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.

DLMS Note:

1a. Organizations use this transaction set to notify the distribution depot that ownership of stored wholesale assets has changed, to request asset information, and to report asset information. Use one occurrence of this transaction set to transmit a single or multiple transactions.

b. Losing Item Mangers (LIMs) use this transaction set to notify the distribution depot that ownership of stored wholesale assets has transferred to the Gaining Item Manger (GIM) and to request asset information. Distribution depots use this transaction set to report asset information to the LIM. This transaction encompasses the functionality of MILSTRAP Document Identifier Codes (DIC) DZC and DZD.

2. Use a single occurrence of this transaction set to exchange transactions between a single LIM and a single or multiple distribution depots, or between a single distribution depot and a single or multiple LIMs.

3. DLSS functionality allows for Service and Agency data in various RP(s). Data conveyed therein will require Service or Agency identification to Defense Logistics Management Standards and incorporation into the DLMS.

4. Users operating under the Defense Logistics Management Standards (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and the Transportation Mode of Shipment Conversion Table which can be found on the Defense Enterprise Data Standards Office (DEDSO) Web site at www.dla.mil/does/DLMS.

5. This DLMS Implementation Convention (IC) 846S 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 DEDSO 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 DEDSO 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 DEDSO for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.

d. Data elements which have an expanded files size above existing DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DEDSO prior to use.

e. Repetition of data using multiple iteration or loops is not compatible with existing DLSS capability. Although supported by 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 DEDSO prior to use.

f. Data associated with a DLMS enhancement authorized for implementation by modernized systems under DLMS migration. This data 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.

6. This DLMS IC incorporates the Proposed DLMS Change (PDC) and Approved DLMS Change (ADC) listed. PDCs/ADCs are available from the DEDSO Web site: http://www.dla.mil/HQ/InformationOperations/DLMS/eLibrary/Changes/processchanges/

- ADC 66, Revision of DS 846S, Logistics Reassignment Storage Transfer Order/Reply
- ADC 77, Air Force Unique Management Coding for Material Management Aggregation Code.
- ADC 151, Administrative Revisions to DLMS Supplement 846L, Logistics Asset Support and 846S, Logistics Reassignment Storage Transfer/Order/Reply (Supply)
- ADC 260, Revise DLMS and MILSTRAP to Support Intra-Army Logistics Reassignment (LR) Requirement, DLMS Supplement (DS) 846D and DS 846S LR Transactions (Supply/MILSTRAP)
- 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 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 August 07, 2015.
- ADC 1043C, Administrative Corrections for SLOA Data in the 810L Logistics Bill and other DLMS ICs
- Administrative Update to Reflect Realignment to Recognize DLMS Program Office Completed on January 06, 2017

- ADC 1232, Revision to DLMS 846D and 846S Logistics Reassignment Transactions to Support Government Furnished Property (GFP) Accountability during Logistics Reassignment between Air Force Contractor Inventory Control Points (CICP) and Air Force or DLA ICPs
- ADC 1254, Remove Unit of Measure Code Validation from DLMS XML Schemas
- Administrative Update to Reflect Realignment of DLMS Program Office to Enterprise Business Standards Office (EBSO) - Completed on August 09, 2018
- ADC 1367, Administrative Update to Convert Federal Notes to DLMS Notes within DLMS Implementation Conventions
- Administrative Update to Reflect Realignment of Enterprise Business Standards Office (EBSO) to Defense Enterprise Data Standards Office (DEDSO) - Completed on March 8, 2022
- ADC 1412, Replacement of Data Universal Numbering System Number with Unique Entity Identifier and Electronic Funds Transfer Indicator to Wide Area Workflow

Heading:

	Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	010	ST	Transaction Set Header	M	1			Must use
	020	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1			Must use
*	040	CUR	Currency	O	1			Not Used
*	050	DTM	Date/Time Reference	O	10			Not Used
*	060	REF	Reference Identification	O	12			Not Used
*	070	PER	Administrative Communications Contact	O	3			Not Used
*	075	MEA	Measurements	O	20			Not Used
LOOP ID - N1						**5**		
	080	N1	Name	O	1			Used
*	090	N2	Additional Name Information	O	2			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			Used
	150	LQ	Industry Code	M	100			Must use

Detail:

	Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - LIN						**10000**		
	010	LIN	Item Identification	M	1			Must use
*	030	PID	Product/Item Description	O	200			Not Used
*	040	MEA	Measurements	O	40			Not Used
*	050	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

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* LOOP ID - LM					**10**		
* 260	LM	Code Source Information	O	1			Not Used
* 270	LQ	Industry Code	M	100			Not Used
* LOOP ID - SLN					**1000**		
* 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
* LOOP ID - MAN					**100**		
* 312	MAN	Marks and Numbers	O	1			Not Used
* 314	MEA	Measurements	O	40			Not Used
LOOP ID - QTY					**99**		
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
* LOOP ID - SCH					**25**		
* 360	SCH	Line Item Schedule	O	1			Not Used
* 370	MEA	Measurements	O	25			Not Used
LOOP ID - LM					**>1**		
375	LM	Code Source Information	O	1			Used
376	LQ	Industry Code	M	100			Must use
* LOOP ID - LS					**1**		
* 380	LS	Loop Header	O	1			Not Used
* LOOP ID - REF					**>1**	**N2/390L**	
* 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
* LOOP ID - LM					**10**		
* 420	LM	Code Source Information	O	1			Not Used
* 430	LQ	Industry Code	M	100			Not Used
* 440	LE	Loop Trailer	M	1			Not Used
LOOP ID - N1					**200**		
450	N1	Name	O	1			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			Not Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* 010	CTT	Transaction Totals	O	1		N3/010	Not Used
020	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.

3/010   Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values

of the quantities (QTY02) of each QTY segment.

ST Transaction Set Header

Pos: 010	**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:

1. 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use	1

Description: Code uniquely identifying a Transaction Set

Code Name

846   Inventory Inquiry/Advice

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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

DLMS Note: *A unique number assigned by the originator of the transaction set, or the originator's application program.*

BIA Beginning Segment for Inventory Inquiry/Advice

Pos: 020	**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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

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.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA02	755	**Report Type Code**	M	ID	2/2	Must use	1

Description: Code indicating the title or contents of a document, report or supporting item

Code	Name
PK	Storage Information Inquiry

DLMS Note:

Use to identify a Logistics Reassignment (LR) Storage Information Order. (MILSTRAP DIC DZC functionality.)

Code	Name
TQ	Storage Information Advice

DLMS Note:

Use to identify an LR Storage Information Reply. (MILSTRAP DIC DZD functionality.)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA03	127	**Reference Identification**	M	AN	1/30	Must use	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA04	373	**Date**	M	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

DLMS Note: *1. This date is the date of transaction set preparation and corresponds to the Universal Time Coordinate (UTC).*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		2. Authorized DLMS enhancement; see introductory DLMS note 5f.					
BIA05	337	**Time**	O	TM	4/8	Used	1

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)

DLMS Note: *1. Express the originating activity's time of transaction set preparation in UTC.*

2. Express time in a four-position (HHMM) format.

3. Authorized DLMS enhancement; see introductory DLMS note 5f.

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

Description: Code indicating type of action

Code **Name**

FI   File

DLMS Note:

1. Authorized for Air Force contractor inventory control point (CICP) use to provide an image of the LR transfer/decapitalization transaction to the Air Force accountable property system record (APSR), only when CICP is providing the APSR an image of a transaction which the CICP received from an external system. There will be no 2/N106/450 code TO for this transaction image. Refer to ADC 1232.

2. Authorized for DAAS use when DAAS creates an image for the Air Force APSR, of a transaction which the Air Force CICP sent to a GIM or LIM. DAAS creates the image when CICP sends an 846D transaction to an external system other than the APSR and include 2/N101/450/ZD and 2/N106/450/PK. There will be no 2/N106/450 code TO for this transaction image. Refer to ADC 1232.

N1 Name

Pos: 080   **Max: 1**
Heading - Optional
Loop: N1   **Elements: 4**

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

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

Comments:

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

DLMS Note:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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

DLMS Note: *1. Use only one of code SB or ZN.*

2. The following codes are authorized.

Code	Name
SB	Storage Area

    DLMS Note:
    Use to identify a depot or other storage activity.

