

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. *Distribution centers and storage activities use this transaction set to transmit location reconciliation transactions to owners and managers.*
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. *Distribution centers and storage activities use a single occurrence of this transaction set to transmit either location reconciliation request, location reconciliation notification, or location reconciliation history notification transactions to one owner/manager. This transaction encompasses the functionality of MILSTRAP Document Identifier Codes (DIC) DZH, DZN, DZP and NAVSUP P-724 BG1/BG2 serial/lot number reporting transactions.*
2. *Legacy MILSTRAP 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 Office and incorporation into the DLMS.*
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 <http://www.dla.mil/j-6/dlms>.*
4. *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 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 files 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 legacy MILSTRAP transactions.*
 - f. *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 transaction includes placeholders for DLMS enhancements to provide item unique identification (IUID) information pending development of DLMS procedures and overarching OSD Supply Policy. Refer to the item unique identification (IUID) web at URL: <http://www.acq.osd.mil/dpap/pdi/iuid/> for DoD policy. There is limited authorization to use IUID information to support Service ammunition systems as documented in IC.*

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

- PDC 1198, Establishing Visibility of Capital Equipment for Service Owned Assets Stored at DLA in Support of FIAR Compliance

- 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 136, Revision to DLMS Supplement (DS) 846R Location Reconciliation Request to Support Commodity-Unique (Mapping Product) Data and to Support MILSTRAP DZN/DZP functionality
- ADC 204, Revision to DS 846P and 846R to Support Requirements for Army Medical Material Agreement Inventory Records Management Process (Supply)
- ADC 212, Revise DS 846R Location Reconciliation Request to Accommodate MILSTRAP DZH Consecutive Transaction Number
- ADC 230, Administrative Updates to DLMS Supplement (DS) 846R, Location Reconciliation Request (Supply)
- ADC 283, Migrate Navy Serial Number and Lot Number Transactions (NAVSUP P-724 BG1/BG2) to DLMS 846R Location Reconciliation Request.
- 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)
- 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 436, Administrative Revisions to DLMS Supplements to Remove Obsolete Routing Identifier Code (RIC) "Streamline" Notes and Update MILSTRIP/DLMS Documentation Associated with Routing Identifiers
- ADC 441, Exception Rules to Accommodate Communication of Ammunition/Ammunition Related Quantities in Excess of Five Digits (Supply/MILSTRIP/ MILSTRAP) (Supply)
- ADC 445, Adopt Navy Serial Number and Lot Number Transactions (NAVSUP P-724 BG1/BG2) to Air Force and Marine Corps Ammunition System Use for DLMS 527R Receipt, 846R Location Reconciliation Request, 867I Issue, and 947I Inventory Adjustment (Supply)
- ADC 470, Revise DLMS Supplement (DS) 846R, Location Reconciliation Request in Support of Reutilization Business Integration (RBI) (Supply)
- ADC 1013, Intra-DLA Change: Disposal Turn In Document (DTID) Number Suffixing for DLMS 846C and 846R for use by DLA Disposition Services Under Reutilization Business Integration (RBI) (Supply)
- ADC 1019, Small Arms/Light Weapons (SA/LW) Local Stock Number (LSN) Assignment for use by DLA Disposition Services in DLMS 527R, 846C, 846R, and 947I, under RBI (Supply)
- Organizational Name and Other Non-Substantive (Administrative) Updates Completed on October 03, 2014.
- ADC 1043C, Administrative Corrections for SLOA Data in the 810L Logistics Bill and other DLMS ICs
- ADC 1136, Revise Unique Item Tracking (UIT) Procedures to support DODM 4140.01 UIT Policy and Clarify Requirements (Supply)

