

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. This transaction is used to request, inquire about, and cancel a physical inventory, and to request transaction history.
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 Standards (DLMS) Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6/dlms>. The DLMS IC provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

1. Owners and managers use this transaction set to request, inquire about, and cancel a physical inventory by a distribution depot or storage activity. Owners and managers also use this transaction set to request transaction history. Distribution depots/storage activities use this transaction set to cancel and/or reschedule a physical inventory request by an owner/manager. Distribution depots/storage activities also use this transaction set to respond to a request for transaction history when no history is available and an inquiry about a request for a physical inventory. Distribution depots/storage activities also use this transaction set to provide the owner/manager End of Day processing accountable transaction count information. This transaction encompasses the functionality of MILSTRAP Document Identifier Codes (DIC) DJA, DZJ, DZK when rp 30-43 is 8-filled or 9-filled, and DZM. This transaction also accommodates the functionality of non-DLSS Navy DIC BZA and BZC.
2. Use a single occurrence of this transaction set to exchange transactions between a single owner/manager and a single or multiple distribution depots/storage activities, or between a single distribution depot/storage activity and a single or multiple owners/managers. For use as an end of day transaction count, depot/storage activity sends a single occurrence of this transaction to a single owner/manager.
3. Users operating under the Defense Logistics Management Standards (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table which can be found on the Defense Logistics Management Standards Office Web site at www.dla.mil/j-6/dlms.
4. This DLMS Implementation Convention (IC) 846P contains:
 - a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with Defense Logistics Management Standards Office prior to use.
 - b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with Defense Logistics Management Standards Office prior to use.
 - c. Defense Logistics Standard System (DLSS) data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with Defense Logistics Management Standards Office for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.
 - d. Data elements which have an expanded field size above existing DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with Defense Logistics Management Standards Office prior to use.
 - e. Data required to accommodate Component-unique transaction requirements (e.g., B-series transactions). Data does not apply to DLSS transactions.
 - f. Repetition of data (using multiple iterations or loops) which is not compatible with existing DLSS capability. Although supported by the use of the ANSI X12 standard, such data is not compatible with DLSS/DLMS conversion and may not be supported by the recipient's automated processing system. Components must coordinate implementation of enhanced capability with Defense Logistics Management Standards Office prior to use.
 - g. Data associated with a DLMS enhancement authorized for implementation by modernized systems under DLMS migration. This data (including expanded field sizes) should be adopted during, or subsequent to, modernization when applicable to the Component's business process. Prior coordination is not required. Components should ensure that inclusion of this data in a DLMS transaction does not cause inappropriate rejection of the transaction.

5. This DLMS IC incorporates the Proposed DLMS Change (PDC) and Approved DLMS Change (ADC) listed. PDCs/ADCs are available from the Defense Logistics Management Standards Office Web site: <http://www.dla.mil/j-6/dlmsso/elibrary/Changes/processchanges.asp>

