

# 888 Item Maintenance

## Functional Group=QG

**Purpose:** This Draft Standard for Trial Use provides the format and establishes the data contents of the Item Maintenance Transaction Set (888) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to enable a manufacturer, supplier, broker, or agent to provide detailed finished goods product information to a partner in a consumer goods market. This transaction set can be used to provide information about new products or changes in existing product specifications. Price changes will not be sent with this transaction set, but can be sent with the Price Change Transaction Set (879).

### DLMS Note:

1. Organizations use this transaction set to provide storage facilities with data record changes for items of supply. In using this transaction set. Use one occurrence of this transaction set to transmit a single or multiple transactions.

a. Use a single occurrence of this transaction set to transmit record changes to one or more storage facilities. This transaction encompasses the functionality of MILSTRAP DIC DZB.

2. DLSS functionality allows for Service or Agency data in various RP(s). Data conveyed therein will require Service or Agency identification to Defense Enterprise Data Standards Office (DEDSO) 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 DEDSO Web site at [www.dla.mil/does/DLMS](http://www.dla.mil/does/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 DEDSO prior to use.

b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with DEDSO prior to use.

c. Defense Logistics Standard System (DLSS) data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DEDSO for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.

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

5. This revision to the DLMS IC incorporates Proposed DLMS Change (PDC) and Approved DLMS Changes (ADCs) listed. PDCs and 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 Material Management Aggregation Code
- ADC 152, Administrative Revisions to DLMS Supplement 888I, Storage Item Correction and 867D, Demand (Supply)
- ADC 295, Use of DLMS Qualifier for Local Stock Number/Management Control Numbers
- ADC 307, Administrative Update to DLMS, Vol 2, Chapter 6, Physical Inventory Control and DLMS Supplements (DS) 846P, 846R, and 888I (Supply/MILSTRAP)
- ADC 436, Administrative Revisions to DLMS Supplements to Remove Obsolete Routing Identifier Code (RIC) "Streamline" Notes and Update MILSTRIP/DLMS Documentation Associated with Routing Identifiers
- Organizational Name and Other Non-Substantive (Administrative) Updates Completed on August 13, 2015
- ADC 1043C, Administrative Corrections for SLOA Data in the 810L Logistics Bill and other DLMS ICs
- Administrative Update to Reflect Realignment of DLMS Program Office to Enterprise Business Standards Office (EBSO) - Completed on October 10, 2018
- ADC 1287, DLMS Implementation Convention (IC) Revisions for Data Element Mapping (Form Stock Number and Manufacturer's Part Number), Removal of Plant Equipment Number, and Administrative Updates
- ADC 1367, Administrative Update to Convert Federal Notes to DLMS Notes within DLMS Implementation Conventions
- Administrative Update to Reflect Realignment of Enterprise Business Standards Office (EBSO) to Defense Enterprise Data Standards Office (DEDSO) - Completed on March 17, 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
15	BGN	Beginning Segment	O	1			Must use
<b>LOOP ID - 0100</b>					<b>&gt;1</b>	<b>N1/20L</b>	
20	N1	Name	M	1		N1/20	Must use
* 30	N2	Additional Name Information	O	1			Not Used

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
* 40	N3	Address Information	O	2			Not Used
* 50	N4	Geographic Location	O	1			Not Used
* 60	N9	Reference Identification	O	10			Not Used
* 70	G61	Contact	O	3			Not Used
* 80	NTE	Note/Special Instruction	O	20			Not Used
* 85	G93	Price Bracket Identification	O	50			Not Used
86	G62	Date/Time	M	1			Must use
<b>LOOP ID - 0200</b>					<b>&gt;1</b>		
90	LM	Code Source Information	O	1			Must use
100	LQ	Industry Code	M	100			Must use