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> |
|---------------------|-----------|--|------------|----------------|---------------|--------------|--------------|
| 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 |
| 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 | | | Used |
| 300 | MEA | Measurements | O | 40 | | | Used |
| 310 | PKG | Marking, Packaging, Loading | O | 25 | | | Used |
| LOOP ID - MAN | | | | | 100 | | |
| 312 | MAN | Marks and Numbers | O | 1 | | | Used |
| 314 | MEA | Measurements | O | 40 | | | 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 | | | 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 | | | Used |
| LOOP ID - REF | | | | | >1 | N2/390L | |
| 390 | REF | Reference Identification | O | 1 | | N2/390 | Used |
| 400 | DTM | Date/Time Reference | O | >1 | | | Used |
| 410 | N1 | Name | O | 1 | | | Used |
| * LOOP ID - LM | | | | | 10 | | |

| <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> |
|-----------------------|-----------|---------------------------------------|------------|----------------|---------------|--------------|--------------|
| * 420 | LM | Code Source Information | O | 1 | | | Not Used |
| * 430 | LQ | Industry Code | M | 100 | | | Not Used |
| 440 | LE | Loop Trailer | M | 1 | | | Must use |
| * LOOP ID - N1 | | | | 200 | | | |
| * 450 | N1 | Name | O | 1 | | | Not Used |
| 460 | N2 | Additional Name Information | O | 2 | | | Used |
| 470 | N3 | Address Information | O | 2 | | | Used |
| 480 | N4 | Geographic Location | O | 1 | | | Used |
| 490 | REF | Reference Identification | O | 12 | | | Used |
| 500 | PER | Administrative Communications Contact | O | 3 | | | 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> |
|------------|-----------|-------------------------|------------|----------------|---------------|--------------|--------------|
| * 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).
2. 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 | | | | | | | |
| 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: 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.
4. BIA03 identifies the number of the inquiry/advice that is transferred.
5. BIA04 identifies the date of the inquiry/advice that is transferred.
6. 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.

- 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 |
|-------|-----|------------------|---|----|-----|----------|---|

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

Code Name

- LC Location Inventory Report

DLMS Note:

Use to identify a Location Reconciliation Request Transaction. From distribution center/storage activity to the owner/manger to reconcile storage activity and owner/manager records. (MILSTRAP DIC DZH functionality.)

- X4 Summary Report

DLMS Note:

Use to identify a Location Reconciliation Notification Transaction. Distribution center/storage activity sends to owner/manager to advise of the number of Location Reconciliation Request transactions being forwarded. (MILSTRAP DIC DZN functionality.)

- ZZ Mutually Defined

DLMS Note:

Use to identify a Location Reconciliation History Notification Transaction. Distribution center/storage activity sends to owner/manager to advise of the number of transaction history transactions being forwarded. (MILSTRAP DIC DZP functionality.) An ANSI data maintenance was approved in version

Code Name

5030. The approved code/name is "LN-Location Reconciliation History Notification".

| | | | | | | | |
|-------|-----|---------------------------------|---|----|------|----------|---|
| 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

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 |
|-------|-----|-------------|---|----|-----|----------|---|

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 |
|-------|-----|-------------|---|----|-----|------|---|

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

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

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

| | | | | | | | |
|-------|-----|--------------------|---|----|-----|------|---|
| BIA06 | 306 | Action Code | O | ID | 1/2 | Used | 1 |
|-------|-----|--------------------|---|----|-----|------|---|

Description: Code indicating type of action

Federal Note: Use any code.

DLMS Note: 1. Use to identify the type of location reconciliation.

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

Code Name

Z Mutually Defined

DLMS Note:

1. Use to identify that the transaction identified in BIA02 is associated with end-of-day processing.

2. An ANSI data maintenance was approved in version 5030. The approved code/name is "EO-End of Day Processing".

24 On-Hold

DLMS Note:

1. Use to identify that the transaction identified in BIA02 is associated with annual location reconciliation.

2. An ANSI data maintenance was approved in version 5030. The approved code/name is "AN-Annual

Code Name

Location Reconciliation

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. P0304 - If either N103 or N104 is present, then the other is required.
2. R0203 - At least one of N102 or N103 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.
3. 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.
4. N105 and N106 further define the type of entity in N101.

DLMS Note:

Must use this 1/N1/080 loop to identify the organization originating and receiving 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 KA or OW.

