

# 846 Inventory Inquiry/Advice

## Functional Group=IB

This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

### Notes:

- 2/390L The REF loop conveys serial number, lot number, and inventory data.  
 2/390 The REF loop conveys serial number, lot number, and inventory data.  
 3/010 Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

### Federal Note:

1. Organizations use this transaction set to request and/or report asset status and inventory balance information.
2. Use one occurrence of this transaction set to transmit a single or multiple transactions.
3. 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. DLSS functionality allows for Service/Agency data in various RP(s). Data conveyed therein will require Service/Agency identification to DLMSO and incorporation into the DLMS.
2. Use a single occurrence of this transaction set to exchange transactions with a single or multiple organizations.
3. Users operating under the Defense Logistics Management system (DLMS) must reference the Unit of Issue and Purchase Unit 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>.
4. 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.

### Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1			Must use
* 040	CUR	Currency	O	1			Not used
* 050	DTM	Date/Time Reference	O	10			Not used
* 060	REF	Reference Identification	O	12			Not used
* 070	PER	Administrative Communications Contact	O	3			Not used
* 075	MEA	Measurements	O	20			Not used
<b>LOOP ID - N1</b>					<b>5</b>		
080	N1	Name	O	1			Used
* 090	N2	Additional Name Information	O	2			
* 100	N3	Address Information	O	2			
* 110	N4	Geographic Location	O	1			
* 120	REF	Reference Identification	O	12			
* 130	PER	Administrative Communications	O	3			

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u> Contact	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>* LOOP ID - LM</b>					<b>10</b>		
* 140	LM	Code Source Information	O	1			
* 150	LQ	Industry Code	M	100			

**Detail:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - LIN</b>					<b>10000</b>		
010	LIN	Item Identification	M	1			Must use
* 030	PID	Product/Item Description	O	200			
* 040	MEA	Measurements	O	40			
* 050	PKG	Marking, Packaging, Loading	O	25			
100	DTM	Date/Time Reference	O	10			Used
* 110	CTP	Pricing Information	O	25			
* 120	CUR	Currency	O	1			
* 130	SAC	Service, Promotion, Allowance, or Charge Information	O	25			
140	REF	Reference Identification	O	>1			Used
* 150	PER	Administrative Communications Contact	O	3			
* 220	SDQ	Destination Quantity	O	500			
* 230	MAN	Marks and Numbers	O	1			
* 235	UIT	Unit Detail	O	5			
* 240	CS	Contract Summary	O	1			
250	DD	Demand Detail	O	>1			Used
* 255	G53	Maintenance Type	O	1			
* 256	PCT	Percent Amounts	O	>1			
* 257	LDT	Lead Time	O	12			
<b>LOOP ID - LM</b>					<b>10</b>		
260	LM	Code Source Information	O	1			Used
270	LQ	Industry Code	M	100			Must use
<b>* LOOP ID - SLN</b>					<b>1000</b>		
* 280	SLN	Subline Item Detail	O	1			
* 290	PID	Product/Item Description	O	200			
* 300	MEA	Measurements	O	40			
* 310	PKG	Marking, Packaging, Loading	O	25			
<b>* LOOP ID - MAN</b>					<b>100</b>		
* 312	MAN	Marks and Numbers	O	1			
* 314	MEA	Measurements	O	40			
<b>LOOP ID - QTY</b>					<b>99</b>		
320	QTY	Quantity	O	1			Used
* 330	UIT	Unit Detail	O	12			
* 340	MEA	Measurements	O	25			
* 350	LDT	Lead Time	O	12			
* 355	DTM	Date/Time Reference	O	10			
<b>* LOOP ID - SCH</b>					<b>25</b>		
* 360	SCH	Line Item Schedule	O	1			
* 370	MEA	Measurements	O	25			
<b>LOOP ID - LM</b>					<b>&gt;1</b>		
375	LM	Code Source Information	O	1			Used
376	LQ	Industry Code	M	100			Must use
<b>LOOP ID - LS</b>					<b>1</b>		
380	LS	Loop Header	O	1			Used
<b>LOOP ID - REF</b>					<b>&gt;1</b>	<b>N2/390L</b>	
390	REF	Reference Identification	O	1		N2/390	Used
400	DTM	Date/Time Reference	O	>1			Used
410	N1	Name	O	1			Used
<b>* LOOP ID - LM</b>					<b>10</b>		
* 420	LM	Code Source Information	O	1			
* 430	LQ	Industry Code	M	100			
440	LE	Loop Trailer	M	1			Used
<b>LOOP ID - N1</b>					<b>200</b>		
450	N1	Name	O	1			Used
* 460	N2	Additional Name Information	O	2			
* 470	N3	Address Information	O	2			

