

**846****Inventory Inquiry/Advice****Functional Group=IB**

This X12 Transaction Set 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:**

- 2/3900L 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.

**Federal Note:**

1. Use this transaction to transmit provisioning request transaction program data (supply support request information) to and from the Service Item Control Center (SICC) and Defense Logistics Information Service (DLIS).
2. This transaction can be used to send supply support request information.
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. This DLMS Supplement provides the DoD standard format for provisioning transaction program data supply support request.
2. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion table which can be found on the Defense Logistics Management Standards Office (DLMSO) web site at URL: <http://www.dla.mil/j-6/dlms>.

**Heading:**

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
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			
0500	DTM	Date/Time Reference	O	10			Used
0600	REF	Reference Information	O	12			Used
* 0700	PER	Administrative Communications Contact	O	3			
* 0750	MEA	Measurements	O	20			
<b>LOOP ID - N1</b>					<b>5</b>		
0800	N1	Party Identification	O	1			Used
* 0900	N2	Additional Name Information	O	2			
* 1000	N3	Party Location	O	2			
* 1100	N4	Geographic Location	O	1			
* 1200	REF	Reference Information	O	12			
* 1300	PER	Administrative Communications Contact	O	3			
<b>LOOP ID - LM</b>					<b>10</b>		
1400	LM	Code Source Information	O	1			Used
1500	LQ	Industry Code Identification	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			
* 0400	MEA	Measurements	O	40			
* 0500	PKG	Marking, Packaging, Loading	O	25			
1000	DTM	Date/Time Reference	O	10			Used
1100	CTP	Pricing Information	O	25			Used
* 1200	CUR	Currency	O	1			
* 1300	SAC	Service, Promotion, Allowance, or Charge Information	O	25			
1400	REF	Reference Information	O	>1			Used
* 1500	PER	Administrative Communications Contact	O	3			
* 2200	SDQ	Destination Quantity	O	500			
* 2300	MAN	Marks and Numbers Information	O	1			
* 2350	UIT	Unit Detail	O	5			
* 2400	CS	Contract Summary	O	1			
2500	DD	Demand Detail	O	>1			Used
* 2550	G53	Maintenance Type	O	1			
* 2560	PCT	Percent Amounts	O	>1			
2570	LDT	Lead Time	O	12			Used
<b>LOOP ID - LM</b>					<b>10</b>		
2600	LM	Code Source Information	O	1			Used
2700	LQ	Industry Code Identification	M	100			Must use
<b>* LOOP ID - SLN</b>					<b>1000</b>		
* 2800	SLN	Subline Item Detail	O	1			
* 2900	PID	Product/Item Description	O	200			
* 3000	MEA	Measurements	O	40			
* 3100	PKG	Marking, Packaging, Loading	O	25			
<b>* LOOP ID - MAN</b>					<b>100</b>		
* 3120	MAN	Marks and Numbers Information	O	1			
* 3140	MEA	Measurements	O	40			
<b>LOOP ID - QTY</b>					<b>99</b>		
3200	QTY	Quantity Information	O	1			Used
* 3300	UIT	Unit Detail	O	12			
* 3400	MEA	Measurements	O	25			
* 3500	LDT	Lead Time	O	12			
* 3550	DTM	Date/Time Reference	O	10			
<b>* LOOP ID - SCH</b>					<b>25</b>		
* 3600	SCH	Line Item Schedule	O	1			
* 3700	MEA	Measurements	O	25			
<b>* LOOP ID - LM</b>					<b>&gt;1</b>		
* 3750	LM	Code Source Information	O	1			
* 3760	LQ	Industry Code Identification	M	100			
<b>* LOOP ID - LS</b>					<b>1</b>		
* 3800	LS	Loop Header	O	1			
<b>* LOOP ID - REF</b>					<b>&gt;1</b>	<b>N2/3900L</b>	
* 3900	REF	Reference Information	O	1		N2/3900	
* 4000	DTM	Date/Time Reference	O	>1			
* 4100	N1	Party Identification	O	1			
<b>* LOOP ID - LM</b>					<b>10</b>		
* 4200	LM	Code Source Information	O	1			

* 4300	LQ	Industry Code Identification	M	100	
* 4400	LE	Loop Trailer	M	1	

<b>LOOP ID - N1</b>						<b>200</b>
4500	N1	Party Identification	O	1		Used
* 4600	N2	Additional Name Information	O	2		
* 4700	N3	Party Location	O	2		
* 4800	N4	Geographic Location	O	1		
* 4900	REF	Reference Information	O	12		
* 5000	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>
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0200	SE	Transaction Set Trailer	M	1			Must use

**ST****Transaction Set Header**

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

**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) 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. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

**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> <b>Description:</b> Code uniquely identifying a Transaction Set <b>All valid standard codes are used.</b>	M	ID	3/3	Must use
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

**BIA****Beginning Segment for Inventory Inquiry/Advice**

Pos: 0200	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.