- ADC 45, Use of Both Ownership Code and Purpose Code in DLMS for Ammunition
- ADC 77, Air Force Unique Management Coding for Materiel Management Aggregation Code (MMAC)
- ADC 134, Revision to DS 846P, Physical Inventory Request to Add Physical Inventory Cutoff Date (Supply)
- ADC 138, Revisions to DLMS Supplement (DS) 846P, Physical Inventory Request, to Capture Impact of Approved DLMS Change (ADC) 33, and Other Administrative Changes
- ADC 164, Revision to DLMS Supplement 846P, Physical Inventory Request, to Accommodate Functionality of End of Day Transaction Count (MILSTRAP DZM) and to Provide Transaction Clarification and Administrative Changes (Supply)
- ADC 198, Revise DS 846P to Provide Capability to Advise When No History is Available in Response to a Transaction History Request
- ADC 204, Revision to DS 846P and 846R to Support Requirements for Army Medical Material Agreement Inventory Records Management Process (Supply)
- ADC 270, Administrative Revision to DS 846P to Clarify Date Qualifiers in Transaction History Requests
- ADC 295, Use of DLMS Qualifier for Local Stock Number/Management Control Numbers
- ADC 307, Administrative Update to DLMS, Volume 2, Chapter 6, Physical Inventory Control and DLMS Supplements (DS) 846P, 846R, and 888I (Supply/MILSTRAP) (Supply/MILSTRAP)
- ADC 320, Revises DS 846P to Add Transaction Creation Date; Intra-Navy Change to Migrate Navy BZA/BZC Data Requirements to 846P End of Day Transaction Count Function (Supply)
- Withdrawal of Approved MILSTRAP/MILSTRIP Change Letter (AMCL) 5 and 13, Date Packed/Expiration for Subsistence Items (Staffed by PMCLs 3) (Supply/MILSTRIP/MILSTRAP)
- ADC 381, Procedures and Additional Data Content supporting Requisitions, Requisition Alerts, and Unit of Use Requirements under Navy BRAC SS&D/IMSP
- Approved Addendum ADC 381A, Procedures and Additional Data Content supporting Unit of Use Requirements under Marine Corps BRAC Storage and Distribution
- ADC 393, Revise DLMS 846P, Response to Transaction History Request When No History Available, to Add a Second Iteration of Type Physical Inventory/Transaction History Code
- ADC 436, Administrative Revisions to DLMS Supplements to Remove Obsolete Routing Identifier Code (RIC) "Streamline" Notes and Update MILSTRIP/DLMS Documentation Associated with Routing Identifiers
- Organizational Name and Other Non-Substantive (Administrative) Updates Completed on July 29, 2015.
- ADC 1043C, Administrative Corrections for SLOA Data in the 810L Logistics Bill and other DLMS ICs

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>
10	ST	Transaction Set Header	M	1			Must use
20	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1			Must use
* 40	CUR	Currency	O	1			Not Used
* 50	DTM	Date/Time Reference	O	10			Not Used
* 60	REF	Reference Identification	O	12			Not Used
* 70	PER	Administrative Communications Contact	O	3			Not Used
* 75	MEA	Measurements	O	20			Not Used
LOOP ID - N1					5		
80	N1	Name	O	1			Must use
* 90	N2	Additional Name Information	O	2			Not Used
* 100	N3	Address Information	O	2			Not Used
* 110	N4	Geographic Location	O	1			Not Used
* 120	REF	Reference Identification	O	12			Not Used
* 130	PER	Administrative Communications Contact	O	3			Not Used
* LOOP ID - LM					10		
* 140	LM	Code Source Information	O	1			Not Used
150	LQ	Industry Code	M	100			Must use

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - LIN					10000		
10	LIN	Item Identification	M	1			Must use
* 30	PID	Product/Item Description	O	200			Not Used
* 40	MEA	Measurements	O	40			Not Used

<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>
* 50	PKG	Marking, Packaging, Loading	O	25			Not Used
100	DTM	Date/Time Reference	O	10			Used
* 110	CTP	Pricing Information	O	25			Not Used
* 120	CUR	Currency	O	1			Not Used
* 130	SAC	Service, Promotion, Allowance, or Charge Information	O	25			Not Used
140	REF	Reference Identification	O	>1			Used
* 150	PER	Administrative Communications Contact	O	3			Not Used
* 220	SDQ	Destination Quantity	O	500			Not Used
* 230	MAN	Marks and Numbers	O	1			Not Used
* 235	UIT	Unit Detail	O	5			Not Used
* 240	CS	Contract Summary	O	1			Not Used
* 250	DD	Demand Detail	O	>1			Not Used
* 255	G53	Maintenance Type	O	1			Not Used
* 256	PCT	Percent Amounts	O	>1			Not Used
* 257	LDT	Lead Time	O	12			Not Used
<u>LOOP ID - LM</u>					<u>10</u>		
260	LM	Code Source Information	O	1			Used
270	LQ	Industry Code	M	100			Must use
* <u>LOOP ID - SLN</u>					<u>1000</u>		
* 280	SLN	Subline Item Detail	O	1			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			Not Used
* <u>LOOP ID - MAN</u>					<u>100</u>		
* 312	MAN	Marks and Numbers	O	1			Not Used
* 314	MEA	Measurements	O	40			Not Used
<u>LOOP ID - QTY</u>					<u>99</u>		
320	QTY	Quantity	O	1			Used
* 330	UIT	Unit Detail	O	12			Not Used
* 340	MEA	Measurements	O	25			Not Used
* 350	LDT	Lead Time	O	12			Not Used
* 355	DTM	Date/Time Reference	O	10			Not Used
* <u>LOOP ID - SCH</u>					<u>25</u>		
* 360	SCH	Line Item Schedule	O	1			Not Used
* 370	MEA	Measurements	O	25			Not Used
* <u>LOOP ID - LM</u>					<u>>1</u>		
* 375	LM	Code Source Information	O	1			Not Used
376	LQ	Industry Code	M	100			Must use
* <u>LOOP ID - LS</u>					<u>1</u>		
* 380	LS	Loop Header	O	1			Not Used
* <u>LOOP ID - REF</u>					<u>>1</u> <u>N2/390L</u>		
* 390	REF	Reference Identification	O	1		N2/390	Not Used
* 400	DTM	Date/Time Reference	O	>1			Not Used
* 410	N1	Name	O	1			Not Used
* <u>LOOP ID - LM</u>					<u>10</u>		
* 420	LM	Code Source Information	O	1			Not Used
430	LQ	Industry Code	M	100			Must use
* 440	LE	Loop Trailer	M	1			Not Used
<u>LOOP ID - N1</u>					<u>200</u>		