<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>
* 480	N4	Geographic Location	O	1			
* 490	REF	Reference Identification	O	12			
* 500	PER	Administrative Communications Contact	O	3			

**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>
* 010	CTT	Transaction Totals	O	1		N3/010	Not used
020	SE	Transaction Set Trailer	M	1			Must use

# ST Transaction Set Header

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

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

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	<b>Transaction Set Identifier Code</b> <b>Description:</b> Code uniquely identifying a Transaction Set <b>Code Name</b> 846 Inventory Inquiry/Advice	M	ID	3/3	Must use	1
ST02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <b>Federal Note:</b> <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	M	AN	4/9	Must use	1

# BIA Beginning Segment for Inventory Inquiry/Advice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

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

To indicate the beginning of an Inventory Inquiry/Advice Transaction Set

## Semantics:

1. BIA03 identifies the number of the inquiry/advice that is transferred.
2. BIA04 identifies the date of the inquiry/advice that is transferred.
3. BIA05 identifies the time of the inquiry/advice that is transferred.

## 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>
BIA01	353	<b>Transaction Set Purpose Code</b> <b>Description:</b> Code identifying purpose of transaction set <b>Code Name</b> 00 Original 77 Simulation Exercise <b>DLMS Note:</b> <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>	M	ID	2/2	Must use	1
BIA02	755	<b>Report Type Code</b> <b>Description:</b> Code indicating the title or contents of a document, report or supporting item <b>Code Name</b> TI Asset Status Inquiry <b>DLMS Note:</b> <i>Use to identify a request for asset information.</i> TJ Asset Status Advice <b>DLMS Note:</b> <i>Use to identify an asset status report.</i>	M	ID	2/2	Must use	1
BIA03	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Federal Note:</b> <i>Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>	M	AN	1/30	Must use	1
BIA04	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD <b>Federal Note:</b> <i>Use to indicate the transaction set preparation date. This date corresponds to the Universal Time Coordinate (UTC).</i> <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 4a.</i>	M	DT	8/8	Must use	1
BIA05	337	<b>Time</b> <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <b>Federal Note:</b> <i>1. Express the originating activity's time of transaction set preparation in UTC. 2. Express time in a four-position (HHMM) format.</i>	O	TM	4/8	Used	1

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		<b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 4a.</i>					

# N1 Name

Pos: 080	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

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

**Syntax:**

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are 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:**

*Must use this 1/N1/080 loop to identify 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	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>Federal Note:</b> <i>Following is a list of preferred codes.</i> <b>DLMS Note:</b> <i>1. Use only one of codes SB or Z4.</i> <i>2. For DLMS use, only the following codes are authorized.</i> <b>Code Name</b> SB Storage Area <b>DLMS Note:</b> <i>Use to indicate a depot or storage activity.</i>	M	ID	2/3	Must use	1
N103	66	Z4 <b>Owning Inventory Control Point Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67) <b>Code Name</b> 1 D-U-N-S Number, Dun & Bradstreet <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 4a.</i> 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 4a.</i> 10 Department of Defense Activity Address Code (DODAAC) <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 4a.</i> M4 Department of Defense Routing Identifier Code (RIC) <b>DLMS Note:</b> <i>1. Future Streamlined data; see DLMS supplement note 4c.</i> <i>2. 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.</i>	C	ID	1/2	Used	1
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used	1
N106	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>Code Name</b> FR Message From	O	ID	2/3	Used	1

**Code Name**

**Federal Note:**

*Must use in conjunction with the appropriate  
1/N101/080 code to indicate the organization cited in N104 is originating the transaction set.*