**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> <b>Description:</b> Code identifying purpose of transaction set <b>Code</b> <b>Name</b> 00                  Original	M	ID	2/2	Must use
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</b> <b>Name</b> ZZ                  Mutually Defined <b>DLMS Note:</b> 1. Use to indicate Provisioning code.  2. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.	M	ID	2/2	Must use
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>DLMS Note:</b> Populate with "Z" to satisfy X12 requirements.	M	AN	1/50	Must use
BIA04	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <b>Federal Note:</b> This date corresponds to the date of the transaction.	M	DT	8/8	Must use
BIA05	337	<b>Time</b> <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <b>Federal Note:</b> 1. Express the originating activity's time in UTC.  2. Express time in a four-position (HHMM) format.	O	TM	4/8	Used
BIA06	306	<b>Action Code</b> <b>Description:</b> Code indicating type of action	O	ID	1/2	Used

<u>Code</u>	<u>Name</u>
7	Request
	<b>DLMS Note:</b> <i>Use to indicate a data request where the NSN exists - Condition 1.</i>
AE	Activate
	<b>DLMS Note:</b> <i>Use to indicate a data request where the NSN exists - Condition 2.</i>

**DTM****Date/Time Reference**

Pos: 0500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

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.

**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	<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
		<b>Code</b>				
		018				Available <b>DLMS Note:</b> <i>Use to indicate Date Repair Part Required to be Available.</i>
		106				Required By <b>DLMS Note:</b> <i>Enter date if NSNs are Required in less than 75 days after Receipt of the Request.</i>
		375				Delivery Start <b>DLMS Note:</b> <i>Use to indicate Earliest Delivery Date.</i>
		376				Delivery End <b>DLMS Note:</b> <i>Use to indicate Last Delivery Date.</i>
		881				Request <b>DLMS Note:</b> <i>Use to indicate Date of Request.</i>
DTM02	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X	DT	8/8	Used

**REF****Reference Information**

Pos: 0600	Max: 12
Heading - Optional	
Loop: N/A	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.

**DLMS Note:**

*If the end item NSN is not available - enter end item name and type or model 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	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification	M	ID	2/3	Must use
		<b>Code</b>				
		GH				
		<b>Name</b>				
		Identification Card Serial Number				
		<b>DLMS Note:</b>				
		1. Use to indicate Standard Inter-Service Agency Serial Control Number.				
		2. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.				
		IQ				
		End Item				
		<b>DLMS Note:</b>				
		Use for End Item Name.				
		MJ				
		Model Number				
		NS				
		National Stock Number				
		Q5				
		Property Control Number				
		<b>DLMS Note:</b>				
		1. Use to indicate Provisioning Control Code.				
		2. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.				
		W2				
		Weapon System Number				
		<b>DLMS Note:</b>				
		1. Use to indicate Weapon System Designator Code.				
		2. Submit three digits in this field to include two -digit Weapon System Designator Code and single digit Service Code in the third position.				
		W7				
		Commercial and Government Entity (CAGE) Code				
		X9				
		Internal Control Number				
		<b>DLMS Note:</b>				
		Use to indicate Contract/Control Number of procurement document to which item is being purchased against.				
		PRT				
		Product Type				

**DLMS Note:**  
*Use for End Item Type.*

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	X	AN	1/50	Used
-------	-----	--	---	----	------	------

**N1****Party Identification**

<b>Pos: 0800</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 3</b>

**User Option (Usage):** Used

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.