<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>
450	N1	Name	O	1			Must use
* 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			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>
* 10	CTT	Transaction Totals	O	1		N3/10	Not Used
20	SE	Transaction Set Trailer	M	1			Must use

Notes:

- 2/390L The REF loop conveys serial number, lot number, and inventory data.
- 2/390 The REF loop conveys serial number, lot number, and inventory data.
- 3/10 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

Pos: 10	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Semantics:

- The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use	1
Description: Code uniquely identifying a Transaction Set							
CodeList Summary (Total Codes: 298, Included: 1)							
Code Name							
846 Inventory Inquiry/Advice							
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set							
Federal Note: <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>							

BIA Beginning Segment for Inventory Inquiry/Advice

Pos: 20	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

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>	<u>Rep</u>
BIA01	353	Transaction Set Purpose Code	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 3)

Code Name

- 00 Original
- 77 Simulation Exercise

DLMS Note:

Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

- ZZ Mutually Defined

DLMS Note:

1. Use to identify the Unit of Use Indicator. When included, the quantity and unit of measure values associated with this transaction are applicable to the unit of use.
2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.

BIA02	755	Report Type Code	M	ID	2/2	Must use	1
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Description: Code indicating the title or contents of a document, report or supporting item

CodeList Summary (Total Codes: 522, Included: 5)

Code Name

- AD Agent/Distributor Inventory Report

DLMS Note:

Use to identify a Response to a Transaction History Request (No History Available). From distribution depot/storage activity to owner/manager. (MILSTRAP DIC DZK functionality when record position 30-43 is 8-filled or 9-filled.) Use with 2/LQ01/270/FC Type of Physical Inventory/Transaction History Code 8 or 9. NOTE: When history is available, there is no direct map of MILSTRAP DIC DZK to DLMS. Instead, all transactions that were subject to historical submission under DZK, were given a beginning segment action code 'W1' for historical submissions. DLMS transactions containing Action Code W1 for historical submission are: 527R, 867I, 940R, 945A, 947I.)

- B1 Batch Report

DLMS Note:

1. Use to identify End of Day Transaction Count. Use to provide end of day accountable transaction count information. From distribution depot/storage activity to owner/manager to advise owner/manager of the number of balance affecting transactions that were forwarded during the daily course of business. (MILSTRAP DIC DZM functionality).
2. Sent by distribution depot/storage activity to owner/manager to advise owner/manager of the

Code Name

number of accountable (balance affecting) transactions that were forwarded during the daily course of business. Only the following qualify as accountable transactions for this purpose: Receipts (DLMS IC 527R with 1/BR02 code D4); Issues (DLMS IC 867I); Inventory Adjustment-Increases (DLMS IC 947I with 2/W1916 code AJ); Inventory Adjustment-Decreases (DLMS IC 947I with 2/W1916 code AD); Inventory Adjustments-Dual (DLMS IC 947I with 2/W1916 code DU).

