

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 Defense Logistics Management Standards Office (DLMSO) 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 DLMSO 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 DLMSO 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 DLMSO 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 DLMSO prior to use.
4. This revision to the DLMS Supplement (DS) incorporates Proposed DLMS Change (PDC) and Approved DLMS Change (ADC) listed. PDCs/ADCs are available from the DLMSO website: <http://www.dla.mil/j-6/dlms/Changes>.
5. This DS supercedes and cancels all previous DLMS Supplements to the Federal IC 856R, Version 4010, Rev 0.
 - ADC 62, Revision to DLMS Supplement 856R, Shipment Status Material Returns
 - ADC 62A, Addendum Revision to DLMS Supplement 856R, Shipment Status Material Returns
 - Administrative update to identify DLMS enhancement for material transfer date - completed 7/30/07

Heading:

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

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					200000	C2/10L	
10	HL	Hierarchical Level	M	1		C2/10	Must use
20	LIN	Item Identification	O	1			Used
30	SN1	Item Detail (Shipment)	O	1			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>
* 40	SLN	Subline Item Detail	O	1000			Not Used
* 50	PRF	Purchase Order Reference	O	1			Not Used
* 60	PO4	Item Physical Details	O	1			Not Used
* 70	PID	Product/Item Description	O	200			Not Used
* 80	MEA	Measurements	O	40			Not Used
* 90	PWK	Paperwork	O	25			Not Used
* 100	PKG	Marking, Packaging, Loading	O	25			Not Used
* 110	TD1	Carrier Details (Quantity and Weight)	O	20			Not Used
120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
* 130	TD3	Carrier Details (Equipment)	O	12			Not Used
* 140	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Not Used
* 145	TSD	Trailer Shipment Details	O	1			Not Used
150	REF	Reference Identification	O	>1			Used
* 151	PER	Administrative Communications Contact	O	3			Not Used
* LOOP ID - LH1				<u>100</u>			
* 152	LH1	Hazardous Identification Information	O	1			Not Used
* 153	LH2	Hazardous Classification Information	O	4			Not Used
* 154	LH3	Hazardous Material Shipping Name	O	12			Not Used
* 155	LFH	Freeform Hazardous Material Information	O	20			Not Used
* 156	LEP	EPA Required Data	O	>1			Not Used
* 157	LH4	Canadian Dangerous Requirements	O	1			Not Used
* 158	LHT	Transborder Hazardous Requirements	O	3			Not Used
* 159	LHR	Hazardous Material Identifying Reference Numbers	O	10			Not Used
* 160	PER	Administrative Communications Contact	O	5			Not Used
* 161	LHE	Empty Equipment Hazardous Material Information	O	1			Not Used
* LOOP ID - CLD				<u>200</u>			
* 170	CLD	Load Detail	O	1			Not Used
* 180	REF	Reference Identification	O	200			Not Used
* 185	DTP	Date or Time or Period	O	1			Not Used
* 190	MAN	Marks and Numbers	O	>1			Not Used
200	DTM	Date/Time Reference	O	10			Used
* 210	FOB	F.O.B. Related Instructions	O	1			Not Used
* 215	PAL	Pallet Information	O	1			Not Used
LOOP ID - N1				<u>200</u>			
220	N1	Name	O	1			Must use
* 230	N2	Additional Name Information	O	2			Not Used
* 240	N3	Address Information	O	2			Not Used
* 250	N4	Geographic Location	O	1			Not Used
* 260	REF	Reference Identification	O	12			Not Used
* 270	PER	Administrative Communications Contact	O	3			Not Used
* 280	FOB	F.O.B. Related Instructions	O	1			Not Used
* 290	SDQ	Destination Quantity	O	50			Not Used
* 300	ETD	Excess Transportation Detail	O	1			Not 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>
* 310	CUR	Currency	O	1			Not Used
* LOOP ID - SAC					≥1		
* 320	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Not Used
* 325	CUR	Currency	O	1			Not Used
* 330	GF	Furnished Goods and Services	O	1			Not Used
* 335	YNQ	Yes/No Question	O	10			Not Used
LOOP ID - LM					10		
340	LM	Code Source Information	O	1			Used
350	LQ	Industry Code	M	100			Must use
* LOOP ID - V1					≥1		
* 360	V1	Vessel Identification	O	1			Not Used
* 370	R4	Port or Terminal	O	>1			Not Used
* 380	DTM	Date/Time Reference	O	>1			Not 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>
* 10	CTT	Transaction Totals	O	1		N3/10	Not Used
20	SE	Transaction Set Trailer	M	1			Must use