**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> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use
		<b>Code</b> <b>Name</b>				
	40	Receiver				
		<b>DLMS Note:</b> <i>Use to indicate Activity Code To.</i>				
	41	Submitter				
		<b>DLMS Note:</b> <i>Use to indicate Activity Code From.</i>				
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)	X	ID	1/2	Used
		<b>Code</b> <b>Name</b>				
	10	Department of Defense Activity Address Code (DODAAC)				
		<b>DLMS Note:</b> <i>Potential enhancement to replace Activity Code.</i>				
	M4	Department of Defense Routing Identifier Code (RIC)				
		<b>DLMS Note:</b> <i>Potential enhancement to replace Activity Code.</i>				
	ZZ	Mutually Defined				
		<b>DLMS Note:</b> <i>1. Use to indicate Activity Code.</i>  <i>2. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.</i>				
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	X	AN	2/80	Used

# LM

## Code Source Information

Pos: 1400	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.

### 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> Description: Code identifying the agency assigning the code values	M	ID	2/2	Must use
		<u>Code</u>		<u>Name</u>		
		DF		Department of Defense (DoD)		
		DH		Defense Logistics Information Service		

# LQ

## Industry Code Identification

Pos: 1500	Max: 100
Heading - Mandatory	
Loop: LM	Elements: 2

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

To identify 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> <b>Description:</b> Code identifying a specific industry code list <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>0</td> <td>Document Identification Code</td> </tr> <tr> <td>GF</td> <td>Type Identity Change Code</td> </tr> </table>	<u>Code</u>	<u>Name</u>	0	Document Identification Code	GF	Type Identity Change Code	O	ID	1/3	Used
<u>Code</u>	<u>Name</u>											
0	Document Identification Code											
GF	Type Identity Change Code											
<b>DLMS Note:</b> 1. Use to indicate Type of Change Code. This is a DLA unique data element. Code list is available in DoD Manual 4140.26-M Appendix E.  2. Enter code "N" Original, "P" Change, or "V" Follow-on in REF 02.  3. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.												
LQ02	1271	<b>Industry Code</b> <b>Description:</b> Code indicating a code from a specific industry code list	X	AN	1/30	Used						

# LIN

## Item Identification

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 6

**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

### 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.

### DLMS Note:

*The items described in Table 2 relate to the item described in the 1/REF/0600 segment.*

### Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)	M	ID	2/2	Must use
		<b>Code</b> <b>Name</b>				
		FS      National Stock Number				
		GE      Generic Name Description				
		<b>DLMS Note:</b> <i>Use to indicate Item Name.</i>				
		KF      Item Type Number				
		<b>DLMS Note:</b> <i>Use to indicate Item Type.</i>				
		MG      Manufacturer's Part Number				
		MN      Model Number				
LIN03	234	<b>Product/Service ID</b>	M	AN	1/48	Must use
004060F846M0MP00						October 01, 2004

		<b>Description:</b> Identifying number for a product or service <b>DLMS Note:</b> <i>If NSN is not available, enter item name and type or model number.</i>				
LIN04	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>Code</b> <b>Name</b> SN                              Serial Number <b>DLMS Note:</b> <i>Use to indicate Item Serial Number.</i>	X	ID	2/2	Used
LIN05	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	X	AN	1/48	Used
LIN06	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>Code</b> <b>Name</b> PU                              Part Reference Number <b>DLMS Note:</b> <i>1. Use to indicate Reference Number.</i>  <i>2. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.</i>	X	ID	2/2	Used
LIN07	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	X	AN	1/48	Used

# DTM

## Date/Time Reference

Pos: 1000	Max: 10
Detail - Optional	
Loop: LIN	Elements: 2

**User Option (Usage):** Used

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.

### Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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
		<b>Code</b> <b>Name</b>				
		069      Promised for Delivery				
		<b>DLMS Note:</b>				
		1. Use to indicate Date Technical Data to be Supplied.				
		2. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.				
		3. Complete only when data is not sent with the SSR.				
	514	Transferred				
		<b>DLMS Note:</b>				
		Use to indicate Transferred to DLA Date.				
DTM02	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X	DT	8/8	Used

# CTP

## Pricing Information

Pos: 1100	Max: 25
Detail - Optional	
Loop: LIN	Elements: 1

**User Option (Usage):** Used

To specify pricing information

### Syntax Rules:

1. P0405 - If either CTP04 or CTP05 is present, then the other is required.
2. C0607 - If CTP06 is present, then CTP07 is required.
3. C0902 - If CTP09 is present, then CTP02 is required.
4. C1002 - If CTP10 is present, then CTP02 is required.
5. C1103 - If CTP11 is present, then CTP03 is required.

