140 Product Registration

Functional Group=WA

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Registration Transaction Set (140) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to specify the manufacturer, seller, secondary warranter, and purchaser or lessee of the product. It can specify the date the product was sold, delivered, and placed in service as well as identify the product model and serial numbers. It can specify the class of service expected from this individual sale, for example: industrial, commercial, or household. This registration information can be used to divide sales commissions among sales associates or attribute license fees to the proper manufacturer. It can be used to submit many product registrations at one time to one receiving organization.

DLMS Note:

1. Organizations use this transaction set to report events regarding the custody or status of small arms, inquire into the custody or status of small arms, reconcile small arms data records, reject small arms reconciliation reports, follow up on unacknowledged rejections, and respond to rejections of small arms reconciliation reports. Use a single occurrence of this transaction set to transmit single or multiple transactions of the same type. As well as, transmit small arms and light weapons information to one or more organizations. This transaction encompasses the functionality of MILSTRAP Small Arms and light weapons specific Document Identifier Codes (DIC)DSC, DSD, DSF, DSM, and DSR.

2. 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.

3. 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. Legacy MILSTRAP data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed MILSTRAP/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 legacy MILSTRAP capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DEDSO prior to use.

e. Repetition of data (using multiple iterations or loops) which is not compatible with existing legacy MILSTRAP capability. Although supported by the use of the ANSI X12 standard, such data is not compatible with legacy MILSTRAP/DLMS conversion and may not be supported by the recipient's automated processing system. Components must coordinate implementation of enhanced capability with DEDSO prior to use.

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

4. This transaction may be used to provide item unique identification (IUID) information in accordance with DLMS procedures and OSD Supply Policy. Refer to the item unique identification (IUID) web at URL: http://www.acq.osd.mil/dpap/pdi/uid/ for DoD policy.

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

- ADC 77, Air Force Unique Management Coding for Materiel Management Aggregation Code (MMAC)
- ADC 147, Revise DLMS Supplement (DS) 140A, Small Arms Reporting to Reflect Serial Number and Other Administrative Changes
- ADC 171, Inclusion of Data Supporting Unique Identification (UID) of Items in DLMS Supplement 140A Small Arms Reporting (Supply/UID)
- ADC 220, Approved Defense Logistics Management System (DLMS) Change (ADC) 220 in Two Parts, Part I: Revise Definitions for Small Arms to Address Light Weapons, and Part II: Visibility and Traceability of Captured, Confiscated or Abandoned Enemy Small Arms and Light Weapons
- ADC 249, Administrative Updates to DLMS 140A, 846A, and 846F to Include Updates for Batch/Lot and Unique Item Identifier (UII) Field Length Limitations
- 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 February 07, 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)
- Administrative Update to Reflect Realignment to Recognize DLMS Program Office - Completed on December 12, 2016
- Administrative Update to Reflect Realignment of DLMS Program Office to Enterprise Business Standards Office (EBSO) - Completed on

August 10, 2018
- ADC 1349, Revision to DLMS 846P and DLMS 140A for Air Force Government Furnished Property – Accountability
- ADC 1367, Administrative Update to Convert Federal Notes to DLMS Notes within DLMS Implementation Conventions (MFR)
- Administrative Update to Reflect Realignment of Enterprise Business Standards Office (EBSO) to Defense Enterprise Data Standards Office (DEDSO) - Completed on January 26, 2022
- ADC 1412, Replacement of Data Universal Numbering System Number with Unique Entity Identifier and Electronic Funds Transfer Indicator to Wide Area Workflow

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
10	ST	Transaction Set Header	M	1			Must use
20	BGN	Beginning Segment	M	1		N1/20	Must use
LOOP ID - N1					**3**	**N1/40L**	
40	N1	Name	M	1		N1/40	Must use
90	PER	Administrative Communications Contact	O	2			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - LX					**>1**	**N2/10L**	
10	LX	Assigned Number	M	1		N2/10	Must use
15	REF	Reference Identification	O	>1		N2/15	Used
LOOP ID - N1					**>1**	**N2/20L**	
20	N1	Name	M	1		N2/20	Must use
LOOP ID - LM					**>1**		
86	LM	Code Source Information	O	1			Used
87	LQ	Industry Code	M	100			Must use
LOOP ID - LIN					**>1**	**N2/90L**	
90	LIN	Item Identification	M	1		N2/90	Must use
120	DTM	Date/Time Reference	O	>1		N2/120	Used
130	REF	Reference Identification	O	>1		N2/130	Used
LOOP ID - N1					**>1**	**N2/140L**	
140	N1	Name	O	1		N2/140	Used
LOOP ID - LM					**>1**		
450	LM	Code Source Information	O	1			Used
460	LQ	Industry Code	M	100			Must use
470	SE	Transaction Set Trailer	M	1			Must use

Notes:

1/20   BGN02 is used as the initial reference identifier for this transaction. BGN03 defines the date of this registration transaction. Normally BGN04 and BGN05 would not be used in this transaction. BGN01 is normally set to 00 to indicate that this is an original registration. Product registration is normally a by-product of a sale.

