

# 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. Use this transaction set to add a new catalog item and details

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

3. This revision to the DLMS IC incorporates the following listed Approved DLMS Changes (ADCs). ADCs are available from the DEDSO Web site: <http://www.dla.mil/HQ/InformationOperations/DLMS/eLibrary/Changes/processchanges>

- ADC 1484, Create Defense Logistics Management Standard 888N - Cataloging New Item.

- ADC 1484A, Update to Defense Logistics Management Standard 888N, Cataloging New Item Implementation Convention

### Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0150	BGN	Beginning Segment	O	1			Used
<b>LOOP ID - 0100</b>					<b>&gt;1</b>	<b>N1/0200L</b>	
0200	N1	Name	M	1		N1/0200	Must use
* 0300	N2	Additional Name Information	O	1			Not Used
* 0400	N3	Address Information	O	2			Not Used
* 0500	N4	Geographic Location	O	1			Not Used
0600	N9	Reference Identification	O	10			Used
0700	G61	Contact	M	>1			Must use
0800	NTE	Note/Special Instruction	O	20			Used
0850	G93	Price Bracket Identification	O	50			Used
0860	G62	Date/Time	M	1			Must use
<b>LOOP ID - 0200</b>					<b>&gt;1</b>		
0900	LM	Code Source Information	O	1			Used
1000	LQ	Industry Code	M	100			Must use

### Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
<b>LOOP ID - 0300</b>					<b>&gt;1</b>		
0100	G53	Maintenance Type	M	1			Must use
0200	G62	Date/Time	O	3		N2/0200	Used
0300	NTE	Note/Special Instruction	O	20			Used
<b>LOOP ID - 0310</b>					<b>&gt;1</b>		
0350	LX	Assigned Number	M	1			Must use
0400	G39	Item Characteristics - Vendor's Selling Unit	M	1			Must use
* 0500	G69	Line Item Detail - Description	O	5			Not Used
0550	QTY	Quantity	O	>1			Used
* 0560	LIN	Item Identification	O	1			Not Used
* 0570	PID	Product/Item Description	O	200			Not Used
0580	PKG	Marking, Packaging, Loading	O	25			Used
* 0600	G23	Terms of Sale	O	10			Not Used
* 0700	G62	Date/Time	O	2			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>
* 0800	G36	Price List Reference	O	1			Not Used
* 0900	G26	Pricing Conditions	O	2			Not Used
* 1000	G43	Promotion/Price List Area	O	9999			Not Used
* 1100	G24	Promotion Reference	O	999			Not Used
* 1200	G40	Bracket Price	O	99			Not Used
* 1300	G93	Price Bracket Identification	O	50			Not Used
* 1350	G22	Pricing Information	O	5			Not Used
* 1400	G46	Promotion Allowance/Charge	O	99			Not Used
* 1450	H1	Hazardous Material	O	5			Not Used
* 1500	G54	Module Description	O	99			Not Used
1510	N9	Reference Identification	O	10			Used
* 1520	UIT	Unit Detail	O	10			Not Used
1530	MEA	Measurements	O	10			Used
* 1540	TD1	Carrier Details (Quantity and Weight)	O	1			Not Used
<b><u>LOOP ID - 0311</u></b>					<b><u>≥1</u></b>		
1560	N1	Name	O	1			Used
* 1570	N2	Additional Name Information	O	2			Not Used
* 1580	N3	Address Information	O	2			Not Used
* 1590	N4	Geographic Location	O	1			Not Used
* 1600	PAL	Pallet Information	O	>1			Not Used
* 1610	G93	Price Bracket Identification	O	1			Not Used
* 1620	QTY	Quantity	O	1			Not Used
<b><u>* LOOP ID - 0312</u></b>					<b><u>≥1</u></b>		
1650	G55	Item Characteristics - Consumer Unit	O	1			Used
* 1700	G69	Line Item Detail - Description	O	5			Not Used
1750	QTY	Quantity	O	1			Used
* 1760	LIN	Item Identification	O	1			Not Used
* 1765	PID	Product/Item Description	O	200			Not Used
* 1770	H1	Hazardous Material	O	5			Not Used
1775	REF	Reference Identification	O	10			Used
* 1780	PKG	Marking, Packaging, Loading	O	25			Not Used
* 1785	MEA	Measurements	O	10			Not Used
* 1790	TD1	Carrier Details (Quantity and Weight)	O	1			Not Used
* 1795	SLN	Subline Item Detail	O	100			Not Used
<b><u>LOOP ID - 0313</u></b>					<b><u>≥1</u></b>		
1800	LM	Code Source Information	O	1			Used
1900	LQ	Industry Code	M	100			Must use
2000	SE	Transaction Set Trailer	M	1			Must use

**Notes:**

- 1/0200L 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.
- 1/0200 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.
- 2/0200 The G62 segment is used to specify the effective date for the item maintenance action reflected in G5301.

ST Transaction Set Header

Pos: 0100Max: 1

Heading - Mandatory

Loop: N/AElements: 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) is 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 implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use	1
Description: Code uniquely identifying a Transaction Set							
Code Name							
888 Item Maintenance							
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set							
DLMS Note: Use a unique number to identify the Transaction Set.							

BGN Beginning Segment

Pos: 0150Max: 1

Heading - Optional

Loop: N/AElements: 3

User Option (Usage): Used

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
<div><div>Description: Code identifying purpose of transaction set</div><div><div>Code</div><div>Name</div><div>02Add</div></div><div><div>DLMS Note:</div><div>Use to indicate New Item.</div></div></div>							
BGN02	127	Reference Identification	M	AN	1/50	Must use	1
<div><div>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</div><div><div>DLMS Note:</div><div>1. Unique Value to identify the transaction.</div><div>2. Unique Transaction ID Format: [OAC][SAC][EDI DATE][SERIAL NUMBER]</div><div>3. Serial Number starts with 1 and will increment by 1 for each subsequent transaction and reset each day.</div></div></div>							
BGN03	373	Date	M	DT	8/8	Must use	1
<div><div>Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</div><div><div>DLMS Note:</div><div>Use to indicate Date of Request (DOR) (FLIS DRN 2310)</div></div></div>							

# N1 Name

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 3

**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. Submitting Activity Code (SAC) is mandatory (FLIS DRN 3720).
  2. Originating Activity Code (OAC) is mandatory (FLIS DRN 4210).