### Semantics:

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

### Comments:

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

### 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>
CTP03	212	<b>Unit Price</b> <b>Description:</b> Price per unit of product, service, commodity, etc.	X	R	1/17	Used

# REF Reference Information

Pos: 1400	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.

## 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	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification	M	ID	2/3	Must use
		<b>Code</b>				
		89		Assembly Number		
				<b>DLMS Note:</b>		
				<i>Use to indicate Major Assembly End Item.</i>		
		D0		Data Reliability Code		
				<b>DLMS Note:</b>		
				<i>1. Use to indicate Adequate for Manufacturing.</i>		
				<i>2. Enter "M" if data has been determined to be adequate for manufacturing the item in REF02.</i>		
		HA		Competent Authority		
				<b>DLMS Note:</b>		
				<i>1. Use to indicate Limited Rights.</i>		
				<i>2. Enter "G" if government has limited rights in REF02.</i>		
		IX		Item Number		
				<b>DLMS Note:</b>		
				<i>1. Use to indicate Item Name.</i>		
				<i>2. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.</i>		
		MR		Merchandise Type Code		
				<b>DLMS Note:</b>		
				<i>1. Use to indicate Type of Critical Action.</i>		
				<i>2. Enter code to indicate whether item is peculiar "P" (item has only one application) or common "C" (item has multiple applications) on REF02.</i>		
				<i>3. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.</i>		
		S2		Data Source		
				<b>DLMS Note:</b>		
				<i>1. Use to indicate Location.</i>		
				<i>2. Enter "L" if data is located at losing item manager or "R" if located at the Repository in REF02.</i>		
		W2		Weapon System Number		



<b>DD</b>	<b>Demand Detail</b>	Pos: 2500 Detail - Optional Loop: LIN Max: >1 Elements: 5
-----------	----------------------	---

**User Option (Usage):** Used

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

**Syntax Rules:**

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

**Semantics:**

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

**DLMS Note:**

*Use this segment to relate retail and replenishment quantity for second through fifth years.*

**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>
DD03	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <u>Code</u> <u>Name</u> ZZ                              Mutually Defined <b>DLMS Note:</b> <i>Use code ZZ for X12 compliance.</i>	X	ID	2/3	Used
DD04	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>Populate with "ZZ" for X12 compliance.</i>	X	AN	1/50	Used
DD05	1271	<b>Industry Code</b> <b>Description:</b> Code indicating a code from a specific industry code list <b>DLMS Note:</b> <i>1. Populate with "02" to indicate second year.                      2. Populate with "03" to indicate third year.                      3. Populate with "04" to indicate fourth year.                      4. Populate with "05" to indicate fifth year.</i>	X	AN	1/30	Used
DD06	1270	<b>Code List Qualifier Code</b> <b>Description:</b> Code identifying a specific industry code list <u>Code</u> <u>Name</u> AAO                              Projection Type <b>DLMS Note:</b> <i>1. Use to indicate Retail Quantity.                      2. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.</i>	O	ID	1/3	Used

SAT

Stock Action/Technical Information Code

**DLMS Note:***1. Use to indicate Replenishment Quantity.**2. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.*

DD07	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	O	R	1/15	Used
------	-----	--	---	---	------	------

# LDT

## Lead Time

Pos: 2570	Max: 12
Detail - Optional	
Loop: LIN	Elements: 3

**User Option (Usage):** Used

To specify lead time for availability of products and services

### Semantics:

1. LDT04 is the effective date of lead time information.

### Comments:

1. LDT02 is the quantity of unit of time periods.

### DLMS Note:

*Use this segment to indicate the lead time 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>
LDT01	345	<b>Lead Time Code</b> <b>Description:</b> Code indicating the time range	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u> AF                              From date of PO receipt to delivery				
LDT02	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	M	R	1/15	Must use
LDT03	344	<b>Unit of Time Period or Interval</b> <b>Description:</b> Code indicating the time period or interval <b>All valid standard codes are used.</b>	M	ID	2/2	Must use

**LM**

# Code Source Information

Pos: 2600	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.