1/40L   The N1 loop defines the party submitting the product registration, usually the seller of the product rather than the customer, and the party who maintains the registration database, usually the manufacturer of the product. The N1 loop also can be used to specify the product's distributor.

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2/10L   Each iteration of the LX loop is used to group one or more products that are being registered to one individual or organization.

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2/15   The REF segment is used to identify the individual registration number. It can include the data element 128, code value Q8, "Registration Number."

2/20L   The N1 loop is used to identify the individual or organization responsible for the registration. This could be the purchaser, the lessee, the operator, etc. This is the party registered to be notified if a product recall is required. Successive iterations could identify other individuals and organizations who are involved in some manner. It also could be used to specify if the product is to be installed or housed at a location that is different than that listed for the registration.An additional use of the N1 loop has been requested to be able to include the salesperson who sold the product or service contract and the service manager who would be

responsible for servicing the product.

2/20   The N1 loop is used to identify the individual or organization responsible for the registration. This could be the purchaser, the lessee, the operator, etc. This is the party registered to be notified if a product recall is required. Successive iterations could identify other individuals and organizations who are involved in some manner. It also could be used to specify if the product is to be installed or housed at a location that is different than that listed for the registration.An additional use of the N1 loop has been requested to be able to include the salesperson who sold the product or service contract and the service manager who would be responsible for servicing the product.

2/90L   There is a separate LIN segment for each product included in this sale represented by the single iteration of the LX loop. The LIN segment will contain the product's model number and serial number in data element 234-235 combinations. The other pairs can be used to provide other information about the product.

2/90   There is a separate LIN segment for each product included in this sale represented by the single iteration of the LX loop. The LIN segment will contain the product's model number and serial number in data element 234-235 combinations. The other pairs can be used to provide other information about the product.

2/120   The DTM segment in the LIN loop can be used to specify the dates that are significant to the registration such as delivery, installation, placed in service, failed, brought in for service, etc.

2/130   The REF segment can identify information about the product that was not able to be coded in the preceding segments. For example, it can be used to specify the warranty coverage code and the warranty registration number.

2/140L   The N1 loop within the LIN loop provides the same capabilities for the single product as the N1 loop above in the LX loop provides for the entire sale.

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ST Transaction Set Header

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

User Option (Usage): Must use

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

Semantics:

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
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

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

Code	Name
140	Product Registration

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

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.*

BGN Beginning Segment

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

User Option (Usage): Must use

Purpose: To indicate the beginning of a transaction set

Syntax Rules:

1. C0504 - If BGN05 is present, then BGN04 is required.

Semantics:

1. BGN02 is the transaction set reference number.
2. BGN03 is the transaction set date.
3. BGN04 is the transaction set time.
4. BGN05 is the transaction set time qualifier.
5. BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BGN01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

DLMS Note: *The following codes are authorized.*

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 transaction do not process as action documents which affect accountable records.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BGN02	127	**Reference Identification**	M	AN	1/30	Must use

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
BGN03	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

DLMS Note: *This date corresponds to the Universal Time Coordinate (UTC).*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BGN04	337	**Time**	X	TM	4/8	Must use

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 in UTC.*

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BGN07	640	**Transaction Type Code**	O	ID	2/2	Must use

Description: Code specifying the type of transaction

CodeList Summary (Total Codes: 446, Included: 2)

Code Name

W4   Weapons Control Report

> **DLMS Note:**
>
> *1. Use when the transaction set contains a SA/LW Control Reporting Transaction. Used for registration and reporting of SA/LW between Component Registries, and between Component Registries and the DoD Registry. (MILSTRAP DIC DSM functionality.)*
>
> *2. Use with BGN08, Action Code T, when the transaction set contains a SA/LW Receipt/Shipment Follow-up transaction. Used for follow up by the Component Registries to confirm serial number of weapon(s) reported as shipped for which no receipt was confirmed, or weapon(s) received for which no shipment was reported. (MILSTRAP DIC DSD functionality.)*