**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>Code Name</b>							
41 Submitter							
<b>DLMS Note:</b>							
Use to indicate Submitting Activity Code (SAC) (FLIS DRN 3720)							
FR Message From							
<b>DLMS Note:</b>							
Use to indicate Activity Code From (ACF)							
O2 Originating Company							
<b>DLMS Note:</b>							
Use to indicate Originating Activity Code (OAC) (FLIS DRN 4210).							
N103	66	Identification Code Qualifier	X	ID	1/2	Used	1
<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)							
<b>Code Name</b>							
AY Activity Code							
<b>DLMS Note:</b>							
Use this code to indicate the Activity Code.							
N104	67	Identification Code	X	AN	2/80	Used	1
<b>Description:</b> Code identifying a party or other code							

# N9 Reference Identification

Pos: 0600	Max: 10
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

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:

Priority Indicator Code is mandatory for New Item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use	1
<b>Description:</b> Code qualifying the Reference Identification							
<b>Code Name</b>							
80		Charge Number					
<b>DLMS Note:</b> Use to indicate the Type of Change Code (TOCC).							
GP		Government Priority Number					
<b>DLMS Note:</b> 1. Use to indicate Priority Indicator Code (PIC) (FLIS DRN 2867). 2. PIC is mandatory.							
MZ		Maintenance Request Number					
<b>DLMS Note:</b> Use to indicate Maintenance Code							
SE		Serial Number					
W2		Weapon System Number					
<b>DLMS Note:</b> Use to indicate the Weapons System Designator Code (FLIS DRN 3888).							
PLI		Department of Defense Provisioning Line Item Sequence					
<b>DLMS Note:</b> 1) Use to indicate Provisioning Line Item Sequence Number (PLISN). 2) Approved for use in X12 version 6020.							
PVS		Provisioning Control Code					
<b>DLMS Note:</b> A data maintenance action was approved in version 5030 (FLIS DRN 3719).							
X21		Provisioning Control Code Number					
<b>DLMS Note:</b> 1. Use to indicate the cataloging Provisioning Control Code Number. 2. A data maintenance action was approved in version 8060.							
N902	127	Reference Identification	X	AN	1/50	Used	1
<b>Description:</b> Reference information as							

<u>Ref</u>	<u>Id</u>	<u>Element Name</u> defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N903	369	<b>Free-form Description</b>  <b>Description:</b> Free-form descriptive text <b>DLMS Note:</b> <i>If N901 = 'GP', N903 = Priority Justification</i>	X	AN	1/45	Used	1

# G61 Contact

Pos: 0700	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 4

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

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

**Syntax Rules:**

1. P0304 - If either G6103 or G6104 is present, then the other is required.

**Comments:**

1. G6103 qualifies G6104.

**DLMS Note:**

1) Customer name and email are mandatory.

2) Repeat the G61 segment if more customer information must be sent.

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G6101	366	Contact Function Code	M	ID	2/2	Must use	1
<b>Description:</b> Code identifying the major duty or responsibility of the person or group named							
		<b>Code</b>	<b>Name</b>				
		CF	Customer Engineer				
		<b>DLMS Note:</b> Use to indicate Customer Name (FLIS DRN 3333).					
		SE	Service Organization				
		<b>DLMS Note:</b> FLIS DRN 3335					
G6102	93	Name	M	AN	1/60	Must use	1
<b>Description:</b> Free-form name							
G6103	365	Communication Number Qualifier	X	ID	2/2	Used	1
<b>Description:</b> Code identifying the type of communication number							
		<b>Code</b>	<b>Name</b>				
		AC	Message Only Voice Number				
		<b>DLMS Note:</b> Voice Over IP					
		AU	Defense Switched Network				
		<b>DLMS Note:</b> FLIS DRN 3337					
		EM	Electronic Mail				
		<b>DLMS Note:</b> FLIS DRN 3345					
		TE	Telephone				
		<b>DLMS Note:</b> FLIS DRN 3336					
G6104	364	Communication Number	X	AN	1/256	Used	1
<b>Description:</b> Complete communications number including country or area code							

<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>
		when applicable					

NTE

Note/Special Instruction

Pos: 0800

Max: 20

Heading - Optional

Loop: N/A

Elements: 2

User Option (Usage): Used

Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processible.  
The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
NTE01	363	Note Reference Code	O	ID	3/3	Used	1
		<b>Description:</b> Code identifying the functional area or purpose for which the note applies					
		<b>Code Name</b>					
		CMT	Maintenance Comment				
			<b>DLMS Note:</b>				
			Use to indicate Comment Data (FLIS DRN 3637).				
		EBY	Other Type of Account				
			<b>DLMS Note:</b>				
			Use to indicate Type or Model.				
		LIN	Line Item				
			<b>DLMS Note:</b>				
			Use to indicate End Item Name.				
NTE02	352	Description	M	AN	1/80	Must use	1
		<b>Description:</b> A free-form description to clarify the related data elements and their content					

# G93 Price Bracket Identification

Pos: 0850	Max: 50
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

Purpose: To identify price bracket values

## Syntax Rules:

- 1. P0203 - If either G9302 or G9303 is present, then the other is required.

## Semantics:

- 1. G9302 is the bracket value in terms of minimum quantity or weight as specified in G9303.
- 2. G9308 defines if freight is included in the price of products in the price bracket. A "Y" indicates freight is included in the price of products in the price bracket; an "N" indicates it is not included.

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G9301	417	Price Bracket Identifier	O	AN	1/3	Used	1
		<b>Description:</b> Identifier assigned by the vendor for a specific price bracket					
		<b>DLMS Note:</b> Map 'PLT' for Production Lead Time					
		Map 'QPE' for Quantity Per End Item					
		Map 'EIQ' for End Item Quantity					
		Map '1RQ' for First Year Retail Quantity					
		Map '1WQ' for First Year Wholesale Quantity					
		Map '2RQ' for Second Year Retail Quantity					
		Map '2PQ' for Second Year Replenishment Quantity					
		Map '3RQ' for Third Year Retail Quantity					
		Map '3PQ' for Third Year Replenishment Quantity					
		Map '4RQ' for Fourth Year Retail Quantity					
		Map '4PQ' for Fourth Year Replenishment Quantity					
		Map '5RQ' for Fifth Year Retail Quantity					
		Map '5PQ' for Fifth Year Replenishment Quantity					
		Map 'PIE' for Percent End Items East					
G9302	380	Quantity	X	R	1/15	Used	1
		<b>Description:</b> Numeric value of quantity					
G9303	355	Unit or Basis for Measurement Code	X	ID	2/2	Used	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> Default the value to 'EA' if there are no unit of measure.					
		All valid standard codes are used.					

