

856 Ship Notice/Manifest

Functional Group=SH

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Notes:

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.
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Federal Note:

1. Use this transaction set to transmit a single shipment status to a single organization or multiple shipment status to a single address.
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. Organizations use this transaction set to provide advanced notification to a Container Consolidation Point (CCP) regarding an incoming shipment.
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 URL: <http://www.dla.mil/j-6/dlms>.
3. The following introductory notes are applicable to the contents of this DLMS Supplement. Cross-references to these notes appear throughout this document to clarify relevant data requirements; however, absence of such a note does not explicitly mean that none are applicable.
 - 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 file 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.
 - e. Data required to accommodate Component-unique transaction requirements (ex. C or B-series transactions). Data does not apply to DLSS transactions.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Used
0200	BSN	Beginning Segment for Ship Notice	M	1			Used
* 0400	DTM	Date/Time Reference	O	10			

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					200000	C2/0100L	
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
0200	LIN	Item Identification	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>
0300	SN1	Item Detail (Shipment)	O	1			Used
* 0400	SLN	Subline Item Detail	O	1000			
* 0500	PRF	Purchase Order Reference	O	1			
* 0600	PO4	Item Physical Details	O	1			
0700	PID	Product/Item Description	O	200			Used
* 0800	MEA	Measurements	O	40			
* 0900	PWK	Paperwork	O	25			
* 1000	PKG	Marking, Packaging, Loading	O	25			
1100	TD1	Carrier Details (Quantity and Weight)	O	20			Used
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
* LOOP ID - TD3					12		
1300	TD3	Carrier Details (Equipment)	M	1			
1350	AT9	Trailer or Container Dimension and Weight	O	1			
* 1400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			
* 1450	TSD	Trailer Shipment Details	O	1			
1500	REF	Reference Identification	O	>1			Used
* 1510	PER	Administrative Communications Contact	O	3			
* LOOP ID - LH1					100		
1520	LH1	Hazardous Identification Information	M	1			
1530	LH2	Hazardous Classification Information	O	4			
1540	LH3	Hazardous Material Shipping Name	O	12			
1550	LFH	Freeform Hazardous Material Information	O	20			
1560	LEP	EPA Required Data	O	>1			
1570	LH4	Canadian Dangerous Requirements	O	1			
1580	LHT	Transborder Hazardous Requirements	O	3			
1590	LHR	Hazardous Material Identifying Reference Numbers	O	10			
1600	PER	Administrative Communications Contact	O	5			
1610	LHE	Empty Equipment Hazardous Material Information	O	1			
* LOOP ID - CLD					200		
1700	CLD	Load Detail	M	1			
1800	REF	Reference Identification	O	200			
1850	DTP	Date or Time or Period	O	1			
* 1900	MAN	Marks and Numbers	O	>1			
2000	DTM	Date/Time Reference	O	10			Used
* 2100	FOB	F.O.B. Related Instructions	O	1			
* 2150	PAL	Pallet Information	O	1			
LOOP ID - N1					200		
2200	N1	Name	M	1			Must use
* 2300	N2	Additional Name Information	O	2			
* 2400	N3	Address Information	O	2			
* 2500	N4	Geographic Location	O	1			
* 2600	REF	Reference Identification	O	12			
* 2700	PER	Administrative Communications Contact	O	3			
* 2800	FOB	F.O.B. Related Instructions	O	1			
* 2900	SDQ	Destination Quantity	O	50			
* 3000	ETD	Excess Transportation Detail	O	1			
* 3100	CUR	Currency	O	1			
* LOOP ID - SAC					>1		
3200	SAC	Service, Promotion, Allowance, or Charge Information	M	1			
3250	CUR	Currency	O	1			
* 3300	GF	Furnished Goods and Services	O	1			
* 3350	YNQ	Yes/No Question	O	10			
LOOP ID - LM					10		

<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>
3400	LM	Code Source Information	M	1			Must use
3500	LQ	Industry Code	M	100			Used
* LOOP ID - V1					>1		
3600	V1	Vessel Identification	M	1			
3700	R4	Port or Terminal	O	>1			
3800	DTM	Date/Time Reference	O	>1			

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	
0200	SE	Transaction Set Trailer	M	1			Used

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Used

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>
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set Code Name 856 Ship Notice/Manifest	M	ID	3/3	Used
ST02	329	Transaction Set Control Number 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>	M	AN	4/9	Used