**Detail:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - 0300</b>					<b>&gt;1</b>		
10	G53	Maintenance Type	M	1			Must use
20	G62	Date/Time	O	3		N2/20	Used
* 30	NTE	Note/Special Instruction	O	20			Not Used
<b>LOOP ID - 0310</b>					<b>&gt;1</b>		
40	G39	Item Characteristics - Vendor's Selling Unit	M	1			Must use
* 50	G69	Line Item Detail - Description	O	5			Not Used
* 55	QTY	Quantity	O	>1			Not Used
* 60	G23	Terms of Sale	O	10			Not Used
* 70	G62	Date/Time	O	2			Not Used
* 80	G36	Price List Reference	O	1			Not Used
* 90	G26	Pricing Conditions	O	2			Not Used
* 100	G43	Promotion/Price List Area	O	9999			Not Used
* 110	G24	Promotion Reference	O	999			Not Used
* 120	G40	Bracket Price	O	99			Not Used
* 130	G93	Price Bracket Identification	O	50			Not Used
* 135	G22	Pricing Information	O	5			Not Used
* 140	G46	Promotion Allowance/Charge	O	99			Not Used
* 145	H1	Hazardous Material	O	5			Not Used
* 150	G54	Module Description	O	99			Not Used
151	N9	Reference Identification	O	10			Must use
* 152	UIT	Unit Detail	O	10			Not Used
153	MEA	Measurements	O	10			Used
* 154	TD1	Carrier Details (Quantity and Weight)	O	1			Not Used
<b>LOOP ID - 0311</b>					<b>&gt;1</b>		
156	N1	Name	O	1			Must use
* 157	N2	Additional Name Information	O	2			Not Used
* 158	N3	Address Information	O	2			Not Used
* 159	N4	Geographic Location	O	1			Not Used
* 160	PAL	Pallet Information	O	>1			Not Used
<b>* LOOP ID - 0312</b>					<b>&gt;1</b>		
* 165	G55	Item Characteristics - Consumer Unit	O	1			Not Used
* 170	G69	Line Item Detail - Description	O	5			Not Used
* 175	QTY	Quantity	O	1			Not Used
<b>LOOP ID - 0313</b>					<b>&gt;1</b>		
180	LM	Code Source Information	O	1			Must use
190	LQ	Industry Code	M	100			Must use

<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>
200	SE	Transaction Set Trailer	M	1			Must use

- Notes:**
- 1/20L

One iteration of the N1 loop should be used to identify the buying party (BY) to establish the area or location for which the item maintenance applies.
- 1/20

One iteration of the N1 loop should be used to identify the buying party (BY) to establish the area or location for which the item maintenance applies.
- 2/20

The G62 segment is used to specify the effective date for the item maintenance action reflected in G5301.

# 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	Rep
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use	1
<b>Description:</b> Code uniquely identifying a Transaction Set							
<b>Code Name</b>							
888 Item Maintenance							
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set							
<b>DLMS Note:</b> A unique number assigned by the originator of the transaction set, or the originator's application program.							

# BGN Beginning Segment

Pos: 15	Max: 1
Heading - Optional	
Loop: N/A	Elements: 4

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	Rep						
BGN01	353	Transaction Set Purpose Code	M	ID	2/2	Must use	1						
<b>Description:</b> Code identifying purpose of transaction set													
<table><tr><th>Code</th><th>Name</th></tr><tr><td>00</td><td>Original</td></tr><tr><td>77</td><td>Simulation Exercise</td></tr></table>								Code	Name	00	Original	77	Simulation Exercise
Code	Name												
00	Original												
77	Simulation Exercise												
<b>DLMS Note:</b> <i>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.</i>													
BGN02	127	Reference Identification	M	AN	1/30	Must use	1						
<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier													
<b>DLMS Note:</b> <i>Use code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>													
BGN03	373	Date	M	DT	8/8	Must use	1						
<b>Description:</b> Date expressed as CCYYMMDD													
<b>DLMS Note:</b> <i>This date corresponds to the Universal Time Coordinate (UTC).</i>													
BGN07	640	Transaction Type Code	O	ID	2/2	Must use	1						
<b>Description:</b> Code specifying the type of transaction													
<table><tr><th>Code</th><th>Name</th></tr><tr><td>A1</td><td>Storage Item Data Change</td></tr></table>								Code	Name	A1	Storage Item Data Change		
Code	Name												
A1	Storage Item Data Change												
<b>DLMS Note:</b> <i>Use to identify a Storage Item Data Correction/Change Transaction. (MILSTRAP DIC DZB functionality.)</i>													