# G62 Date/Time

Pos: 0860	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:**
1. G62 segment is mandatory.
  2. If there is no DRPR, then G6201 = TA and G6202 = Transaction Date.

**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	Used	1
Description: Code specifying type of date							
		<u>Code</u>	<u>Name</u>				
		90	Requested Pack Date				
		DLMS Note:					
		Use to indicate Date Repair Part Required (DRPR).					
		TA	Original Transaction				
		DLMS Note:					
		Must send when no DRPR. Send date of transaction.					
G6202	373	Date	X	DT	8/8	Used	1
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year							

# LM Code Source Information

Pos: 0900	Max: 1
Heading - Optional	
Loop: 0200	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.

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1
Description: Code identifying the agency assigning the code values							
Code Name							
DD Department of Defense							
DH Defense Logistic Information Service							
DLMS Note:							
Use this code to indicate the DLIS / FLIS Specific codes.							

LQ Industry Code

Pos: 1000Max: 100

Heading - Mandatory

Loop: 0200Elements: 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.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ01	1270	Code List Qualifier Code	O	ID	1/3	Used	1
<b>Description:</b> Code identifying a specific industry code list							
<b>Code Name</b>							
AD Acquisition Advice Code							
FF Essentiality Code							
<b>DLMS Note:</b>							
Use to indicate Weapons System Essentiality Code.							
FG Source Maintenance and Recoverability Code							
112		End Item Delivery Code					
<b>DLMS Note:</b>							
1. Use to indicate the cataloging end item delivery code.							
2. A data maintenance action was approved in version 8060.							
LQ02	1271	Industry Code	X	AN	1/30	Used	1
<b>Description:</b> Code indicating a code from a specific industry code list							

# G53 Maintenance Type

Pos: 0100	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 Name</b>							
118 New Policy							
<b>DLMS Note:</b>							
Use to indicate New Item.							

# G62 Date/Time

Pos: 0200	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:

There can be a maximum of one future effective date for any add, change or delete in a G53 Loop.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G6201	432	Date Qualifier	X	ID	2/2	Used	1
Description: Code specifying type of date							
Code Name							
FE Future Effective Date							
DLMS Note:							
1. Use to indicate the Future Effective Date (FLIS DRN 3387 - Characteristics, 2128 - Management, Airforce, Army Data, US Coast Guard, Marine Peculiar, Naval Command, Special Operations, Phrase Code, MOE Rule, Supple Collab, Supplemental Receiver, Depot Source of Repair, Identity).							
2. A data maintenance action was approved in version 8060.							
G6202	373	Date	X	DT	8/8	Used	1
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year							

NTE Note/Special Instruction

Pos: 0300Max: 20

Detail - Optional

Loop: 0300Elements: 2

User Option (Usage): Used

Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processible. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
NTE01	363	Note Reference Code	O	ID	3/3	Used	1
<b>Description:</b> Code identifying the functional area or purpose for which the note applies							
<b>Code Name</b>							
122 Reply Text							
<b>DLMS Note:</b>							
1. Use to indicate the reply text for a cataloging transaction (FLIS DRN 3864).							
2. A data maintenance action was approved in version 8060.							
123 Technical Data URL							
<b>DLMS Note:</b>							
1. Use to indicate the technical data URL for a cataloging item.							
2. A data maintenance action was approved in version 8060.							
AMN Additional Manufacturer Narrative							
<b>DLMS Note:</b>							
1. Use to indicate the Cataloging Reference Number (FLIS DRN 8733).							
2. A maximum of 60 positions of text (including spaces) may be sent.							
CLN Classifying Information							
<b>DLMS Note:</b>							
1. Use to indicate Attachment Name.							
2. Attachment Name Format : [Unique Transaction ID]_[Serial Number]							
3. Add an underscore and incremental serial number (1, 2, 3, etc.) to the Unique Transaction ID for each attachment related to that transaction.							
EAC Attachment							
<b>DLMS Note:</b>							
Use to indicate Attachment Comment.							
SPV Closing Instructions							
<b>DLMS Note:</b>							
Use to indicate Supplemental Instructions (FLIS DRN 5174).							
UPI Updated Information							
<b>DLMS Note:</b>							
Use to indicate Technical Data Location							
NTE02	352	Description	M	AN	1/80	Must use	1
<b>Description:</b> A free-form description to clarify the related data elements and their content							

LX

Assigned Number

Pos: 0350	Max: 1
Detail - Mandatory	
Loop: 0310	Elements: 1

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LX01	554	Assigned Number	M	N0	1/6	Must use	1
Description: Number assigned for differentiation within a transaction set							

G39

Item Characteristics - Vendor's Selling Unit

Pos: 0400

Max: 1

Detail - Mandatory

Loop: 0310

Elements: 3

**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:

1. IDENTITYLOOP (Identification Data loop) is mandatory
2. REFERENCEENUM (Reference Number Data loop) is mandatory
3. MANAGMENTDAT (Management Data) is mandatory
4. MOERULEDATA1 (MOE Rule Data) is mandatory
5. Start with the 2/G53/0100 loop if
  - a) ATTACHMENT00 loop has an NTE segment
  - b) CHARACTRISTS loop has Future Effective Date
  - c) IDENTITYLOOP loop has Future Effective Date
  - d) MANAGMENTDAT loop has Future Effective Date
  - e) USAIRFORCEDT loop has Future Effective Date
  - f) ARMYDATALOOP loop has Future Effective Date
  - g) USCOASTGUARD loop has Future Effective Date
  - h) MARINEPCULAR loop has Future Effective Date
  - i) NAVALCOMMAND loop has Future Effective Date
  - j) SPOPERATIONS loop has Future Effective Date
  - k) PHRASECODEDT loop has Future Effective Date
  - l) MOERULEDATA1 loop has Future Effective Date
  - m) SUPPLECOLLAB loop has Future Effective Date
  - n) DEPSCRREPAIR loop has Future Effective Date
6. If there is no NTE or Future Effective Dates. then the loops can start at the LX Segment level