Code	Name
ZN	Losing Inventory Manager

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used	1

Description: Code designating the system/method of code structure used for Identification Code (67)

Code	Name
10	Department of Defense Activity Address Code (DODAAC)

    DLMS Note:
    DLMS enhancement; see introductory DLMS note 5a.

Code	Name
M4	Department of Defense Routing Identifier Code (RIC)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N104	67	**Identification Code**	X	AN	2/80	Used	1

Description: Code identifying a party or other code

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N106	98	**Entity Identifier Code**	O	ID	2/3	Used	1

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

Code	Name
FR	Message From

Code **Name**

DLMS Note:

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

LM   Code Source Information

Pos: 140	**Max: 1**
Heading - 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.

DLMS Note:

Must use this 1/LM/140 loop to identify coded information used in department or agency documentation.

Element Summary:

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

Description: Code identifying the agency assigning the code values

Code	Name
DF	Department of Defense (DoD)

LQ   Industry Code

Pos: 150	**Max: 100**
Heading - 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.

DLMS Note:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ01	1270	**Code List Qualifier Code**	O	ID	1/3	Used	1

Description: Code identifying a specific industry code list

DLMS Note: *The following codes are authorized.*

Code **Name**

0   Document Identification Code

DLMS Note:

1. Future Streamlined data; see introductory DLMS note 5c.

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.

A9   Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

2. During the DLSS/DLMS transition, this field will be used to perpetuate/populate the DLSS Supplemental Address (SUPAAD) field. During this time, field size is restricted to 6 positions; see introductory DLMS note 5d.

3. Expanded use of this field for supplemental data with out size restriction is a DLMS enhancement; see introductory DLMS note 5a.

4. Under full DLMS, the requirement to pass activity address information within the supplement data field will be streamlined. Activity address data previously contained in the SUPAAD will be reflected exclusively in the N1 segment. Future streamlined data; see introductory DLMS note 5c.

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 5a.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ02	1271	**Industry Code**	X	AN	1/30	Used	1

Description: Code indicating a code from a specific industry code list

LIN   Item Identification

Pos: 010	**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:

Must use the 2/LIN/010 loop to identify the National Stock Number (NSN), transaction number, and inventory information.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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)

DLMS Note: *The following codes are authorized.*

Code	Name
F4	Series Identifier

> **DLMS Note:**
> *Use to identify the manufacturer's series number of the end item.*

Code	Name
FS	National Stock Number
MG	Manufacturer's Part Number
MN	Model Number

> **DLMS Note:**
> *Use to identify the manufacturer's model number of the end item.*

Code	Name
SN	Serial Number

> **DLMS Note:**
> *Use to identify the manufacturer's serial number of the end item.*

| 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)

DLMS Note: *The following codes are authorized.*

Code **Name**

ZB   Commercial and Government Entity (CAGE) Code

DLMS Note:

Use with LIN02 to uniquely identify a manufacturers part number.

| LIN05 | 234 | **Product/Service ID** | X | AN | 1/48 | Used | 1 |

Description: Identifying number for a product or service

DTM Date/Time Reference

Pos: 100	**Max: 10**
Detail - Optional	
Loop: LIN	**Elements: 3**

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:

Use multiple repetitions of this segment to define unique dates associated with the transaction.

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

DLMS Note: *The following codes are authorized.*

Code	Name
007	Effective

DLMS Note:

Must use for LR storage information order transactions to identify the Effective Transfer Date (ETD); otherwise, do not use.

097	Transaction Creation

DLMS Note:

1. Use to identify the transaction preparation date. Correspond date to the Universal Time Coordinate (UTC).

2. Authorized DLMS enhancement; see introductory DLMS note 5f on IC cover page.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM02	373	**Date**	X	DT	8/8	Used	1

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM03	337	**Time**	X	TM	4/8	Used	1

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)

DLMS Note: *1. Use with Code 097 (Transaction Creation) to provide the time associated with the transaction preparation date.*

2. Express time in UTC using a four-position (HHMM) format.

3. Authorized DLMS enhancement; see introductory DLMS note 5f on IC cover page.

REF   Reference Identification

Pos: 140	**Max: >1**
Detail - Optional	
Loop: LIN	**Elements: 2**

User Option (Usage): Used

Purpose: To specify identifying information

Syntax Rules:

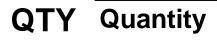1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

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

DLMS Note:

Must use at least one repetition to identify the document number. Use additional repetitions as needed.