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

Code Name

KA Item Manager

DLMS Note:

Use to identify the Integrated Material Manager (IMM) for the materiel reported.

OW Owner of Property or Unit

DLMS Note:

Use to identify the owner of the materiel reported.

SB Storage Area

DLMS Note:

Must use to identify the depot or storage activity.

| | | | | | | | |
|------|----|--------------------------------------|---|----|-----|------|---|
| 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

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:

Code Name

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 | 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

FR Message From

Federal Note:

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

TO Message To

Federal Note:

Must use with the 1/N101/080 codes KA or OW to indicate the organization cited in 1/N104/080 is receiving 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.
2. LM02 identifies the applicable industry code list source information.

Federal Note:

Must use this 1/LM/140 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

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.

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 | Used | 1 |

Description: Code identifying a specific industry code list

Federal Note: *Use any code.*

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

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.
3. In a mixed DLSS-DLMS environment, when including BG1/BG2 data for Inter-Service Ammunition interface, must use 2 iterations of LQ to provide DIC DZH as well as either DIC BG1 or BG2 as applicable, to alert DAAS of BG1/ BG2 requirement for non-DLMS Ammunition system trading partners: Naval Operational Logistics Support Center (NOLSC) Ordnance Information System-Wholesale (OIS-W), Program Manager for Ammunition, Marine Corps Systems Command (MARCORSYSCOM) Ordnance Information System-Marine Corps (OIS-M), and Warner Robins Air Logistics Center Combat Ammunition System (CAS).

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.

| | | | | | | | |
|------|------|----------------------|---|----|------|------|---|
| 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: 5 |

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
2. 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.
3. See the Data Dictionary for a complete list of IDs.
4. 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.

Federal Note:

Must use the 2/LIN/010 loop to identify the materiel, transaction number, and inventory information associated with 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> |
|--|-----------|-------------------------------------|------------|-------------|----------------|--------------|------------|
| LIN01 | 350 | Assigned Identification | O | AN | 1/20 | Used | 1 |
| <p>Description: Alphanumeric characters assigned for differentiation within a transaction set</p> <p>Federal Note: Use to identify the count of location reconciliation transactions. In the first 2/LIN/010 loop iteration, cite the numeric 1. In each subsequent loop iteration, increase incrementally by one.</p> | | | | | | | |
| LIN02 | 235 | Product/Service ID Qualifier | M | ID | 2/2 | Must use | 1 |
| <p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>Federal Note: Use any code.</p> <p>DLMS Note: 1. For 1/BIA02/020 code LC,</p> | | | | | | | |

| <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> |
|------------|-----------|---|------------|-------------|----------------|--------------|------------|
| | | <p><i>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.</i></p> <p><i>2. For 1/BIA02/020 codes X4 and ZZ, only use LIN02 code ZZ.</i></p> <p><i>3. For DLMS use only the following codes are authorized.</i></p> | | | | | |
| | | Code Name | | | | | |
| A1 | | Plant Equipment Number | | | | | |
| | | DLMS Note: | | | | | |
| | | 1. Use to identify plant equipment. | | | | | |
| | | 2. DLMS enhancement. See introductory DLMS note 4a. | | | | | |
| A2 | | Department of Defense Identification Code (DoDIC) | | | | | |
| | | DLMS Note: | | | | | |
| | | 1. Use to identify ammunition items. | | | | | |
| | | 2. DLMS enhancement. See introductory DLMS note 4a. | | | | | |
| A3 | | Locally Assigned Control Number | | | | | |
| | | DLMS Note: | | | | | |
| | | 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. | | | | | |
| | | 2. DLMS enhancement. See introductory DLMS note 4a. | | | | | |
| A4 | | Subsistence Identification Number | | | | | |
| | | DLMS Note: | | | | | |
| | | Use to identify subsistence items. | | | | | |
| F4 | | Series Identifier | | | | | |
| | | DLMS Note: | | | | | |
| | | 1. Use to identify the manufacturer's series number of the end item. | | | | | |
| | | 2. DLMS enhancement. See introductory DLMS note 4a. | | | | | |
| FB | | Form Number | | | | | |
| | | DLMS Note: | | | | | |
| | | 1. Use to identify the form stock number. | | | | | |
| | | 2. DLMS enhancement. See introductory DLMS note 4a. | | | | | |
| FS | | National Stock Number | | | | | |
| MG | | Manufacturer's Part Number | | | | | |
| | | DLMS Note: | | | | | |
| | | Use to identify nonstandard materiel. | | | | | |
| MN | | Model Number | | | | | |
| | | DLMS Note: | | | | | |
| | | 1. Use to identify the manufacturer's model number of the end item. | | | | | |
| | | 2. DLMS enhancement. See introductory DLMS note 4a. | | | | | |
| SN | | Serial Number | | | | | |
| | | DLMS Note: | | | | | |