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G3901	438	U.P.C. Case Code	X	AN	12/12	Used	1
<b>Description:</b> Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5)							
<b>DLMS Note:</b> G3901 = ARMYDATALOOP (Populate for the US Army Peculiar Data)							
G3901 = ATTACHMENT00 (Populate for UID)							
G3910 = CHARACTRISTS (Populate for							

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
<i>Characteristics Data)</i>							
<i>G3901 = DEPSCRREPAIR (Populate for Depot Source of Repair)</i>							
<i>G3901 = IDENTITYLOOP (Populate for Identity)</i>							
<i>G3901 = ITEMUNIQUEID (Populate for IUID)</i>							
<i>G3901 = LOGREASIGNDT (Populate for Logistics Reassignment Data)</i>							
<i>G3901 = MANAGMENTDAT (Populate for the Management Data)</i>							
<i>G3901 = MARINEPCULAR (Populate for the Marines Peculiar Data)</i>							
<i>G3901 = MOERULEDATA1 (Populate for MOE Rule Data)</i>							
<i>G3901 = NAVALCOMMAND (Populate for the US Navy)</i>							
<i>G3901 = PACKAGNGDATA (Populate for Packaging Data)</i>							
<i>G3901 = PHRASECODEDT (Populate for Phrase Code Data)</i>							
<i>G3901 = REFERENCEENUM (Populate for the Reference Number Data)</i>							
<i>G3901 = SOPERATIONS (Populate for the Special Operations Command)</i>							
<i>G3901 = SUPPLECOLLAB (Populate for Supplemental Collaborator)</i>							
<i>G3901 = USAIRFORCEDT (Populate for the US Airforce Peculiar Data)</i>							
<i>G3901 = USCOASTGUARD (Populate for the Coast Guard Data)</i>							
G3902	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used	1
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)							
<b>Code Name</b>							
JN Job Number							
<b>DLMS Note:</b>							
1. Use to indicate Action ID/Task ID.							
2. 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.							
G3903	234	<b>Product/Service ID</b>	X	AN	1/48	Used	1
<b>Description:</b> Identifying number for a product or service							
<b>DLMS Note:</b> If G3902 = 'JN', then G3903 = Action ID/Task ID							

# QTY Quantity

Pos: 0550	Max: >1
Detail - Optional	
Loop: 0310	Elements: 2

User Option (Usage): Used

Purpose: To specify quantity information

### Syntax Rules:

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

### Semantics:

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

### Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep																				
QTY01	673	Quantity Qualifier	M	ID	2/2	Must use	1																				
Description: Code specifying the type of quantity																											
<table><tr><th>Code</th><th>Name</th></tr><tr><td>80</td><td>Pricing Unit(s) Per Billing Unit</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Unit Price (FLIS DRN 7075).</td></tr><tr><td>AZ</td><td>Forecast at Complete</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Quantity Per Assembly (QPA) (FLIS DRN 0106).</td></tr><tr><td>NV</td><td>Net</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Repair Net Price.</td></tr></table>								Code	Name	80	Pricing Unit(s) Per Billing Unit	DLMS Note:		Use to indicate Unit Price (FLIS DRN 7075).		AZ	Forecast at Complete	DLMS Note:		Use to indicate Quantity Per Assembly (QPA) (FLIS DRN 0106).		NV	Net	DLMS Note:		Use to indicate Repair Net Price.	
Code	Name																										
80	Pricing Unit(s) Per Billing Unit																										
DLMS Note:																											
Use to indicate Unit Price (FLIS DRN 7075).																											
AZ	Forecast at Complete																										
DLMS Note:																											
Use to indicate Quantity Per Assembly (QPA) (FLIS DRN 0106).																											
NV	Net																										
DLMS Note:																											
Use to indicate Repair Net Price.																											
QTY02	380	Quantity	X	R	1/15	Used	1																				
Description: Numeric value of quantity																											

PKG Marking, Packaging, Loading

Pos: 0580Max: 25

Detail - Optional

Loop: 0310Elements: 4

User Option (Usage): Used

Purpose: To describe marking, packaging, loading, and unloading requirements

- Syntax Rules:
- 1. R040506 - At least one of PKG04, PKG05 or PKG06 is required.
  - 2. C0403 - If PKG04 is present, then PKG03 is required.
  - 3. C0501 - If PKG05 is present, then PKG01 is required.

- Semantics:
- 1. PKG04 should be used for industry-specific packaging description codes.

- Comments:
- 1. Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
  - 2. If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.
  - 3. Use PKG03 to indicate the organization that publishes the code list being referred to.
  - 4. Special marking or tagging data can be given in PKG05 (description).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep																																								
PKG01	349	Item Description Type	X	ID	1/1	Used	1																																								
		Description: Code indicating the format of a description																																													
		<table><tr><th>Code</th><th>Name</th></tr><tr><td>S</td><td>Structured (From Industry Code List)</td></tr></table>						Code	Name	S	Structured (From Industry Code List)																																				
Code	Name																																														
S	Structured (From Industry Code List)																																														
PKG02	753	Packaging Characteristic Code	O	ID	1/5	Used	1																																								
		Description: Code specifying the marking, packaging, loading and related characteristics being described																																													
		<table><tr><th>Code</th><th>Name</th></tr><tr><td>35</td><td>Type of Package</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Packaging Category Code (FLIS DRN 5159).</td></tr><tr><td>CD</td><td>Cleaning or Drying Procedure</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">FLIS DRN 5161</td></tr><tr><td>CT</td><td>Cushioning Thickness</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Thickness of Cushioning or Dunnage Code (FLIS DRN 5165).</td></tr><tr><td>PM</td><td>Preservation Method</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Method of Preservation Code (FLIS DRN 5160).</td></tr><tr><td>UC</td><td>Unit Container</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">FLIS DRN 5166</td></tr><tr><td>WM</td><td>Wrapping Material</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">FLIS DRN 5163</td></tr><tr><td>CUD</td><td>Cushioning and Dunnage</td></tr></table>						Code	Name	35	Type of Package	DLMS Note:		Use to indicate Packaging Category Code (FLIS DRN 5159).		CD	Cleaning or Drying Procedure	DLMS Note:		FLIS DRN 5161		CT	Cushioning Thickness	DLMS Note:		Use to indicate Thickness of Cushioning or Dunnage Code (FLIS DRN 5165).		PM	Preservation Method	DLMS Note:		Use to indicate Method of Preservation Code (FLIS DRN 5160).		UC	Unit Container	DLMS Note:		FLIS DRN 5166		WM	Wrapping Material	DLMS Note:		FLIS DRN 5163		CUD	Cushioning and Dunnage
Code	Name																																														
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PM	Preservation Method																																														
DLMS Note:																																															
Use to indicate Method of Preservation Code (FLIS DRN 5160).																																															
UC	Unit Container																																														
DLMS Note:																																															
FLIS DRN 5166																																															
WM	Wrapping Material																																														
DLMS Note:																																															
FLIS DRN 5163																																															
CUD	Cushioning and Dunnage																																														

