

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. Organizations use this transaction set to advise storage organizations of freeze or unfreeze actions on conventional ammunition.
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. The Single Manager for Conventional Ammunition (SMCA) uses this transaction set to advise storage organizations of freeze or unfreeze actions on conventional ammunition.
2. Use a single occurrence of this transaction set to exchange transactions between the SMCA and a single or multiple storage 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
LOOP ID - N1					5		
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			

<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>
* 130	PER	Administrative Communications Contact	O	3			

<u>LOOP ID - LM</u>						<u>10</u>	
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>
<u>LOOP ID - LIN</u>						<u>10000</u>	
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			
* 255	G53	Maintenance Type	O	1			
* 256	PCT	Percent Amounts	O	>1			
* 257	LDT	Lead Time	O	12			

<u>LOOP ID - LM</u>						<u>10</u>	
260	LM	Code Source Information	O	1			Used
270	LQ	Industry Code	M	100			Must use

<u>* LOOP ID - SLN</u>						<u>1000</u>	
* 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			

<u>* LOOP ID - MAN</u>						<u>100</u>	
* 312	MAN	Marks and Numbers	O	1			
* 314	MEA	Measurements	O	40			

<u>LOOP ID - QTY</u>						<u>99</u>	
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			

<u>* LOOP ID - SCH</u>						<u>25</u>	
* 360	SCH	Line Item Schedule	O	1			
* 370	MEA	Measurements	O	25			

<u>LOOP ID - LM</u>						<u>≥1</u>	
375	LM	Code Source Information	O	1			Used
376	LQ	Industry Code	M	100			Must use

<u>LOOP ID - LS</u>						<u>1</u>	
380	LS	Loop Header	O	1			Used

<u>LOOP ID - REF</u>						<u>≥1</u>	<u>N2/390L</u>
390	REF	Reference Identification	O	1		N2/390	Used
400	DTM	Date/Time Reference	O	>1			Used
410	N1	Name	O	1			Used

<u>* LOOP ID - LM</u>						<u>10</u>	
* 420	LM	Code Source Information	O	1			
* 430	LQ	Industry Code	M	100			
440	LE	Loop Trailer	M	1			Used

<u>LOOP ID - N1</u>						<u>200</u>	
450	N1	Name	O	1			Used
* 460	N2	Additional Name 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>
* 470	N3	Address Information	O	2			
* 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	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set Code Name 846 Inventory Inquiry/Advice	M	ID	3/3	Must use	1
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	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	Transaction Set Purpose Code Description: Code identifying purpose of transaction set Code Name 00 Original 77 Simulation Exercise DLMS Note: <i>Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.</i>	M	ID	2/2	Must use	1
BIA02	755	Report Type Code Description: Code indicating the title or contents of a document, report or supporting item Code Name ZB Conventional Ammunition Suspension Report DLMS Note: <i>Use to identify a conventional ammunition freeze/unfreeze transaction.</i>	M	ID	2/2	Must use	1
BIA03	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Federal Note: <i>Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>	M	AN	1/30	Must use	1
BIA04	373	Date Description: Date expressed as CCYYMMDD Federal Note: <i>This is the date of transaction set preparation. This date corresponds to the Universal Time Coordinate (UTC).</i> DLMS Note: <i>DLMS enhancement; see DLMS supplement note 4a.</i>	M	DT	8/8	Must use	1
BIA05	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: <i>1. Express the originating activity's time of transaction set preparation in UTC. 2. Express time in a four-position (HHMM) format.</i> DLMS Note: <i>DLMS enhancement; see DLMS supplement note 4a.</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>
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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	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Federal Note: <i>Following is a list of preferred codes.</i> DLMS Note: <i>For DLMS use, only the following code is authorized.</i> Code Name KA Item Manager DLMS Note: 1. <i>Must use to identify the SMCA.</i> 2. <i>DLMS enhancement; see See DLMS supplement note 4a.</i>	M	ID	2/3	Must use	1
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) Code Name 1 D-U-N-S Number, Dun & Bradstreet DLMS Note: <i>DLMS enhancement; see DLMS supplement note 4a.</i> 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix DLMS Note: <i>DLMS enhancement; see DLMS supplement note 4a.</i> 10 Department of Defense Activity Address Code (DODAAC) DLMS Note: <i>DLMS enhancement; see DLMS supplement note 4a.</i> M4 Department of Defense Routing Identifier Code (RIC) DLMS Note: 1. <i>Future Streamlined data; see DLMS supplement note 4c.</i> 2. <i>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	Identification Code Description: Code identifying a party or other code	C	AN	2/80	Used	1
N106	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Code Name FR Message From Federal Note: <i>Must use to indicate the organization cited in N104 is originating the transaction set.</i>	O	ID	2/3	Used	1

