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:

1. Organizations use this transaction to provide inventory information from one location to another and to inquire as to the availability of inventory. Use one occurrence of this transaction set to transmit a single or multiple transactions.

a. Losing Item Managers (LIMs) use this transaction set to provide the Gaining Item Manager (GIM) with Logistics Reassignment (LR) transfer and decapitalization quantities. GIMs use this transaction set to inquire for LR transfer and decapitalization data when none was received. This transaction encompasses functionality of MILSTRAP Document Identifier Codes (DIC) DEE/DEF and DIC DLA.

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

3. DLSS functionality allows for Service or 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 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) 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. 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 Proposed DLMS Change (PDC) and Approved DLMS Change (ADC) listed. PDC/ADCs are available from the DEDSO Web site: http://www.dla.mil/HQ/InformationOperations/DLMS/eLibrary/Changes/processchanges/

- ADC 45, Use of Both Ownership Code and Purpose Code in DLMS for Ammunition
- ADC 77, Air Force Unique Management Coding for Material Management Aggregation Code
- ADC 125, DLA Unique Change to Logistics Reassignment (LR) Transfer/Decapitalization to Add Price Type Indicator to MILSTRAP DEE/DEF and to Add Contract Unit Price to DS 846D, and Administrative DS 846D Changes (Supply/Financial)
- ADC 221A, Revised Procedures associated with the DLMS Enhancement for Communication of Unit Price
- 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 July 29, 2015.
- ADC 1043C, Administrative Corrections for SLOA Data in the 810L Logistics Bill and other DLMS ICs
- ADC 1161A, Update Uniform Procurement Instrument Identifier (PIID) Numbering System in the Federal/DLMS Implementation Conventions and DLMS Manuals
- Administrative Update to Reflect Realignment to Recognize DLMS Program Office Completed on January 04, 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

- 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 2, 2022
- ADC 1412, Replacement of Data Universal Numbering System Number with Unique Entity Identifier and Electronic Funds Transfer Indicator to Wide Area Workflow
- ADC 1420, Other Transaction (OT) Agreements Instrument Type and Procurement Instrument Identifier (PIID) Construct (Supply/Contract Administration)

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			Not Used
*	150	LQ	Industry Code	M	100			Not Used

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			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			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			Used
270	LQ	Industry Code	M	100			Must use
* 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

CodeList Summary (Total Codes: 298, Included: 1)

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

CodeList Summary (Total Codes: 65, Included: 2)

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 actions 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

CodeList Summary (Total Codes: 522, Included: 2)

Code	Name
TK	Logistics Transfer Inquiry

> **DLMS Note:**
>
> *Use to identify an LR transfer/decapitalization inquiry. (MILSTRAP DIC DLA functionality.)*

Code	Name
TL	Logistics Transfer Advice

> **DLMS Note:**
>
> *Use to identify an LR transfer/decapitalization transaction. (MILSTRAP DIC DEE/DEF 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*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		Coordinate (UTC).					
		2. Authorized DLMS enhancement; see introductory DLMS note 5e.					
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 5e.

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

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

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 the CICP is providing the APSR an image of a transaction that 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 that 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 includes 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 codes ZN or ZP.*

2. The following codes are authorized.

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

Code	Name
ZN	Losing Inventory Manager

DLMS Note:

Use for LR transfer/decapitalization transactions to identify the losing inventory manager.

Code	Name
ZP	Gaining Inventory Manager

DLMS Note:

Use for LR transfer/decapitalization transactions to identify the gaining 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)

CodeList Summary (Total Codes: 215, Included: 2)

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

<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>
		organizational entity, a physical location, property or an individual					

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

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

FR   Message From

DLMS 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: 010	**Max: 1**
Detail - Mandatory	
Loop: LIN	**Elements: 2**

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 associated with logistics transfer/decapitalization data.

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)

CodeList Summary (Total Codes: 477, Included: 1)

Code	Name
FS	National Stock Number

DLMS Note:

Use in LR transfer/decapitalization transactions to identify the NSN.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use	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 as needed to define other 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

CodeList Summary (Total Codes: 1112, Included: 2)

Code	Name
007	Effective

DLMS Note:

Use to identify the Effective Transfer Date (ETD).

Code	Name
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 5e 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 5e on IC cover page.

CTP Pricing Information

Pos: 110	**Max: 25**
Detail - Optional	
Loop: LIN	**Elements: 2**

User Option (Usage): Used

Purpose: To specify pricing information

Syntax Rules:

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

Semantics:

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

Comments:

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

DLMS Note:

Must use with LR transfer/decapitalization transactions. Do not use with inquiries for LR transfer/decapitalization data.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CTP02	236	**Price Identifier Code**	X	ID	3/3	Used	1

Description: Code identifying pricing specification

DLMS Note: *The following codes are authorized.*

CodeList Summary (Total Codes: 164, Included: 2)

Code	Name
CON	Contract Price

DLMS Note:

Use to identify the contract unit price for intra-DLA transactions when applicable IAW DLA procedures. Data required to accommodate a Component–unique requirement.