<u>Code</u> <u>Name</u>	
PML	<b>DLMS Note:</b> <i>FLIS DRN 5164</i>
	Preservation Material
SMK	<b>DLMS Note:</b> <i>FLIS DRN 5162</i>
	Special Marking
UCL	<b>DLMS Note:</b> <i>FLIS DRN 5169</i>
	Unit Container Level
	<b>DLMS Note:</b> <i>FLIS DRN 5168</i>

PKG03	559	<b>Agency Qualifier Code</b>	X	ID	2/2	Used	1
<b>Description:</b> Code identifying the agency assigning the code values							

<u>Code</u> <u>Name</u>	
DD	Department of Defense

PKG04	754	<b>Packaging Description Code</b>	X	AN	1/7	Used	1
<b>Description:</b> A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product							

# N9 Reference Identification

Pos: 1510	Max: 10
Detail - Optional	
Loop: 0310	Elements: 4

User Option (Usage): Used

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. WL (Federal Supply Class) is mandatory for IDENTITYLOOP
- 2. 3V (Item Name Code) is mandatory for IDENTITYLOOP
- 3. W7 (CAGE Code) is mandatory for REFERENCECENUM loop
- 4. X28 (Reference Number) is mandatory for REFERENCECENUM loop
- 5. X27 (Item Unique Identification Identifier) is mandatory for ITEMUNIQUEID loop
- 6. SK (Using Service Code) is mandatory for PHRASECODEDT loop
- 7. If N901 = 3V, N902 = Item Name Code (INC), N907-01 and N907-02 are optional

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use	1
<b>Description:</b> Code qualifying the Reference Identification							
<b>Code Name</b>							
07		Add-On System Number					
<b>DLMS Note:</b> Use to indicate Manufacturing Method Code							
2P		Subdivision Identifier					
<b>DLMS Note:</b> Use to indicate National Motor Freight Classification (NMFC) sub item number (FLIS DRN 0861).							
3V		Formation Identifier					
<b>DLMS Note:</b> Use to indicate Item Name Code (INC) (FLIS DRN 4080).							
7L		Qualified Materials List					
<b>DLMS Note:</b> Use to indicate Army Material Category Description Code (FLIS DRN 2161).							
8Y		Safekeeping Account Number					
<b>DLMS Note:</b> Use to indicate Marine Corp Stores Account Code (FLIS DRN 8935).							
8Z		Alternate Clause Number					
<b>DLMS Note:</b> Use to indicate Air Force Budget Code (FLIS DRN 8925).							
AT		Appropriation Number					
<b>DLMS Note:</b>							

**Code Name**

	<i>Use to indicate Special Opps Appropriation Code (FLIS DRN 8941).</i>
C1	Customer material specification number
	<b>DLMS Note:</b>
	<i>Use to indicate Marine Corp Combat Essentiality Code (FLIS DRN 8935).</i>
CT	Contract Number
	<b>DLMS Note:</b>
	<i>Use to indicate LTC Contract Number.</i>
E1	Emergency Order Number
	<b>DLMS Note:</b>
	<i>Use to indicate Marine Corp Echelon Code (FLIS DRN 8935).</i>
GH	Identification Card Serial Number
	<b>DLMS Note:</b>
	<i>Use to indicate Coast Guard Serial Number Control Code (FLIS DRN 0707).</i>
NH	Rate Card Number
	<b>DLMS Note:</b>
	<i>Use to indicate Less than carload rating code (FLIS DRN 2760).</i>
NJ	Technical Document Number
	<b>DLMS Note:</b>
	<i>FLIS DRN 2893</i>
OX	Statement Number
	<b>DLMS Note:</b>
	<i>Use to indicate Phrase Code Statement.</i>
RC	Rail Routing Code
	<b>DLMS Note:</b>
	<i>Use to indicate Rail Variation Code (FLIS DRN 4760).</i>
SK	Service Change Number
	<b>DLMS Note:</b>
	<i>Use to indicate Using Service Code.</i>
SU	Special Processing Code
	<b>DLMS Note:</b>
	<i>Use to indicate Special Opps Weapon System End Item Code (FLIS DRN 8941).</i>
T8	Description of Change Code
	<b>DLMS Note:</b>
	<i>Use to indicate Freight Description</i>
V9	Subservicer
	<b>DLMS Note:</b>
	<i>Use to indicate Army Material Category Subgroup Code (FLIS DRN 2167).</i>
W7	Commercial and Government Entity (CAGE) Code
	<b>DLMS Note:</b>
	<i>FLIS DRN 9250</i>
W9	Special Packaging Instruction Number
	<b>DLMS Note:</b>
	<i>FLIS DRN 5175</i>
WL	Federal Supply Classification Code
	<b>DLMS Note:</b>
	<i>FLIS DRN 3990</i>
01H	Special Price Authorization Number
	<b>DLMS Note:</b>
	<i>Use to indicate Price Justification Code.</i>
ACD	Class Code
	<b>DLMS Note:</b>