DD Distributor Inventory Report

DLMS Note:

Use to identify a Response to Physical Inventory Request Transaction (does not include asset balances). From distribution depot/storage activity to owner/manager. (MILSTRAP DIC DJA functionality when used as a response with Management Code R (no record of stock number or no record of ownership), S (physical inventory in workload bank or in process), or Y (response to follow-up when inventory already complete).

TC Physical Inventory Request

DLMS Note:

Use to identify a Physical Inventory Request Transaction. From owner/manager to initiate, follow up on, or cancel a physical inventory. From distribution depot/storage activity to initiate or cancel a physical inventory. (MILSTRAP DIC DJA functionality)

TF Transaction History Request

DLMS Note:

Use to identify a Transaction History Request Transaction. From owner/manager to distribution depot/storage activity. (MILSTRAP DIC DZJ functionality).

BIA03	127	Reference Identification	M	AN	1/30	Must use	1
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Federal Note: Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.

BIA04	373	Date	M	DT	8/8	Must use	1
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Description: Date expressed as CCYYMMDD

Federal Note: This date is the date of the transaction set preparation and corresponds to the Universal Time Coordinate (UTC).

DLMS Note: DLMS enhancement; see introductory DLMS note 4a.

BIA05	337	Time	O	TM	4/8	Used	1
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Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Federal Note: Express the originating activity's time of transaction set preparation in UTC.

DLMS Note: 1. Express time in a four-position (HHMM) format, except for CAV II. CAV II expresses time in an eight-position Format (HHMMSSDD).

2. DLMS enhancement; see introductory DLMS note 4a. Authorized for use with CAV II.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
BIA06	306	Action Code	O	ID	1/2	Used	0

Description: Code indicating type of action

Federal Note: Use any code.

DLMS Note: For DLMS use, only the following code is authorized.

CodeList Summary (Total Codes: 296, Included: 1)

Code Name

ND No Change

DLMS Note:

1. Authorized for intra-Navy use only for a Navy requirement; see introductory DLMS note 4e. Use in conjunction with BIA02 code 'B1'. Navy reporting activities use with end of day processing to advise Navy ICPs that no balance affecting transactions were submitted that day. (An ANSI data maintenance request has been prepared to establish a new data element 1270 code qualifier assignment for 'No Balance Affecting Transactions'. (Navy DIC BZA functionality. Refer to ADC 320)
2. Use other than as noted above is a DLMS enhancement. See introductory DLMS note 4a.

N1 Name

Pos: 80	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

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 this 1/N1/080 loop to identify the organization originating the transaction set.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1

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

Federal Note: Use any code.

DLMS Note: 1. Use only one of codes SB or Z4; or for intra-Navy use, Navy may use code FA as noted.

2. For DLMS use, only the following codes are authorized.

CodeList Summary (Total Codes: 1312, Included: 3)

Code Name

FA Facility

DLMS Note:

1. Authorized for intra-Navy use. Commercial Asset Visibility-Organic Repair Module (CAV-ORM) uses with 1/BIA01/20 Report Type Code B1, End of Day Transaction Count transactions, to identify an organic repair facility (e.g., shipyard or Fleet Readiness Center (FRC)). Authorized DLMS migration enhancement for intra-Navy use; see introductory DLMS note 4g. Refer to ADC 320.

2. Use other than as noted above is a DLMS enhancement. See introductory DLMS note 4a.

SB Storage Area

DLMS Note:

Use to indicate a depot or storage activity.

Z4 Owning Inventory Control Point

N103	66	Identification Code Qualifier	X	ID	1/2	Must use	1
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Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 215, Included: 4)

Code Name

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

DLMS Note:

DLMS enhancement; see introductory DLMS note 4a.

Code Name

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

DLMS Note:

DLMS enhancement; see introductory DLMS note 4a.

10 Department of Defense Activity Address Code (DODAAC)

DLMS Note:

DLMS enhancement; see introductory DLMS note 4a.