Code Name

1. Use to identify the manufacturer's serial number of the end item.
2. DLMS enhancement. See introductory DLMS note 4a.

SW Stock Number

DLMS Note:

1. Use to identify the local stock number (LSN).
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 DLMS introductory note 4a.

ZR Service Control Identification

DLMS Note:

Use to identify Materiel 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. For 1/BIA02/20 code LC (Location Reconciliation Request), 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 Location Reconciliation Request transactions, use when a management control number (MCN) is provided. This includes the MCN assigned by the DoD small arms/light weapons (SA/LW) Registry for the DoD SA/LW Serialization Program, IAW DLM 4000.25, DLMS, Volume 2.
3. For 1/BIA02/20 codes X4 (Location Reconciliation Notification) and ZZ (Location Reconciliation History Notification), 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)

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

Code Name

industrial activity support agreement.

3. DLA Disposition Services uses with Location Reconciliation Request transactions, for confiscated or captured foreign weapons, to identify the disposition LSN in addition to the SA/LW MCN cited in LIN02/LIN03 by qualifier ZZ. Authorized DLMS enhancement for DLA Disposition Services. DLA Disposition Services requires the disposition LSN for internal DLA processing only. Refer to ADC 1019.

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 |
|-------|-----|---------------------------|---|----|------|------|---|

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. C0403 - If DTM04 is present, then DTM03 is required.
2. P0506 - If either DTM05 or DTM06 is present, then the other is required.
3. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

Federal Note:

Must use 2/DTM/100 to identify dates associated with 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> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|------------|
| 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

Code Name

152 Effective Date of Change

DLMS Note:

Use in DLA DDMA location reconciliation requests to identify the cyclical map product effective date. Each DLA DDMA location reconciliation request should include either an edition date (used in conjunction with 2/REF01/040 edition number) or a map effective date, but not both.

171 Revision

DLMS Note:

Use in DLA DDMA location reconciliation requests to identify the map edition date. Each DLA DDMA location reconciliation request should include either an edition date (used in conjunction with 2/REF01/140 edition number) or a product effective date, but not both.

600 As Of

DLMS Note:

Must use to identify the close of business date (e.g., mutually agreed upon cutoff date) associated with the location reconciliation.

| | | | | | | | |
|-------|-----|------|---|----|-----|----------|---|
| DTM02 | 373 | Date | X | DT | 8/8 | Must use | 1 |
|-------|-----|------|---|----|-----|----------|---|

Description: Date expressed as CCYYMMDD

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

REF Reference Identification

| | |
|-------------------|-------------|
| Pos: 140 | Max: >1 |
| Detail - Optional | |
| Loop: LIN | Elements: 3 |

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

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

Federal Note: Use any code.

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

Code Name

6G Map Number

DLMS Note:

Use in DLA map location reconciliation requests to identify the map edition number. Component unique enhancement.

FJ Line Item Control Number

DLMS Note:

Used in a mixed DLSS/DLMS environment to provide the information conveyed by MILSTRAP DIC DZH, rp 60-66 'consecutive transaction number'. This is a consecutive number, beginning with 1 in the first transaction, to identify each transaction in the reconciliation. Used when each 846R is limited to being the equivalent of a single MILSTRAP DZH location reconciliation request. Future streamlined data; see introductory DLMS note 4c. See ADC 212.