# N1 Name

Pos: 20	Max: 1
Heading - Mandatory	
Loop: 0100	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 this 1/N1/020 loop to identify the organization originating the transaction set.*

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1
<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual							
<b>DLMS Note:</b> <i>The following code is authorized.</i>							
<b>Code Name</b>							
KA Item Manager							
<b>DLMS Note:</b>							
<i>Must use to identify the Inventory Control Point (ICP) or Integrated Material Manager (IMM) that provides the storage facility with data record changes.</i>							
N103	66	Identification Code Qualifier	X	ID	1/2	Must use	1
<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)							
<b>Code Name</b>							
10 Department of Defense Activity Address Code (DODAAC)							
<b>DLMS Note:</b>							
<i>DLMS enhancement; see introductory DLMS note 4a.</i>							
M4 Department of Defense Routing Identifier Code (RIC)							
N104	67	Identification Code	X	AN	2/80	Must use	1
<b>Description:</b> Code identifying a party or other code							
N106	98	Entity Identifier Code	O	ID	2/3	Must use	1
<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual							
<b>Code Name</b>							
FR Message From							
<b>DLMS Note:</b>							
<i>Must use in conjunction with 1/N101/020 code KA to indicate the organization cited in N104 is originating the transaction set.</i>							

# G62    Date/Time

Pos: 86	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To specify pertinent dates and times

- Syntax Rules:**
- 1. R0103 - At least one of G6201 or G6203 is required.
  - 2. P0102 - If either G6201 or G6202 is present, then the other is required.
  - 3. P0304 - If either G6203 or G6204 is present, then the other is required.

**DLMS Note:**

*Must use to identify the time of transaction set preparation.*

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G6203	176	Time Qualifier	X	ID	1/2	Must use	1
<b>Description:</b> Code specifying the reported time							
<b>Code    Name</b>							
W      Effective Time							
G6204	337	Time	X	TM	4/8	Must use	1
<b>Description:</b> 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)							
<b>DLMS Note:</b> 1. Use to identify the time of transaction set preparation in UTC.							
2. Express time in a four-position (HHMM) format.							

# LM Code Source Information

Pos: 90	Max: 1
Heading - Optional	
Loop: 0200	Elements: 1

**User Option (Usage):** Must use

**Purpose:** To transmit standard code list identification information

**Comments:**

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

**DLMS Note:**

*Must use this 1/LM/090 loop to identify coded information maintained in department or agency documentation.*

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1
<b>Description:</b> Code identifying the agency assigning the code values							
<b>Code Name</b>							
DF Department of Defense (DoD)							



# LQ Industry Code

Pos: 100	Max: 100
Heading - Mandatory	
Loop: 0200	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	Must use	1																												
<b>Description:</b> Code identifying a specific industry code list																																			
<b>DLMS Note:</b> <i>The following codes are authorized.</i>																																			
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>0</td><td>Document Identification Code</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr><tr><td colspan="2">1. 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.</td></tr><tr><td colspan="2">2. Future Streamlined data; see introductory DLMS note 4c.</td></tr><tr><td>79</td><td>Priority Designator Code</td></tr><tr><td>A9</td><td>Supplemental Data</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr><tr><td colspan="2">1. Use to identify supplemental address/data.</td></tr><tr><td colspan="2">2. Future streamlined data; see introductory DLMS note 4c.</td></tr><tr><td>AJ</td><td>Utilization Code</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr><tr><td colspan="2">1. Under DLSS, this is the first position of the document serial number.</td></tr><tr><td colspan="2">2. DLMS enhancement; see introductory DLMS note 4a.</td></tr></table>								<u>Code</u>	<u>Name</u>	0	Document Identification Code	<b>DLMS Note:</b>		1. 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.		2. Future Streamlined data; see introductory DLMS note 4c.		79	Priority Designator Code	A9	Supplemental Data	<b>DLMS Note:</b>		1. Use to identify supplemental address/data.		2. Future streamlined data; see introductory DLMS note 4c.		AJ	Utilization Code	<b>DLMS Note:</b>		1. Under DLSS, this is the first position of the document serial number.		2. DLMS enhancement; see introductory DLMS note 4a.	
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2. DLMS enhancement; see introductory DLMS note 4a.																																			
LQ02	1271	Industry Code	X	AN	1/30	Must use	1																												
<b>Description:</b> Code indicating a code from a specific industry code list																																			