Notes:

3/10 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:

2/10L The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
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ST Transaction Set Header

Pos: 10	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Semantics:

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

Element Summary:

<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					
		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>					

BSN Beginning Segment for Ship Notice

Pos: 20	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					
		Code		Name			
		00		Original			
		77		Simulation Exercise			
		DLMS Note:					
		<i>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.</i>					
BSN02	396	Shipment Identification	M	AN	2/30	Must use	1
		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.					
BSN03	373	Date	M	DT	8/8	Must use	1
		Description: Date expressed as CCYYMMDD					
		Federal Note: This date corresponds to the Universal Time Coordinate (UTC).					
BSN04	337	Time	M	TM	4/8	Must use	1
		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.					

<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>
BSN06	640	Transaction Type Code	X	ID	2/2	Must use	1

Description: Code specifying the type of transaction

Code Name

FT Material Returns

DLMS Note:

Must use to indicate this transaction set provides shipment status information related to material returns transactions.

BSN07	641	Status Reason Code	O	ID	3/3	Used	1
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Description: Code indicating the status reason

Code Name

W05 Order Discrepancy

DLMS Note:

Use to indicate when the shipment status is related to return of discrepant or deficient material.

HL Hierarchical Level

Pos: 10	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

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.
2. Use the first 2/HL/010 loop iteration to provide transaction set address information.
3. Use the second and all subsequent 2/HL/010 loop iterations to identify individual transaction shipment status information.

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/010 loop iteration, cite 1. In each subsequent loop iteration, increase incrementally by 1.

HL03	735	Hierarchical Level Code	M	ID	1/2	Must use	1
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Description: Code defining the characteristic of a level in a hierarchical structure

Code Name

V Address Information

DLMS Note:

Use to identify the transaction set address loop.

W Transaction Reference Number

DLMS Note:

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

LIN Item Identification

Pos: 20	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/010 transaction reference number loops to identify the material shipped. Do not use in the 2/HL/010 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: *Following is a list of preferred codes.*

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.

Code Name

A1 Plant Equipment Number

DLMS Note:

Use to identify plant equipment.

Code	Name
A2	Department of Defense Identification Code (DoDIC) DLMS Note: <i>Use to identify ammunition items.</i>
A4	Subsistence Identification Number DLMS Note: <i>Use to identify subsistence items.</i>
F4	Series Identifier DLMS Note: <i>Use to identify the manufacturer's series number of the end item.</i>
FB	Form Number DLMS Note: <i>Use to identify the form stock number.</i>
FS	National Stock Number
FT	Federal Supply Classification DLMS Note: <i>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).</i> <i>2. Use only with BSN07 code W05.</i>
MG	Manufacturer's Part Number DLMS Note: <i>Use to identify nonstandard material.</i>
MN	Model Number DLMS Note: <i>Use to identify the manufacturer's model number of the end item.</i>
SN	Serial Number DLMS Note: <i>Use to identify the manufacturer's serial number of the end item.</i>
YP	Publication Number DLMS Note: <i>Use to identify the publication stock number.</i>
ZZ	Mutually Defined DLMS Note: <i>Use to identify nonstandard material when all other authorized codes do not apply or cannot be determined.</i>

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.					

