

# 846 Inventory Inquiry/Advice

## Functional Group=IB

**Purpose:** 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.

### Federal Note:

1. Organizations use this transaction set to provide supply planning information to Vendors as an Inquiry transaction. Vendors use this transaction set to provide advice in response to inquiries.
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. DOD managers use this transaction set to provide Supply Plan information to Vendors as a Supply Planning Inquiry transaction to determine if the vendor is able to supply the desired items, in the desired quantities and in the required timeframes. Vendors use this transaction set to provide Supply Planning Advice information on their ability to supply the requested item in accordance with the requirements and in terms of the desired quantities and in the required timeframes.
  2. Use a single occurrence of this transaction set to exchange information between a single DoD manager and a single Vendor. Use one occurrence of this transaction set to transmit a single or multiple items.
  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 is for an enhanced capability not available in DLSS. Initially this transaction was designed for use by the Defense Logistics Agency (DLA) Business System Modernization (BSM) in their supplier collaboration process interface with vendors. Other Components may want to consider its use for their modernized systems.
  5. This revision to the DLMS Supplement incorporates Proposed DLMS Change (PDC) and Approved DLMS Change (ADC) listed. PDCs/ADCs are available from the DLMSO web site <http://www.dla.mil/j-6/dlms/Changes>.
- ADC 166, New Federal Implementation Convention and DLMS Supplement 846V (Version 4030) to Accommodate Electronic Data Interchange of Supply Planning Inquiry/Advice information Between DoD and its vendors (Supply/DLMS)

### 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>
0100	ST	Transaction Set Header	M	1			Must use
0200	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1			Must use
* 0400	CUR	Currency	O	1			Not Used
* 0500	DTM	Date/Time Reference	O	10			Not Used
* 0600	REF	Reference Identification	O	12			Not Used
* 0700	PER	Administrative Communications Contact	O	3			Not Used
* 0750	MEA	Measurements	O	20			Not Used
<b>LOOP ID - N1</b>					<b>5</b>		
0800	N1	Name	O	1			Used
* 0900	N2	Additional Name Information	O	2			Not Used
* 1000	N3	Address Information	O	2			Not Used
* 1100	N4	Geographic Location	O	1			Not Used
* 1200	REF	Reference Identification	O	12			Not Used
* 1300	PER	Administrative Communications Contact	O	3			Not Used
<b>* LOOP ID - LM</b>					<b>10</b>		

<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>
1400	LM	Code Source Information	O	1			Used
1500	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>		
0100	LIN	Item Identification	M	1			Must use
0300	PID	Product/Item Description	O	200			Used
* 0400	MEA	Measurements	O	40			Not Used
* 0500	PKG	Marking, Packaging, Loading	O	25			Not Used
* 1000	DTM	Date/Time Reference	O	10			Not Used
* 1100	CTP	Pricing Information	O	25			Not Used
* 1200	CUR	Currency	O	1			Not Used
* 1300	SAC	Service, Promotion, Allowance, or Charge Information	O	25			Not Used
1400	REF	Reference Identification	O	>1			Used
* 1500	PER	Administrative Communications Contact	O	3			Not Used
* 2200	SDQ	Destination Quantity	O	500			Not Used
* 2300	MAN	Marks and Numbers	O	1			Not Used
* 2350	UIT	Unit Detail	O	5			Not Used
* 2400	CS	Contract Summary	O	1			Not Used
* 2500	DD	Demand Detail	O	>1			Not Used
* 2550	G53	Maintenance Type	O	1			Not Used
* 2560	PCT	Percent Amounts	O	>1			Not Used
* 2570	LDT	Lead Time	O	12			Not Used
<b>LOOP ID - LM</b>					<b>10</b>		
2600	LM	Code Source Information	O	1			Used
2700	LQ	Industry Code	M	100			Must use
<b>* LOOP ID - SLN</b>					<b>1000</b>		
* 2800	SLN	Subline Item Detail	O	1			Not Used
* 2900	PID	Product/Item Description	O	200			Not Used
* 3000	MEA	Measurements	O	40			Not Used
* 3100	PKG	Marking, Packaging, Loading	O	25			Not Used
<b>LOOP ID - MAN</b>					<b>100</b>		
* 3120	MAN	Marks and Numbers	O	1			Not Used
* 3140	MEA	Measurements	O	40			Not Used
<b>LOOP ID - QTY</b>					<b>99</b>		
3200	QTY	Quantity	O	1			Used
* 3300	UIT	Unit Detail	O	12			Not Used
* 3400	MEA	Measurements	O	25			Not Used
* 3500	LDT	Lead Time	O	12			Not Used
3550	DTM	Date/Time Reference	O	10			Used
<b>* LOOP ID - SCH</b>					<b>25</b>		
* 3600	SCH	Line Item Schedule	O	1			Not Used
* 3700	MEA	Measurements	O	25			Not Used
<b>* LOOP ID - LM</b>					<b>≥1</b>		
* 3750	LM	Code Source Information	O	1			Not Used
* 3760	LQ	Industry Code	M	100			Not Used
<b>* LOOP ID - LS</b>					<b>1</b>		
* 3800	LS	Loop Header	O	1			Not Used
<b>LOOP ID - REF</b>					<b>≥1</b>	<b>N2/3900L</b>	