# LIN Item Identification

Pos: 010	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 4

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

To specify basic item identification data

## Syntax:

1. P0405 - If either LIN04,LIN05 is present, then all are required
2. P0607 - If either LIN06,LIN07 is present, then all are required
3. P0809 - If either LIN08,LIN09 is present, then all are required
4. P1011 - If either LIN10,LIN11 is present, then all are required
5. P1213 - If either LIN12,LIN13 is present, then all are required
6. P1415 - If either LIN14,LIN15 is present, then all are required
7. P1617 - If either LIN16,LIN17 is present, then all are required
8. P1819 - If either LIN18,LIN19 is present, then all are required
9. P2021 - If either LIN20,LIN21 is present, then all are required
10. P2223 - If either LIN22,LIN23 is present, then all are required
11. P2425 - If either LIN24,LIN25 is present, then all are required
12. P2627 - If either LIN26,LIN27 is present, then all are required
13. P2829 - If either LIN28,LIN29 is present, then all are required
14. P3031 - If either LIN30,LIN31 is present, then all are 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 the 2/LIN/010 loop to identify the material, transaction number, and inventory information associated with asset status reporting.*

## 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	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>DLMS Note:</b> Use only one of codes A1, A2, A4, FS, or MG to identify the item of inventory. Must use the National Stock Number (NSN) when known.	M	ID	2/2	Must use	1
		<b>Code Name</b>					
		A1 Plant Equipment Number <b>DLMS Note:</b> 1. Use to identify plant equipment. 2. DLMS enhancement; see DLMS supplement note 4a.					
		A2 Department of Defense Identification Code (DoDIC) <b>DLMS Note:</b> 1. Use to identify ammunition items. 2. DLMS enhancement; see DLMS supplement note 4a.					
		A4 Subsistence Identification Number <b>DLMS Note:</b> Use to identify subsistence items.					
		F4 Series Identifier <b>DLMS Note:</b> Use to identify the manufacturer's series number of the end item.					
		FB Form Number <b>DLMS Note:</b> Use to identify the form stock number.					
		FS National Stock Number <b>DLMS Note:</b> 1. Must use the NSN when known.					

		<b>Code</b>	<b>Name</b>				
			2. DLMS enhancement; see DLMS supplement note 4a.				
		MG	Manufacturer's Part Number				
			<b>DLMS Note:</b> Use to identify nonstandard material.				
		MN	Model Number				
			<b>DLMS Note:</b> Use to identify the manufacturer's model number of the end item.				
		SN	Serial Number				
			<b>DLMS Note:</b> Use to identify the manufacturer's serial number of the end item.				
		YP	Publication Number				
			<b>DLMS Note:</b> Use to identify the publication stock number.				

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

LIN04	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Used	1
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)					

		<b>Code</b>	<b>Name</b>				
		ZB	Commercial and Government Entity (CAGE) Code				
			<b>DLMS Note:</b> 1. Use only with LIN02 code MG to uniquely identify a manufacturer's part number. 2. DLMS enhancement; see DLMS supplement note 4a.				

LIN05	234	<b>Product/Service ID</b>	C	AN	1/48	Used	1
		<b>Description:</b> Identifying number for a product or service					

# DTM Date/Time Reference

Pos: 100	Max: 10
Detail - Optional	
Loop: LIN	Elements: 2

**User Option (Usage):** Used

To specify pertinent dates and times

**Syntax:**

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

**Federal Note:***Must use 2/DTM/100 to identify dates 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>	<u>Rep</u>
DTM01	374	<b>Date/Time Qualifier</b> <b>Description:</b> Code specifying type of date or time, or both date and time	M	ID	3/3	Must use	1
		<b>Code Name</b>					
	036	Expiration <b>DLMS Note:</b> <i>For subsistence items, use for asset status reports only to identify the expiration date of the reported material.</i>					
	090	Report Start <b>DLMS Note:</b> <i>Use in asset status inquiries to identify the start date for inventory reporting.</i>					
	091	Report End <b>DLMS Note:</b> <i>Use in asset status inquiries to identify the stop date for inventory reporting.</i>					
	106	Required By <b>DLMS Note:</b> <i>Use in asset status inquiries to identify the date by which a one-time asset status report is required.</i>					
	510	Date Packed <b>DLMS Note:</b> <i>For subsistence items, use for asset status reports to identify the date packed of the reported material.</i>					
	600	As Of <b>DLMS Note:</b> <i>Use for asset status reports to identify the close of business date associated with the inventory information.</i>					
DTM02	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	C	DT	8/8	Used	1

