/Agency to provide contract information for shipments of GFP directed returns/retrograde.
- 3. Authorized DLMS enhancement. Refer to ADC 1014.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GF01	128	Reference Identification Qualifier	X	ID	2/3	Used	1
		<b>Description:</b> Code qualifying the Reference Identification					
		<b>Code Name</b>					
		C7 Contract Line Item Number					
		<b>DLMS Note:</b> Use as directed to associate a Contract Line Item Number with the Contract Number.					
GF02	127	Reference Identification	X	AN	1/50	Used	1
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
GF03	367	Contract Number	O	AN	1/30	Used	1
		<b>Description:</b> Contract number					
		<b>DLMS Note:</b> Must use to identify the applicable procurement instrument identifier (PIID). Use the legacy procurement instrument identification number (PIIN) pending transition to the PIID. When GFM 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.					
GF07	328	Release Number	O	AN	1/30	Used	1
		<b>Description:</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction					

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		DLMS Note: 1. Use to identify the legacy four-position call/order associated with the PIIN number.					
		2. Do not use for the PIID call/order number. The PIID call/order number is mapped to GF03. Refer to ADC 1161.					

LMCode Source Information

Pos: 3400Max: 1

Detail - Optional

Loop: LMElements: 1

User Option (Usage): Used

Purpose: To transmit standard code list identification information

- Comments:
- 1. LM02 identifies the applicable industry code list source information.

DLMS Note:

Use only in 2/HL/0100 transaction reference number loops to identify coded information maintained in department or agency documentation.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1
Description: Code identifying the agency assigning the code values							
Code Name							
DF Department of Defense (DoD)							

LQ Industry Code

Pos: 3500Max: 100

Detail - Mandatory

Loop: LMElements: 2

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

- Syntax Rules:
- C0102 - If LQ01 is present, then LQ02 is required.

DLMS Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LQ01	1270	Code List Qualifier Code	O	ID	1/3	Must use	1
<p><b>Description:</b> Code identifying a specific industry code list</p> <p><b>DLMS Note:</b> <i>The following codes are authorized.</i></p>							
<p><b>Code    Name</b></p>							
0	Document Identification Code						
<p><b>DLMS Note:</b></p> <p>1. <i>The MILSTRIP DIC is retained in the DLMS to facilitate transaction conversion in a mixed legacy MILSTRIP/DLMS environment. Continued support of the DIC in a full DLMS environment will be assessed at a future date.</i></p> <p>2. <i>Future streamlined data; See introductory DLMS note 3c.</i></p>							
79	Priority Designator Code						
<p><b>DLMS Note:</b></p> <p><i>DLMS enhancement; see introductory DLMS note 3a.</i></p>							
83	Supply Condition Code						
<p><b>DLMS Note:</b></p> <p>1. <i>Use only with return of discrepant materiel (BSN06 code RD).</i></p> <p>2. <i>DLMS enhancement; see introductory DLMS note 3a.</i></p>							
87	Subsistence Type of Pack Code						
<p><b>DLMS Note:</b></p> <p><i>Use only for subsistence items to identify the subsistence type of pack item identification.</i></p>							
A9	Supplemental Data						
<p><b>DLMS Note:</b></p> <p>1. <i>Use to identify supplemental address/data.</i></p> <p>2. <i>During legacy MILSTRIP/DLMS transition, this field will be used to perpetuate/populate the MILSTRIP Supplemental Address (SUPAAD) field. During this time the field size is restricted to 6 positions.</i></p> <p>3. <i>Expanded use of this field for supplemental data without size restriction is a DLMS enhancement; see introductory DLMS note 3a.</i></p>							
AJ	Utilization Code						
<p><b>DLMS Note:</b></p> <p>1. <i>Under legacy MILSTRIP, this is the first position of the document serial number.</i></p> <p>2. <i>DLMS enhancement; see introductory DLMS note 3a.</i></p>							
AL	Special Requirements Code						
<p><b>DLMS Note:</b></p>							

Code	Name
	<div>1. Use to identify the precedence, special handling, and processing requirements.</div> <div>2. Under legacy MILSTRIP, this is carried in the required delivery date field.</div> <div>3. DLMS enhancement; see introductory DLMS note 3a.</div>
DE	Signal Code
DF	Media and Status Code
COG	Cognizance Symbol
	<div>DLMS Note:</div> <div>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.</div>
IMC	Item Management Code
	<div>DLMS Note:</div> <div>Use to identify the Item Management Code (IMC) for integrated material management. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</div>
KYL	Key Event Lookup
	<div>DLMS Note:</div> <div>1. Use to identify the Return Type Code.</div> <div>2. Enter the applicable value in LQ02:<div>S = Directed return of discrepant materiel associated with a SDR</div><div>Q = Directed return of quality deficient materiel associated with a PQDR or Security Assistance quality SDR</div><div>T = Directed return associated with a TDR</div><div>R = Retrograde (general retrograde movement of unit materiel)</div><div>X = Carcass return under Component exchange pricing rules</div><div>M = Directed return under Materiel Returns Program (may be assigned by DAAS for returns status originated in MILS format)</div><div>O = Other</div></div> <div>3. DLMS enhancement. Refer to ADC 353A.</div>
MCC	Material Control Code
	<div>DLMS Note:</div> <div>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.</div>
SMI	Special Material Identification Code
	<div>DLMS Note:</div> <div>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.</div>

LQ02	1271	Industry Code	X	AN	1/30	Must use	1
		Description:	Code indicating a code from a specific industry code list				

SETransaction Set Trailer

Pos: 0200Max: 1

Summary - Mandatory

Loop: N/AElements: 2

**User Option (Usage):** Must use

**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	Rep
SE01	96	Number of Included Segments	M	N0	1/10	Must use	1
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	1
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.							