<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>
* 3900	REF	Reference Identification	O	1		N2/3900	Not Used
* 4000	DTM	Date/Time Reference	O	>1			Not Used
* 4100	N1	Name	O	1			Not Used
<b>LOOP ID - LM</b>					<b>10</b>		
* 4200	LM	Code Source Information	O	1			Not Used
* 4300	LQ	Industry Code	M	100			Not Used
* 4400	LE	Loop Trailer	M	1			Not Used
<b>* LOOP ID - N1</b>					<b>200</b>		
* 4500	N1	Name	O	1			Not Used
* 4600	N2	Additional Name Information	O	2			Not Used
* 4700	N3	Address Information	O	2			Not Used
* 4800	N4	Geographic Location	O	1			Not Used
* 4900	REF	Reference Identification	O	12			Not Used
* 5000	PER	Administrative Communications Contact	O	3			Not Used

**Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
* 0100	CTT	Transaction Totals	O	1		N3/0100	Not Used
0200	SE	Transaction Set Trailer	M	1			Must use

**Notes:**

- 2/3900L The REF loop conveys serial number, lot number, and inventory data.
- 2/3900 The REF loop conveys serial number, lot number, and inventory data.
- 3/0100 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.

# ST Transaction Set Header

<b>Pos: 0100</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 3</b>

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

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

## Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use
		<b>Description:</b> Code uniquely identifying a Transaction Set				
		<b>Code Name</b>				
		846 Inventory Inquiry/Advice				
ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<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>				
ST03	1705	<b>Implementation Convention Reference</b>	O	AN	1/35	Used
		<b>Description:</b> Reference assigned to identify Implementation Convention				
		<b>DLMS Note:</b> <i>Use to indicate this transmission uses the 846V Federal IC and the 846V DLMS Supplement. Enter the DLMS Supplement:004030F846V0VA01</i>				

# BIA Beginning Segment for Inventory Inquiry/Advice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

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

**Purpose:** 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>
BIA01	353	<b>Transaction Set Purpose Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying purpose of transaction set				
		<b>Code Name</b>				
		00		Original		
BIA02	755	<b>Report Type Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code indicating the title or contents of a document, report or supporting item				
		<b>Code Name</b>				
		MM		Manufacturer Inventory Report		
		<b>DLMS Note:</b>				
		<i>Vendors use to provide supply planning inventory advice.</i>				
		PI		Product Availability Inquiry		
		<b>DLMS Note:</b>				
		<i>Managers use to indicate a supply planning inventory inquiry.</i>				
BIA03	127	<b>Reference Identification</b>	M	AN	1/50	Must use
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		<b>Federal Note:</b> Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.				
BIA04	373	<b>Date</b>	M	DT	8/8	Must use
		<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		<b>Federal Note:</b> This date is the date of transaction set preparation and corresponds to the Universal Time Coordinate (UTC).				
BIA05	337	<b>Time</b>	O	TM	4/8	Used
		<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> 1. Express the originating activity's time of transaction set preparation in UTC.				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		2. Express time in a four-position (HHMM) format.				

# N1 Name

<b>Pos: 0800</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Used**Purpose:** To identify a party by type of organization, name, and code**Syntax Rules:**

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

**Comments:**

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

**Federal Note:**

*Must use 2 iterations of the 1/N1/0800 loop to identify the organizations originating the transaction set and to receive 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>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**Federal Note:** Use any code.

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

**Code Name**

VN Vendor

**DLMS Note:**

Use to indicate the vendor.

Z4 Owing Inventory Control Point

**DLMS Note:**

Use to indicate the DOD manager.

N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
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**Description:** Code designating the system/method of code structure used for Identification Code (67)

**Code Name**

1 D-U-N-S Number, Dun & Bradstreet

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

10 Department of Defense Activity Address Code (DODAAC)

33 Commercial and Government Entity (CAGE)

N104	67	<b>Identification Code</b>	X	AN	2/80	Used
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**Description:** Code identifying a party or other code

N106	98	<b>Entity Identifier Code</b>	O	ID	2/3	Used
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**Description:** Code identifying an organizational entity, a physical location, property or an individual

**Code Name**

FR Message From

**Federal Note:**

Use in conjunction with the appropriate 1/N101/0800 code to indicate the organization cited in N104 is