Code	Name
	<i>Use to indicate Class Rating Code</i>
NIN	National Item Identification Number
	<b>DLMS Note:</b> <i>A data maintenance action was approved in version 5020. (FLIS DRN 2895, 8977)</i>
PVC	Payment Validation Code
	<b>DLMS Note:</b> <i>Use this code to indicate the Air Force Price Validation Code Specific codes (FLIS DRN 8925).</i>
X20	Special Opps Class of Supply Code
	<b>DLMS Note:</b> <i>1. Use to indicate the Special Operations Class of Supply Code for cataloging (FLIS DRN 8941).</i> <i>2. A data maintenance action was approved in version 8060.</i>
X22	Army Material Category Appropriation Code
	<b>DLMS Note:</b> <i>1. Use to indicate the Army Material Category Appropriation Code (FLIS DRN 2163).</i> <i>2. A data maintenance action was approved in version 8060.</i>
X23	Coast Guard Inventory Account Code
	<b>DLMS Note:</b> <i>1. Use to indicate the Coast Guard Inventory Account Code (FLIS DRN 0707).</i> <i>2. A data maintenance action was approved in version 8060.</i>
X24	Container National Stock Number (NSN)
	<b>DLMS Note:</b> <i>1. Use to indicate the Container NSN Number (FLIS DRN 5178).</i> <i>2. A data maintenance action was approved in version 8060.</i>
X25	Cataloging Document Availability Code
	<b>DLMS Note:</b> <i>1. Use to indicate the cataloging Document Availability Code (FLIS DRN 2640).</i> <i>2. A data maintenance action was approved in version 8060.</i>
X26	Cataloging Item Standardization Code
	<b>DLMS Note:</b> <i>1. Use to indicate the cataloging Item Standardization code (FLIS DRN 2650).</i> <i>2. A data maintenance action was approved in version 8060.</i>
X27	Item Unique identification Identifier
	<b>DLMS Note:</b> <i>1. Use to indicate the cataloging Item Unique Identification Identifier (FLIS DRN 3585).</i> <i>2. A data maintenance action was approved in version 8060.</i>
X29	Marine Corps Operational Test Code
	<b>DLMS Note:</b> <i>1. Use to indicate the USMC Operational Test Code for cataloging (FLIS DRN 8935).</i> <i>2. A data maintenance action was approved in version 8060.</i>

N902	127	Reference Identification	X	AN	1/50	Used	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> 1) If N901 = 3V, N902 = 77777, then N907-01 = 'X16', N907-02 = Item Name (N907-01 and N907-02 are mandatory)							

<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>
2) If N901 = 3V, N902 = Item Name Code (INC), N907-01 and N907-02 are optional							
N904	373	<b>Date</b>  <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year  <b>DLMS Note:</b> If N901 = 'W9', N904 = Special Packaging Instructions Date (FLIS DRN 5177)	O	DT	8/8	Used	1
N907	C040	<b>Reference Identifier</b>  <b>Description:</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier  <b>DLMS Note:</b> Generate the composite If N901 = 3V, W9 or X27  <b>Syntax:</b> 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.	O	Comp		Used	1
N907-01	128	<b>Reference Identification Qualifier</b>  <b>Description:</b> Code qualifying the Reference Identification  <b>DLMS Note:</b> 1. If N901 = Item Name Code (Qualifier = 3V), then N9701 = 'X16' 2. If N901 = Special Packaging Instruction Number (Qualifier = W9)', then N907-01 = 'R1' 3. If N901 = Item Unique identification Identifier (Qualifier = X27), then N907-01 = 'X15'	M	ID	2/3	Must use	1
<b>Code Name</b>							
R1	Current Revision Number		<b>DLMS Note:</b> Use to indicate Special Packaging Instructions Revision Number (SPI) (FLIS DRN 5176).				
X15	Cataloging Unique Item Tracking		<b>DLMS Note:</b> 1. Use to indicate the cataloging Unique Item Tracking (FLIS DRN 1010). 2. A data maintenance action was approved in version 8060.				
X16	Cataloging Item Name		<b>DLMS Note:</b> 1. Use to indicate the cataloging Item Name (FLIS DRN 5020). 2. A data maintenance action was approved in version 8060.				
N907-02	127	<b>Reference Identification</b>  <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/50	Must use	1

# MEA Measurements

Pos: 1530	Max: 10
Detail - Optional	
Loop: 0310	Elements: 4

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:

1. When sending the Packaging and Management Units of Measure, populate MEA04-01
2. For FLIS purposes only, the MEA segment can be used for dual purposes to convey the FLIS Packaging Data and FLIS Management Data. Please review DLMS notes for segments.

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA01	737	Measurement Reference ID Code	O	ID	2/2	Used	1
<b>Description:</b> Code identifying the broad category to which a measurement applies							
<b>Code Name</b>							
PK Package Dimensions							
MEA02	738	Measurement Qualifier	O	ID	1/3	Used	1
<b>Description:</b> Code identifying a specific product or process characteristic to which a measurement applies							
<b>Code Name</b>							
5F Height above Ground							
<b>DLMS Note:</b>							
Use to indicate Unpackaged Unit Pack Height (FLIS DRN 5158)							
HT Height							
<b>DLMS Note:</b>							
Use to indicate Unit Pack Height (FLIS DRN 5154)							
LN Length							
<b>DLMS Note:</b>							
Use to indicate Unit Pack Length (FLIS DRN 5154)							
LO Long Length							
<b>DLMS Note:</b>							
Use to indicate Unpackaged Length (FLIS DRN 5158)							
LW Long Width							
<b>DLMS Note:</b>							

**Code Name***Use to indicate Unpackaged Width (FLIS DRN 5158)*

WD Width

**DLMS Note:***Use to indicate Unit Pack Width (FLIS DRN 5154)*

WT Weight

**DLMS Note:***Use to indicate Unit Pack Weight (FLIS DRN 5153)*

UCB Cube

**DLMS Note:***Use to indicate the maximum cube of the unit pack (FLIS DRN 5155).*

UPW Units Per Weight

**DLMS Note:***1. Use to indicate the Unpackaged Unit Pack Weight (FLIS DRN 5157)**2. A data maintenance action was approved in version 5030.*

