

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.

Federal Note:

1. Organizations use this transaction set to provide shipment status to the wholesale distribution system for authorized material returns, including automatic returns.
2. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6/dlms>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

1. 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 system (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table, Transportation Mode of Shipment Conversion Table, and the Accounting Classification Appendix which can be found on the DLA Logistics Management Standards Office Web site at <http://www.dla.mil/j-6/dlms>.
3. This DLMS Supplement 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 DLA Logistics Management Standards Office 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 DLA Logistics Management Standards Office prior to use.
 - c. Defense Logistics Standard System (DLSS) data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLA Logistics Management Standards Office 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 DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLA Logistics Management Standards Office prior to use.
 - e. Repetition of data (using multiple iterations or loops) which is not compatible with existing DLSS capability. Although supported by the use of the ANSI X12 standard, such data is not compatible with DLSS/DLMS conversion and may not be supported by the recipient's automated processing system. Components must coordinate implementation of enhanced capability with DLA Logistics Management Standards Office 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 Unique Item Identifier (UII) information. Refer to the UID web at URL: <http://www.acq.osd.mil/dpap/sitemap.html> 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. This revision to the DLMS Supplement incorporates Proposed DLMS Change (PDC) and Approved DLMS Changes (ADC) listed. PDCs and ADCs are available from the DLA Logistics Management Standards Office Web site: <http://www.dla.mil/j-6/dlms/olibrary/Changes/processchanges.asp>
 - ADC 62, Revision to DS 856R, Shipment Status Material Returns
 - ADC 62A, Addendum for Revision to DS 856R, Shipment Status Material Returns
 - ADC 241, UID of Items and RFID in DLMS Supplement 856R, Shipment Status Material Returns

- ADC 353, Procedures for Pre-positioned Materiel Receipt (PMR) and Shipment Status for Retrograde and Directed Discrepant/Deficient Materiel Returns
- 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

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>
<u>LOOP ID - HL</u>					<u>20000</u>	<u>C2/0100L</u>	
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
<u>* LOOP ID - TD3</u>					<u>12</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
<u>* LOOP ID - LH1</u>					<u>100</u>		
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

<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>
1600	PER	Administrative Communications Contact	O	5			Used
1610	LHE	Empty Equipment Hazardous Material Information	O	1			Used
* LOOP ID - CLD					200		
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
LOOP ID - N1					200		
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
* LOOP ID - SAC					≥1		
* 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
LOOP ID - LM					10		
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:

<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	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: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 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:

<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>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use	1
		Description: Code uniquely identifying a Transaction Set					
		CodeList Summary (Total Codes: 314, Included: 1)					
		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					
		Federal Note: <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>					
ST03	1705	Implementation Convention Reference	O	AN	1/35	Used	1
		Description: Reference assigned to identify Implementation Convention					
		Federal Note: <i>Use to indicate this transmission uses the 856R Federal IC and the 856R DLMS Supplement. Enter the DLMS Supplement: 004030F856R0RA00.</i>					

BSN Beginning Segment for Ship Notice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

User Option (Usage): Must use

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:

<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>
BSN01	353	Transaction Set Purpose Code	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 4)

Code Name

00	Original
01	Cancellation

DLMS Note:

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 353.

77 Simulation Exercise

DLMS Note:

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

DLMS Note:

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 353.

BSN02	396	Shipment Identification	M	AN	2/30	Must use	1
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Description: A unique control number assigned by the original shipper to identify a specific shipment

Federal Note: 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	Date Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Federal Note: <i>This date corresponds to the Universal Time Coordinate (UTC).</i>	M	DT	8/8	Must use	1
BSN04	337	Time 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) Federal Note: 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	Transaction Type Code Description: Code specifying the type of transaction CodeList Summary (Total Codes: 500, Included: 2) Code Name FT Material Returns DLMS Note: <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 DLMS Note: <i>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 353.</i>	X	ID	2/2	Must use	1
BSN07	641	Status Reason Code Description: Code indicating the status reason CodeList Summary (Total Codes: 419, Included: 1) Code Name 091 Reprocessed DLMS Note: <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</i>	O	ID	3/3	Used	1

Code Name

overlay the original shipment status in the receiving application, as this may result in some loss of data content. Refer to ADC 417.

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.