Code	Name
CN	Commodity Name DLMS Note: <i>Use with LIN02 code FT to identify the material name or description.</i>
ZB	Commercial and Government Entity (CAGE) Code DLMS Note: <i>Use with LIN02 code MG to uniquely identify a manufacturer's part number.</i>

<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>
LIN05	234	Product/Service ID	X	AN	1/48	Used	1

Description: Identifying number for a product or service

SN1 Item Detail (Shipment)

Pos: 30	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/010 transaction reference number loops to identify the number of units 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>					
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: 120	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/010 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: 150	Max: >1
Detail - Optional	
Loop: HL	Elements: 4

User Option (Usage): Used**Purpose:** To specify identifying information**Syntax Rules:**

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

Semantics:

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

Federal Note:

Use in 2/HL/010 transaction reference number loops to provide financial data citing the fund purpose code and either or both of the fund code and the long-line accounting data.

DLMS Note:

1. Must use in 2/HL/010 transaction reference number loops to identify the customer assigned transaction number, financial accounting data, the shipment unit number, and unique item tracking (UIT) associated with the shipment status transaction.

2. DLMS users see the Accounting Classification Appendix for specific entries for the basic appropriation number and supplemental accounting classification data.

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: Following is a list of preferred codes.

DLMS Note: 1. Use only one of codes BT, LT or SE, as needed, to identify batch numbers, lot numbers or unique item identifier (UII) numbers assigned to shipped material managed under lot or unique item tracking (UIT) control procedures.

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

Code Name

BT Batch Number

DLMS Note:

Use to identify the manufacturer's batch number or other number identifying a production run.

FG Fund Identification Number

DLMS Note:

1. Use to identify the fund purpose code. Cite any fund purpose code except CR or DR.

2. Use to identify accounting classification data against which a credit for the returned material will be provided.

LT Lot Number

DLMS Note:

Use to identify the manufacturer's lot number.

SE Serial Number

DLMS Note:

Use to identify a UII.

TG Transportation Control Number (TCN)

Code Name**DLMS Note:**

Must use in every 2/HL/010 transaction reference number loop to identify the shipment unit TCN.

TN Transaction Reference Number

DLMS Note:

Must use in every 2/HL/010 transaction reference number loop to identify the original customer-assigned transaction number associated with the material return.

REF02	127	Reference Identification	X	AN	1/30	Must use	1
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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
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Description: A free-form description to clarify the related data elements and their content

Federal Note: Use with REF01 code FG and REF04-01 code AT to cite the supplemental accounting classification data.

REF04	C040	Reference Identifier	O	Comp		Used	1
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Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Federal Note: 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.

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.

2. When needed, use codes from REF01-01 and the next available combination of data element 128/127 pairs to provide the necessary data.

	128	Reference Identification Qualifier	M	ID	2/3	Must use	1
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Description: Code qualifying the Reference Identification

DLMS Note: Use one of codes 08, AW, BL, BM, IZ, K2, K3, WY or ZH with REF01 code TG to further identify a secondary transportation number when known.

Code Name

08 Carrier Assigned Package Identification Number

DLMS Note:

Use to identify the shipment unit small package identification number.