# G53 Maintenance Type

Pos: 10	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 1

**User Option (Usage):** Must use

**Purpose:** To identify the specific type of item maintenance

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G5301	875	Maintenance Type Code	M	ID	3/3	Must use	1
<b>Description:</b> Code identifying the specific type of item maintenance							
<b>Code</b> <b>Name</b>							
001 Change							
<b>DLMS Note:</b>							
Use to identify catalog information changes.							

# G62    Date/Time

Pos: 20	Max: 3
Detail - Optional	
Loop: 0300	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

- Syntax Rules:**
- 1. R0103 - At least one of G6201 or G6203 is required.
  - 2. P0102 - If either G6201 or G6202 is present, then the other is required.
  - 3. P0304 - If either G6203 or G6204 is present, then the other is required.

**DLMS Note:**

*Use to identify the date all indicated changes are effective.*

**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>						
G6201	432	Date Qualifier	X	ID	2/2	Must use	1						
<b>Description:</b> Code specifying type of date													
<b>DLMS Note:</b> <i>The following codes are authorized.</i>													
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>07</td><td>Effective Date</td></tr><tr><td>BB</td><td>Transaction Control Date</td></tr></table>								<u>Code</u>	<u>Name</u>	07	Effective Date	BB	Transaction Control Date
<u>Code</u>	<u>Name</u>												
07	Effective Date												
BB	Transaction Control Date												
<b>DLMS Note:</b> <i>Use to identify the date of transaction preparation.</i>													
G6202	373	Date	X	DT	8/8	Must use	1						
<b>Description:</b> Date expressed as CCYYMMDD													

G39

Item Characteristics - Vendor's Selling Unit

Pos: 40

Max: 1

Detail - Mandatory

Loop: 0310

Elements: 6

**User Option (Usage):** Must use

**Purpose:** To identify a vendor's selling unit or to provide physical characteristics relative to a vendor's selling unit

- Syntax Rules:**
1. R0102 - At least one of G3901 or G3902 is required.
  2. P0203 - If either G3902 or G3903 is present, then the other is required.
  3. P050607 - If either G3905, G3906 or G3907 are present, then the others are required.
  4. P0607 - If either G3906 or G3907 is present, then the other is required.
  5. P0809 - If either G3908 or G3909 is present, then the other is required.
  6. P1011 - If either G3910 or G3911 is present, then the other is required.
  7. P1213 - If either G3912 or G3913 is present, then the other is required.
  8. P1415 - If either G3914 or G3915 is present, then the other is required.
  9. P1819 - If either G3918 or G3919 is present, then the other is required.
  10. P2324 - If either G3923 or G3924 is present, then the other is required.
  11. P2526 - If either G3925 or G3926 is present, then the other is required.

**DLMS Note:**

Use the 2/G39/040 loop to identify specific changes contained in the transaction.

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G3902	235	Product/Service ID Qualifier	X	ID	2/2	Must use	1
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)							
<b>DLMS Note:</b> 1. Use only one of codes A2, A4, FB, FS, MG, YP or ZZ to identify the materiel affected by the catalog/stock list change. Must use National Stock Number (NSN) (code FS) when known, except when appropriate brand name subsistence items are identified by the Subsistence Identification Number.							
2. The following codes are authorized.							
<b>Code Name</b>							
A2	Department of Defense Identification Code (DoDIC)						
<b>DLMS Note:</b>							
1. Use to identify ammunition items.							
2. DLMS enhancement. See introductory DLMS note 4a.							
A4	Subsistence Identification Number						
<b>DLMS Note:</b>							
Use to identify subsistence items.							
FB	Form Number						
<b>DLMS Note:</b>							
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						
<b>DLMS Note:</b>							