Element Summary:

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

Description: Code qualifying the Reference Identification

DLMS Note: *The following codes are authorized.*

Code **Name**

6L   Agent Contract Number

> **DLMS Note:**
>
> *1. Air Force uses for Air Force GFP accountability transactions to identify the procurement instrument identifier (PIID) applicable to the contract authorizing Air Force CICP to have custody of GFP. Use the legacy procurement instrument identification number (PIIN) pending transition to the PIID.*
>
> *2. If GFP is authorized under a PIID call/order number (F in 9th position), provide the PIID call/order number in this field.*
>
> *3. Required for Air Force GFP accountability.*
>
> *4. Authorized DLMS enhancement. Refer to ADC 1232.*

DO   Delivery Order Number

> **DLMS Note:**
>
> *1. Use in conjunction with the PIIN (Code 6L) for GFP-related transactions to identify the legacy four position call/order number associated with the PIIN applicable to the contract authorizing the contractor to have custody of GFP.*
>
> *2. Do not use for the PIID call/order number. The PIID call/order number is mapped to Code 6L.*
>
> *3. Authorized DLMS enhancement. Refer to ADC 1232*

TN   Transaction Reference Number

> **DLMS Note:**
>
> *Use to identify the document number.*

W8   Suffix

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	X	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

QTY   Quantity

<table>
<tr><td>Pos: 320</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: QTY</td><td>Elements: 3</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify quantity information

Syntax Rules:

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

Semantics:

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

DLMS Note:

Use multiple iterations of the 2/QTY/320 loop when exchanging asset status information to stratify quantities by materiel classification.

Element Summary:

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

Description: Code specifying the type of quantity

DLMS Note: *The following codes are authorized.*

Code Name

RY   Requirement Quantity

DLMS Note:

Army uses for intra-Army LR in LR storage information order transactions, to identify quantity to be transferred to the SICA to fill open requirements. The distribution depot uses in LR storage information reply transactions to identify the quantity transferred to the Army SICA. Use of this data is meaningful to Army and DLA DSS only. For intra-Army LR under DLSS, this data is cited in multiuse rp 51-55 of MILSTRAP DIC DZC and DZD   Authorized Army/DLA DSS DLMS migration enhancement for use in intra-Army LR.

V1   Retention Quantity

DLMS Note:

Use to identify the retention quantity. For LR storage information order transactions this represents the quantity scheduled to be retained by the LIM. For LR storage information reply transactions this represents the quantity actually retained by the LIM. Do not use in reply transactions if no corresponding order transaction was received.

V2   Available Quantity

DLMS Note:

1. Use for LR storage information reply transactions to identify the quantity transferred to GIM ownership; otherwise, do not use. The quantity available for transfer is subject to the retention quantity cited in the LR storage information order.

2. To reverse all or part of a previously submitted LR storage information reply, use a minus sign in front of the quantity to be reversed.

V3   Transfer Quantity

DLMS Note:

Use for LR storage information order transactions to identify the quantity to be transferred to GIM ownership; otherwise, do not use. To reverse all or part of an LR storage information order, use a minus sign in front of the quantity to be reversed.

QTY02	380	**Quantity**	X	R	1/15	Used	1

Description: Numeric value of quantity

DLMS Note: *1. Express as a number with no decimals.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		2. A field size exceeding 5 positions (seven for FSG 13, ammunition) may not be received or understood by recipient's automated processing system. See introductory DLMS note 5d.					
QTY03	C001	**Composite Unit of Measure**	O	Comp		Used	1
		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
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
		DLMS Note: *1. Use to accommodate legacy system requirements.*					
		2. DLMS users see the DLMS Unit of Issue and Purchase Unit Conversion Table for available codes.					

LM Code Source Information

Pos: 375	**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.

DLMS Note:

Use the 2/LM/375 loop to identify coded information maintained in department or agency documentation.

Element Summary:

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

Description: Code identifying the agency assigning the code values

Code	Name
DF	Department of Defense (DoD)

LQ Industry Code

Pos: 376	**Max: 100**
Detail - Mandatory	
Loop: LM	**Elements: 2**

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

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

DLMS Note:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ01	1270	**Code List Qualifier Code**	O	ID	1/3	Used	1

Description: Code identifying a specific industry code list

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 5a.*

2. The following codes are authorized. (Use of both codes for ammunition is a DLMS enhancement (see introductory DLMS note 5a.)