BSN Beginning Segment for Ship Notice

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

User Option (Usage): Used

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>
BSN01	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set	M	ID	2/2	Used
		Code Name				
		00 Original				
BSN02	396	Shipment Identification Description: A unique control number assigned by the original shipper to identify a specific shipment Federal Note: Use 'ZZ' for this data element to satisfy X12 syntax requirements.	M	AN	2/30	Used
BSN03	373	Date Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Federal Note: This date corresponds to the Universal Time Coordinate (UTC)	M	DT	8/8	Used
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	Used
BSN06	640	Transaction Type Code Description: Code specifying the type of transaction	X	ID	2/2	Used
		Code Name				
		AS Shipment Advice				
		DLMS Note: Use to indicate this transaction provides shipment status information.				
BSN07	641	Status Reason Code Description: Code indicating the status reason	X	ID	3/3	Used
		Code Name				
		045 Facility Added				
		DLMS Note: Use to indicate this transaction provides shipment status or transportation movement data related to shipment to a CCP.				

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

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 originator address information.
3. Use the second 2/HL/0100 loop iteration to identify shipment information.

DLMS Note:

Use the second 2/HL/0100 loop iteration to identify either the shipment status information or the transportation detail 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>
HL01	628	Hierarchical ID Number 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 numeric 1. In each subsequent loop iteration, increase incrementally by 1.	M	AN	1/12	Used
HL02	734	Hierarchical Parent ID Number Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O	AN	1/12	Used
HL03	735	Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure DLMS Note: The following informational loops are applicable to this transaction. The HL loop sequence is: V (Address, and W (Shipment Status).	M	ID	1/2	Used

Code Name

V Address Information

DLMS Note:

Use to identify the address loop which specifies the transaction originator. Use only one address loop per transaction.

W Transaction Reference Number

DLMS Note:

Use to identify the shipment information status loop which identifies the transaction reference number (requisition document number) and associated shipment information.

AH Transportation Detail

DLMS Note:

Use to identify the Transportation Movement Data and General or Hazardous related remarks to a shipment to a CCP.

LIN Item Identification

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

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 only in 2/HL/0100 shipment information loop to identify the material shipped.

DLMS Note:

Use this segment to identify the National Stock Number when sending a Materiel Receipt Detail Transaction for CCP.

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>
LIN02	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Federal Note: Use any code. DLMS Note: For DLMS use, only the following codes are authorized.	M	ID	2/2	Used
		Code Name FS National Stock Number				
LIN03	234	Product/Service ID Description: Identifying number for a product or service	M	AN	1/48	Used

SN1 Item Detail (Shipment)

Pos: 0300	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

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:

Must use only in 2/HL/0100 shipment status loop to identify the number of units shipped.

DLMS Note:

Must use only in 2/HL/0100 shipment information loop to identify the number of units shipped when sending a Materiel Receipt Detail Transaction for a CCP.

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

PID Product/Item Description

Pos: 0700	Max: 200
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Used

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

Syntax Rules:

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

Semantics:

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

Comments:

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

DLMS Note:

1. Use in the 2/HL/0100 transportation detail loop to provide In-the-clear remarks or hazardous remarks for a Transportation Movement Data transaction for a CCP.

2. Remarks are limited to 16,000 characters.

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>
PID01	349	Item Description Type Description: Code indicating the format of a description Code Name F Free-form	M	ID	1/1	Used
PID02	750	Product/Process Characteristic Code Description: Code identifying the general class of a product or process characteristic Code Name HZ Hazardous Material	O	ID	2/3	Used
		DLMS Note: 1. Use to indicate hazardous remarks for Transportation Movement Data for a CCP. 2. Use multiple iterations of the PID segment to identify the In-the-clear hazardous materiel description. Repeat this HZ qualifier as necessary to complete the In-the-clear hazardous materiel description.				
		GEN General Description DLMS Note: 1. Use to indicate In-the-clear remarks for a Transportation Movement Data transaction for a CCP. 2. Use multiple iterations of the PID segment to identify the In-the-clear remarks. Repeat this GEN qualifier as necessary to complete the In the-clear description of shipment data.				
PID05	352	Description Description: A free-form description to clarify the related data elements and their content	X	AN	1/80	Used

TD1 Carrier Details (Quantity and Weight)

Pos: 1100	Max: 20
Detail - Optional	
Loop: HL	Elements: 7

User Option (Usage): Used

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

Syntax Rules:

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

DLMS Note:

Must use in the 2/HL/0100 transportation detail loop to indicate the piece, weight and cube on each shipment unit the when providing Transportation Control Movement Data to a CCP.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD101	103	Packaging Code Description: Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required Code Name PCS Pieces	X	AN	3/5	Used
TD102	80	Lading Quantity Description: Number of units (pieces) of the lading commodity DLMS Note: Use to indicate the total pieces contained in the shipment unit.	X	N0	1/7	Used
TD106	187	Weight Qualifier Description: Code defining the type of weight Code Name A3 Shippers Weight DLMS Note: Use to indicate the total weight of the shipment unit.	X	ID	1/2	Used
TD107	81	Weight Description: Numeric value of weight	X	R	1/10	Used
TD108	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Code Name 01 Actual Pounds	X	ID	2/2	Used
TD109	183	Volume Description: Value of volumetric measure	X	R	1/8	Used
TD110	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Code Name CF Cubic Feet DLMS Note: Use to indicate the total cube of the shipment unit. Round the decimal cube from the shipment record to the next highest whole number.	X	ID	2/2	Used

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 1200	Max: 12
Detail - Optional	
Loop: HL	Elements: 1

User Option (Usage): Used

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

Syntax Rules:

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

Semantics:

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

Comments:

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

Federal Note:

Use only in 2/HL/0100 shipment status loop to identify the mode of shipment.

DLMS Note:

Use only in 2/HL/0100 shipment information loop to identify the mode of shipment for Materiel Receipt Detail Transactions for a CCP.

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>
TD504	91	Transportation Method/Type Code Description: Code specifying the method or type of transportation for the shipment Federal Note: <i>Use to identify the mode of shipment.</i> DLMS Note: <i>DLMS users see the Transportation Mode of Shipment Conversion Table for available codes.</i> All valid standard codes are used.	X	ID	1/2	Used

REF Reference Identification

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Used

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:

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

DLMS Note:

1. Must use in 2/HL/0100 shipment information loop to identify the transaction document number, and the transportation control number and other shipment information for the transaction. Repeat the REF segment within each shipment information loop to identify relevant information.

2. Must use in 2/HL/0100 transportation detail information loop to identify the transportation control number.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification Federal Note: Use any code. DLMS Note: For DLMS use, only the following codes are authorized.	M	ID	2/3	Used
		Code Name				
		BL Government Bill of Lading DLMS Note: 1. Use to identify the government bill of lading. 2. DLMS enhancement; see introductory DLMS 3a.				
		FG Fund Identification Number DLMS Note: 1. Use to identify the fund purpose code. Cite 'ZZ' in REF02 to satisfy X12 syntax requirements. 2. When identifying a Fund Code using REF04, identification of the fund purpose code is required to meet syntax rules and structured format designed to support future enhancement of appropriation/funding data.				
		SS Split Shipment Number DLMS Note: 1. Use to indicate a partial or final shipment. Enter "F" in REF02 to indicate a final shipment. Enter "P" when MRO data indicate a partial shipment. 2. Do not use for Air Line of Communications (ALOC) shipments.				
		TG Transportation Control Number (TCN) DLMS Note: Use in the 2/HL/0100 shipment information and transportation detail loops to identify the shipment unit TCN.				
		TH Transportation Account Code (TAC) DLMS Note: Use in the 2/HL/0100 transportation detail loop to identify the Transportation Account Code of the materiel shipped.				
		TN Transaction Reference Number DLMS Note: Use in the 2/HL/0100 shipment information loop to identify the customer assigned document number associated with the shipment unit.				
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/50	Used
REF04	C040	Reference Identifier	O	Comp		Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
128		<p>Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</p> <p>Reference Identification Qualifier</p> <p>Description: Code qualifying the Reference Identification</p> <p>Federal Note: <i>Use any code.</i></p> <p>DLMS Note: <i>For DLMS use, only the following codes are authorized.</i></p> <p>Code Name</p> <p>FU Fund Code</p> <p>DLMS Note:</p> <ol style="list-style-type: none"> 1. Use REF04 to associate data with the REF01. 2. When providing the fund code, use REF04-01 code FU and cite the fund code in REF04-02. For example: REF01=FG; REF02=ZZ; REF04-01 (composite)=FU; REF04-02=fund code value. 	M	ID	2/3	Used
127		<p>Reference Identification</p> <p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>	M	AN	1/50	Used