Federal Note:

1. The transaction set hierarchical data structure is address information, followed by transaction shipment status, followed interior/exterior packaging RFID and/or by UID 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:

<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>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use	1
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure					
		Federal Note: In the first 2/HL/0100 loop iteration, cite 1. In each subsequent loop iteration, increase incrementally by 1.					
HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Used	1
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to					
		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.					
		2. UID loops may be associated with a parent RFID loop (e.g. item pack). Not applicable to the UID loop if no specific parent RFID loop is identified.					
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use	1
		Description: Code defining 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>
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characteristic of a level in a hierarchical structure

DLMS Note: *The following informational loops are applicable to this transaction. When all loops are used, the HL sequence is V (address), W (material returns shipment status), P (RFID), and I (UID). RFID and UID loops are optional. Use multiple P loops to depict a nested RFID relationship.*

CodeList Summary (Total Codes: 218, Included: 4)

Code Name

I Item

DLMS Note:

Use to identify item IUID data consistent with UID data requirements. The IUID data is carried in the REF and N1 segments; no other segments are used in the UID loop. Use a separate UID 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.

P Pack

DLMS Note:

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.

V Address Information

DLMS Note:

Use to identify the transaction set originating activity address loop.

W Transaction Reference Number

DLMS Note:

Use to identify the individual transaction material returns shipment status loops.

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.

Federal Note:

Must use in 2/HL/0100 transaction reference number loops to identify the material 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

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

Federal Note: Use any code.

DLMS Note: 1. Use only one of codes A1, A2, A4, FB, FS, FT, MG, or YP to identify the material 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. For DLMS use only the following codes are authorized.

CodeList Summary (Total Codes: 505, Included: 11)

Code Name

A1 Plant Equipment Number

DLMS Note:

1. Use to identify plant equipment.

Code	Name
	2. DLMS enhancement; see introductory DLMS note 3a.
A2	Department of Defense Identification Code (DoDIC) DLMS Note: 1. Use to identify ammunition items. 2. DLMS enhancement; see introductory DLMS note 3a.
A4	Subsistence Identification Number 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 material when a part number is not available and material reported was identified by description (e.g., non NSN lumber products). 2. Use only with BSN07 code W05.
MG	Manufacturer's Part Number DLMS Note: Use to identify nonstandard material.
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 material when all other authorized codes do not apply or cannot be determined. May be used for DLSS-to-DLMS conversion when the translator cannot determine a more appropriate code.

LIN03	234	Product/Service ID	M	AN	1/48	Must use	1
		Description: Identifying number for a product or service					
LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used	1
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		Federal Note: Use only one of codes CN or ZB to fully identify the material.					

CodeList Summary (Total Codes: 505, Included: 2)

Code Name

CN Commodity Name

DLMS Note:*Use with LIN02 code FT to identify the material 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
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Description: Identifying number for a product or service

SN1 Item Detail (Shipment)

Pos: 0300	Max: 1
Detail - Optional	
Loop: HL	Elements: 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.

Federal Note:

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

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

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.

Federal Note:

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

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>
TD504	91	Transportation Method/Type Code	X	ID	1/2	Must use	1

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

Federal Note: *Use to identify the mode of shipment.*

DLMS Note: *DLMS users see the Transportation Mode of Shipment Conversion Table for available codes.*

REF Reference Identification

Pos: 1500	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.

Federal 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 UID loop to provide IUID information. Repeat the REF segment within each UID 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.

DLMS Note:

1. 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.
2. 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.
3. This transaction will support item identification based upon the UUI or the serial number. Data elements associated with the UUI may be identified separately. Use the appropriate data elements to satisfy the desired functionality.
4. This transaction will support association of the UID information with the RFID tag at the UID packaging level and/or at each higher level of packing which has been tagged.

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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

Federal Note: Use any code.

DLMS Note: 1. Use codes separately or in combination, to identify appropriate information for unique item tracking (UIT).

2. For DLMS use only the following codes are authorized.

CodeList Summary (Total Codes: 1631, Included: 12)

Code Name

BT Batch Number

DLMS Note:

1. Use in UID 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 UID policy.

2. DLMS enhancement; see introductory DLMS note 3a.

CR Customer Reference Number

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 document number used with code TN. This only applicable to retrograde shipments occurring subsequent to a PQDR and replacement requisitioning.