W5   Weapons Control Report Reconciliation

> **DLMS Note:**
>
> *1. Use when the transaction set contains an original SA/LW Reconciliation transaction. Used for annual reconciliation between all units/activities having possession or accountability of SA/LW, and the Component registry. (MILSTRAP DIC DSR functionality when DSR is used as a reconciliation transaction.)*
>
> *2. Use with BGN08 Action Code U when the transaction set contains a SA/LW Reject transaction. Used to reject invalid/incomplete SA/LW transactions. (MILSTRAP DIC DSR functionality when DSR is used as a reject.)*
>
> *3. Use with BGN08 Action Code T when the transaction set contains a SA/LW Reconciliation/Reject Follow-up transaction. Used to notify a unit/activity that rejected transaction or reconciliation transaction has not been received. (MILSTRAP DIC DSF functionality.)*
>
> *4. Use with BGN08 Action Code AC, when the transaction set contains a SA/LW Correction. Used to correct a rejected SA/LW transaction or missing SA/LW reconciliation transaction on the Component Registry. (MILSTRAP DIC DSC functionality.)*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BGN08	306	**Action Code**	O	ID	1/2	Used

Description: Code indicating type of action

CodeList Summary (Total Codes: 296, Included: 3)

Code Name

T   Status Query

> **DLMS Note:**
>
> *1. Use in conjunction with BGN07, code W4, when the transaction set contains a SA/LW Receipt/Shipment Follow-up. (MILSTRAP DIC DSD functionality.)*
>
> *2. Use in conjunction with BGN07, code W5, when the transaction set contains a SA/LW Reconciliation/Reject Follow-up. (MILSTRAP DIC DSF functionality.)*

U   Reject

> **DLMS Note:**
>
> *Use in conjunction with BGN07 code W5 when the transaction set contains a SA/LW Reject transaction. (MILSTRAP DIC DSR functionality when DSR is used as a reject.)*

AC   Acknowledge

> **DLMS Note:**
>
> *Use in conjunction with BGN07 code W5, when the transaction contains a SA/LW Correction transaction. (MILSTRAP DIC DSC functionality.)*

N1   Name

Pos: 40   **Max: 1**
Heading - Mandatory
Loop: N1   **Elements: 4**

User Option (Usage): Must use

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

Syntax Rules:

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

Comments:

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

DLMS Note:

Must use one 1/N1/040 loop to identify the organization originating the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

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

DLMS Note: *The following codes are authorized.*

CodeList Summary (Total Codes: 1312, Included: 5)

Code	Name
B6	Registering Parent Party

DLMS Note:

Use to identify the central registry.

Code	Name
KK	Registering Party

DLMS Note:

Use to identify the component registry.

Code	Name
RL	Reporting Location

DLMS Note:

Use to identify the reporting activity.

Code	Name
SF	Ship From

DLMS Note:

Use in SA/LW control reporting of receipt to identify the activity which shipped SA/LW.

Code	Name
ST	Ship To

DLMS Note:

Use in SA/LW control reporting of shipment or SA/LW receipt/shipment follow-up to identify the ship-to organization.

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

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

CodeList Summary (Total Codes: 215, Included: 3)

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

DLMS Note:

Used to identify the DODAAC. Army only may also use the DODAAC qualifier when citing a Unit Identification Code (UIC) when a DODAAC is not assigned.

	Code	Name
	M4	Department of Defense Routing Identifier Code (RIC)
	UR	Uniform Resource Locator (URL)

DLMS Note:

DLMS enhancement; see introductory DLMS note 3a.

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

Description: Code identifying a party or other code

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

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

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

Code	Name
FR	Message From

DLMS Note:

Must use one iteration with appropriate 1/N101/040 code to indicate the organization cited in N104 originating the transaction set.

PER   Administrative Communications Contact

Pos: 90	**Max:** 2
Heading - Optional	
Loop: N1	**Elements:** 8

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

DLMS Note:

1. Use only under exceptional circumstances when requiring direct communication with the party originating the transaction set.

2. Use to identify a POC and multiple communication numbers. When using multiple repetitions to identify different communication numbers for a single POC, repeat the name cited in PER02.

