

# 846 Inventory Inquiry/Advice

Functional Group ID=**IB**

## Introduction:

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)

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

inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

**1. Use this implementation convention (IC) only to support the Navy Performance Based Logistics (PBL) Program. This IC is a subset of the Defense Logistics Management System (DLMS) IC (i.e., this IC uses only DLMS approved segments, data elements, and codes, but not all of them) with the following exceptions: The 2/DTM/100 segment carries cyclic reporting information, The 2/CTP/110 segment carries the unit price, the 2/QTY carries due in maintenance quantity and estimated remaining life quantity and the 2/LQ/376 carries additional Navy unique codes. The Federally approved implementation convention (004010F846I0, dated 25 September 1998), can be found on the NIST website.**

**2. Organizations use this transaction set to request and/or report asset status and inventory balance information.**

**3. Use a single occurrence of this transaction set to exchange transactions with a single or multiple organizations. Use one occurrence of this transaction set to transmit a single or multiple transactions.**

## Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	010	ST	Transaction Set Header	M	1		
5	020	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1		
Not Used	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		
LOOP ID - N1						5	
7	080	N1	Name	O	1		
Not Used	090	N2	Additional Name Information	O	2		

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

**Detail:**

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
<b>LOOP ID - LIN</b>						<b>10000</b>	
9	010	LIN	Item Identification	M	1		
Not Used	030	PID	Product/Item Description	O	200		
Not Used	040	MEA	Measurements	O	40		
Not Used	050	PKG	Marking, Packaging, Loading	O	25		
12	100	DTM	Date/Time Reference	O	10		
14	110	CTP	Pricing Information	O	25		
Not Used	120	CUR	Currency	O	1		
Not Used	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Not Used	140	REF	Reference Identification	O	>1		
Not Used	150	PER	Administrative Communications Contact	O	3		
Not Used	220	SDQ	Destination Quantity	O	500		
Not Used	230	MAN	Marks and Numbers	O	1		
Not Used	235	UIT	Unit Detail	O	5		
Not Used	240	CS	Contract Summary	O	1		
Not Used	250	DD	Demand Detail	O	>1		
Not Used	255	G53	Maintenance Type	O	1		
Not Used	256	PCT	Percent Amounts	O	>1		
Not Used	257	LDT	Lead Time	O	12		
<b>LOOP ID - LM</b>						<b>10</b>	
16	260	LM	Code Source Information	O	1		
17	270	LQ	Industry Code	M	100		
<b>LOOP ID - SLN</b>						<b>1000</b>	
Not Used	280	SLN	Subline Item Detail	O	1		
Not Used	290	PID	Product/Item Description	O	200		
Not Used	300	MEA	Measurements	O	40		
Not Used	310	PKG	Marking, Packaging, Loading	O	25		
<b>LOOP ID - MAN</b>						<b>100</b>	
Not Used	312	MAN	Marks and Numbers	O	1		
Not Used	314	MEA	Measurements	O	40		
<b>LOOP ID - QTY</b>						<b>99</b>	
18	320	QTY	Quantity	O	1		
Not Used	330	UIT	Unit Detail	O	12		
Not Used	340	MEA	Measurements	O	25		

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Not Used	350	LDT	Lead Time	O	12	
Not Used	355	DTM	Date/Time Reference	O	10	
						25
LOOP ID - SCH						
Not Used	360	SCH	Line Item Schedule	O	1	
Not Used	370	MEA	Measurements	O	25	
						>1
LOOP ID - LM						
21	375	LM	Code Source Information	O	1	
22	376	LQ	Industry Code	M	100	
Not Used	380	LS	Loop Header	O	1	
						>1
LOOP ID - REF						
Not Used	390	REF	Reference Identification	O	1	n1
Not Used	400	DTM	Date/Time Reference	O	>1	
Not Used	410	N1	Name	O	1	
						10
LOOP ID - LM						
Not Used	420	LM	Code Source Information	O	1	
Not Used	430	LQ	Industry Code	M	100	
Not Used	440	LE	Loop Trailer	O	1	
						200
LOOP ID - N1						
24	450	N1	Name	O	1	
Not Used	460	N2	Additional Name Information	O	2	
Not Used	470	N3	Address Information	O	2	
Not Used	480	N4	Geographic Location	O	1	
Not Used	490	REF	Reference Identification	O	12	
Not Used	500	PER	Administrative Communications Contact	O	3	