M4 Department of Defense Routing Identifier Code (RIC)

N104	67	Identification Code	X	AN	2/80	Must use	1
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Description: Code identifying a party or other code

N106	98	Entity Identifier Code	O	ID	2/3	Must use	1
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Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1312, Included: 1)

Code Name

FR Message From

Federal Note:

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

LIN Item Identification

Pos: 10	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 4

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.

DLMS Note:

1. Must use the 2/LIN/010 loop to identify the materiel, transaction number, and inventory information associated with the transaction.
2. For End of Day Transaction count (1/BIA02/20 code B1), repeat the LIN loop as needed to provide the transaction number and accountable transaction count information. Use one iteration to identify the number of different transaction "types" being reported. Use additional iterations as needed to provide transaction counts for the specific transaction types.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use	1

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Federal Note: Use any code.

DLMS Note: 1. For 1/BIA02/20 codes AD, DD, TC, and TF, use only one of codes A1, A2, A3, A4, FB, FS, MG, SW, YP, ZR or ZZ to identify the item of inventory. Must use National Stock Number (NSN) when known except when appropriate brand name subsistence items are identified by the subsistence Identification Number or when maintenance/industrial activity materiel is identified by Local Stock Number or Material Control Tracking (MCT) Tag Number.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		2. For 1/BIA02/20 code B1, only use ZZ.					
		3. For DLMS use only the following codes are authorized.					

CodeList Summary (Total Codes: 477, Included: 14)

Code Name

A1	Plant Equipment Number	<p>DLMS Note:</p> <p>1. Use to identify plant equipment.</p> <p>2. DLMS enhancement; See introductory DLMS note 4a.</p>
A2	Department of Defense Identification Code (DoDIC)	<p>DLMS Note:</p> <p>1. Use to identify ammunition items.</p> <p>2. Authorized migration enhancement for intra-Navy use only; see introductory DLMS note 4g. Refer to ADC 320.</p> <p>3. DLMS enhancement; see introductory DLMS note 4a.</p>
A3	Locally Assigned Control Number	<p>DLMS Note:</p> <p>1. Defense Medical Logistics Standard Support (DMLSS)/Theater Enterprise-Wide Logistics System (TEWLS) use to cite their Local Catalog Identification which can reference multiple prime vendor part numbers for a specific site.</p> <p>2. DLMS enhancement. See introductory DLMS note 4a.</p>
A4	Subsistence Identification Number	<p>DLMS Note:</p> <p>Use to identify subsistence items.</p>
F4	Series Identifier	<p>DLMS Note:</p> <p>1. Use to identify the manufacturer's series number of the end item.</p> <p>2. DLMS enhancement; See introductory DLMS note 4a.</p>
FB	Form Number	<p>DLMS Note:</p> <p>1. Use to identify the form stock number.</p> <p>2. DLMS enhancement; See introductory DLMS note 4a.</p>
FS	National Stock Number	
MG	Manufacturer's Part Number	<p>DLMS Note:</p> <p>Use to identify nonstandard materiel.</p>
MN	Model Number	<p>DLMS Note:</p> <p>1. Use to identify the manufacturer's model number of the end item.</p> <p>2. DLMS enhancement; See introductory DLMS note 4a.</p>
SN	Serial Number	<p>DLMS Note:</p> <p>1. Use to identify the manufacturer's serial number of the end item.</p> <p>2. DLMS enhancement; See introductory DLMS note 4a.</p>
SW	Stock Number	<p>DLMS Note:</p> <p>1. Use to identify the local stock number (LSN).</p>

Code Name

2. When used for a unit of use LSN applicable to NSN materiel, the applicable NSN will be included for cross-reference.

3. When used for a unit of use LSN applicable to part numbered items, the original part-numbered item LSN will also be included for cross-reference.

4. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381/Approved Addendum 381A.

YP Publication Number

DLMS Note:

1. Use to identify the publication stock number.
2. DLMS enhancement; See introductory DLMS note 4a.

ZR Service Control Identification

DLMS Note:

Use to identify Material Control Tracking (MCT) tag number. The MCT tag number is an authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.