MEA03	739	<b>Measurement Value</b>	X	R	1/20	Used	1
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**Description:** The value of the measurement**DLMS Note:** *1. For Management or Packaging Data use MEA03 for Quantity for Unit of Measure (FLIS DRN 3053).**2. MEA03 is mandatory.**3. Definitive Unit of Issue will not have an associated Unit of Measure. Non-Definitive Unit of Issue will have an associated Unit of Measure.*

MEA04	C001	<b>Composite Unit of Measure</b>	X	Comp		Used	1
-------	------	----------------------------------	---	------	--	------	---

**Description:** To identify a composite unit of measure(See Figures Appendix for examples of use)**Comments:***1. If C001-02 is not used, its value is to be interpreted as 1.**2. If C001-03 is not used, its value is to be interpreted as 1.**3. If C001-05 is not used, its value is to be interpreted as 1.**4. If C001-06 is not used, its value is to be interpreted as 1.**5. If C001-08 is not used, its value is to be interpreted as 1.**6. If C001-09 is not used, its value is to be interpreted as 1.**7. If C001-11 is not used, its value is to be interpreted as 1.**8. If C001-12 is not used, its value is to be interpreted as 1.**9. If C001-14 is not used, its value is to be interpreted as 1.**10. If C001-15 is not used, its value is to be interpreted as 1.*

MEA04-01	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use	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

<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>
		<b>DLMS Note:</b> 1. Use to convey the Unit of Measure for Packaging and Management Data.					
		2. When using Packaging Data for FLIS, only applicable Unit of Measure are Pounds, Inches and Cubic Feet. See FLIS Volume 10, Table 182.					
		3. When using for Management Data, all valid DoD Units of Measure are allowed. See FLIS Volume 10, Table 81					
		All valid standard codes are used.					

# N1 Name

Pos: 1560	Max: 1
Detail - Optional	
Loop: 0311	Elements: 4

User Option (Usage): Used

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

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

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

- DLMS Note:
- 1. WL (Primary Inventory Control Activity) is mandatory for IDENTITYLOOP
  - 2. SCA (Supplemental Collaborator Activity Code) is mandatory for SUPPLECOLLAB loop.

## 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>Code Name</b>							
33		Inquiry Address	<b>DLMS Note:</b> Use to indicate Reference Number Activity Address Code (RNAAC) (FLIS DRN 2900).				
69		Repairing Outlet	<b>DLMS Note:</b> Use to indicate Depot Source of Repair (FLIS DRN 0903).				
H9		Designer	<b>DLMS Note:</b> Use to indicate Packaging Design Activity Code (FLIS DRN 5179).				
WL		Wholesaler	<b>DLMS Note:</b> Use to indicate Primary Inventory Control Activity (PICA)				
ABC		Project Property	<b>DLMS Note:</b> Use to indicate Originator of Standardization Decision (FLIS DRN 9325).				
IMC		Item Management Coding Activity	<b>DLMS Note:</b> 1. Use to indicate the activity that is performing the Item Management Coding (FLIS DRN 2748). 2. Approved for use in X12 version 8060.				
SCA		Supplemental Collaborator Activity Code	<b>DLMS Note:</b> 1. Use to indicate the activity that is the supplemental collaboration (FLIS DRN 2533). 2. A data maintenance action was approved in version 8060.				
SUS		Supply Source	<b>DLMS Note:</b>				

		<u>Code</u>	<u>Name</u>								
		Use to indicate Source of Supply (FLIS DRN 3690).									
N102	93	Name	X	AN	1/60	Used	1				
		Description: Free-form name									
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)									
		<u>Code</u>	<u>Name</u>								
		AY	Activity Code								
		DLMS Note:									
		Use this code to indicate the Activity Code.									
		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									

LMCode Source Information

Pos: 1800Max: 1

Detail - Optional

Loop: 0313Elements: 1

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1
Description: Code identifying the agency assigning the code values							
Code Name							
DD Department of Defense							
DF Department of Defense (DoD)							
DLMS Note:							
Use for US Coast Guard							
DH Defense Logistic Information Service							
DLMS Note:							
Use this code to indicate the DLIS / FLIS Specific codes.							
DN Department of the Navy							
DX United States Marine Corps							
DY Department of Air Force							
DZ Department of Army							
TR American Trucking Associations							

# LQ Industry Code

Pos: 1900	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:

1. RNC (Reference Number Category Code) is mandatory for REFERENCEENUM (Reference Number Data) loop
2. RVC (Reference Number Variation Code) is mandatory for REFERENCEENUM (Reference Number Data) loop
3. 114 (Major Organizational Entity) is mandatory for MANAGMENTDAT (Management Data) loop
4. 114 (Major Organizational Entity) is mandatory for PHRASECODEDT (Phrase Code) loop
5. 114 (Major Organizational Entity) is mandatory for PACKAGNDATA (Packaging Data) loop
6. MOE (MOE Rule) is mandatory for MOERULEDATA1 (MOE Rule Data) loop.
7. MOE (MOE Rule) is mandatory for SUPPLECOLLAB (Supplemental Collaborator) loop.
8. MOE (MOE Rule) is mandatory for DEPSCRREPAIR (Depot Source of Repair) loop.
9. 115 (Master Requirement Code) is mandatory in the CHARACTERISTS (Characteristics) Loop
10. PHC (Phrase Code) is mandatory in the PHRASECODEDT (Phrase Code) loop.
11. FD (Demilitarization Code) is mandatory in the IDENTITYLOOP (Identification Data) loop.
12. The combination of RNC and RVC values determines the type of Cataloging Reference Number sent in the NTE segment. Supporting FLIS DRN 8733.
13. UU (Unit of Issue) is mandatory for MANAGMENTDAT

## 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
<b>Description:</b> Code identifying a specific industry code list							
<u>Code</u> <u>Name</u>							
5	Criticality Designator Code						
<b>DLMS Note:</b> <i>Use to indicate Criticality Code (FLIS DRN 3843).</i>							
23	Obligation Variance Code						
<b>DLMS Note:</b> <i>Use for Water Commodity Code (FLIS DRN 9275).</i>							
33	Air Commodity and Special Handling Code						
<b>DLMS Note:</b> <i>FLIS DRN 9215</i>							
34	Water Commodity and Special Handling Code						
<b>DLMS Note:</b> <i>Use for Water Commodity and Special Handling Code (FLIS DRN 9240).</i>							
35	Air Dimension Code						
<b>DLMS Note:</b> <i>FLIS DRN 9220</i>							