STA	Standard Price

DLMS Note:

1. Use to cite the unit price in effect for valuing the inventory.

2. For transactions within a Service or Agency, this field may be left blank.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CTP03	212	**Unit Price**	X	R	1/17	Used	1

Description: Price per unit of product, service, commodity, etc.

DLMS Note: *1. Express the unit price in dollars and cents, including the decimal.*

2. DLMS transactions authorize an expanded unit price field size of 9 digits for dollars and 2 digits for cents. The decimal point is passed in the transaction. If conversion to MILS legacy format is required, unit prices exceeding the legacy field size constraint will not be perpetuated.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		Refer to ADC 221A.					

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 controlling document number for this transaction. 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.*

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

Code Name

43   Supporting Document Number

DLMS Note:

1. Must use to identify the document number from the associated receipt transaction when processing an LR transfer/decapitalization transaction for a nonprocurement source receipt processed after the ETD. Identifying the document number of the receipt establishes an audit trail between the receipt of the item and its subsequent transfer/decapitalization.

2. DLMS enhancement; see introductory DLMS note 5a.

6L   Agent Contract Number

DLMS Note:

1. The Air Force uses for Air Force GFP accountability transactions to identify the Procurement Instrument Identifier (PIID) applicable to the contract authorizing the 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 controlling document number for this transaction.

| 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

DLMS Note: *1. If REF01 equals TN enter current transaction number (document number) of the losing ICP using consecutive numbers for each different inventory record control balance.*

2. If REF01 equals 43 enter the appropriate supporting receipt transaction number (document number).

CS   Contract Summary

Pos: 240	**Max: 1**
Detail - Optional	
Loop: LIN	**Elements: 4**

User Option (Usage): Used

Purpose: To provide information about a contract

Syntax Rules:

1. P0405 - If either CS04 or CS05 is present, then the other is required.

Semantics:

1. CS09 is the permissible overage as a percentage of the total contract line item number (CLIN) quantity.
2. CS10 is the permissible shortage as a percentage of the total contract line item number (CLIN) quantity.
3. CS11 is the permissible overage dollar value specified by the contract above which discrepancy action is taken.
4. CS14 is the Unit of Measure stipulated in the contract.
5. CS15 is the contract line item number (CLIN) unit price specified in the contract.
6. CS17 conveys the Critical Application Indicator. A "Y" indicates that a Critical Application Indicator is specified in the contract; an "N" indicates that no Critical Application Indicator is specified in the contract.
7. CS18 conveys the Special Requirements Indicator. A "Y" indicates that a Special Requirements Indicator (requiring special testing and or evaluation) is specified in the contract; an "N" indicates that no Special Requirements Indicator is specified in the contract.

Comments:

1. CS04 may be used to identify the Contract Line Item Number (CLIN) or Extended (or Exhibit) Line Item Number (ELIN).
2. CS07 and CS13 can be used to indicate two different types of special services required.

DLMS Note:

1. Use for LR transfer/decapitalization transactions for items received from a procurement source by the LIM after the ETD, to establish an audit trail between the receipt and its subsequent transfer/decapitalization. The control number for this transaction is identified in the 2/REF/140 segment

2. Use of CS segment is a DLMS enhancement. See introductory DLMS note 5a.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CS01	367	**Contract Number**	O	AN	1/30	Used	1

Description: Contract number

DLMS Note: *Use to identify the procurement instrument identifier (PIID) of the associated receipt. Use the legacy procurement instrument identification number (PIIN) pending transition to the PIID. When procurement is authorized under a PIID call/order number (F in 9th position), provide the value in the PIID field. For Other Transaction (OT) agreements, the type of instrument (9th position of PIID) will be a 3 for Research OTs or 9 for Prototype and Production OTs. Refer to ADC 1161A or ADC 1420.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CS03	328	**Release Number**	O	AN	1/30	Used	1

Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

DLMS Note: *1. Use to identify the legacy four-position call/order number associated with the PIIN.*

2. Do not use for the PIID call/order number. The PIID call/order number is

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		mapped to CS01. Refer to ADC 1161A.					
CS04	128	**Reference Identification Qualifier**	X	ID	2/3	Used	1

Description: Code qualifying the Reference Identification

DLMS Note: *Cite the appropriate code from the associated receipt transaction when applicable.*

CodeList Summary (Total Codes: 1503, Included: 2)

Code Name

83   Extended (or Exhibit) Line Item Number (ELIN)

DLMS Note:

Use to identify the Exhibit Line Item Number (ELIN), or the ELIN including the Subexhibit Line Item Number (SUBELIN), as appropriate.

