

# 846 Inventory Inquiry/Advice

## Functional Group=|B

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. Distribution depots and storage activities use this transaction set to transmit location reconciliation transactions to owners and managers.
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. Distribution depots and storage activities use a single occurrence of this transaction set to transmit either location reconciliation request, location reconciliation notification, or location reconciliation history notification transactions to one owner/manager.
2. DLSS functionality allows for Service and Agency data in various RP(s). Data Conveyed therein will require Service or Agency identification to DLMSO and incorporation into the DLMS.
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.
5. This DLMS Supplement incorporates the Proposed DLMS Change and Approved DLMS Change (ADC) listed. PDC/ADCs are available from the DLMSO website: <http://www.dla.mil/j-6/dlms>
  - PDC 120, Revision to DLMS Supplement (DS) 846R Location Reconciliation Request to Support Commodity-Unique (Mapping Product) Data and to Support MILSTRAP DZN/DZP functionality
  - PDC 120A, Revision to DLMS Supplement (DS) 846R Location Reconciliation Request to Support Commodity-Unique (Mapping Product) Data and to Support MILSTRAP DZN/DZP functionality
  - ADC 45, Use of Both Ownership Code and Purpose Code in DLMS for Ammunition
  - ADC 77, Air Force Unique Management Coding for Materiel Management Aggregation Code (MMAC)

### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BIA	Beginning Segment for Inventory	M	1			Must use

<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>
		Inquiry/Advice					
* 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			Not Used
* 100	N3	Address Information	O	2			Not Used
* 110	N4	Geographic Location	O	1			Not Used
* 120	REF	Reference Identification	O	12			Not Used
* 130	PER	Administrative Communications Contact	O	3			Not Used
<b>LOOP ID - LM</b>					<b>10</b>		
140	LM	Code Source Information	O	1			Used
150	LQ	Industry Code	M	100			Must use

**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			Not Used
* 040	MEA	Measurements	O	40			Not Used
* 050	PKG	Marking, Packaging, Loading	O	25			Not Used
100	DTM	Date/Time Reference	O	10			Used
* 110	CTP	Pricing Information	O	25			Not Used
* 120	CUR	Currency	O	1			Not Used
* 130	SAC	Service, Promotion, Allowance, or Charge Information	O	25			Not Used
140	REF	Reference Identification	O	>1			Used
* 150	PER	Administrative Communications Contact	O	3			Not Used
* 220	SDQ	Destination Quantity	O	500			Not Used
* 230	MAN	Marks and Numbers	O	1			Not Used
* 235	UIT	Unit Detail	O	5			Not Used
* 240	CS	Contract Summary	O	1			Not Used
* 250	DD	Demand Detail	O	>1			Not Used
* 255	G53	Maintenance Type	O	1			Not Used
* 256	PCT	Percent Amounts	O	>1			Not Used
* 257	LDT	Lead Time	O	12			Not Used
<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			Not Used
290	PID	Product/Item Description	O	200			Used
300	MEA	Measurements	O	40			Used
310	PKG	Marking, Packaging, Loading	O	25			Used
<b>LOOP ID - MAN</b>					<b>100</b>		
312	MAN	Marks and Numbers	O	1			Used
314	MEA	Measurements	O	40			Used
<b>LOOP ID - QTY</b>					<b>99</b>		
320	QTY	Quantity	O	1			Used
* 330	UIT	Unit Detail	O	12			Not Used
* 340	MEA	Measurements	O	25			Not Used
* 350	LDT	Lead Time	O	12			Not Used
* 355	DTM	Date/Time Reference	O	10			Not Used
<b>* LOOP ID - SCH</b>					<b>25</b>		
* 360	SCH	Line Item Schedule	O	1			Not Used
370	MEA	Measurements	O	25			Used
<b>LOOP ID - LM</b>					<b>≥1</b>		
375	LM	Code Source Information	O	1			Used
376	LQ	Industry Code	M	100			Must use

<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 - LS</b>					<b>1</b>		
* 380	LS	Loop Header	O	1			Not Used
<b>* LOOP ID - REF</b>					<b>&gt;1</b>	<b>N2/390L</b>	
* 390	REF	Reference Identification	O	1		N2/390	Not 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			Used
430	LQ	Industry Code	M	100			Must use
* 440	LE	Loop Trailer	M	1			Not Used
<b>* LOOP ID - N1</b>					<b>200</b>		
* 450	N1	Name	O	1			Not Used
460	N2	Additional Name Information	O	2			Used
470	N3	Address Information	O	2			Used
480	N4	Geographic Location	O	1			Used
490	REF	Reference Identification	O	12			Used
500	PER	Administrative Communications Contact	O	3			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>
* 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:

1. 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).
2. 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: 6

**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.
4. BIA03 identifies the number of the inquiry/advice that is transferred.
5. BIA04 identifies the date of the inquiry/advice that is transferred.
6. BIA05 identifies the time of the inquiry/advice that is transferred.