# REF Reference Identification

Pos: 140	Max: >1
Detail - Optional	
Loop: LIN	Elements: 2

**User Option (Usage):** Used

To specify identifying information

**Syntax:**

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

**Semantics:**

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

**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	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <b>Federal Note:</b> <i>Following is a list of preferred codes.</i> <b>DLMS Note:</b> <i>For DLMS use, only the following code is authorized,</i>	M	ID	2/3	Must use	1
		<b>Code Name</b> TN Transaction Reference Number <b>DLMS Note:</b> <i>Use to identify the transaction number.</i>					
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Used	1

# DD Demand Detail

Pos: 250	Max: >1
Detail - Optional	
Loop: LIN	Elements: 1

**User Option (Usage):** Used

To describe the type of demand and the intended use of material

**Syntax:**

1. C0201 - If DD02 is present, then all of DD01 are required
2. P030405 - If either DD03,DD04,DD05 is present, then all are required
3. C0605 - If DD06 is present, then all of DD05 are required
4. C1009 - If DD10 is present, then all of DD09 are required

**Semantics:**

1. DD08 transmits the stock level indicator. A "Y" indicates that the material is normally carried in stock; an "N" indicates that the material is not normally stocked.

**Federal Note:**

*Use only when reporting information below the wholesale distribution system.*

**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>
DD08	1073	<b>Yes/No Condition or Response Code</b>	O	ID	1/1	Used	1
		<b>Description:</b> Code indicating a Yes or No condition or response					
		<b>Code Name</b>					
		N No					
		<b>DLMS Note:</b>					
		<i>DLMS enhancement; see DLMS supplement note 4a.</i>					
		Y Yes					
		<b>DLMS Note:</b>					
		<i>DLMS enhancement; see DLMS supplement note 4a</i>					

# LM Code Source Information

Pos: 260	Max: 1
Detail - Optional	
Loop: LM	Elements: 1

**User Option (Usage):** Used

To transmit standard code list identification information

**Comments:**

- LM02 identifies the applicable industry code list source information.

**Federal Note:**

*Use this 2/LM/260 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>	<u>Rep</u>
LM01	559	<b>Agency Qualifier Code</b>	M	ID	2/2	Must use	1
		<b>Description:</b> Code identifying the agency assigning the code values					
		<b>Code Name</b>					
		DF Department of Defense (DoD)					

# LQ Industry Code

Pos: 270	Max: 100
Detail - Mandatory	
Loop: LM	Elements: 2

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

Code to transmit standard industry codes

**Syntax:**

1. C0102 - If LQ01 is present, then all of LQ02 are 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	<b>Code List Qualifier Code</b> <b>Description:</b> Code identifying a specific industry code list <b>Federal Note:</b> <i>Following is a list of preferred codes.</i> <b>DLMS Note:</b> <i>For DLMS use, only the following codes are authorized.</i>	O	ID	1/3	Used	1
		<b>Code Name</b>					
	0	Document Identification Code <b>DLMS Note:</b> 1. <i>Future Streamlined data; see DLMS supplement note 4c.</i>  2. <i>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.</i>					
	A9	Supplemental Data <b>DLMS Note:</b> 1. <i>Use to identify supplemental address/data.</i>  2. <i>Future streamlined data; see introductory DLMS note 4c.</i>					
	AJ	Utilization Code <b>DLMS Note:</b> 1. <i>Under DLSS, this is the first position of the document serial number.</i>  2. <i>DLMS enhancement; see introductory DLMS note 4a.</i>					
	AL	Special Requirements Code <b>Federal Note:</b> <i>Use to identify the precedence, special handling, and processing requirements.</i> <b>DLMS Note:</b> 1. <i>Under DLSS, this is carried in the required delivery date field.</i>  2. <i>DLMS enhancement; see introductory DLMS note 4a.</i>					
	EA	Asset Status or Transaction Reporting Code <b>DLMS Note:</b> <i>Use to identify the type of asset status report required.</i>					
	COG	Cognizance Symbol <b>DLMS Note:</b> <i>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.</i>					
	IMC	Item Management Code <b>DLMS Note:</b> <i>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.</i>					
	MCC	Material Control Code <b>DLMS Note:</b> <i>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.</i>					
	SMI	Special Material Identification Code					