10 Account Managers Code

Code	Name					
	DLMS Note: <i>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).</i>					
AT	Appropriation Number					
	DLMS Note: <i>Use in one of REF04-01 or REF04-03 to identify the basic appropriation data.</i>					
AW	Air Waybill Number					
	DLMS Note: <i>Use to identify the shipment unit air waybill number.</i>					
BL	Government Bill of Lading					
	DLMS Note: <i>Use to identify the government bill of lading.</i>					
BM	Bill of Lading Number					
	DLMS Note: <i>Use to identify the shipment unit commercial bill of lading number.</i>					
FU	Fund Code					
	DLMS Note: <i>Use with REF01 code FG to identify the fund code.</i>					
IZ	Insured Parcel Post Number					
	DLMS Note: <i>Use to identify the shipment unit insured parcel post number.</i>					
K1	Foreign Military Sales Notice Number					
	DLMS Note: <i>Use with REF01 code TG to identify the FMS Notice Number.</i>					
K2	Certified Mail Number					
	DLMS Note: <i>Use to identify the shipment unit certified mail number.</i>					
K3	Registered Mail Number					
	DLMS Note: <i>Use to identify the shipment unit registered parcel post number.</i>					
W8	Suffix					
	DLMS Note: <i>Use with REF01 code TN to identify the transaction number suffix.</i>					
WY	Waybill Number					
	DLMS Note: <i>Use to identify the shipment unit waybill number.</i>					
ZH	Carrier Assigned Reference Number					
	DLMS Note: <i>Use to identify the shipment unit express mail number.</i>					
127	Reference Identification	M	AN	1/30	Must use	1
	Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
128	Reference Identification Qualifier	X	ID	2/3	Used	1
	Description: Code qualifying the Reference Identification					
	Federal Note: For valid codes, see REF04, C04001.					
127	Reference Identification	X	AN	1/30	Used	1
	Description: Reference information as defined for a particular Transaction Set or as specified					

<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>
		by the Reference Identification Qualifier					
	128	Reference Identification Qualifier	X	ID	2/3	Used	1
		Description: Code qualifying the Reference Identification					
		Federal Note: For valid codes, see REF04, C04001.					
	127	Reference Identification	X	AN	1/30	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: 200	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/010 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.

Code Name

011 Shipped

DLMS Note:

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

514 Transferred

DLMS Note:

Use to identify material transfer date to the carrier, if a delay occurs prior to actual shipment.

DLMS enhancement; see introductory DLMS note 3a.

DTM02	373	Date	X	DT	8/8	Must use	1
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Description: Date expressed as CCYYMMDD

N1 Name

Pos: 220	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use**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/N1/220 loop in the 2/HL/010 address loop to identify the organization originating the transaction set and the organization to receive the transaction set.
2. Must use the 2/N1/220 loop in every 2/HL/010 transaction reference number loop to identify the shipment unit consignor, consignee, and carrier.
3. Use the 2/N1/220 loop as needed in 2/HL/010 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: Following is a list of preferred codes.

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

Code Name

41 Submitter

DLMS Note:

Use to identify the organization transmitting the transaction set.

CA Carrier

DLMS Note:

1. Use to identify the shipment unit carrier.
2. DLMS Enhancement: See introductory DLMS note 3a.

CN Consignee

DLMS Note:

Use to identify the material consignee when different from the Ship To.

MF Manufacturer of Goods

DLMS Note:

1. Use to identify the manufacturer of the UIT item.
2. DLMS Enhancement: See introductory DLMS note 3a.

SF Ship From

DLMS Note:

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

<u>Code</u>	<u>Name</u>
	2. DLMS Enhancement: See introductory DLMS note 3a.
ST	Ship To DLMS Note: 1. Use to identify the organization to receive the material. 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/N1/220 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.

N103 66 Identification Code Qualifier X ID 1/2 Must use 1

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

<u>Code</u>	<u>Name</u>
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 as needed 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) 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) DLMS Note: 1. The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assessed at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier. 2. Future streamlined data; See introductory DLMS note 3c.

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,

<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>
		property or an individual					
		Federal Note: Use only in 2/HL/010 address loops.					

Code Name

FR Message From

Federal Note:

Must use with the appropriate 2/N101/220 code to indicate the organization cited in N104 is sending the transaction set.

TO Message To

Federal Note:

Must use with the appropriate 2/N101/220 code to indicate the organization cited in N101 is receiving the transaction set.

LM Code Source Information

Pos: 340	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/010 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

Code Name

DF Department of Defense (DoD)

LQ Industry Code

Pos: 350	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: *Following is a list of preferred codes.*

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

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:

Use to accommodate legacy system requirements.

83 Supply Condition Code

DLMS Note:

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

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. Future streamlined data; see introductory DLMS note 3c.

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

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.

Code Name

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.

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: 20	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>					