TN Transaction Reference Number

DLMS Note:

1. Use to identify the document number.
2. For Disposition Services, use to provide the Disposal Turn-In Document (DTID) Number.
3. For other than DLA Disposition Services, use of the document number with location reconciliation transactions, is a DLMS enhancement and procedures for use must be developed. See introductory DLMS note 4a.

| | | | | | | | |
|-------|-----|--------------------------|---|----|------|------|---|
| 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: DLMS users enter the lot/segment number of the segment transactions being reconciled; otherwise, leave blank.

| | | | | | | | |
|-------|------|----------------------|---|------|--|------|---|
| REF04 | C040 | Reference Identifier | O | Comp | | Used | 1 |
|-------|------|----------------------|---|------|--|------|---|

Description: To identify one or more reference numbers or identification numbers as specified by the Reference

| <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> |
|------------|-----------|--|------------|-------------|----------------|--------------|------------|
| REF04-01 | 128 | <p>Qualifier</p> <p>Reference Identification Qualifier</p> <p>Description: Code qualifying the Reference Identification</p> <p>Federal Note: <i>Use any code.</i></p> <p>DLMS Note: <i>For DLMS use, only the following codes are authorized.</i></p> <p>Code Name</p> <p>W8 Suffix</p> <p>DLMS Note:</p> <ol style="list-style-type: none"> 1. Use with REF01 code TN to identify the document number suffix. 2. Disposition Services uses to provide the DTID number suffix, when applicable, with Location Reconciliation Request transactions (1/BIA02/20 Report Type Code LC) and Location Reconciliation Notification transactions (1/BIA02/20 Report Type Code X4). 3. For other than DLA Disposition Services, use of document number suffix with location reconciliation transactions is a DLMS enhancement and procedures for use must be developed. See introductory DLMS note 4a. | M | ID | 2/3 | Must use | 1 |
| REF04-02 | 127 | <p>Reference Identification</p> <p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> | M | AN | 1/30 | Must use | 1 |

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.
2. 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

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:

| <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 | Used | 1 |

Description: Code identifying a specific industry code list

Federal Note: *Use any code.*

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

Code Name

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.*

EQ Controlled Inventory Item Code

DLMS Note:

Use to identify the controlled inventory item code associated with the reported materiel.

FD Demilitarization Code

DLMS Note:

Authorized DLMS enhancement for use by DLA Disposition Services only. Refer to ADC 470.

FE Shelf Life Code

DLMS Note:

Use to identify the shelf-life code associated with the reported materiel.

FH Type of Location Reconciliation Request

DLMS Note:

Data to be removed from transaction in future version. The type of location reconciliation (annual or end-of-day) should be conveyed by 1/BIA06/020.

| | | | | | | | |
|------|------|----------------------|---|----|------|----------|---|
| LQ02 | 1271 | Industry Code | X | AN | 1/30 | Must use | 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. E0204 - Only one of QTY02 or QTY04 may be present.
2. R0204 - At least one of QTY02 or QTY04 is required.

Semantics:

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

Federal Note:

Use multiple iterations of the 2/QTY/320 loop to stratify the on hand quantity by materiel classification.

DLMS Note:

DLMS enhancement; see introductory DLMS note 4a.

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 | | | | | | | |
| Code Name | | | | | | | |
| 17 Quantity on Hand | | | | | | | |
| DLMS Note: | | | | | | | |
| Use to identify custodial record balance. | | | | | | | |
| 46 Total transactions | | | | | | | |
| DLMS Note: | | | | | | | |
| Must use with location reconciliation notification transactions (1/BIA02/020 codes X4 and ZZ) to indicate the number of history or location reconciliation request transactions submitted. | | | | | | | |
| QTY02 | 380 | Quantity | X | R | 1/15 | Used | 1 |
| Description: Numeric value of quantity | | | | | | | |
| Federal Note: Express as a whole number with no decimals. | | | | | | | |
| DLMS Note: Quantity field size in the Location Reconciliation Request Transaction is 10 positions. Corresponding MILSTRAP DZH transaction provides for a 10 position quantity field. | | | | | | | |
| 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: DLMS users see the Unit of | | | | | | | |

| <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> |
|------------|-----------|--|------------|-------------|----------------|--------------|------------|
| | | <i>Issue and Purchase Unit Conversion Table for available codes.</i> | | | | | |
| | | All valid standard codes are used. | | | | | |

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

Federal Note:

Use this 2/LM/375 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

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.