**Code Name***Use to identify nonstandard materiel.*

YP Publication Number

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

ZZ Mutually Defined

**DLMS Note:***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.*

G3903	234	<b>Product/Service ID</b>	X	AN	1/48	Must use	1
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**Description:** Identifying number for a product or service

G3908	65	<b>Height</b>	X	R	1/8	Used	1
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**Description:** Vertical dimension of an object measured when the object is in the upright position**DLMS Note:** *Cite the number "1" to satisfy syntax requirements.*

G3909	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used	1
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**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken**DLMS Note:** *1. Use to identify the original unit of measure for the reported item.**2. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.*

G3923	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used	1
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)**DLMS Note:** *The following codes are authorized.***Code Name**

ZB Commercial and Government Entity (CAGE) Code

**DLMS Note:***Use with G3902 code MG to uniquely identify a manufacturer's part number.*

G3924	234	<b>Product/Service ID</b>	X	AN	1/48	Used	1
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**Description:** Identifying number for a product or service

# N9 Reference Identification

Pos: 151	Max: 10
Detail - Optional	
Loop: 0310	Elements: 4

**User Option (Usage):** Must use

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

- Syntax Rules:**
- 1. R0203 - At least one of N902 or N903 is required.
  - 2. C0605 - If N906 is present, then N905 is required.

- Semantics:**
- 1. N906 reflects the time zone which the time reflects.
  - 2. N907 contains data relating to the value cited in N902.

- DLMS Note:**
- 1. Must use at least one repetition to provide the transaction number.
  - 2. May use a second repetition to provide new materiel identification.

**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>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use	1
<b>Description:</b> Code qualifying the Reference Identification							
<b>DLMS Note:</b> 1. Use only one of 1I, FQ, MF, NS, S6, or XD to identify the new materiel identification number.							
2. The following codes are authorized.							
<b><u>Code</u> <u>Name</u></b>							
1I	Department of Defense Identification Code (DoDIC)						
<b>DLMS Note:</b> Use to identify ammunition items.							
FQ	Form Number						
<b>DLMS Note:</b> 1. Use to identify the form stock number. Enter the form number in N903. Refer to ADC 1287. 2. DLMS enhancement. See introductory DLMS note 4a.							
MF	Manufacturers Part Number						
<b>DLMS Note:</b> Use to identify nonstandard materiel. Enter the manufacturer's part number in N903. Refer to ADC 1287.							
NS	National Stock Number						
<b>DLMS Note:</b> Must use the NSN when known.							
S6	Stock Number						
<b>DLMS Note:</b> 1. Use to identify the publication stock number. 2. DLMS enhancement. See introductory DLMS note 4a.							
TN	Transaction Reference Number						
<b>DLMS Note:</b> 1. Use to identify the transaction number for each transaction. 2. DLMS enhancement; see introductory DLMS note 4a.							
XD	Subsistence Identification Number						

<u>Code</u> <u>Name</u>							
		DLMS Note: Use to identify subsistence items.					
N902	127	Reference Identification	X	AN	1/30	Must use	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
N903	369	Free-form Description	X	AN	1/45	Used	1
		Description: Free-form descriptive text					
		DLMS Note: Use with N901 codes FQ and MF. Refer to ADC 1287.					
N907	C040	Reference Identifier	O	Comp		Used	1
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier					
		Syntax: 1. P0304 - If either C04003 or C04004 is present, then the other is required. 2. P0506 - If either C04005 or C04006 is present, then the other is required.					
N907-01	128	Reference Identification Qualifier	M	ID	2/3	Must use	1
		Description: Code qualifying the Reference Identification					
		DLMS Note: The following codes are authorized.					
		<u>Code</u> <u>Name</u>					
		W7 Commercial and Government Entity (CAGE) Code					
		DLMS Note: Use with N901 code MF to uniquely identify a manufacturer's part number.					
N907-02	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					

# MEA Measurements

Pos: 153

Max: 10

Detail - Optional

Loop: 0310

Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

**Syntax Rules:**

- 1. R03050608 - At least one of MEA03, MEA05, MEA06 or MEA08 is required.
- 2. C0504 - If MEA05 is present, then MEA04 is required.
- 3. C0604 - If MEA06 is present, then MEA04 is required.
- 4. L07030506 - If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
- 5. E0803 - Only one of MEA08 or MEA03 may be present.