Code Name

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:

- 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	Agency Qualifier Code Description: Code identifying the agency assigning the code values Code Name DF Department of Defense (DoD)	M	ID	2/2	Must use	1

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:

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	Code List Qualifier Code Description: Code identifying a specific industry code list Federal Note: <i>Following is a list of preferred codes.</i> DLMS Note: <i>For DLMS use, only the following codes are authorized.</i>	O	ID	1/3	Used	1
		Code Name					
		0 Document Identification Code DLMS Note: 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 DLMS Note: <i>Note: 1. Use to identify supplemental address/data.</i> 2. <i>Future streamlined data; see introductory DLMS note 4c.</i>					
		AJ Utilization Code DLMS Note: 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 Federal Note: <i>Use to identify the precedence, special handling, and processing requirements.</i> DLMS Note: 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	Industry Code Description: Code indicating a code from a specific industry code list	C	AN	1/30	Used	1

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 the freeze/unfreeze action.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN02	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) DLMS Note: Use only one of codes A2, FS or MG to identify the ammunition item.	M	ID	2/2	Must use	1
		Code Name					
		A2 Department of Defense Identification Code (DoDIC) DLMS Note: Use to identify ammunition items.					
		F4 Series Identifier DLMS Note: Use to identify the manufacturer's series number of the end item.					
		FS National Stock Number DLMS Note: Use if no DoDIC assigned to the item.					
		MG Manufacturer's Part Number DLMS Note: Use to identify the ammunition manufacturer's part number when no DoDIC is assigned.					
		MN Model Number DLMS Note: Use to identify the manufacturer's model number of the end item.					
		SN Serial Number DLMS Note: Use to identify the manufacturer's serial number of the end item.					
LIN03	234	Product/Service ID Description: Identifying number for a product or service	M	AN	1/48	Must use	1
LIN04	235	Product/Service ID Qualifier	C	ID	2/2	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>
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name ZB Commercial and Government Entity (CAGE) Code DLMS Note: <i>Use with LIN02 code MG to uniquely identify the ammunition manufacturer's part number.</i>					
LIN05	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/48	Used	1

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	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	M	ID	3/3	Must use	1
		Code Name					
	168	Release					
		DLMS Note:					
		1. Use to identify the effective date ammunition is released from suspension.					
		2. DLMS enhancement; see DLMS supplement note 4a.					
	600	As Of					
		DLMS Note:					
		1. Use to identify the effective date ammunition is to be suspended from use or issue.					
		2. DLMS enhancement; see DLMS supplement note 4a.					
DTM02	373	Date Description: 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	Reference Identification Qualifier Description: Code qualifying the Reference Identification Federal Note: <i>Following is a list of preferred codes.</i> DLMS Note: <i>For DLMS use, only the following code is authorized.</i> Code Name TN Transaction Reference Number DLMS Note: <i>Must use to identify the transaction number assigned to the transaction.</i>	M	ID	2/3	Must use	1
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	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:

- LM02 identifies the applicable industry code list source information.

Federal Note:

Use this 2/LM/260 loop to identify coded information in department or agency documentation.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1
		Description: Code identifying the agency assigning the code values					
		Code Name					
		DF Department of Defense (DoD)					

LQ Industry Code

Pos: 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	Code List Qualifier Code Description: Code identifying a specific industry code list Federal Note: <i>Following is a list of preferred codes.</i> DLMS Note: <i>For DLMS use, only the following codes are authorized.</i>	O	ID	1/3	Used	1
		Code Name					
		84 Management Code DLMS Note: <i>Use to identify supplemental management information associated with the freeze/unfreeze action.</i>					
		A9 Supplemental Data DLMS Note: <i>1. Use to identify supplemental address/data.</i> <i>2. Future streamlined data; see introductory DLMS note 4c.</i>					
		AJ Utilization Code DLMS Note: <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 Federal Note: <i>Use to identify the precedence, special handling, and processing requirements.</i> DLMS Note: <i>1. Under DLSS, this is carried in the required delivery date field.</i> <i>2. DLMS enhancement; see introductory DLMS note 4a.</i>					
LQ02	1271	Industry Code Description: Code indicating a code from a specific industry code list	C	AN	1/30	Used	1

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:

1. Use the 2/REF/390 loop as needed to identify Unique Item Tracking (UIT) information related to inventory quantities.
2. Use multiple iterations of the 2/QTY/320 loop to stratify quantity by material classification.