**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> Description: Code identifying the agency assigning the code values	M	ID	2/2	Must use
		<u>Code</u>		<u>Name</u>		
		DF		Department of Defense (DoD)		
		DH		Defense Logistics Information Service		

**LQ****Industry Code Identification**

Pos: 2700	Max: 100
Detail - Mandatory	
Loop: LM	Elements: 2

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

To identify 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> <b>Description:</b> Code identifying a specific industry code list	O	ID	1/3	Used
		<b>Code</b>		<b>Name</b>		
		0		Document Identification Code		
		AD		Acquisition Advice Code		
				<b>DLMS Note:</b> <i>Use to indicate the Recommended Acquisition Advice Code. The requestor may recommend a method of management - otherwise leave blank.</i>		
		AH		Acquisition Method Suffix Code		
		AI		Acquisition Method Code		
		FD		Demilitarization Code		
		FE		Shelf Life Code		
		FF		Essentiality Code		
		FG		Source Maintenance and Recoverability Code		
		GF		Type Identity Change Code		
				<b>DLMS Note:</b> <i>1. Use to indicate Type of Change Code. This is a DLA unique data element. Code list is available in DoD Manual 4140.26-M Appendix E.</i>  <i>2. Enter code "C" Change in quantity, "D" Deleted, "H" Reduction of requirements, "N" Original, "P" Change, "R" Superseded part, "S" Superseding part, "T" Technical errors or "V" Follow-on in LQ02.</i>  <i>3. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.</i>		
		GQ		Group Qualifier Code		
				<b>DLMS Note:</b> <i>Use to identify the Material 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.</i>  <i>A data maintenance action was approved in version 5010. The approved code/name is "MAC – Material Management Aggregation Code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.</i>		
		NP		Special Category Code		
				<b>DLMS Note:</b>		



# QTY

## Quantity Information

Pos: 3200	Max: 1
Detail - Optional	
Loop: QTY	Elements: 3

**User Option (Usage):** Used

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.

### 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> <b>Description:</b> Code specifying the type of quantity	M	ID	2/2	Must use
		<b>Code</b> <b>Name</b>				
		ES      Ending Stock				
		<b>DLMS Note:</b> <i>Use to indicate End Item Quantity.</i>				
		PO      Percentage of Ordered Quantity				
		<b>DLMS Note:</b> <i>Use to indicate Percent of End Items East.</i>				
		R1      Replenishment (Fill)				
		<b>DLMS Note:</b> <i>Use to indicate Replenishment (Wholesale) Quantity.</i>				
		RT      Retail Sales Quantity				
		<b>DLMS Note:</b> <i>1. Use to indicate Retail Quantity.</i>  <i>2. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.</i>				
		T5      Total Number of Units				
		<b>DLMS Note:</b> <i>Use to indicate Quantity Per End Item.</i>				
QTY02	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	X	R	1/15	Used
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
	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
		<b>DLMS Note:</b> <i>Use to indicate Unit of Issue.</i> <b>All valid standard codes are used.</b>				

# N1 Party Identification

Pos: 4500	Max: 1
Detail - Optional	
Loop: N1	Elements: 3

**User Option (Usage):** Used

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.

### 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> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use
		<b>Code</b> <b>Name</b>				
		PK      Party to Receive Copy				
		<b>DLMS Note:</b>				
		1. Use to indicate Data Receiver Code.				
		2. For Army and Navy use only.				
	W1	Work Team				
		<b>DLMS Note:</b>				
		1. Use to indicate Data Collaborator Code.				
		2. For Navy use only.				
	ABE	Additional Address				
		<b>DLMS Note:</b>				
		Use to indicate Additional User.				
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)	X	ID	1/2	Used
		<b>Code</b> <b>Name</b>				
		10      Department of Defense Activity Address Code (DODAAC)				
		<b>DLMS Note:</b>				
		Potential enhancement to replace Activity Code.				
	M4	Department of Defense Routing Identifier Code (RIC)				
		<b>DLMS Note:</b>				
		Potential enhancement to replace Activity Code.				
	ZZ	Mutually Defined				
		<b>DLMS Note:</b>				
		1. Use to indicate Activity Code.				
		2. An ANSI data maintenance action will be taken to obtain a more appropriate code for use in a future version/release.				

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

# CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

**User Option (Usage):** Used

To transmit a hash total for a specific element in the transaction set

### Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

### Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

### 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>
CTT01	354	<b>Number of Line Items</b> <b>Description:</b> Total number of line items in the transaction set <b>DLMS Note:</b> Use to indicate number of Supply Support Requests enclosed.	M	NO	1/6	Must use

**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

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>
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
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>DLMS Note:</b> <i>Cite the same number as the one cited in ST02.</i>	M	AN	4/9	Must use