**Semantics:**

- 1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:**

- 1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**DLMS Note:**

Use to identify the new unit of issue and associated conversion factor.

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA01	737	Measurement Reference ID Code	O	ID	2/2	Must use	1
<b>Description:</b> Code identifying the broad category to which a measurement applies							
<b>Code Name</b>							
CF Conversion Factor							
<b>DLMS Note:</b>							
Use to identify the conversion factor associated with the new unit of issue.							
MEA03	739	Measurement Value	X	R	1/20	Must use	1
<b>Description:</b> The value of the measurement							
<b>DLMS Note:</b> 1. Use to identify the factor by which the old quantity must be multiplied to convert to the new unit of issue.							
2. Express as a number with decimal positions.							
MEA04	C001	Composite Unit of Measure	X	Comp		Must use	1
<b>Description:</b> To identify a composite unit of measure(See Figures Appendix for examples of use)							
MEA04-01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use	1
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken							
<b>DLMS Note:</b> 1. Use to identify the new or corrected unit of issue for the reported item.							
2. DLMS users see the Unit of Issue and							



<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>
		Purchase Unit Conversion Table for available codes.					

# N1 Name

Pos: 156	Max: 1
Detail - Optional	
Loop: 0311	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:**
1. Must use one iteration of this 2/N1/156 loop to identify the organization to receive the transaction.
  2. Use additional iterations to identify other organizations associated with the transaction.

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep														
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1														
<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual																					
<b>DLMS Note:</b> <i>The following codes are authorized.</i>																					
<table><tr><th>Code</th><th>Name</th></tr><tr><td>KA</td><td>Item Manager</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr><tr><td colspan="2"><i>Use to indicate the corrected inventory manager associated with the materiel.</i></td></tr><tr><td>SB</td><td>Storage Area</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr><tr><td colspan="2"><i>Use to identify the storage facility requiring data record changes.</i></td></tr></table>								Code	Name	KA	Item Manager	<b>DLMS Note:</b>		<i>Use to indicate the corrected inventory manager associated with the materiel.</i>		SB	Storage Area	<b>DLMS Note:</b>		<i>Use to identify the storage facility requiring data record changes.</i>	
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SB	Storage Area																				
<b>DLMS Note:</b>																					
<i>Use to identify the storage facility requiring data record changes.</i>																					
N103	66	Identification Code Qualifier	X	ID	1/2	Must use	1														
<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)																					
<table><tr><th>Code</th><th>Name</th></tr><tr><td>10</td><td>Department of Defense Activity Address Code (DODAAC)</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr><tr><td colspan="2"><i>DLMS enhancement; see introductory DLMS note 4a.</i></td></tr><tr><td>M4</td><td>Department of Defense Routing Identifier Code (RIC)</td></tr></table>								Code	Name	10	Department of Defense Activity Address Code (DODAAC)	<b>DLMS Note:</b>		<i>DLMS enhancement; see introductory DLMS note 4a.</i>		M4	Department of Defense Routing Identifier Code (RIC)				
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<b>DLMS Note:</b>																					
<i>DLMS enhancement; see introductory DLMS note 4a.</i>																					
M4	Department of Defense Routing Identifier Code (RIC)																				
N104	67	Identification Code	X	AN	2/80	Must use	1														
<b>Description:</b> Code identifying a party or other code																					
N106	98	Entity Identifier Code	O	ID	2/3	Used	1														
<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual																					

**Code** **Name**

TO      Message To

**DLMS Note:**  
*Use with 2/N101/156 code SB to indicate the organization cited in N104 is receiving the transaction.*

# LM Code Source Information

Pos: 180	Max: 1
Detail - Optional	
Loop: 0313	Elements: 1

**User Option (Usage):** Must use

**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/180 loop to identify coded information maintained in department or agency documentation.*

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1
<b>Description:</b> Code identifying the agency assigning the code values							
<b>Code Name</b>							
DF Department of Defense (DoD)							