Code Name

	2. DLMS enhancement. Refer to ADC 353.
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 353.
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 material 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 UID loop when an RFID tag is applied to the individual item.
	3. Authorized DLMS migration enhancement. See DLMS introductory 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 353.
PM	Part Number
	DLMS Note:
	1. Use in UID loop to identify the applicable part number.
	2. May be used when primary item identification is the NSN.
	3. DLMS enhancement; see introductory DLMS note 3a.
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 353.
SE	Serial Number
	DLMS Note:
	1. Use in UID loop to identify the serial number.
	2. DLMS enhancement; see introductory DLMS note 3a.
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 UID loop to identify the UII value in REF03. The UII may not exceed 50 characters in accordance with UID Policy. An ANSI data maintenance was approved in version 5020. The approved code/name is "UII-Department of Defense Unique Item Identifier".

2. Authorized DLMS migration enhancement. See DLMS introductory note 3f.

REF02	127	Reference Identification	X	AN	1/50	Must use	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
REF03	352	Description	X	AN	1/80	Used	1
		Description: A free-form description to clarify the related data elements and their content					
		DLMS Note: 1. Use to indicate UII value when REF01=U3.					
		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	Reference Identifier	O	Comp		Used	1
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier					
		Federal Note: 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.					
		DLMS Note: 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.					
		Syntax:					
		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	Reference Identification Qualifier	M	ID	2/3	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>
		<p>Description: Code qualifying the Reference Identification</p> <p>DLMS Note: 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.</p>					
		CodeList Summary (Total Codes: 1631, Included: 13)					
		Code Name					
	08	Carrier Assigned Package Identification Number					
		<p>DLMS Note:</p> <ol style="list-style-type: none"> 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 DLMS introductory note 3f. 					
	10	Account Managers Code					
		<p>DLMS Note:</p> <p>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).</p>					
	AT	Appropriation Number					
		<p>DLMS Note:</p> <p>Use in one of REF04-01 or REF04-03 to identify the basic appropriation data.</p>					
	AW	Air Waybill Number					
		<p>DLMS Note:</p> <ol style="list-style-type: none"> 1. Use to identify the shipment unit air waybill number. 2. Authorized DLMS migration enhancement. See DLMS introductory note 3f. 					
	BL	Government Bill of Lading					
		<p>DLMS Note:</p> <ol style="list-style-type: none"> 1. Use to identify the government bill of lading. 2. Authorized DLMS migration enhancement. See DLMS introductory note 3f. 					
	BM	Bill of Lading Number					
		<p>DLMS Note:</p> <ol style="list-style-type: none"> 1. Use to identify the shipment unit commercial bill of lading number. 2. Authorized DLMS migration enhancement. See DLMS introductory note 3f. 					
	FU	Fund Code					
		<p>DLMS Note:</p> <p>Use with REF01 code FG to identify the fund code.</p>					
	IZ	Insured Parcel Post Number					
		<p>DLMS Note:</p> <ol style="list-style-type: none"> 1. Use to identify the shipment unit insured parcel post number. 2. Authorized DLMS migration enhancement. See DLMS introductory note 3f. 					
	K2	Certified Mail Number					
		<p>DLMS Note:</p> <ol style="list-style-type: none"> 1. Use to identify the shipment unit certified mail number. 2. Authorized DLMS migration enhancement. See DLMS introductory note 3f. 					
	K3	Registered Mail Number					
		<p>DLMS Note:</p> <ol style="list-style-type: none"> 1. Use to identify the shipment unit registered parcel post number. 2. Authorized DLMS migration enhancement. See DLMS introductory note 3f. 					
	W8	Suffix					

Code Name**DLMS Note:**

Use with REF01 code TN to identify the transaction number suffix.

WY Waybill Number

DLMS Note:

1. Use to identify the shipment unit surface waybill number.

2. Authorized DLMS migration enhancement. See DLMS introductory 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 DLMS introductory note 3f.

REF04-02	127	Reference Identification	M	AN	1/50	Must use	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
REF04-03	128	Reference Identification Qualifier	X	ID	2/3	Used	1
		Description: Code qualifying the Reference Identification					
		Federal Note: For valid codes, see REF04, C04001.					
		All valid standard codes are used. (Total Codes: 1631)					
REF04-04	127	Reference Identification	X	AN	1/50	Used	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
REF04-05	128	Reference Identification Qualifier	X	ID	2/3	Used	1
		Description: Code qualifying the Reference Identification					
		Federal Note: For valid codes, see REF04, C04001.					
		All valid standard codes are used. (Total Codes: 1631)					
REF04-06	127	Reference Identification	X	AN	1/50	Used	1
		Description: 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.

Federal 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	Date/Time Qualifier	M	ID	3/3	Must use	1

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

DLMS Note: Use only one of codes 011 or 514 to identify the available shipment information.