**Code Name****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	<b>Industry Code</b>	C	AN	1/30	Used	1
------	------	----------------------	---	----	------	------	---

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

# QTY Quantity

Pos: 320	Max: 1
Detail - Optional	
Loop: QTY	Elements: 3

User Option (Usage): Used

To specify quantity information

## Syntax:

1. R0204 - At least one of QTY02,QTY04 is required
2. E0204 - Only one of QTY02,QTY04 may be presented

## Semantics:

1. QTY04 is used when the quantity is non-numeric.

## DLMS Note:

Use multiple iterations of the 2/QTY/320 loop, as needed, in asset status reports only to stratify inventory values and Unique Item Tracking (UIT) information by material classification.

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY01	673	<b>Quantity Qualifier</b> <b>Description:</b> Code specifying the type of quantity	M	ID	2/2	Must use	1
		<b>Code Name</b>					
		17 Quantity on Hand <b>DLMS Note:</b> <i>Use to identify the on hand quantity.</i>					
		60 Total Authorized Quantity <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 4a.</i>					
		BA Due-In <b>DLMS Note:</b> <i>Use to identify the total quantity reflected as due-in on inventory records.</i>					
		BQ Backorder Quantity <b>DLMS Note:</b> <i>Use to identify the total quantity reflected as back ordered on inventory records.</i>					
		V1 Retention Quantity <b>DLMS Note:</b> <i>1. Use to identify the retention level.</i>  <i>2. DLMS enhancement; see DLMS supplement note 4a.</i>					
		XJ Other War Reserve Material Requirements Protectable (OWRMRP) Quantity <b>DLMS Note:</b> <i>1. Use to identify the quantity intended to provide the interim support essential to sustain operations until resupply can be effected.</i>  <i>2. DLMS enhancement; see DLMS supplement note 4a.</i>					
		XU Reserved <b>DLMS Note:</b> <i>Use to identify the total quantity reflected as reserved for special projects or programs on inventory records.</i>					
		XV Requisitioning Objective					
		XY Safety Level <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 4a.</i>					
		YA Total Demand Quantity <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 4a.</i>					
		YB Total Demand Orders					
		YW Reorder Point Quantity					
QTY02	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity <b>Federal Note:</b> Express as a whole number with no decimals. <b>DLMS Note:</b> A field size exceeding 5 positions (seven for FSG 13, ammunition) may not be received or	C	R	1/15	Used	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>
QTY03	C001	<i>understood by recipient's automated processing system. See DLMS supplement note 4d.</i> <b>Composite Unit of Measure</b> <b>Description:</b> To identify a composite unit of measure(See Figures Appendix for examples of use)	O	Comp		Used	1
	355	<b>Unit or Basis for Measurement Code</b> <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>DLMS Note:</b> <i>DLMS users see the Unit of Issue and Purchase Unit Conversion Table for applicable codes.</i> <b>All valid standard codes are used.</b>	M	ID	2/2	Must use	1
	355	<b>Unit or Basis for Measurement Code</b> <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>Code Name</b> C5 Cost	O	ID	2/2	Used	1
	1018	<b>Exponent</b> <b>Description:</b> Power to which a unit is raised <b>Federal Note:</b> <i>When C00104 is Code C5, use to convey Unit Price.</i>	O	R	1/15	Used	1

# LM Code Source Information

Pos: 375	Max: 1
Detail - Optional	
Loop: LM	Elements: 1

**User Option (Usage):** Used

To transmit standard code list identification information

**Comments:**

- LM02 identifies the applicable industry code list source information.