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	Quantity Qualifier Description: Code specifying the type of quantity Code Name 01 Discrete Quantity DLMS Note: Use to identify the quantity suspended or released from suspension.	M	ID	2/2	Must use	1
QTY02	380	Quantity Description: Numeric value of quantity Federal Note: Express as a whole number with no decimals. DLMS Note: A field size exceeding 5 positions (seven for FSG 13, ammunition) may not be received or understood by recipient's automated processing system. See DLMS supplement note 4d.	C	R	1/15	Used	1
QTY03	C001	Composite Unit of Measure Description: To identify a composite unit of measure(See Figures Appendix for examples of use)	O	Comp		Used	1
	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 DLMS Note: DLMS users see the Unit of Issue and Purchase Unit Conversion Table for applicable codes. All valid standard codes are used.	M	ID	2/2	Must use	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 to identify coded information maintained in department or agency documentation.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1
		Description: Code identifying the agency assigning the code values					
		Code Name					
		DF Department of Defense (DoD)					

LQ Industry Code

Pos: 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	Code List Qualifier Code Description: Code identifying a specific industry code list Federal Note: <i>Following is a list of preferred codes.</i> DLMS Note: <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
		Code Name					
	83	Supply Condition Code DLMS Note: <i>Use to identify supply condition of the material.</i>					
	99	Purpose Code DLMS Note: <i>Use to identify the purpose of the material.</i>					
	A1	Ownership Code DLMS Note: <i>Use to identify ownership of the material.</i>					
	A9	Supplemental Data DLMS Note: <i>1. Use to identify supplemental address/data.</i> <i>2. Future streamlined data; see introductory DLMS note 4c.</i>					
	AJ	Utilization Code DLMS Note: <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 Federal Note: <i>Use to identify the precedence, special handling, and processing requirements.</i> DLMS Note: <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 DLMS Note: <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 DLMS Note: <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					

Code Name**DLMS Note:**

Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

SMI Special Material Identification Code

DLMS Note:

Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

LQ02	1271	Industry Code	C	AN	1/30	Used	1
		Description: 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 as needed 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	Loop Identifier Code Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE Federal Note: <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.

Federal Note:

Use the 2/REF/390 loop to provide unique item tracking (UIT) information when inventories are segregated in this manner.

Element Summary:

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	M	ID	3/3	Must use	1
		Code Name					
	094	Manufacture DLMS Note: 1. Use to identify the date of manufacture of the material identified. 2. DLMS enhancement; see DLMS supplement note 4a.					
	511	Shelf Life Expiration DLMS Note: 1. Use to identify the shelf life expiration date. 2. DLMS enhancement; see DLMS supplement note 4a.					
DTM02	373	Date Description: 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	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Code Name	M	ID	2/3	Must use	1
N103	66	MF Manufacturer of Goods Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) Code Name	C	ID	1/2	Used	1
N104	67	33 Commercial and Government Entity (CAGE) Identification Code Description: 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 iterations.

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	Loop Identifier Code Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE Federal Note: Repeat the content of 2/LS/380.	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.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Federal Note: <i>Following is a list of preferred codes.</i> DLMS Note: <i>For DLMS use, only the following code is authorized.</i> Code Name SB Storage Area DLMS Note: <i>Must use to indicate the storage organization.</i>	M	ID	2/3	Must use	1
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) Code Name 1 D-U-N-S Number, Dun & Bradstreet DLMS Note: <i>DLMS enhancement; see DLMS supplement note 4a.</i> 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix DLMS Note: <i>DLMS enhancement; see DLMS supplement note 4a.</i> 10 Department of Defense Activity Address Code (DODAAC) DLMS Note: <i>DLMS enhancement; see DLMS supplement note 4a.</i> M4 Department of Defense Routing Identifier Code (RIC) DLMS Note: <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	Identification Code Description: Code identifying a party or other code	C	AN	2/80	Used	1
N106	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Code Name TO Message To Federal Note: <i>Must use to indicate that the organization cited in N104 is receiving the transaction.</i>	O	ID	2/3	Used	1

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	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use	1
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	Must use	1

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