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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> LC Location Inventory Report <b>DLMS Note:</b> <i>Use to identify location reconciliation request transactions (MILSTRAP DI Code DZH).</i> X4 Summary Report <b>DLMS Note:</b> <i>Use to identify Location Reconciliation Notification transaction. Storage activity sends to owner/manager to advise of the number of Location Reconciliation Request transactions being forwarded (MILSTRAP DI Code DZN).</i> ZZ Mutually Defined <b>DLMS Note:</b> <i>Use to identify Location Reconciliation History Notification transaction. Storage activity sends to owner/manager to advise of the number of transaction history transactions being forwarded (MILSTRAP DI Code DZP). An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.</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>This date is the date of the transaction set preparation and corresponds to the Universal Time Coordinate (UTC).</i> <b>DLMS Note:</b> <i>DLMS enhancement; see introductory DLMS 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	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>
		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> 1. Express the originating activity's time of transaction set preparation in UTC. 2. Express time in a four-position (HHMM) format. <b>DLMS Note:</b> DLMS enhancement; see introductory DLMS note 4a.					
BIA06	306	<b>Action Code</b> <b>Description:</b> Code indicating type of action <b>Federal Note:</b> Use any code. <b>DLMS Note:</b> 1. Use to identify the type of location reconciliation. 2. For DLMS, only the following codes are authorized.	O	ID	1/2	Used	1

**Code Name**

Z	Mutually Defined <b>DLMS Note:</b> 1. Use to identify that the transaction identified in BIA02 is associated with end-of-day processing. 2. An ANSI data maintenance action taken to obtain a more appropriate code for use in a future version.
24	On-Hold <b>DLMS Note:</b> 1. Use to identify that the transaction identified in BIA02 is associated with annual location reconciliation. 2. An ANSI data maintenance action taken to obtain a more appropriate code for use in a future version.

# 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 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.
3. 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.
4. 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 and receiving 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> Use any code. <b>DLMS Note:</b> 1. Use only one of codes KA or OW. 2. For DLMS use, only the following codes are authorized. <b>Code Name</b> KA Item Manager <b>DLMS Note:</b> Use to identify the Integrated Material Manager (IMM) for the material reported. OW Owner of Property or Unit <b>DLMS Note:</b> Use to identify the owner of the material reported. SB Storage Area <b>DLMS Note:</b> Must use to identify the depot or storage activity.	M	ID	2/3	Must use	1
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> 1 D-U-N-S Number, Dun & Bradstreet <b>DLMS Note:</b> DLMS enhancement; see introductory DLMS note 4a. 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix <b>DLMS Note:</b> DLMS enhancement; see introductory DLMS note 4a. 10 Department of Defense Activity Address Code (DODAAC) <b>DLMS Note:</b> DLMS enhancement; see introductory DLMS note 4a. M4 Department of Defense Routing Identifier Code (RIC) <b>DLMS Note:</b> 1. Future Streamlined data; see introductory DLMS note 4c. 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.	X	ID	1/2	Used	1
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other	X	AN	2/80	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>
N106	98	code <b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual	O	ID	2/3	Used	1

**Code Name**

FR Message From

**Federal Note:**

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

TO Message To

**Federal Note:**

*Must use with the 1/N101/080 codes KA or OW to indicate the organization cited in 1/N104/080 is receiving the transaction set.*

# LM Code Source Information

Pos: 140	Max: 1
Heading - Optional	
Loop: LM	Elements: 1

**User Option (Usage):** Used

To transmit standard code list identification information

**Comments:**

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

**Federal Note:**

*Must use this 1/LM/140 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> <b>Description:</b> Code identifying the agency assigning the code values	M	ID	2/2	Must use	1
		<b>Code Name</b> DF Department of Defense (DoD)					

# LQ Industry Code

Pos: 150	Max: 100
Heading - Mandatory	
Loop: LM	Elements: 2

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

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	<b>Code List Qualifier Code</b> <b>Description:</b> Code identifying a specific industry code list <b>Federal Note:</b> <i>Use any code.</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 introductory DLMS 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>					
LQ02	1271	<b>Industry Code</b> <b>Description:</b> Code indicating a code from a specific industry code list	X	AN	1/30	Used	1