**Federal Note:**

*Use the 2/LM/375 loop for asset status reports only to identify Agency unique coded data related to the characteristics and coding requirements for 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>	<u>Rep</u>
LM01	559	<b>Agency Qualifier Code</b>	M	ID	2/2	Must use	1
		<b>Description:</b> Code identifying the agency assigning the code values					
		<b>Code Name</b>					
		DF Department of Defense (DoD)					

# LQ Industry Code

Pos: 376	Max: 100
Detail - Mandatory	
Loop: LM	Elements: 2

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

Code to transmit standard industry codes

## Syntax:

1. C0102 - If LQ01 is present, then all of LQ02 are 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	<b>Code List Qualifier Code</b> <b>Description:</b> Code identifying a specific industry code list <b>Federal Note:</b> <i>Following is a list of preferred codes.</i> <b>DLMS Note:</b> <i>1. Use either code 99 or A1 (but not both), except for ammunition where both codes may be used.</i> <i>2. For DLMS use, only the following codes are authorized. (Use of both codes for ammunition is a DLMS enhancement (see introductory DLMS note 4a. )</i>	O	ID	1/3	Used	1
		<b>Code Name</b>					
		83 Supply Condition Code					
		87 Subsistence Type of Pack Code <b>DLMS Note:</b> <i>1. Use only for subsistence items to identify subsistence type of pack information.</i> <i>2. DLMS enhancement; see DLMS supplement note 4a.</i>					
		99 Purpose Code					
		A1 Ownership Code					
		A9 Supplemental Data <b>DLMS Note:</b> <i>1. Use to identify supplemental address/data.</i> <i>2. Future streamlined data; see introductory DLMS note 4c.</i>					
		AJ Utilization Code <b>DLMS Note:</b> <i>1. Under DLSS, this is the first position of the document serial number.</i> <i>2. DLMS enhancement; see introductory DLMS note 4a.</i>					
		AL Special Requirements Code <b>Federal Note:</b> <i>Use to identify the precedence, special handling, and processing requirements.</i> <b>DLMS Note:</b> <i>1. Under DLSS, this is carried in the required delivery date field.</i> <i>2. DLMS enhancement; see introductory DLMS note 4a.</i>					
		COG Cognizance Symbol <b>DLMS Note:</b> <i>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.</i>					
		IMC Item Management Code <b>DLMS Note:</b> <i>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.</i>					
		MCC Material Control Code <b>DLMS Note:</b> <i>Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data</i>					

**Code Name**

*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	<b>Industry Code</b>	C	AN	1/30	Used	1
		<b>Description:</b>					
		Code indicating a code from a specific industry code list					

# LS Loop Header

Pos: 380	Max: 1
Detail - Optional	
Loop: LS	Elements: 1

**User Option (Usage):** Used

To indicate that the next segment begins a loop

## Semantics:

- One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

## Comments:

- See Figures Appendix for an explanation of the use of the LS and LE segments.

## Federal Note:

*Use in each 2/QTY/320 loop to prevent a syntax error in the use of the 2/REF/390 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>
LS01	447	<b>Loop Identifier Code</b> <b>Description:</b> The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE <b>Federal Note:</b> <i>Cite REF to indicate the 2/REF/390 loop.</i>	M	AN	1/6	Must use	1

# REF Reference Identification

Pos: 390	Max: 1
Detail - Optional	
Loop: REF	Elements: 2

**User Option (Usage):** Used

To specify identifying information

**Syntax:**

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

**Semantics:**

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

**DLMS Note:**

Use the 2/REF/390 loop in asset status reports to provide Unique Item Tracking (UIT) information when inventories are segregated in this manner.

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <b>Federal Note:</b> <i>Following is a list of preferred codes.</i> <b>DLMS Note:</b> <i>For DLMS use, only the following codes are authorized.</i>	M	ID	2/3	Must use	1
		<b>Code Name</b> BT Batch Number <b>DLMS Note:</b> <i>Use to identify the batch number or other number identifying the production run.</i>					
		LT Lot Number <b>DLMS Note:</b> 1. <i>Use for the manufacturer's lot number.</i> 2. <i>DLMS enhancement; see DLMS supplement note 4a.</i>					
		SE Serial Number <b>DLMS Note:</b> 1. <i>Use to identify a unique item identifier.</i> 2. <i>DLMS enhancement; see DLMS supplement note 4a.</i>					
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Used	1