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 | Used | 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

Code Name

83 Supply Condition Code

87 Subsistence Type of Pack Code

DLMS Note:

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

99 Purpose Code

DLMS Note:

Use when assets are segregated physically or on storage activity records by purpose code.

A1 Ownership Code

Federal Note:

Use when assets are segregated physically or on storage activity records by ownership code.

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.

GQ Group Qualifier Code

DLMS Note:

Use to identify the Materiel 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.

Code Name

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

LS Loop Header

| | |
|--------------------------|--------------------|
| Pos: 380 | Max: 1 |
| Detail - Optional | |
| Loop: LS | Elements: 1 |

User Option (Usage): Used

Purpose: To indicate that the next segment begins a loop

Semantics:

1. One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.
2. One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Comments:

1. See Figures Appendix for an explanation of the use of the LS and LE segments.
2. See Figures Appendix for an explanation of the use of the LS and LE segments.

Federal Note:

Use as needed in each 2/QTY/320 loop to prevent a syntax error in the use of the 2/REF/390 loop.

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> |
|------------|-----------|-----------------------------|------------|-------------|----------------|--------------|------------|
| LS01 | 447 | Loop Identifier Code | M | AN | 1/6 | Must use | 1 |

Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE

Federal Note: Cite REF to indicate the 2/REF/390 loop.

REF Reference Identification

| | |
|--------------------------|--------------------|
| Pos: 390 | Max: 1 |
| Detail - Optional | |
| Loop: REF | Elements: 4 |

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

DLMS Note:

1. At this time, the 2/REF/390 loop is not authorized for use to provide item unique identification (IUID) or Unique Item Tracking (UIT) information, except for Service Ammunition systems and in support of FIAR compliance for capital equipment.
2. Authorized for use with location reconciliation request transactions to support Service Ammunition systems (i.e., Naval Operational Logistics Support Center (NOLSC) Ordnance Information System – Wholesale (OIS-W) requirement; Program Manager for Ammunition, Marine Corps Systems Command (MARCORSYSCOM) Ordnance Information System-Marine Corps (OIS-M); and Warner Robins Air Logistics Center Combat Ammunition System (CAS). See introductory DLMS notes 4a and 4e. Refer to ADC 283 and ADC 445.
3. Capital equipment candidates require serialization data visibility. Prepare location reconciliation transactions using the serial number and include the UII when available. Refer to PDC 1198.
4. Must use 2/REF/390 loop in Location Reconciliation Request transactions when authorized for including unique item identifier (UII), serial number, and/or batch/lot number.
5. This transaction will support item identification based upon the UII or the serial number, and provides flexibility to accommodate tracking by UII or serial number. This transaction also provides for use of a batch/lot number when applicable.
6. The 2/REF/390 loop is repeated for each item to be identified by UII, serial number or batch/lot number.
7. If UII and serial number, and/or batch/lot number are required for the item, enter the UII in REF01, and enter the serial number and/or batch/lot number in REF04. If UII is not used, enter the serial number in REF01 and enter the batch/lot number in REF04. If only batch/lot number is required, enter the batch/lot number in REF01.
8. The entire 2/REF/390 loop is a DLMS enhancement. See introductory DLMS note 4a.

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 codes are authorized.