# LIN Item Identification

<b>Pos:</b> 010	<b>Max:</b> 1
<b>Detail - Mandatory</b>	
<b>Loop:</b> LIN	<b>Elements:</b> 5

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

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
2. 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.
3. See the Data Dictionary for a complete list of IDs.
4. 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 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>
LIN01	350	<b>Assigned Identification</b> <b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set <b>Federal Note:</b> Use to identify the count of location reconciliation transactions. In the first 2/LIN/010 loop iteration cite the numeric 1. In each subsequent loop iteration increase incrementally by one.	O	AN	1/20	Used	1
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>Federal Note:</b> Use any code. <b>DLMS Note:</b> 1. Use only one of A1, A2, A4, FB, FS, MG, or YP to identify the item reported. Must use National Stock Number (NSN) when known. 2. For DLMS use, only the following codes are authorized.	M	ID	2/2	Must use	1
		<b>Code Name</b>					
		A1 Plant Equipment Number <b>DLMS Note:</b> Use to identify plant equipment.					
		A2 Department of Defense Identification Code (DoDIC) <b>DLMS Note:</b> Use to identify ammunition items.					

<u>Code</u>	<u>Name</u>
A4	Subsistence Identification Number <b>DLMS Note:</b> <i>Use to identify subsistence items.</i>
F4	Series Identifier <b>DLMS Note:</b> <i>Use to identify the manufacturer's series number of the end item.</i>
FB	Form Number <b>DLMS Note:</b> <i>Use to identify the form stock number.</i>
FS	National Stock Number <b>Federal Note:</b> <i>Must use NSN when known.</i>
MG	Manufacturer's Part Number <b>DLMS Note:</b> <i>Use to identify nonstandard material.</i>
MN	Model Number <b>DLMS Note:</b> <i>Use to identify the manufacturer's model number of the end item.</i>
SN	Serial Number <b>DLMS Note:</b> <i>Use to identify the manufacturer's serial number of the end item.</i>
YP	Publication Number <b>DLMS Note:</b> <i>Use to identify the publication stock number. DLMS enhancement, see DLMS introductory note 4a.</i>
ZZ	Mutually Defined <b>DLMS Note:</b> <i>Use with transactions reporting the number of location reconciliation notification transactions to comply with ANSI syntax requirements.</i>

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

<u>Code</u>	<u>Name</u>
ZB	Commercial and Government Entity (CAGE) Code <b>DLMS Note:</b> <i>Use with LIN02 code MG to uniquely identify a manufacturer's part number.</i>

LIN05	234	<b>Product/Service ID</b>	X	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 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:***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 to identify the expiration date associated with the reported material.</i>					
	152	Effective Date of Change <b>DLMS Note:</b> <i>Use in DLA DDMA location reconciliation requests to identify the cyclical map product effective date. Each DLA DDMA location reconciliation request should include either an edition date (used in conjunction with 2/REF01/040 edition number) or a map effective date, but not both.</i>					
	171	Revision <b>DLMS Note:</b> <i>Use in DLA DDMA location reconciliation requests to identify the map edition date. Each DLA DDMA location reconciliation request should include either an edition date (used in conjunction with 2/REF01/140 edition number) or a product effective date, but not both.</i>					
	510	Date Packed <b>DLMS Note:</b> <i>For subsistence items, use to identify the date packed associated with the reported material.</i>					
	600	As Of <b>DLMS Note:</b> <i>Must use to identify the close of business date (e.g., mutually agreed upon cutoff date) associated with the location reconciliation.</i>					
DTM02	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD <b>DLMS Note:</b> <i>DLMS enhancement; see introductory DLMS note 4a.</i>	X	DT	8/8	Must use	1

# REF Reference Identification

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

**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.
2. 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>Use any code.</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>					
		6G Map Number <b>DLMS Note:</b> <i>Use in DLA map location reconciliation requests to identify the map edition number. Component unique enhancement.</i>					
		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 <b>DLMS Note:</b> <i>DLMS users enter the lot/segment number of the segment transactions being reconciled; otherwise, leave blank.</i>	X	AN	1/30	Used	1