Code	Name
78	Project Code
83	Supply Condition Code
84	Management Code
87	Subsistence Type of Pack Code

DLMS Note:

Use for subsistence items to identify subsistence type of pack information.

99	Purpose Code
A1	Ownership Code
A9	Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

2. During the DLSS/DLMS transition, this field will be used to perpetuate/populate the DLSS Supplemental Address (SUPAAD) field. During this time, field size is restricted to 6 positions; see introductory DLMS note 5d.

3. Expanded use of this field for supplemental data with out size restriction is a DLMS enhancement; see introductory DLMS note 5a.

4. Under full DLMS, the requirement to pass activity address information within the supplement data field will be streamlined. Activity address data previously contained in the SUPAAD will be reflected exclusively in the N1 segment. Future streamlined data; see introductory DLMS note 5c.

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 5a.

GQ	Group Qualifier Code

<u>**Code**</u> <u>**Name**</u>

DLMS Note:

Use to identify the 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.

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 | Used | 1 |

Description: Code indicating a code from a specific industry code list

N1 Name

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

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

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

Comments:

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

DLMS Note:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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

DLMS Note: *1. Use only one of codes SB or ZN.*

2. The following codes are authorized.

Code	Name
55	Service Manager

DLMS Note:

Army uses for intra-Army LR to identify the Secondary Inventory Control Activity (SICA) as an authorized user of the materiel. When there are less assets available than indicated in the LR storage information order, Army requires that the SICA quantity be filled prior to the Army GIM transfer quantity. Use of this data is meaningful to Army and DLA DSS only. Army cites data in multiuse rp 48-50 of MILSTRAP DIC DZC and DZD. Authorized Army/DLA DSS DLMS migration enhancement for intra-Army LR use.

A data maintenance action was approved in version 4030. The approved code/name is "SIC-Secondary Inventory Control Activity".

SB	Storage Area

DLMS Note:

Use to identify a depot or other storage activity.

ZD	Party to Receive Reports

DLMS Note:

Authorized for use for Air Force GFP accountability to identify the Air Force program manager in the accountable property system of record (APSR) when the contractor inventory control point (CICP) must report an image of this transaction to a separately maintained property system. Must identify the program manager by RIC (2/N103 qualifier M4). If the program manager DoDAAC does not have an assigned RIC, use the generic Air Force GFP APSR RIC with 2/N106=PK and use a second iteration of the N1 loop (repeating Code ZD without 2/N106=PK) to provide the program manager DoDAAC. Use in conjunction with N106 Code PK to provide an image of the transaction (image is identified by 1/BIA06/020 Action Code FI) to update the APSR associated with the CICP (identified in 1/N101/080). Refer to ADC 1232.

ZN	Losing Inventory Manager
ZP	Gaining Inventory Manager

DLMS Note:

		Code	Name					

Use only for LR storage ownership transfer order transactions to identify the GIM. Do not use when reversing a previously submitted transaction.

N103	66	**Identification Code Qualifier**	X	ID	1/2	Used	1

Description: Code designating the system/method of code structure used for Identification Code (67)

Code **Name**

10 Department of Defense Activity Address Code (DODAAC)

DLMS Note:

DLMS enhancement; see introductory DLMS note 5a.

M4 Department of Defense Routing Identifier Code (RIC)

N104	67	**Identification Code**	X	AN	2/80	Used	1

Description: Code identifying a party or other code

N106	98	**Entity Identifier Code**	O	ID	2/3	Used	1

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

Code **Name**

PK Party to Receive Copy

DLMS Note:

Authorized for Air Force GFP accountability use with N101Code ZD to provide an image of an LR Storage Information Order/Reply transaction to the APSR. Do not use N106 Code TO with Air Force CICP transaction image sent to the APSR.

TO Message To

DLMS Note:

Must use with 2/N101/450 codes SB or ZN to indicate the organization cited in N104 is to receive the transaction.

SE Transaction Set Trailer

Pos: 020	**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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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					
		DLMS Note: *Cite the same number as the one cited in ST02.*					