Code Name

BT Batch Number

DLMS Note:

1. Use to identify the manufacturer's batch/lot number or other number identifying the production run when UII and/or serial number are not required. If UII and/or serial number are required in addition to the batch/lot number, enter the batch/lot number in REF04. The batch/lot number may not exceed 20 characters in accordance with IUID policy.
2. DLMS enhancement. See introductory DLMS note 4a.
3. Supports Inter-Service Ammunition BG1/BG2 data requirement. See introductory DLMS note 4.e. When used with Ammunition BG1/BG2 transactions, this qualifier implies that the transaction is a BG2 (Lot Number Controlled Item Transaction). Refer to ADC 283 and ADC 445.

Code Name

SE Serial Number

DLMS Note:

1. Use to identify the serial number when U11 is not required. If U11 is required in addition to the serial number, enter serial number in REF04.
2. DLMS enhancement. See introductory DLMS note 4a.
3. Supports Inter-Service Ammunition BG1/BG2 data requirement. See introductory DLMS note 4.e. When used with Ammunition BG1/BG2 transactions, this qualifier implies that the transaction is a BG1 (Serial Number or Lot and Serial Number Controlled Item Transaction). Refer to ADC 283 and ADC 445.

U3 Unique Supplier Identification Number (USIN)

DLMS Note:

1. Use to identify the U11 Place U11 value in REF03. The U11 may not exceed 50 characters in accordance with IUID Policy. An ANSI data maintenance was approved in version 5020. The approved code/name is "U11-Department of Defense Unique Item Identifier".
2. Authorized DLMS migration enhancement. See DLMS introductory note 4f.
3. In a mixed DLSS/DLMS environment, U11 is not used in Ammunition BG1/BG2 transactions. Only authorized values for Ammunition BG1/BG2 are BT and SE.

| | | | | | | | |
|---|------|---|---|------|------|----------|---|
| REF02 | 127 | Reference Identification | X | AN | 1/30 | Used | 1 |
| <p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>DLMS Note: For use with REF01 codes BT and SE.</p> | | | | | | | |
| REF03 | 352 | Description | X | AN | 1/80 | Used | 1 |
| <p>Description: A free-form description to clarify the related data elements and their content</p> <p>DLMS Note: Use to indicate U11 value when REF01=U3.</p> | | | | | | | |
| REF04 | C040 | Reference Identifier | O | Comp | | Used | 1 |
| <p>Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</p> | | | | | | | |
| REF04-01 | 128 | Reference Identification Qualifier | M | ID | 2/3 | Must use | 1 |
| <p>Description: Code qualifying the Reference Identification</p> <p>Federal Note: Use any code.</p> <p>DLMS Note: For DLMS use, only the following codes are authorized.</p> | | | | | | | |

Code Name

BT Batch Number

DLMS Note:

1. Use to identify the manufacturer's batch/lot number or other number identifying the production run, when U11 or serial number is entered in REF01, and batch/lot is the only other identifying number in 2/REF/390. The batch/lot number may not exceed 20 characters in accordance with IUID policy.
2. Supports Inter-Service Ammunition DIC BG1/BG2 data requirement. See introductory DLMS note 4.e. When used with Ammunition BG1/BG2 transactions, this qualifier implies that the transaction is a BG1 (Serial Number or Lot and Serial Number Controlled Item Transaction). Refer to ADC 283 and ADC 445.

Code Name

SE Serial Number

DLMS Note:

1. Use to identify the serial number when UII is entered in REF01 and serial number is also used.
2. Not used in Ammunition BG1/BG2 transactions. For BG1/BG2 requirement, SE qualifier is only used in the REF01 segment.

| | | | | | | | |
|----------|-----|---------------------------------|---|----|------|----------|---|
| REF04-02 | 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

| | | | | | | | |
|----------|-----|---|---|----|-----|------|---|
| REF04-03 | 128 | Reference Identification Qualifier | X | ID | 2/3 | Used | 1 |
|----------|-----|---|---|----|-----|------|---|

Description: Code qualifying the Reference Identification

Federal Note: Use any code.

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

Code Name

ON Attached To

DLMS Note:

Authorized DLMS enhancement for Inter-Service Ammunition use, when REF01 = BT, to identify the Lot Size for the lot number identified in REF02. Supports Ammunition DIC BG1/BG2, rp 25-29. See introductory DLMS note 4.e. Refer to ADC 283 and ADC 445.