**Summary:**

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Not Used	010	CTT	Transaction Totals	O	1		n2
26	020	SE	Transaction Set Trailer	M	1		

**Transaction Set Notes**

1. The REF loop conveys serial number, lot number, and inventory data.
2. 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.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 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).  
**Comments:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143		<b>Transaction Set Identifier Code</b>	<b>M ID 3/3</b>
				Code uniquely identifying a Transaction Set 846 Inventory Inquiry/Advice	
Must Use	ST02	329		<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>
				Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	

**Segment:** **BIA** Beginning Segment for Inventory Inquiry/Advice  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of an Inventory Inquiry/Advice Transaction Set  
**Syntax Notes:**  
**Semantic Notes:**

- 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.

**Comments:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
Must Use	BIA01	353 <b>Transaction Set Purpose Code</b>	M ID 2/2
		Code identifying purpose of transaction set	
		00 Original	
Must Use	BIA02	755 <b>Report Type Code</b>	M ID 2/2
		Code indicating the title or contents of a document, report or supporting item	
		TI Asset Status Inquiry	
		<i>Use to identify a request for asset information.</i>	
		TJ Asset Status Advice	
		<i>Use to identify an asset status report.</i>	
Must Use	BIA03	127 <b>Reference Identification</b>	M AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		<i>Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>	
Must Use	BIA04	373 <b>Date</b>	M DT 8/8
		Date expressed as CCYYMMDD	
		<i>Use to indicate the transaction set preparation date. This date corresponds to the Universal Time Coordinate (UTC).</i>	
Must Use	BIA05	337 <b>Time</b>	O TM 4/8
		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)	
		<i>1. Express the originating activity's time of transaction set preparation in UTC.</i>	

**Not Used**    **BIA06**    **306**    *2. Express time in a four-position (HHMM) format.*  
**Action Code**    **O ID 1/2**  
Code indicating type of action

**Segment:** **N1** Name  
**Position:** 080  
**Loop:** N1 Optional (Must Use)  
**Level:** Heading  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:**

**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.

**Notes:** *Must use this 1/N1/080 loop to identify the organization originating the transaction set.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
<b>Must Use</b>	<b>N101</b>	<b>98 Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual <i>Use only one of codes SB or SZ.</i> SB Storage Area <i>Use to indicate a depot or storage activity.</i> Z4 Owning Inventory Control Point	<b>M ID 2/3</b>
<b>Not Used</b>	<b>N102</b>	<b>93 Name</b> Free-form name	<b>X AN 1/60</b>
<b>Must Use</b>	<b>N103</b>	<b>66 Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 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) M4 Department of Defense Routing Identifier Code (RIC)	<b>X ID 1/2</b>
<b>Must Use</b>	<b>N104</b>	<b>67 Identification Code</b> Code identifying a party or other code	<b>X AN 2/80</b>
<b>Not Used</b>	<b>N105</b>	<b>706 Entity Relationship Code</b> Code describing entity relationship	<b>O ID 2/2</b>
<b>Not Used</b>	<b>N106</b>	<b>98 Entity Identifier Code</b>	<b>O ID 2/3</b>

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

**Segment:** **LIN** Item Identification

**Position:** 010

**Loop:** LIN Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

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

**Syntax Notes:**

- 1 If either LIN04 or LIN05 is present, then the other is required.
- 2 If either LIN06 or LIN07 is present, then the other is required.
- 3 If either LIN08 or LIN09 is present, then the other is required.
- 4 If either LIN10 or LIN11 is present, then the other is required.
- 5 If either LIN12 or LIN13 is present, then the other is required.
- 6 If either LIN14 or LIN15 is present, then the other is required.
- 7 If either LIN16 or LIN17 is present, then the other is required.
- 8 If either LIN18 or LIN19 is present, then the other is required.
- 9 If either LIN20 or LIN21 is present, then the other is required.
- 10 If either LIN22 or LIN23 is present, then the other is required.
- 11 If either LIN24 or LIN25 is present, then the other is required.
- 12 If either LIN26 or LIN27 is present, then the other is required.
- 13 If either LIN28 or LIN29 is present, then the other is required.
- 14 If either LIN30 or LIN31 is present, then the other is required.

**Semantic Notes:**

- 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.