ZZ Mutually Defined

DLMS Note:

1. Dual use:

For 1/BIA02/20 codes AD, DD, TC, and TF, use to identify nonstandard materiel when all other authorized codes do not apply or cannot be determined (includes management control numbers and locally assigned control numbers). May be used for DLSS-to-DLMS conversion when the translator cannot determine a more appropriate code.
2. For 1/BIA02/20 code B1 end of day accountable transaction count transactions, must use to comply with ANSI syntax requirements. Indicate ZZ in LIN03.

LIN03	234	Product/Service ID	M	AN	1/48	Must use	1
		Description: Identifying number for a product or service					

LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used	1
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					

CodeList Summary (Total Codes: 477, Included: 3)

Code Name

FS National Stock Number

DLMS Note:

1. Use to identify the NSN.
2. The NSN is provided as a cross-reference when unit of use indicator is included and the Local Stock Number (LSN) is identified as the primary materiel identification. Authorized DLMS enhancement under DLA industrial activity support agreement.

SW Stock Number

DLMS Note:

1. Use to identify the local stock number (LSN).
2. The LSN is provided as a cross-reference when unit of use indicator is included and the unit of use LSN is identified as the primary materiel identification. Authorized DLMS enhancement under DLA industrial activity support agreement.

ZB Commercial and Government Entity (CAGE) Code

DLMS Note:

Use with LIN02 code MG to uniquely identify a manufacturer's part number.

LIN05	234	Product/Service ID	X	AN	1/48	Used	1
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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>	<u>Rep</u>
		Description: Identifying number for a product or service					

DTM Date/Time Reference

Pos: 100	Max: 10
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used

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:

1. Use to convey dates associated with the transaction.
2. Do not use with End of Day Accountable Transaction Count transactions (1/BIA02/20 code B1).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use	1

Description: Code specifying type of date or time, or both date and time

Federal Note: Use any code.

DLMS Note: For DLMS, only the following codes are authorized.

CodeList Summary (Total Codes: 1112, Included: 4)

Code Name

090 Report Start

DLMS Note:

Use in transaction history requests to identify the transaction history reporting start date. (Report start date equates to MILSTRAP DIC DZJ rp 25-28 transaction history start date.)

091 Report End

DLMS Note:

Use in transaction history requests to identify the transaction history reporting end date. (Report end date is a date equivalent for MILSTRAP DIC DZJ rp 29-31 which is the total number of prior days transaction history required. Accordingly, the report end date will precede the report start date.)

097 Transaction Creation

DLMS Note:

Use to identify the date the transaction was prepared.

197 End

DLMS Note:

Use to identify the Physical Inventory Cutoff Date (PICD).

DTM02	373	Date	X	DT	8/8	Must use	1
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Description: Date expressed as CCYYMMDD

REF Reference Identification

Pos: 140	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:

1. Use to identify the transaction number.

2. For End of Day Accountable Transaction Counts (1/BIA02/20 code B1) use to cite the accountable transaction count information (except do not use to cite count information with intra-Navy BIA06 Action Code 'ND' which Navy uses to indicate no accountable transactions were submitted that day).

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

Federal Note: Use any code.

DLMS Note: For DLMS use, only the following code is authorized.

CodeList Summary (Total Codes: 1503, Included: 4)

Code Name

8X Transaction Category or Type

DLMS Note:

Use to identify the specific accountable transaction types for which transaction counts are being provided in 2/QTY/320 (i.e., receipt, issue, inventory adjustment increase, inventory adjustment decrease, inventory adjustment dual.)

For Receipts (DLMS IC 527R with 1/BR02 code D4); Issues (DLMS IC 867I); Inventory Adjustment-Increases (DLMS IC 947I with 2/W1916 code AJ); Inventory Adjustment-Decreases (DLMS IC 947I with 2/W1916 code AD); Inventory Adjustments-Dual (DLMS IC 947I with 2/W1916 code DU), cite the appropriate code in REF02 as follows:

For Receipts, cite 527R in REF02.

For Issues, cite 867I in REF02.

For Inventory Adjustment Increases, cite 947IAJ in REF02.

For Inventory Adjustment Decreases, cite 947IAD in REF02.

For Inventory Adjustments Dual, cite 947IDU in REF02.

For intra-Navy use, Navy also provides transaction counts for nonaccountable Asset Status Report transactions (DLMS IC 846I with BIA02 code TJ), cite 846I in REF02. Refer to ADC 320.