3. This segment is a DLMS enhancement. See introductory DLMS note 3a.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 230, Included: 1)

Code	Name
IC	Information Contact

> **DLMS Note:**
> *Must use in the first repetition to identify the primary point of contact.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER02	93	**Name**	O	AN	1/60	Must use

Description: Free-form name

DLMS Note: *Provide the last name, first name, middle initial, and rate/rank/title, as required, of the individual named as POC. Include blank spaces between name components and periods after initials. Do not include NMN or NM1 when a middle initial is not available.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Must use

Description: Code identifying the type of communication number

DLMS Note: *1. Use to identify the preferred method of communications in PER03/04. Use PER05/06 and PER07/08 to identify additional communications numbers. Use additional repetitions of the PER segment to identify more than three communications numbers.*

2. Do not include blank spaces or dashes between numbers.

CodeList Summary (Total Codes: 40, Included: 7)

Code	Name
AU	Defense Switched Network
EM	Electronic Mail

Code	Name
FX	Facsimile
IT	International Telephone

> **DLMS Note:**
> *Include country and city code.*

Code	Name
TE	Telephone
TL	Telex
TX	TWX

PER04	364	**Communication Number**	X	AN	1/80	Must use

Description: Complete communications number including country or area code when applicable

PER05	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number

DLMS Note: *1. Use to identify an alternate, or secondary, communications number which can be used to contact the entity identified in PER01.*

2. Do not include blank spaces or dashes between numbers.

CodeList Summary (Total Codes: 40, Included: 8)

Code	Name
AU	Defense Switched Network
EM	Electronic Mail
EX	Telephone Extension

> **DLMS Note:**
> *Use immediately following code AU, IT, or TE to identify telephone extension.*

Code	Name
FX	Facsimile
IT	International Telephone

> **DLMS Note:**
> *Include country and city code.*

Code	Name
TE	Telephone
TL	Telex
TX	TWX

PER06	364	**Communication Number**	X	AN	1/80	Used

Description: Complete communications number including country or area code when applicable

PER07	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number

DLMS Note: *1. Use to identify an alternate, or secondary, communications number which can be used to contact the entity identified in PER01.*

2. Do not include blank spaces or dashes between numbers.

CodeList Summary (Total Codes: 40, Included: 8)

Code	Name
AU	Defense Switched Network
EM	Electronic Mail
EX	Telephone Extension

		<u>Code</u>	<u>Name</u>				
			DLMS Note:				
			Use immediately following code AU, IT, or TE to identify telephone extension.				
		FX	Facsimile				
		IT	International Telephone				
			DLMS Note:				
			Include country and city code.				
		TE	Telephone				
		TL	Telex				
		TX	TWX				
PER08	364		**Communication Number**	X	AN	1/80	Used

Description: Complete communications number including country or area code when applicable

LX Assigned Number

Pos: 10	**Max: 1**
Detail - Mandatory	
Loop: LX	**Elements: 1**

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

DLMS Note:

Must use as a counter to identify the number of 2/LX/010 loop iterations in the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LX01	554	**Assigned Number**	M	N0	1/6	Must use

Description: Number assigned for differentiation within a transaction set

DLMS Note: *In the first 2/LX/010 loop iteration cite numeric 1. In each subsequent loop iteration increase incrementally by 1.*

REF   Reference Identification

Pos: 15	**Max:** >1
	Detail - Optional
Loop: LX	**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.

DLMS Note:

Must use to identify the transaction number and suffix associated with the transaction.

Element Summary:

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

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
TN	Transaction Reference Number

> **DLMS Note:**
> *Use to identify the transaction number. This is also known as the document number.*

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

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF04	C040	**Reference Identifier**	O	Comp		Used

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF04-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
W8	Suffix

> **DLMS Note:**
> *Use with code TN to identify the transaction number suffix.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF04-02	127	**Reference Identification**	M	AN	1/30	Must use

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

N1   Name

Pos: 20   Max: 1
Detail - Mandatory
Loop: N1   Elements: 4

User Option (Usage): Must use

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

Syntax Rules:

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

Comments:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

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

DLMS Note: *The following codes are authorized.*

CodeList Summary (Total Codes: 1312, Included: 6)

Code	Name
B6	Registering Parent Party

> **DLMS Note:**
> *Use to identify the central registry.*

KK	Registering Party

> **DLMS Note:**
> *Use to identify the component registry.*

QD	Responsible Party

> **DLMS Note:**
> *Use to identify the accountable organization responsible for the small arms. Identify the organization that last possessed the small arms when transmitting small arms reports of shipment. Identify the new accountable organization when changing or correcting the accountable activity.*

RL	Reporting Location

> **DLMS Note:**
> *Use to identify reporting activity when different from accountable activity.*

SF	Ship From

> **DLMS Note:**
> *Use in small arms reports of receipt to identify the activity which shipped small arms.*

ST	Ship To

> **DLMS Note:**
> *Use in small arms reports of shipment or inquiries about small arms reports of shipment to identify the ship-to organization.*

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

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

CodeList Summary (Total Codes: 215, Included: 3)

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

> **DLMS Note:**

Code	Name
	Used to identify the DODAAC. Army only may also use the DODAAC qualifier when citing a Unit Identification Code (UIC) when a DODAAC is not assigned.
M4	Department of Defense Routing Identifier Code (RIC)
UR	Uniform Resource Locator (URL)

DLMS Note:

DLMS enhancement; see introductory DLMS note 3a.