BT Batch Number

DLMS Note:

1. Use to identify the manufacturer's batch/lot number or other number identifying the production run when UII is entered in REF01 and serial number is entered in REF04-01. The batch/lot number may not exceed 20 characters in accordance with IUID policy.
2. Not used with Ammunition DIC BG1/BG2 transactions. For BG1/BG2 requirement, BT qualifier is only used in the REF01 and REF04/C00401 segments.

| | | | | | | | |
|----------|-----|---------------------------------|---|----|------|------|---|
| REF04-04 | 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

DTM Date/Time Reference

| | |
|-------------------|-------------|
| Pos: 400 | Max: >1 |
| Detail - Optional | |
| Loop: REF | Elements: 2 |

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Syntax Rules:

1. C0403 - If DTM04 is present, then DTM03 is required.
2. P0506 - If either DTM05 or DTM06 is present, then the other is required.
3. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

DLMS Note:

Use multiple repetitions as needed to identify dates related to data represented 2/REF/390.

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> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|------------|
| 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 use, only the following codes are authorized.

Code Name

036 Expiration

DLMS Note:

Authorized DLMS enhancement for Inter-Service Ammunition use to identify the expiration date of the reported item. DLMS Component unique enhancement (DIC BG1/BG2, rp 9-11). See DLMS Introductory note 4.e. Refer to ADC 283 and ADC 445.

302 Maintenance

DLMS Note:

Use to identify the maintenance due date (the date that maintenance is due on the item). Authorized DLMS enhancement for Inter-Service Ammunition use. DLMS Component unique enhancement (DIC BG1/BG2, rp 9-11). See introductory note 4.e. Refer to ADC 283 and ADC 445.

| | | | | | | | |
|-------|-----|------|---|----|-----|------|---|
| DTM02 | 373 | Date | X | DT | 8/8 | Used | 1 |
|-------|-----|------|---|----|-----|------|---|

Description: Date expressed as CCYYMMDD

N1 Name

| | |
|--------------------------|--------------------|
| Pos: 410 | Max: 1 |
| Detail - Optional | |
| Loop: REF | Elements: 3 |

User Option (Usage): Used

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

Syntax Rules:

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

Use to identify the manufacturer of the UIT item.

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 |
| <p>Description: Code identifying an organizational entity, a physical location, property or an individual</p> <p>Federal Note: <i>Use any code.</i></p> <p>DLMS Note: <i>For DLMS use, only the following codes are authorized.</i></p> <p>Code Name MF Manufacturer of Goods</p> | | | | | | | |
| N103 | 66 | Identification Code Qualifier | X | ID | 1/2 | Used | 1 |
| <p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>Federal Note: <i>Use any code.</i></p> <p>DLMS Note: <i>For DLMS use, only the following codes are authorized.</i></p> <p>Code Name 33 Commercial and Government Entity (CAGE)</p> | | | | | | | |
| N104 | 67 | Identification Code | X | AN | 2/80 | Used | 1 |
| <p>Description: Code identifying a party or other code</p> | | | | | | | |

LE Loop Trailer

| | |
|---------------------------|--------------------|
| Pos: 440 | Max: 1 |
| Detail - Mandatory | |
| Loop: LS | Elements: 1 |

User Option (Usage): Must use

Purpose: To indicate that the loop immediately preceding this segment is complete

Semantics:

1. One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.
2. One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Comments:

1. See Figures Appendix for an explanation of the use of the LE and LS segments.
2. See Figures Appendix for an explanation of the use of the LE and LS segments.

Federal Note:

Use in each 2/QTY/320 loop to terminate any 2/REF/390 loop iterations.

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> |
|------------|-----------|-----------------------------|------------|-------------|----------------|--------------|------------|
| LE01 | 447 | Loop Identifier Code | M | AN | 1/6 | Must use | 1 |

Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE

Federal Note: Repeat the content of 2/LS/380

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:

| <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> | | | | | |