CodeList Summary (Total Codes: 1226, Included: 1)

Code Name

011 Shipped

DLMS Note:

Use to identify the date released to carrier/shipment date, regardless of shipment method.

DTM02	373	Date	X	DT	8/8	Must use	1
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

N1 Name

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 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.

Federal Note:

1. Must use the 2/N1/2200 loop in the 2/HL/0100 address loop to identify the organization originating the transaction set and the organization to receive the transaction set.
2. Must use the 2/N1/2200 loop in every 2/HL/0100 transaction reference number loop to identify the shipment unit consignor, consignee, and carrier.
3. Use the 2/N1/2200 loop as needed in 2/HL/0100 transaction reference number loops to identify the manufacturer of UIT and the organization to receive credit when that organization varies from the organization originating the transaction set.

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>
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1

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

Federal Note: Use any code.

DLMS Note: For DLMS use only the following codes are authorized.

CodeList Summary (Total Codes: 1446, Included: 9)

Code Name

41 Submitter

DLMS Note:

Use to identify the organization transmitting the transaction set.

CA Carrier

DLMS Note:

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

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/N106/2200 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

DLMS Note:

Code Name

1. Use in UID loop to identify the manufacturer of the identified item.

2. DLMS enhancement: See introductory DLMS note 3a.

RT Returned to

DLMS Note:

1. Cite the applicable routing identifier code (RIC) for the receiving depot for materiel returns program shipment status (BSN06=FT).

2. For other types of returns, cite the applicable DoDAAC or CAGE.

3. Inclusion of the associated text address is optional.

4. Use of DoDAAC and CAGE is a DLMS enhancement. Refer to ADC 353.

SF Ship From

DLMS Note:

1. Use to identify the shipping activity (ship from) when other than the submitter.

2. DLMS enhancement: See introductory DLMS note 3a.

Z1 Party to Receive Status

DLMS Note:

1. Use to indicate the organization to receive shipment status.

2. 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.

Z4 Owning Inventory Control Point

ZB Party to Receive Credit

DLMS Note:

Use to identify the organization to receive credit for the material when different from the organization originating the transaction set.

N102	93	Name	X	AN	1/60	Used	1
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Description: Free-form name

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

CodeList Summary (Total Codes: 223, Included: 8)

Code Name

1 D-U-N-S Number, Dun & Bradstreet

DLMS Note:

DLMS enhancement; See introductory DLMS note 3a.

2 Standard Carrier Alpha Code (SCAC)

DLMS Note:

Use to identify the commercial carrier.

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

DLMS Note:

DLMS enhancement; See introductory DLMS note 3a.

10 Department of Defense Activity Address Code (DODAAC)

Code Name**DLMS Note:**

DLMS enhancement; See introductory DLMS note 3a.

33 Commercial and Government Entity (CAGE)

A2 Military Assistance Program Address Code (MAPAC)

DLMS Note:

Use to indicate the Security Assistance (SA) structured address data. Interpretation may require additional codes cited elsewhere in the transaction.

M4 Department of Defense Routing Identifier Code (RIC)

UR Uniform Resource Locator (URL)

DLMS Note:

1. Use when appropriate to identify the Component UIT registry.
2. DLMS enhancement; see introductory DLMS note 3a.

N104	67	Identification Code	X	AN	2/80	Must use	1
		Description: Code identifying a party or other code					
N106	98	Entity Identifier Code	O	ID	2/3	Used	1
		Description: Code identifying an organizational entity, a physical location, property or an individual					
		Federal Note: Use only in 2/HL/0100 address loops.					

CodeList Summary (Total Codes: 1446, Included: 3)**Code Name**

FR Message From

Federal Note:

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

DLMS Note:

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

Federal Note:

Must use with the appropriate 2/N101/2200 code to indicate the organization cited in N101 is receiving the transaction set.

DLMS Note:

1. Use to identify the party directing the return (N101=Z4). Required for MILSTRIP Materiel Returns Program Shipment Status (BSN06=FT).
2. Use a separate N1 loop to identify the returned-to activity (N101=RT) if identified by DoDAAC or RIC. DLMS enhancement. Refer to ADC 353.

N2 Additional Name Information

Pos: 2300	Max: 2
Detail - Optional	
Loop: N1	Elements: 1

User Option (Usage): Used

Purpose: To specify additional names

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>
N201	93	Name	M	AN	1/60	Must use	1

Description: Free-form name

DLMS Note: Use when a clear text address must be specified (address line 2, if needed). (Field length restricted to 35 positions.)