**Notes:** *Must use the 2/LIN/010 loop to identify the material, transaction number, and inventory information associated with asset status reporting.*

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Not Used	LIN01	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	LIN02	235	Product/Service ID Qualifier	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			<i>Use only one of codes FS, or MG to identify the item of inventory. Must use the National Stock Number (NSN) when known.</i>	
			FS National Stock Number	
			<i>Must use the NSN when known.</i>	
			MG Manufacturer's Part Number	
			<i>Use to identify nonstandard material.</i>	
Must Use	LIN03	234	Product/Service ID	M AN 1/48

			Identifying number for a product or service	
	<b>LIN04</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			ZB Commercial and Government Entity (CAGE) Code	
			<i>Use only with LIN02 code MG to uniquely identify a manufacturer's part number.</i>	
	<b>LIN05</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN06</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN07</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN08</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN09</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN10</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN11</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN12</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN13</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN14</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN15</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN16</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN17</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN18</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	

Not Used	LIN19	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
Not Used	LIN20	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	LIN21	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
Not Used	LIN22	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	LIN23	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
Not Used	LIN24	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	LIN25	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
Not Used	LIN26	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	LIN27	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
Not Used	LIN28	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	LIN29	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
Not Used	LIN30	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	LIN31	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48

**Segment:** **DTM** Date/Time Reference

**Position:** 100

**Loop:** LIN Mandatory

**Level:** Detail

**Usage:** Optional (Must Use)

**Max Use:** 10

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

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
  - 2 If DTM04 is present, then DTM03 is required.
  - 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:** *Must use 2/DTM/100 to identify dates associated with the transaction. At a minimum, the first occurrence must use DTM01-2 to meet DLMS reporting requirements. Navy PBL cyclic reporters will use additional occurrence to convey service unique data in DTM05-6. This is a Navy unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.*

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
Code specifying type of date or time, or both date and time				
		090	Report Start	
			<i>Use in asset status inquiries to identify the start date for inventory reporting.</i>	
		091	Report End	
			<i>Use in asset status inquiries to identify the stop date for inventory reporting.</i>	
		106	Required By	
			<i>Use in asset status inquiries to identify the date by which a one-time asset status report is required.</i>	
		585	Report	
			<i>User Navy PBL Cyclic Reporting to identify the applicable reporting week. This is a Navy unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>	
		600	As Of	
			<i>Use for asset status reports to identify the close of business date associated with the inventory information.</i>	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	

*Must use with DTM01*

<b>Not Used</b>	<b>DTM03</b>	<b>337</b>	<b>Time</b>	<b>X</b>	<b>TM 4/8</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>Not Used</b>	<b>DTM04</b>	<b>623</b>	<b>Time Code</b>	<b>O</b>	<b>ID 2/2</b>
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	<b>DTM05</b>	<b>1250</b>	<b>Date Time Period Format Qualifier</b>	<b>X</b>	<b>ID 2/3</b>
			Code indicating the date format, time format, or date and time format		
			UN		Unstructured
					<i>Use to indicate Navy PBL Cyclic Reporting sequential week</i>
	<b>DTM06</b>	<b>1251</b>	<b>Date Time Period</b>	<b>X</b>	<b>AN 1/35</b>
			Expression of a date, a time, or range of dates, times or dates and times		
			<i>Use to identify two digit Navy cyclic reporting week</i>		

<b>Segment:</b>	<b>CTP Pricing Information</b>
<b>Position:</b>	110
<b>Loop:</b>	LIN Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	25
<b>Purpose:</b>	To specify pricing information
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either CTP04 or CTP05 is present, then the other is required.</li> <li>2 If CTP06 is present, then CTP07 is required.</li> <li>3 If CTP09 is present, then CTP02 is required.</li> <li>4 If CTP10 is present, then CTP02 is required.</li> <li>5 If CTP11 is present, then CTP03 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>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.</li> <li>2 CTP08 is the rebate amount.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.</li> </ol>
<b>Notes:</b>	<i>Use to cite the unit price. This segment is not used in the Federally approved DLMS implementation convention.</i>

#### Data Element Summary

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
Not Used	CTP01	687 <b>Class of Trade Code</b> Code indicating class of trade	O ID 2/2
Not Used	CTP02	236 <b>Price Identifier Code</b> Code identifying pricing specification	X ID 3/3
Must Use	CTP03	212 <b>Unit Price</b> Price per unit of product, service, commodity, etc. <i>Cite in dollars and cents, using a decimal point.</i>	X R 1/17
Not Used	CTP04	380 <b>Quantity</b> Numeric value of quantity	X R 1/15
Not Used	CTP05	C001 <b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	X
Not Used	C00101	355 <b>Unit or Basis for Measurement Code</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
Not Used	C00102	1018 <b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00103	649 <b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10