**Code Name**

*originating the transaction set.*

TO Message To

**DLMS Note:**

*Use in conjunction with the appropriate 1/N101/0800 code to indicate the organization cited in N104 is to receive the transaction set.*

# LIN Item Identification

<b>Pos: 0100</b>	<b>Max: 1</b>
<b>Detail - Mandatory</b>	
<b>Loop: LIN</b>	<b>Elements: 7</b>

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

**Purpose:** To specify basic item identification data

## Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

## Semantics:

1. LIN01 is the line item identification

## Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

## 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>
LIN01	350	Assigned Identification	O	AN	1/20	Used

**Description:** Alphanumeric characters assigned for differentiation within a transaction set

**DLMS Note:** Use to identify the count of DOD manager Supply Planning inquiry request transactions or Vendor Supply Planning advice transactions. In the first 2/LIN/0100 loop iteration cite the numeric 1. In each subsequent loop iteration increase incrementally by one.

LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**DLMS Note:** Must use National Stock Number (NSN) when known. When NSN is used, part number may be cited in LIN05/06.

### Code Name

FS National Stock Number

MG Manufacturer's Part Number

### **DLMS Note:**

Use to identify the manufacturer's part number when an NSN is not known. Cite the Manufacturer's CAGE in LIN04/05.

LIN03	234	Product/Service ID	M	AN	1/48	Must use
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Identifying number for a product or service				
LIN04	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>Code Name</b>				
		MG Manufacturer's Part Number				
		<b>DLMS Note:</b>				
		<i>Use to identify the manufacturer's part number when an NSN is cited in LIN02/03. Cite the Manufacturer's CAGE in LIN06/07.</i>				
		ZB Commercial and Government Entity (CAGE) Code				
		<b>DLMS Note:</b>				
		<i>Use only 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
		<b>Description:</b> Identifying number for a product or service				
LIN06	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>Code Name</b>				
		ZB Commercial and Government Entity (CAGE) Code				
		<b>DLMS Note:</b>				
		<i>Use only with LIN04 code MG to uniquely identify a manufacturer's part number.</i>				
LIN07	234	<b>Product/Service ID</b>	X	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				

# PID Product/Item Description

<b>Pos: 0300</b>	<b>Max: 200</b>
<b>Detail - Optional</b>	
<b>Loop: LIN</b>	<b>Elements: 2</b>

**User Option (Usage):** Used

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

## Syntax Rules:

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

## Semantics:

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

## Comments:

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

## DLMS Note:

*Use this segment to provide the title of a Grant.*

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	<b>Item Description Type</b>	M	ID	1/1	Must use
		<b>Description:</b> Code indicating the format of a description				
		<b>Code Name</b>				
		F Free-form				
PID05	352	<b>Description</b>	X	AN	1/80	Used
		<b>Description:</b> A free-form description to clarify the related data elements and their content				

# REF Reference Identification

Pos: 1400 Max: >1  
 Detail - Optional  
 Loop: LIN Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify identifying information

## Syntax Rules:

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

## Semantics:

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

## DLMS Note:

*Must use to identify the transaction number.*

## 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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
<p><b>Description:</b> Code qualifying the Reference Identification</p> <p><b>Federal Note:</b> <i>Use any code.</i></p> <p><b>DLMS Note:</b> <i>For DLMS use only the following codes are authorized.</i></p> <p><b>Code Name</b></p> <p>PG Product Group</p> <p><b>DLMS Note:</b> <i>Used to provide the DLA Procurement Grouping Code (PGC) to the vendor. Used with 1/BIA02/0200 code PI. The authoritative source for PGC is DLA Handbook 4140.2, Volume II, Part 1.</i></p> <p>TN Transaction Reference Number</p> <p><b>DLMS Note:</b> <i>Use to identify the transaction number.</i></p>						
REF02	127	Reference Identification	X	AN	1/50	Used
<p><b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>						

# LM Code Source Information

<b>Pos: 2600</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: LM</b>	<b>Elements: 1</b>

**User Option (Usage):** Used

**Purpose:** To transmit standard code list identification information

## Comments:

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LM01	559	<b>Agency Qualifier Code</b>	M	ID	2/2	Must use

**Description:** Code identifying the agency assigning the code values

**Code Name**

DF Department of Defense (DoD)

# LQ Industry Code

<b>Pos: 2700</b>	<b>Max: 100</b>
<b>Detail - Mandatory</b>	
<b>Loop: LM</b>	<b>Elements: 2</b>

**User Option (Usage):** Must use**Purpose:** Code to transmit standard industry codes**Syntax Rules:**

1. C0102 - If LQ01 is present, then LQ02 is 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>
LQ01	1270	<b>Code List Qualifier Code</b>	O	ID	1/3	Used