# 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:**

1. LM02 identifies the applicable industry code list source information.
2. 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 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	<b>Code List Qualifier Code</b> <b>Description:</b> Code identifying a specific industry code list <b>Federal Note:</b> <i>Use any code.</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>					
	A9	Supplemental Data <b>DLMS Note:</b> <ol style="list-style-type: none"><li>1. <i>Use to identify supplemental address/data.</i></li><li>2. <i>Future streamlined data; see introductory DLMS note 4c.</i></li></ol>					
	AJ	Utilization Code <b>DLMS Note:</b> <ol style="list-style-type: none"><li>1. <i>Under DLSS, this is the first position of the document serial number.</i></li><li>2. <i>DLMS enhancement; see introductory DLMS note 4a.</i></li></ol>					
	AL	Special Requirements Code <b>Federal Note:</b> <i>Use to identify the precedence, special handling, and processing requirements.</i> <b>DLMS Note:</b> <ol style="list-style-type: none"><li>1. <i>Under DLSS, this is carried in the required delivery date field.</i></li><li>2. <i>DLMS enhancement; see introductory DLMS note 4a.</i></li></ol>					
	EQ	Controlled Inventory Item Code <b>DLMS Note:</b> <i>Use to identify the controlled inventory item code associated with the reported material.</i>					
	FE	Shelf Life Code <b>DLMS Note:</b> <i>Use to identify the shelf-life code associated with the reported material.</i>					
	FH	Type of Location Reconciliation Request <b>DLMS Note:</b> <i>Data to be removed from transaction in future version. The type of location reconciliation (annual or end-of-day) should be conveyed by 1/BIA06/020.</i>					
LQ02	1271	<b>Industry Code</b> <b>Description:</b> Code indicating a code from a specific industry code list	X	AN	1/30	Must use	1

# QTY Quantity

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

**User Option (Usage):** Used

To specify quantity information

**Syntax Rules:**

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

**Semantics:**

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

**Federal Note:**

Use multiple iterations of the 2/QTY/320 loop to stratify the on hand quantity by material classification.

**DLMS Note:**

DLMS enhancement; see introductory DLMS note 4a.

**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>
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> Use to identify custodial record balance.					
		46 Total transactions					
		<b>DLMS Note:</b> Must use with location reconciliation notification transactions (1/BIA01/020 codes X4 and ZZ) to indicate the number of history or location reconciliation request transactions submitted.					
QTY02	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	X	R	1/15	Used	1
		<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 understood by recipient's automated processing system. See introductory DLMS note 4d.					
QTY03	C001	<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	M	ID	2/2	Must use	1
		<b>DLMS Note:</b> DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.					
		<b>All valid standard codes are used.</b>					

# 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:**

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

**Federal Note:***Use this 2/LM/375 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> <b>Description:</b> Code identifying the agency assigning the code values	M	ID	2/2	Must use	1
		<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 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	<b>Code List Qualifier Code</b> <b>Description:</b> Code identifying a specific industry code list <b>Federal Note:</b> <i>Use any code.</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. (Use of both codes for ammunition is a DLMS enhancement (see introductory DLMS note 4a). 2. For DLMS use, only the following codes are authorized</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>Use only for subsistence items to identify subsistence type of pack information.</i>					
		99 Purpose Code <b>DLMS Note:</b> <i>Use when assets are segregated physically or on storage activity records by purpose code.</i>					
		A1 Ownership Code <b>Federal Note:</b> <i>Use when assets are segregated physically or on storage activity records by ownership code.</i>					
		A9 Supplemental Data <b>DLMS Note:</b> <i>1. Use to identify supplemental address/data. 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. 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. 2. DLMS enhancement; see introductory DLMS note 4a.</i>					
		GQ Group Qualifier Code <b>DLMS Note:</b> <i>Use to identify the Materiel Management Aggregation Code (MMAC) for NSNs to be managed by a specific manager (i.e., system, program, aggregation, selected FSC, technology group). This is an Air Force-unique data element, meaningful to the Air Force only. Non-Air Force Components perpetuate without action.  A data maintenance action was approved in version 5010. The approved code/name is "MAC – Materiel Management Aggregation Code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.</i>					
		COG Cognizance Symbol <b>DLMS Note:</b>					

<b>Code</b>	<b>Name</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. 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>
MCC	Material Control Code <b>DLMS Note:</b> <i>Use to identify the Material Control Code (MCC) for special inventory reporting. 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>
SMI	Special Material Identification Code <b>DLMS Note:</b> <i>Use to identify the Special Material Identification Code (SMIC) for an 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>

LQ02	1271	<b>Industry Code</b>	X	AN	1/30	Used	1
		<b>Description:</b> Code indicating a code from a specific industry code list					

# 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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