# LQ Industry Code

Pos: 190	Max: 100
Detail - Mandatory	
Loop: 0313	Elements: 2

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

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

**DLMS Note:**

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep																																																														
LQ01	1270	Code List Qualifier Code	O	ID	1/3	Must use	1																																																														
<b>Description:</b> Code identifying a specific industry code list																																																																					
<b>DLMS Note:</b> <i>The following codes are authorized.</i>																																																																					
<table><tr><th>Code</th><th>Name</th></tr><tr><td>93</td><td>Type of Storage Code</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr><tr><td colspan="2">1. Use to identify the new item type storage code.</td></tr><tr><td colspan="2">2. DLMS enhancement; see introductory DLMS note 4a.</td></tr><tr><td>A9</td><td>Supplemental Data</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr><tr><td colspan="2">1. Use to identify supplemental address/data.</td></tr><tr><td colspan="2">2. Future streamlined data; see introductory DLMS note 4c.</td></tr><tr><td>AJ</td><td>Utilization Code</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr><tr><td colspan="2">1. Under DLSS, this is the first position of the document serial number.</td></tr><tr><td colspan="2">2. DLMS enhancement; see introductory DLMS note 4a.</td></tr><tr><td>EF</td><td>Correction or Change for Storage Item Records Code</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr><tr><td colspan="2">Use to identify the type of change associated with the transaction.</td></tr><tr><td>EQ</td><td>Controlled Inventory Item Code</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr><tr><td colspan="2">Use to identify the new controlled inventory item code.</td></tr><tr><td>FD</td><td>Demilitarization Code</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr><tr><td colspan="2">Use to identify the new demilitarization code.</td></tr><tr><td>FE</td><td>Shelf Life Code</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr><tr><td colspan="2">Use to identify the new shelf life code.</td></tr><tr><td>FG</td><td>Source Maintenance and Recoverability Code</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr><tr><td colspan="2">1. Use to identify the new Source Maintenance and Recoverability (SMR) code.</td></tr><tr><td colspan="2">2. DLMS enhancement; see introductory DLMS note 4a.</td></tr><tr><td>GQ</td><td>Group Qualifier Code</td></tr><tr><td colspan="2"><b>DLMS Note:</b></td></tr></table>								Code	Name	93	Type of Storage Code	<b>DLMS Note:</b>		1. Use to identify the new item type storage code.		2. DLMS enhancement; see introductory DLMS note 4a.		A9	Supplemental Data	<b>DLMS Note:</b>		1. Use to identify supplemental address/data.		2. Future streamlined data; see introductory DLMS note 4c.		AJ	Utilization Code	<b>DLMS Note:</b>		1. Under DLSS, this is the first position of the document serial number.		2. DLMS enhancement; see introductory DLMS note 4a.		EF	Correction or Change for Storage Item Records Code	<b>DLMS Note:</b>		Use to identify the type of change associated with the transaction.		EQ	Controlled Inventory Item Code	<b>DLMS Note:</b>		Use to identify the new controlled inventory item code.		FD	Demilitarization Code	<b>DLMS Note:</b>		Use to identify the new demilitarization code.		FE	Shelf Life Code	<b>DLMS Note:</b>		Use to identify the new shelf life code.		FG	Source Maintenance and Recoverability Code	<b>DLMS Note:</b>		1. Use to identify the new Source Maintenance and Recoverability (SMR) code.		2. DLMS enhancement; see introductory DLMS note 4a.		GQ	Group Qualifier Code	<b>DLMS Note:</b>	
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Code	Name
	<p>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.</p> <p>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.</p>
COG	Cognizance Symbol
	<p><b>DLMS Note:</b></p> <p>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.</p>
IMC	Item Management Code
	<p><b>DLMS Note:</b></p> <p>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.</p>
MCC	Material Control Code
	<p><b>DLMS Note:</b></p> <p>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.</p>
SMI	Special Material Identification Code
	<p><b>DLMS Note:</b></p> <p>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.</p>

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

SETransaction Set Trailer

Pos: 200

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	Rep
SE01	96	Number of Included Segments	M	N0	1/10	Must use	1
		Description: Total number of segments included in a transaction set including ST and SE segments					
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
		DLMS Note: Cite the same number as the one cited in ST02.					