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

Description: Code identifying a party or other code

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

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

DLMS Note: *The following codes are authorized.*

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

Code	Name
TO	Message To

DLMS Note:

Use with the appropriate 2/N101/020 codes to indicate the organizations cited in N104 are receiving the transaction.

LM Code Source Information

<table>
<tr><td>Pos: 86</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: LM</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

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

DLMS Note:

Must use the 2/LM/086 loop to identify coded information maintained in department or agency documentation.

Element Summary:

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

Description: Code identifying the agency assigning the code values

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

Code	Name
DF	Department of Defense (DoD)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LM02	822	**Source Subqualifier**	O	AN	1/15	Used

Description: A reference that indicates the table or text maintained by the Source Qualifier

LQ Industry Code

Pos: 87	**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 consistent with management information requirements.

Element Summary:

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

Description: Code identifying a specific industry code list

DLMS Note: *The following codes are authorized.*

CodeList Summary (Total Codes: 558, Included: 10)

Code	Name
0	Document Identification Code

DLMS Note:

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

2. Future streamlined data; see introductory DLMS note 3c.

A9	Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

2. During the legacy MILSTRAP/DLMS transition, this field will be used to perpetuate/populate the MILSTRAP Supplemental Address (SUPAAD) field. During this time, field size is restricted to 6 positions; see introductory DLMS note 3d.

3. Expanded use of this field for supplemental data without size restriction is a DLMS enhancement; see introductory DLMS note 3a.

4. Under full DLMS, the requirement to pass activity address information within the supplemental data field will be streamlined. Activity address data previously contained in the SUPAAD will be reflected exclusively in the N1 segment. Future streamlined data; see introductory DLMS note 3c.

AJ	Utilization Code

DLMS Note:

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

2. DLMS enhancement; see introductory DLMS note 3a.

EW	Small Arms Error Transaction Reject Code
EX	Small Arms Transaction Code
GQ	Group Qualifier Code

DLMS Note:

1. Use to identify the MMAC for NSNs to be managed by a specific manager (i.e., system, program, aggregation, selected FSC, technology group). This is an Air Force-unique data element, meaningful to the Air Force only. Non-Air Force Components perpetuate without action, when available.

A data maintenance action was approved in version 5010. The approved code/name is "MAC-Materiel Management Aggregation code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.

Code	Name
	2. DLMS enhancement.
COG	Cognizance Symbol

DLMS Note:

1. 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, when available.

2. DLMS enhancement.

IMC	Item Management Code

DLMS Note:

1. 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, when available.

2. DLMS enhancement.

MCC	Material Control Code

DLMS Note:

1. 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, when available.

2. DLMS enhancement.

SMI	Special Material Identification Code

DLMS Note:

1. 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, when available.

2. DLMS enhancement.

LQ02	1271	**Industry Code**	X	AN	1/30	Must use

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

LIN   Item Identification

Pos: 90	**Max:** 1
Detail - Mandatory	
Loop: LIN	**Elements:** 4

User Option (Usage): Must use

Purpose: To specify basic item identification data

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

DLMS Note:

Must use this 2/LIN/090 loop to identify unique identification information.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use

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

DLMS Note: *1. Use only one of codes A3, AN, FS, or MG to identify the small arms item. Must use National Stock Number (NSN) when known.*

2. The following codes are authorized.

CodeList Summary (Total Codes: 477, Included: 7)

Code	Name
A3	Locally Assigned Control Number

DLMS Note:

Use to identify the local control number (LCN).

AN	Asset Number

DLMS Note:

Use to identify the management control number (MCN).

F4	Series Identifier

DLMS Note:

1. Use to identify the manufacturer's series number of the end item.

		Code	Name

2. DLMS enhancement; see introductory DLMS note 3a.

FS   National Stock Number

MG   Manufacturer's Part Number

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 3a.