**Description:** Code identifying a specific industry code list

**Code Name**

PL Priority Lookup

**DLMS Note:**

1. Use to indicate the requirement Issue Priority Group (IPG) (1, 2, or 3) for the item when 1/BIA02/0200 = PI.

1 = IPG I (Priority Designator (PD) 01-03)

2 = IPG II (PD 04-08)

3 = IPG III (PD 09-15)

2. A data maintenance action was approved in version 5030. The approved code/name is "IPG - Issue Priority Group".

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

# QTY Quantity

<b>Pos: 3200</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: QTY</b>	<b>Elements: 3</b>

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

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

**Semantics:**

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

**DLMS Note:**

1. This segment is used for both the DoD manager supply planning inventory inquiry (BIA02 code PI) and the vendor supply planning inventory advice (BIA02 code MM).
2. DOD managers use with inventory inquiry transactions. Use multiple iterations of the 2/QTY/3200 loop to identify specific quantity buckets on which information is being requested from a vendor. Up to 24 iterations of this loop may be used in conjunction with the required date identified in the DTM segment in the 2/QTY/3200 loop.
3. Vendors use with inventory advice transactions. Use multiple iterations of the 2/QTY/3200 loop to identify specific quantity buckets in which information on the ability to meet the required quantities on the required dates identified in the DTM segment in the 2/QTY/3200 loop.
4. This transaction allows for a quantity field of up to 15 positions.

**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>
QTY01	673	<b>Quantity Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Code specifying the type of quantity						
<b>Federal Note:</b> Use any code.						
<b>DLMS Note:</b> For DLMS use only the following codes are authorized.						
<b>Code Name</b>						
AT	Actual					
<b>DLMS Note:</b>						
DOD managers use to indicate quantity required in the time period identified in the 2/DTM /3550 segment.						
V2	Available Quantity					
<b>DLMS Note:</b>						
Vendors use when responding to DOD managers to indicate the quantity which is actually available to meet the requested required quantity.						
QTY02	380	<b>Quantity</b>	X	R	1/15	Used
<b>Description:</b> Numeric value of quantity						
<b>Federal Note:</b> Express as a whole number with no decimals.						
QTY03	C001	<b>Composite Unit of Measure</b>	O	Comp		Used
<b>Description:</b> To identify a composite unit of measure(See Figures Appendix for examples of use)						
QTY03-01	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		measurement has been taken				
		<b>Federal Note:</b> <i>Use to identify the unit of issue for the material.</i>				
		<b>DLMS Note:</b> <i>DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i>				
		<b>All valid standard codes are used.</b>				

# DTM Date/Time Reference

Pos: 3550 Max: 10  
 Detail - Optional  
 Loop: QTY Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

## Syntax Rules:

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

## DLMS Note:

*This segment is used in conjunction with the Quantity Segment in the 2/QTY/3200 loop to indicate dates associated with the quantity.*

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>										
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use										
<p><b>Description:</b> Code specifying type of date or time, or both date and time</p> <p><b>Federal Note:</b> Use any code.</p> <p><b>DLMS Note:</b> For DLMS use only the following codes are authorized.</p> <table border="1" style="width: 100%;"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>018</td> <td>Available</td> </tr> <tr> <td colspan="2"> <p><b>DLMS Note:</b></p> <p><i>Vendors use to indicate the date that the quantity identified in 2/QTY/3200 is available. Use with 1/BIA02/0200 code MM.</i></p> </td> </tr> <tr> <td>106</td> <td>Required By</td> </tr> <tr> <td colspan="2"> <p><b>DLMS Note:</b></p> <p><i>Managers use to indicate the date that the quantity identified in 2/QTY/3200 is required. Use with 1/BIA02/0200 code PI.</i></p> </td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	018	Available	<p><b>DLMS Note:</b></p> <p><i>Vendors use to indicate the date that the quantity identified in 2/QTY/3200 is available. Use with 1/BIA02/0200 code MM.</i></p>		106	Required By	<p><b>DLMS Note:</b></p> <p><i>Managers use to indicate the date that the quantity identified in 2/QTY/3200 is required. Use with 1/BIA02/0200 code PI.</i></p>	
<u>Code</u>	<u>Name</u>															
018	Available															
<p><b>DLMS Note:</b></p> <p><i>Vendors use to indicate the date that the quantity identified in 2/QTY/3200 is available. Use with 1/BIA02/0200 code MM.</i></p>																
106	Required By															
<p><b>DLMS Note:</b></p> <p><i>Managers use to indicate the date that the quantity identified in 2/QTY/3200 is required. Use with 1/BIA02/0200 code PI.</i></p>																
DTM02	373	Date	X	DT	8/8	Used										
<p><b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</p>																

# SE Transaction Set Trailer

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

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

**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

## Comments:

- SE is the last segment of each transaction set.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<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>DLMS Note:</b> <i>Cite the same number as the one cited in ST02.</i>				