Not Used	C00104	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00106	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00109	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00112	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00115	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	CTP06	648	<b>Price Multiplier Qualifier</b> Code indicating the type of price multiplier	O ID 3/3
Not Used	CTP07	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	X R 1/10
Not Used	CTP08	782	<b>Monetary Amount</b> Monetary amount	O R 1/18
Not Used	CTP09	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item	O ID 2/2
Not Used	CTP10	499	<b>Condition Value</b> Identifies rate restrictions or provisions	O AN 1/10
Not Used	CTP11	289	<b>Multiple Price Quantity</b> Quantity of units for a given price, e.g., 3 for \$10.00	O N0 1/2

**Segment:** **LM** Code Source Information  
**Position:** 260  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 LM02 identifies the applicable industry code list source information.  
**Notes:** *Use this 2/LM/260 loop to identify coded information maintained in department or agency documentation.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
<b>Must Use</b>	<b>LM01</b>	<b>559 Agency Qualifier Code</b> Code identifying the agency assigning the code values DF Department of Defense (DoD)	<b>M ID 2/2</b>
<b>Not Used</b>	<b>LM02</b>	<b>822 Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier	<b>O AN 1/15</b>

**Segment:** **LQ** Industry Code  
**Position:** 270  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 100  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:** *Use to identify codes, as appropriate, consistent with management information requirements.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>		<b>Attributes</b>
	<b>Des.</b>	<b>Element</b>	<b>Name</b>	
<b>Must Use</b>	<b>LQ01</b>	<b>1270</b>	<b>Code List Qualifier Code</b>	<b>O ID 1/3</b>
			Code identifying a specific industry code list	
			0 Document Identification Code	
			<i>Cite DZA or DZE.</i>	
			EA Asset Status or Transaction Reporting Code	
			<i>Use to identify the type of asset status report required.</i>	
<b>Must Use</b>	<b>LQ02</b>	<b>1271</b>	<b>Industry Code</b>	<b>X AN 1/30</b>
			Code indicating a code from a specific industry code list	

**Segment:** **QTY** Quantity  
**Position:** 320  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify quantity information  
**Syntax Notes:** 1 At least one of QTY02 or QTY04 is required.  
 2 Only one of QTY02 or QTY04 may be present.  
**Semantic Notes:** 1 QTY04 is used when the quantity is non-numeric.  
**Comments:**  
**Notes:** *Use multiple iterations of the 2/QTY/320 loop, as needed, in asset status reports only to stratify inventory values information by material classification.*

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
			17	Quantity on Hand <i>Use to identify the on hand quantity.</i>
			AD	Maintenance Units <i>Use to identify the Due In From Maintenance quantity. This is a Navy unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>
			BA	Due-In <i>Use to identify the total quantity reflected as due-in on inventory records.</i>
			BQ	Backorder Quantity <i>Use to identify the total quantity reflected as backordered on inventory records.</i>
			R3	Estimated Remaining Physical Life <i>This is a Navy unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>
			XU	Reserved <i>Use to identify the total quantity reflected as reserved for special projects or programs on inventory records.</i>
			XV	Requisitioning Objective <i>Use to identify planned requirements</i>
			YA	Total Demand Quantity

				<i>Use to identify the demand quantity.</i>	
			YB	Total Demand Orders	
				<i>Use to identify the demand frequency.</i>	
<b>Must Use</b>	<b>QTY02</b>	<b>380</b>	<b>Quantity</b>		<b>X R 1/15</b>
			Numeric value of quantity		
			<i>Express as a whole number with no decimals.</i>		
	<b>QTY03</b>	<b>C001</b>	<b>Composite Unit of Measure</b>		<b>O</b>
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
<b>Must Use</b>	<b>C00101</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>M ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			<i>DLMS user see the Unit of Issue and Purchase Unit conversion table for available codes.</i>		
<b>Not Used</b>	<b>C00102</b>	<b>1018</b>	<b>Exponent</b>		<b>O R 1/15</b>
			Power to which a unit is raised		
<b>Not Used</b>	<b>C00103</b>	<b>649</b>	<b>Multiplier</b>		<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value		
<b>Not Used</b>	<b>C00104</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
<b>Not Used</b>	<b>C00105</b>	<b>1018</b>	<b>Exponent</b>		<b>O R 1/15</b>
			Power to which a unit is raised		
<b>Not Used</b>	<b>C00106</b>	<b>649</b>	<b>Multiplier</b>		<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value		
<b>Not Used</b>	<b>C00107</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
<b>Not Used</b>	<b>C00108</b>	<b>1018</b>	<b>Exponent</b>		<b>O R 1/15</b>
			Power to which a unit is raised		
<b>Not Used</b>	<b>C00109</b>	<b>649</b>	<b>Multiplier</b>		<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value		
<b>Not Used</b>	<b>C00110</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
<b>Not Used</b>	<b>C00111</b>	<b>1018</b>	<b>Exponent</b>		<b>O R 1/15</b>
			Power to which a unit is raised		
<b>Not Used</b>	<b>C00112</b>	<b>649</b>	<b>Multiplier</b>		<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value		
<b>Not Used</b>	<b>C00113</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner		