SN   Serial Number

DLMS Note:

1. Use to identify the manufacturer's serial number of the end item.

2. DLMS enhancement; see introductory DLMS note 3a.

LIN03	234	**Product/Service ID**	M	AN	1/48	Must use

Description: Identifying number for a product or service

LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

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**

ZB   Commercial and Government Entity (CAGE) Code

DLMS Note:

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

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

Description: Identifying number for a product or service

DTM Date/Time Reference

Pos: 120	**Max: >1**
Detail - Optional	
Loop: LIN	**Elements: 2**

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Syntax Rules:

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

DLMS Note:

Use to identify dates associated with small arms shipment and receipt inquiries.

Element Summary:

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

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

DLMS Note: *The following codes are authorized.*

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

Code	Name
011	Shipped

DLMS Note:

Use to indicate the SA/LW shipment date.

050	Received

DLMS Note:

Use to indicate the SA/LW receipt date.

097	Transaction Creation

DLMS Note:

Use to indicate the date of transaction preparation.

598	Rejected

DLMS Note:

Use to indicate the date of transaction rejection.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	X	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

REF   Reference Identification

Pos: 130	**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.

DLMS Note:

1. Use to provide Item Unique Identification (IUID) information for the purpose of Unique Item Tracking (UIT).

2. Must use at least one repetition of the 2/REF01/130 segment for SA/LW Reporting transactions to provide SA/LW serial numbers or Unique Item Identifiers (UII).

3. This segment supports item identification based upon the UII or the serial number.

Element Summary:

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

Description: Code qualifying the Reference Identification

DLMS Note: *The following codes are authorized.*

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

Code	Name
SE	Serial Number

DLMS Note:

Use to identify the serial number (when code U3 is not used). Use this qualifier for unique item tracking based upon the serial number.

U3	Unique Supplier Identification Number (USIN)

DLMS Note:

1. Use to identify the UII. Place UII value in REF03. The UII may not exceed 50 characters in accordance with IUID Policy. An ANSI data maintenance was approved in version 5020. The approved code/name is "UII-Department of Defense Unique Item Identifier".

2. DLMS enhancement. See introductory DLMS note 3a.

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

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

DLMS Note: *Use to indicate the serial number when REF01=SE.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF03	352	**Description**	X	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

DLMS Note: *Use to indicate UII value when REF01=U3.*

N1 Name

Pos: 140 Max: 1
Detail - Optional
Loop: N1 Elements: 3

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. Use to identify the SA/LW manufacturer if duplicate serial numbers are assigned to the same item identified in 2/LIN/090.

2. DLMS enhancement. See introductory DLMS note 3a.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual
DLMS Note: *The following codes are authorized.*

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

Code	Name
MF	Manufacturer of Goods

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

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

CodeList Summary (Total Codes: 215, Included: 1)

Code	Name
33	Commercial and Government Entity (CAGE)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/80	Must use

Description: Code identifying a party or other code

LM Code Source Information

<table>
<tr><td>Pos: 450</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: LM</td><td>Elements: 1</td></tr>
</table>

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 to identify coded information maintained in department agency documentation.

2. Use the 2/LM/450 loop for reject reports and resubmissions, but only when the reject code varies among UIIs or serial numbers reported for the small arms item.

3. Use only one iteration of the 2/LM/450 loop for each iteration of the 2/LIN/090 loop.

Element Summary:

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

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: 460	**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:

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

2. Use only one repetition for each iteration of the 2/LIN/090 loop.

Element Summary:

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

Description: Code identifying a specific industry code list

DLMS Note: *The following codes are authorized.*

CodeList Summary (Total Codes: 558, Included: 3)

Code	Name
A9	Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

2. During the legacy MILSTRAP/DLMS transition, this field will be used to perpetuate/populate the MILSTRAP Supplemental Address (SUPAAD) field. During this time, field size is restricted to 6 positions; see introductory DLMS note 3d.

3. Expanded use of this field for supplemental data without size restriction is a DLMS enhancement; see introductory DLMS note 3a.

4. Under full DLMS, the requirement to pass activity address information within the supplemental data field will be streamlined. Activity address data previously contained in the SUPAAD will be reflected exclusively in the N1 segment. Future streamlined data; see introductory DLMS note 3c.

AJ	Utilization Code

DLMS Note:

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

2. DLMS enhancement; see introductory DLMS note 3a.

EW	Small Arms Error Transaction Reject Code

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

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

SE   Transaction Set Trailer

Pos: 470	**Max: 1**
Detail - 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
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		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
		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.*				