N3 Address Information

Pos: 2400	Max: 2
Detail - Optional	
Loop: N1	Elements: 1

User Option (Usage): Used

Purpose: To specify the location of the named party

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>
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.)

N4 Geographic 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:

<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>
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. Pending transition to the new country code standard (refer to ADC 448B for future implementation), use code values for Data Element 1270, Code 85, Country and Activity Code.					

GF Furnished Goods and Services

Pos: 3300	Max: 1
Detail - Optional	
Loop: HL	Elements: 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:

<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>
GF01	128	Reference Identification Qualifier	X	ID	2/3	Used	1
Description: Code qualifying the Reference Identification							
CodeList Summary (Total Codes: 1631, Included: 1)							
Code Name							
C7 Contract Line Item Number							
DLMS Note:							
Use as directed to associate a Contract Line Item Number with the Contract Number.							
GF02	127	Reference Identification	X	AN	1/50	Used	1
Description: 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
Description: Contract number							
DLMS Note: Must use to identify the applicable contract number.							
GF07	328	Release Number	O	AN	1/30	Used	1
Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction							
DLMS Note: Use to identify the call or order number, or the call or order number including the respective call or order modification, as applicable.							

LM Code Source Information

Pos: 3400	Max: 1
Detail - Optional	
Loop: LM	Elements: 1

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

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

Federal Note:

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

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>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1

Description: Code identifying the agency assigning the code values

CodeList Summary (Total Codes: 187, Included: 1)

Code Name

DF Department of Defense (DoD)

LQ Industry Code

Pos: 3500	Max: 100
Detail - Mandatory	
Loop: LM	Elements: 2

User Option (Usage): Must use**Purpose:** Code to transmit standard industry codes**Syntax Rules:**

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

Federal 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

Description: Code identifying a specific industry code list

Federal Note: Use any code.

DLMS Note: For DLMS use only the following codes are authorized.

CodeList Summary (Total Codes: 768, Included: 14)

Code Name

0 Document Identification Code

DLMS Note:

1. The DLSS DI Code is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the DI Code in a full DLMS environment will be assessed at a future date.

2. Future streamlined data; See introductory DLMS note 3c.

79 Priority Designator Code

DLMS Note:

DLMS enhancement; see introductory DLMS note 3a.

83 Supply Condition Code

DLMS Note:

1. Use only with return of discrepant material (BSN07 code W05).

2. DLMS enhancement; see introductory DLMS note 3a.

87 Subsistence Type of Pack Code

DLMS Note:

Use only for subsistence items to identify the subsistence type of pack item identification.

A9 Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

2. During DLSS/DLMS transition, this field will be used to perpetuate/populate the DLSS Supplemental Address (SUPAAD) field. During this time the field size is restricted to 6 positions.

3. Expanded use of this field for supplemental data without size restriction is a DLMS enhancement; see introductory DLMS note 3a.

AJ Utilization Code

DLMS Note:

1. Under DLSS, this is the first position of the document serial number.

2. DLMS enhancement; see introductory DLMS note 3a.

AL Special Requirements Code

Code Name**Federal Note:**

Use to identify the precedence, special handling, and processing requirements.

DLMS Note:

1. Under DLSS, this is carried in the required delivery date field.
2. DLMS enhancement; see introductory DLMS note 3a.

DE Signal Code
DF Media and Status Code
COG Cognizance Symbol

DLMS Note:

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.

IMC Item Management Code

DLMS Note:

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.

KYL Key Event Lookup

DLMS Note:

1. Use to identify the Return Type Code.
2. Enter the applicable value in LQ02:
 - S = Directed return of discrepant materiel associated with a SDR
 - Q = Directed return of quality deficient materiel associated with a PQDR or Security Assistance quality SDR
 - T = Directed return associated with a TDR
 - R = Retrograde (general retrograde movement of unit materiel)
 - X = Carcass return under Component exchange pricing rules
 - M = Directed return under Materiel Returns Program (may be assigned by DAAS for returns status originated in MILS format)
 - O = Other
3. DLMS enhancement. Refer to ADC 353.

MCC Material Control Code

DLMS Note:

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.

SMI Special Material Identification Code

DLMS Note:

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.

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

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 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:

<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>
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					
		Federal Note: <i>Cite the same number as the one cited in ST02.</i>					