DTM Date/Time Reference

Pos: 2000	Max: 10
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

Syntax Rules:

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

Federal Note:

Use only in the 2/HL/0100 shipment information loop to identify dates associated with the shipment 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>
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	M	ID	3/3	Used
		Code Name				
	011	Shipped				
		DLMS Note:				
		<i>Use to identify the material shipment date, regardless of shipment method.</i>				
	996	Required Delivery				
		DLMS Note:				
		<i>Use to identify the required delivery date for the shipment.</i>				
DTM02	373	Date Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X	DT	8/8	Used

N1 Name

Pos: 2200	Max: 1
Detail - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Must use

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

Syntax Rules:

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

Comments:

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

Federal Note:

1. Use to identify the organization originating and receiving the transaction.
2. Use additional iterations to identify other organizations associated with the transaction.

DLMS Note:

1. Must use the 2/N1/2200 loop in the address loop to identify the organization originating the transaction.
2. Must use the 2/N1/2200 loop in the shipment information and transportation detail loops to identify the organization to receive the transaction.
3. Use as needed to identify other organizations associated with the transaction.

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>
N101	98	Entity Identifier Code 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. Code Name CN Consignee DLMS Note: Use to identify the DoD Activity Address Code for the ultimate consignee activity. KA Item Manager DLMS Note: Use to identify the Routing Identifier of the Commodity Manager from the Material Release Order. SB Storage Area DLMS Note: 1. Use to identify the consigning activity (shipping activity). 2. Use two iterations of 2/N1/2200 with code SB, Storage Area, to indicate the DoDAAC and Routing Identifier Code of the shipping activity in a Transportation Movement Data Transaction for a CCP. T4 Transfer Point DLMS Note: Use to identify the Routing Identifier of the recipient CCP.	M	ID	2/3	Used
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) Federal Note: Use any code. DLMS Note: For DLMS use, only the following codes are authorized. Code Name 10 Department of Defense Activity Address Code (DODAAC) M4 Department of Defense Routing Identifier Code (RIC)	X	ID	1/2	Used
N104	67	Identification Code Description: Code identifying a party or other code	X	AN	2/80	Used
N106	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual	O	ID	2/3	Used

Code Name

FR Message From

Federal Note:

Must use in the address loop with the appropriate 2/N101/2200 code to indicate the organization cited in N104 is originating the transaction set.

TO Message To

Federal Note:

Must use in the shipment information loop with the appropriate 2/N101/2200 code to indicate the organization cited in N104 is receiving the transaction set.

LM Code Source Information

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

User Option (Usage): Must use

To transmit standard code list identification information

Comments:

- LM02 identifies the applicable industry code list source information.

Federal Note:

Must use only in the 2/HL/0100 shipment information loop 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>
LM01	559	Agency Qualifier Code Description: Code identifying the agency assigning the code values	M	ID	2/2	Used
		Code Name DF Department of Defense (DoD)				

LQ Industry Code

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

User Option (Usage): Used

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 requirements.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LQ01	1270	Code List Qualifier Code Description: Code identifying a specific industry code list Federal Note: Use any code. DLMS Note: For DLMS use, only the following codes are authorized. Code Name 0 Document Identification Code 33 Air Commodity and Special Handling Code DLMS Note: Use to indicate the Air Commodity Code of the materiel shipped. 34 Water Commodity and Special Handling Code DLMS Note: Use to indicate the Water Commodity Code of the materiel shipped. 40 Type Pack Code DLMS Note: Use to indicate the Type Pack Code. 78 Project Code DLMS Note: Use to indicate Project Code from Material Release Order. 79 Priority Designator Code DLMS Note: Use to indicate Priority Code from Material Release Order. A9 Supplemental Data DLMS Note: Use to indicate Supplementary Address from Material Release Order. AK Distribution Code DLMS Note: Use to indicate Distribution Code from Material Release Order. GQ Group Qualifier Code DLMS Note: 1. Use to indicate the Issue Priority Group (1, 2, or 3) in a Transportation Movement Data transaction for a CCP. 2. This is a temporary code, a data maintenance item will be submitted for Issue Priority Group.	X	ID	1/3	Used
LQ02	1271	Industry Code Description: Code indicating a code from a specific industry code list	X	AN	1/30	Used

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Used

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:

- 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>
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Used
SE02	329	Transaction Set Control Number 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>	M	AN	4/9	Used

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