# DTM Date/Time Reference

Pos: 400	Max: >1
Detail - Optional	
Loop: REF	Elements: 2

**User Option (Usage):** Used

To specify pertinent dates and times

**Syntax:**

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

**Federal Note:***Use multiple repetitions to identify dates related to UIT.***Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
DTM01	374	<b>Date/Time Qualifier</b> <b>Description:</b> Code specifying type of date or time, or both date and time	M	ID	3/3	Must use	1
		<b>Code Name</b>					
	094	Manufacture					
		<b>DLMS Note:</b>					
		1. Use to identify the date of manufacture for the material reported.					
		2. DLMS enhancement; see DLMS supplement note 4a.					
	512	Warranty Expiration					
		<b>DLMS Note:</b>					
		1. Use to identify the warranty expiration date associated with the material reported.					
		2. DLMS enhancement; see DLMS supplement note 4a.					
DTM02	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	C	DT	8/8	Used	1

# N1 Name

Pos: 410	Max: 1
Detail - Optional	
Loop: REF	Elements: 3

**User Option (Usage):** Used

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

**Syntax:**

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

**Comments:**

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

**DLMS Note:***Use to identify the manufacturer of the UIT item.***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	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>Code Name</b>	M	ID	2/3	Must use	1
N103	66	MF Manufacturer of Goods <b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67) <b>Code Name</b>	C	ID	1/2	Used	1
N104	67	33 Commercial and Government Entity (CAGE) <b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used	1

# LE Loop Trailer

Pos: 440	Max: 1
Detail - Mandatory	
Loop: LS	Elements: 1

**User Option (Usage):** Used

To indicate that the loop immediately preceding this segment is complete

## Semantics:

- One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

## Comments:

- See Figures Appendix for an explanation of the use of the LE and LS segments.

## Federal Note:

*Use in each 2/QTY/320 loop to terminate any 2/REF/390 loop iteration.*

## 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>
LE01	447	<b>Loop Identifier Code</b> <b>Description:</b> The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE <b>Federal Note:</b> <i>Repeat the content of 2/LS/380.</i>	M	AN	1/6	Must use	1

# N1 Name

Pos: 450	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

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

**Syntax:**

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are 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:**

Must use this 2/N1/450 loop to identify the organization to receive the transaction. Use multiple iterations of the 2/N1/450 loop to identify all transaction recipients.

**DLMS Note:**

Use to identify the storage location

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>Federal Note:</b> <i>Following is a list of preferred codes.</i> <b>DLMS Note:</b> <i>1. Use only one of codes SB or Z4.</i> <i>2. For DLMS use, only the following codes are authorized.</i>	M	ID	2/3	Must use	1
		<b>Code Name</b> LG Location of Goods <b>DLMS Note:</b> <i>Use for asset status reports to identify the asset storage organization when different from the organization originating the transaction set.</i>					
		PK Party to Receive Copy					
		SB Storage Area <b>DLMS Note:</b> <i>Use to indicate a depot or storage activity.</i>					
		Z4 Owing Inventory Control Point <b>DLMS Note:</b> <i>Use to indicate the owning inventory control point.</i>					
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67) <b>Code Name</b>	C	ID	1/2	Used	1
		1 D-U-N-S Number, Dun & Bradstreet <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 4a.</i>					
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 4a.</i>					
		10 Department of Defense Activity Address Code (DODAAC) <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 4a.</i>					
		M4 Department of Defense Routing Identifier Code (RIC) <b>DLMS Note:</b> <i>1. Future Streamlined data; see DLMS supplement note 4c.</i> <i>2. 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.</i>					

<u>Code</u>	<u>Name</u>						
N104	67	<b>Identification Code</b>	C	AN	2/80	Used	1
		<b>Description:</b> Code identifying a party or other code					
N106	98	<b>Entity Identifier Code</b>	O	ID	2/3	Used	1
		<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual					
		<b>Code Name</b>					
		TO Message To					
		<b>Federal Note:</b>					
		<i>Must use with 2/N101/450 codes SB or Z4 to indicate the organization cited in N104 is to receive the transaction.</i>					

# SE Transaction Set Trailer

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

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

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	<b>Number of Included Segments</b> <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use	1
SE02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <b>Federal Note:</b> <i>Cite the same number as the one cited in ST02.</i>	M	AN	4/9	Must use	1

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