FI File Identifier

DLMS Note:

Use with 1/BIA02/20 code B1. Use to indicate that the number of different types of accountable transactions is being reported in 2/QTY01-02/320. Enter "1" in REF02 for this purpose.

L1 Letters or Notes

DLMS Note:

Code Name

For Intra-Navy use only, Navy uses to identify that End of Day Transaction Count transaction was generated by applications other than CAV II. Navy cites 'C' in REF02 to indicate non CAV II transactions. Navy uses with 1/BIA02/20 Code B1. Refer to ADC 320.

TN Transaction Reference Number

DLMS Note:

DLMS enhancement; See introductory DLMS note 4a.

REF02	127	Reference Identification	X	AN	1/30	Must use	1
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

LM Code Source Information

Pos: 260	Max: 1
Detail - Optional	
Loop: LM	Elements: 1

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

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

Federal Note:

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1

Description: Code identifying the agency assigning the code values

CodeList Summary (Total Codes: 176, Included: 1)

Code Name

DF Department of Defense (DoD)

LQ Industry Code

Pos: 270	Max: 100
Detail - Mandatory	
Loop: LM	Elements: 2

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Federal Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LQ01	1270	Code List Qualifier Code	O	ID	1/3	Must use	1

Description: Code identifying a specific industry code list

Federal Note: *Use any code.*

DLMS Note: *1. Use either code 99 or A1 (but not both), except for ammunition where both codes may be used. (Use of both codes for ammunition is a DLMS enhancement (see introductory*

DLMS note 4a).

2. For DLMS use, only the following codes are authorized.

CodeList Summary (Total Codes: 558, Included: 17)

Code Name

0 Document Identification Code

DLMS Note:

1. Future Streamlined data; see introductory DLMS note 4c.

2. The DLSS DIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the DIC in a full DLMS environment will be assessed at a future date.

78 Project Code

DLMS Note:

1. Enter the project code in LQ02 if stocks are segregated and maintained by project codes.

2. Future Streamlined data; see introductory DLMS note 4c.

83 Supply Condition Code

84 Management Code

DLMS Note:

Use in physical inventory request, physical inventory report/response, to provide supplemental management information.

87 Subsistence Type of Pack Code

DLMS Note:

Use in physical inventory request and physical inventory response transactions to further identify subsistence items.

99 Purpose Code

DLMS Note:

1. Enter the purpose code in LQ02 if stocks are segregated and maintained by purpose codes.

Code Name

A1 Ownership Code

DLMS Note:

1. Enter the ownership code in LQ02 if stocks are segregated and maintained by ownership codes.

A9 Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

2. Future streamlined data; see introductory DLMS note 4c.

AJ Utilization Code

DLMS Note:

1. Under DLSS, this is the first position of the document serial number.

2. DLMS enhancement; see introductory DLMS note 4a.

AK Distribution Code

DLMS Note:

1. Enter the distribution code in LQ02 if stocks are segregated and maintained by distribution codes.

2. Future Streamlined data; see introductory DLMS note 4c.

DF Media and Status Code

DLMS Note:

The DLMS provides the capability to carry additional status recipients beyond those identified by the DLSS. The Media and Status Code and the Distribution Code will be retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Additional status recipients identified here cannot be passed to DLSS users.

FC Type Physical Inventory or Transaction History Code

DLMS Note:

1. For Physical Inventory Request Transaction, Response to Physical Inventory Request Transaction, and Transaction History Request (1/BIA02/20 Report Type Codes TC, DD, and TF respectively), cite appropriate code.

2. For Response to Transaction History Request (No History Available) (BIA02 Report Type Code AD), code value 8 or 9 is required; in addition, a second iteration of qualifier FC is used to perpetuate the code which appeared on the Transaction History Request or cite code W or Y (DLA only) for automatic submission of transaction history. Refer to ADC 198 and ADC 393.

GQ Group Qualifier Code

DLMS Note:

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.

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.