C7   Contract Line Item Number

DLMS Note:

Use to identify the Contract Line Item Number (CLIN), or the CLIN including the Subcontract Line Item Number (SUBCLIN), as appropriate.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CS05	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

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.

DLMS Note:

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

2. Use the 2/LM/260 loop in LR transfer/decapitalization inquiries or when reversing a previously submitted transaction to identify the type of transaction.

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

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.

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.*

CodeList Summary (Total Codes: 558, Included: 7)

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.

78	Project Code

DLMS Note:

Army uses to identify the Project Code associated with LR actions. Use of this data is meaningful to Army only. In MILS, Army cites data in multiuse rp 57-59 of MILSTRAP DIC DEE and DEF. DLMS enhancement authorized for Army use. Other Components not using this data should ensure that inclusion of this data in a DLMS transaction does not cause inappropriate rejection of the transaction. For other than Army use, see introductory DLMS note 5a.

80	Advice Code

DLMS Note:

1. Use when submitting a duplicate LR transfer/decapitalization transaction in response to an inquiry for LR transfer/decapitalization data.

2. DLMS enhancement. See introductory DLMS note 5a.

84	Management Code

DLMS Note:

Army uses for intra-Army LR to identify the Management Code associated with Logistics Reassignment actions. Use of this data is meaningful to Army only. Army cites data in multiuse rp 72 of MILSTRAP DIC DEE and DEF.   DLMS enhancement authorized for Army use. Other Components not using this data should ensure that inclusion of this data in a DLMS transaction does not cause inappropriate rejection of the transaction. For other than Army use, see introductory DLMS note 5a.

A9	Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

2. 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.

<u>Code</u>	<u>Name</u>
	2. DLMS enhancement; see introductory DLMS note 5a.
AK	Distribution Code
	DLMS Note:
	1. Use to identify the DLSS distribution code.
	2. Future Streamlined data; see introductory DLMS note 5c.

LQ02	1271	**Industry Code**	X	AN	1/30	Used	1

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.

DLMS Note:

1. Use multiple iterations of the 2/QTY/320 loop to stratify quantities by materiel classification.

2. Use only in LR transfer/decapitalization report transactions.

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: *To reverse all or part of an LR transfer/decapitalization transaction, use a minus sign in front of the quantity being reversed.*

CodeList Summary (Total Codes: 832, Included: 2)

Code	Name
78	Stock Transfers Out

DLMS Note:

Use to identify the quantity for an LR transfer transaction.

V3	Transfer Quantity

DLMS Note:

Use to identify the quantity for an LR decapitalization transaction.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY02	380	**Quantity**	X	R	1/15	Used	1

Description: Numeric value of quantity

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

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.

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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

<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>
		DLMS Note: *1. Use to accommodate legacy system requirements.*					
		2. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.					

DLMS Note: *1. Use to accommodate legacy system requirements.*

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

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

      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.

CodeList Summary (Total Codes: 558, Included: 11)

Code	Name
83	Supply Condition Code

   DLMS Note:
   Used by the gaining ICP.

| 87 | Subsistence Type of Pack Code |

   DLMS Note:
   1. Use for subsistence items to identify subsistence type of pack information.

   2. DLMS enhancement; see introductory DLMS note 5a.

| 99 | Purpose Code |

   DLMS Note:
   Used by the gaining ICP.

| A1 | Ownership Code |

   DLMS Note:
   Used by the gaining ICP.

| A9 | Supplemental Data |

   DLMS Note:
   1. Use to identify supplemental address/data.

   2. 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 |

   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

Code	Name

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:

1. Must use one iteration to identify the organization to receive the transaction.

2. Use to identify the storage location.

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 ZN or ZP.*

2. The following codes are authorized.

CodeList Summary (Total Codes: 1312, Included: 4)

Code	Name
LG	Location of Goods

DLMS Note:

Use for LR transfer/decapitalization transactions to identify the storage location of the materiel being logistically reassigned.

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

DLMS Note:

Use for LR transfer/decapitalization transactions to identify the losing inventory manager.

ZP	Gaining Inventory Manager

DLMS Note:

Use for LR transfer/decapitalization transactions to identify the gaining 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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		system/method of code structure used for Identification Code (67)					

CodeList Summary (Total Codes: 215, Included: 2)

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

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

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 Transfer/Decapitalization transaction to the APSR. Do not use N106 Code TO with the Air Force CICP transaction image sent to the APSR.*

Code	Name
TO	Message To

> **DLMS Note:**
> *Must use with 2/N101/450 code ZN or ZP to indicate the organization cited in N104 is receiving 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.*					