<b>Not Used</b>	<b>C00114</b>	<b>1018</b>	<b>Exponent</b> in which a measurement has been taken Power to which a unit is raised	<b>O R 1/15</b>
<b>Not Used</b>	<b>C00115</b>	<b>649</b>	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	<b>O R 1/10</b>
<b>Not Used</b>	<b>QTY04</b>	<b>61</b>	<b>Free-Form Message</b> Free-form information	<b>X AN 1/30</b>

**Segment:** **LM** Code Source Information  
**Position:** 375  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 LM02 identifies the applicable industry code list source information.  
**Notes:** *Use the 2/LM/375 loop for asset status reports only to identify Agency unique coded data related to the characteristics and coding requirements for the transaction.*

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	LM01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
Not Used	LM02	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	

**Segment:** **LQ** Industry Code  
**Position:** 376  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 100  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:** *Use to identify codes, as appropriate, consistent with management information requirements.*

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LQ01	1270 Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		<i>Use one of codes 99 or A1 (but not both) as appropriate.</i>	
		83 Supply Condition Code	
		99 Purpose Code	
		A1 Ownership Code	
		COG Cognizance Symbol	
		<i>Use for the Navy Cognizance Symbol. This code is not in DLMS or X12 version 3060. It is in X12 version 4010. This is a Navy unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>	
		FC Type Physical Inventory or Transaction History Code	
		<i>This is a Navy unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>	
		MCC Material Control Code	
		<i>Use for the Navy Material Control Code. This is a Navy unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>	
		PSC Physical Security Code	
		<i>Use for Navy Physical Security Code. This is a Navy unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>	
		SMI Special Material Identification Code	

*Use for Navy Special Material Identification Code. This is a Navy unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.*

**Must Use**    **LQ02**    **1271**    **Industry Code**    **X**    **AN 1/30**  
Code indicating a code from a specific industry code list

**Segment:** **N1** Name  
**Position:** 450  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:**

**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.

**Notes:** 1. *Must use this 2/N1/450 loop to identify the organization to receive the transaction. Use multiple iterations of the 2/N1/450 loop to identify all transaction recipients.*  
 2. *Use to identify the storage location.*

**Data Element Summary**

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		<i>Use only one of codes SB or Z4.</i>	
		LG Location of Goods	
		<i>Use for asset status reports to identify the asset storage organization when different from the organization originating the transaction set.</i>	
		PK Party to Receive Copy	
		SB Storage Area	
		<i>Use to indicate a depot or storage activity.</i>	
		Z4 Owning Inventory Control Point	
Not Used	N102	93 Name	X AN 1/60
		Free-form name	
Must Use	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		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)

M4

Department of Defense Routing Identifier Code (RIC)

**Must Use**    **N104**    **67**    **Identification Code**    **X AN 2/80**

Code identifying a party or other code

**Not Used**    **N105**    **706**    **Entity Relationship Code**    **O ID 2/2**

Code describing entity relationship

**N106**    **98**    **Entity Identifier Code**    **O ID 2/3**

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

TO

Message To

*Use with 2/N101/450 codes SB or Z4 to indicate the organization cited in N104 is to receive the transaction.*

**Segment:** **SE** Transaction Set Trailer  
**Position:** 020  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**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)

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>		
	<b>Des.</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>
<b>Must Use</b>	<b>SE01</b>	<b>96</b>	<b>Number of Included Segments</b>	<b>M N0 1/10</b>
			Total number of segments included in a transaction set including ST and SE segments	
<b>Must Use</b>	<b>SE02</b>	<b>329</b>	<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same number as the one cited in ST02.</i>	