COG Cognizance Symbol

DLMS Note:

Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

IMC Item Management Code

DLMS Note:

Use to identify the Item Management Code (IMC) for integrated material management. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

MCC Material Control Code

DLMS Note:

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

Code Name

SMI Special Material Identification Code

DLMS Note:

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

LQ02	1271	Industry Code	X	AN	1/30	Must use	1
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Description: Code indicating a code from a specific industry code list

QTY Quantity

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

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.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
QTY01	673	Quantity Qualifier	M	ID	2/2	Must use	1

Description: Code specifying the type of quantity

CodeList Summary (Total Codes: 832, Included: 4)

Code Name

02 Cumulative Quantity

DLMS Note:

For intra-Navy use only, Navy Commercial Asset Visibility (CAV) uses with 1/BIA02/20 code 'B1-End of Day Transaction Count', to identify the summary quantity for the transactions being reported. This equates to Navy DIC BZC, rp 7-11. Not used with intra-Navy BIA06 Action Code 'ND'. Refer to ADC 320.

46 Total transactions

DLMS Note:

Use with BIA02 code B1 End of Day Transaction Count and 2/REF01 code FI to indicate the total number of balance affecting transaction types being reported in this transaction. For the purpose of this transaction there are 5 possible transaction types for which end of day counts can be reported (receipts, issues, inventory adjustment increases, inventory adjustment decreases, and inventory adjustment dual.). Not used with intra-Navy BIA06 Action Code 'ND'.

TT Total Production Volume

DLMS Note:

Use with BIA02 code B1 End of Day Transaction Count to indicate the daily volume of balance affecting transactions applicable to the transaction category/type identified in 2/REF01/140 code 8X (e.g. if 36 receipt transactions are being reported, REF01 = 8X; REF02 = 527R; QTY01 = TT; QTY02 = 36.) Not used with intra-Navy BIA06 Action Code 'ND'.

UU Used

DLMS Note:

For BIA02 codes AD, DD, TC, DF, and BIA06 Action Code ND, use to comply with X12 syntax requirements. Cite "1" in QTY02. Do not use with BIA02 code B1 (except when B1 is used in conjunction with intra-Navy BIA06 Action Code 'ND').

QTY02	380	Quantity	X	R	1/15	Used	1
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Description: Numeric value of quantity

QTY03	C001	Composite Unit of Measure	O	Comp		Used	1
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Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

QTY03-01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use	1
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Description: Code specifying the units in which a value is being expressed, or

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		manner in which a measurement has been taken					
		Federal Note: <i>Use any code other than ZZ.</i>					
		DLMS Note: <i>DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i>					
		All valid standard codes are used. (Total Codes: 794)					

N1 Name

Pos: 450	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

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 this 2/N1/450 loop to identify the organization to receive the transaction.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1

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

Federal Note: Use any code.

DLMS Note: 1. Use one of codes SB or Z4.

2. For DLMS use, only the following codes are authorized.

CodeList Summary (Total Codes: 1312, Included: 2)

Code Name

SB Storage Area

DLMS Note:

Use to identify a depot or storage activity.

Z4 Owning Inventory Control Point

N103	66	Identification Code Qualifier	X	ID	1/2	Must use	1
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Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 215, Included: 4)

Code Name

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

DLMS Note:

DLMS enhancement; see introductory DLMS note 4a.

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

DLMS Note:

DLMS enhancement; see introductory DLMS note 4a.

10 Department of Defense Activity Address Code (DODAAC)

DLMS Note:

DLMS enhancement; see introductory DLMS note 4a.

M4 Department of Defense Routing Identifier Code (RIC)

N104	67	Identification Code	X	AN	2/80	Must use	1
		Description: Code identifying a party or other code					

N106	98	Entity Identifier Code	O	ID	2/3	Must use	1
		Description: Code identifying an organizational entity, a physical location, property or an individual					

CodeList Summary (Total Codes: 1312, Included: 1)

Code Name

TO Message To

Federal Note:
Must use with the appropriate 2/N101/450 code to indicate the organization cited in N104 is receiving the transaction.

SE Transaction Set Trailer

Pos: 20	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

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:

1. SE is the last segment of each transaction set.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use	1
		Description: Total number of segments included in a transaction set including ST and SE segments					
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
		Federal Note: <i>Cite the same number as the one cited in ST02.</i>					