**Code Name**

55 Recipient of Billing Status Code

**DLMS Note:***Use to indicate ISAC Reply Code (FLIS DRN 3559).*

71 Service and Agency Code

**DLMS Note:***Use to indicate Service Agency Designator Code (FLIS DRN 4672).*

90 Precious Metals Indicator Code

**DLMS Note:***FLIS DRN 0802*

91 Automated Data Processing Equipment Identification Code

**DLMS Note:***FLIS DRN 0801*

93 Type of Storage Code

**DLMS Note:***Use to indicate Item Type Storage Code (FLIS DRN 5156).*

AD Acquisition Advice Code

**DLMS Note:***FLIS DRN 2507*

AH Acquisition Method Suffix Code

**DLMS Note:***FLIS DRN 2876*

AI Acquisition Method Code

**DLMS Note:***FLIS DRN 2871*

DG Fund Code

**DLMS Note:***Use to indicate Air Force Fund Code (FLIS DRN 8925).*

EM Inventory Category Code

**DLMS Note:***Use to indicate Major Material Category Code (FLIS DRN 9256).*

EQ Controlled Inventory Item Code

**DLMS Note:***FLIS DRN 2863*

FD Demilitarization Code

**DLMS Note:***FLIS DRN 0167*

FE Shelf Life Code

**DLMS Note:***FLIS DRN 2943*

FG Source Maintenance and Recoverability Code

**DLMS Note:***Use to indicate Repairability Code (FLIS DRN 2934 - Management Specific, 0709 - Coast Guard Specific, 2891 - Marine Peculiar, 2781 - Special Operations Command).*

FS Area of Operation

**DLMS Note:***Use to indicate the Reply Operator.*

JA Physical Characteristics Code

**DLMS Note:***Use to indicate Physical Category Code (FLIS DRN 8935).*

JD Quantity per Unit Pack Code

**DLMS Note:***FLIS DRN 6106*

**Code Name**

JF Packing Requirement Level A Code

**DLMS Note:***FLIS DRN 5170*

JG Packing Requirement Level B Code

**DLMS Note:***FLIS DRN 5171*

JH Packing Requirement Level C Code

**DLMS Note:***Used to indicate Packaging Requirement Code Minimal (FLIS DRN 5172).*

JI Intermediate Container Code

**DLMS Note:***FLIS DRN 5167*

JK Intermediate Container Quantity Code

**DLMS Note:***Use to indicate Intermediate Container Quantity (FLIS DRN 5152)*

NB Inventory Type Code

**DLMS Note:***FLIS DRN 8941*

NF Type Numerical Control System Code

**DLMS Note:***Use to indicate Type Item Identification (Type II) (DRN 4820).*

NJ Uniform Freight Classification (UFC) Code

**DLMS Note:***FLIS DRN 3040*

NK National Motor Freight Classification (NMFC) Code

**DLMS Note:***FLIS DRN 2850*

NS Hazardous Material Code

**DLMS Note:***Use to indicate the Hazardous Materiel Code (HMC) (DRN 2720)*

NT Type of Cargo Code

**DLMS Note:***FLIS DRN 9260*

RT Request Type

**DLMS Note:***Use to indicate Issue Repair and / or Request Code (FLIS DRN 8940).*

UU Unit Code

**DLMS Note:***Used to indicate the Unit of Issue for the FLIS Management Data. See FLIS Volume 10, Table 53*

113 Cataloging Jump to Code

**DLMS Note:**

1. Use to indicate the cataloging Jump To Code (FLIS DRN 0792).
2. A data maintenance action was approved in version 8060.

114 MOE Code

**DLMS Note:**

1. Use to indicate the cataloging MOE Code (FLIS DRN 2833).
2. A data maintenance action was approved in version 8060.

115 Cataloging Master Requirement Code

**DLMS Note:**

1. Use to indicate the cataloging Master Requirement Code (FLIS DRN 3445).

**Code Name**

	<i>2. A data maintenance action was approved in version 8060.</i>
116	Cataloging Order of Use Code
	<b>DLMS Note:</b>
	<i>1. Use to indicate the cataloging Order of Use code (FLIS DRN 0793).</i>
	<i>2. A data maintenance action was approved in version 8060.</i>
117	Cataloging Optional Procedures Indicator Code
	<b>DLMS Note:</b>
	<i>1. Use to indicate the Optional Procedures Indicator Code (FLIS DRN 5173).</i>
	<i>2. Approved for use in X12 version 8060.</i>
118	Cataloging Packaging Data Source Code
	<b>DLMS Note:</b>
	<i>1. Use to indicate the Packaging Data Source Code (FLIS DRN 5148).</i>
	<i>2. A data maintenance action was approved in version 8060.</i>
119	Reference Number Status Code
	<b>DLMS Note:</b>
	<i>1. Use to indicate the Reference Number Status Code (FLIS DRN 2923).</i>
	<i>2. A data maintenance action was approved in version 8060.</i>
122	Cataloging Master Requirement Code (MRC) Mode Code
ACS	Accounting Requirements Codes.
	<b>DLMS Note:</b>
	<i>Use this code to indicate the List of DoD Accounting Requirements Codes (FLIS DRN 2665 - US Army, 8941 - SOCOM/Special Forces).</i>
ACV	Expendability, Recoverability, Repairability Category (ERRC) Codes.
	<b>DLMS Note:</b>
	<i>Use to indicate the expendability, recoverability, reparability category code (FLIS DRN 2655 - Air Force, 8941 - Special Operation Command).</i>
ACX	National Item Identification Number (NIIN) Status Codes
	<b>DLMS Note:</b>
	<i>Use this code to indicate the List of DoD National Item Identification Number (NIIN) Status Codes (FLIS DRN 2670).</i>
ACY	(Army) Recoverability Code
	<b>DLMS Note:</b>
	<i>1. Use to indicate Army Recoverability Code (FLIS DRN 2892).</i>
	<i>2. A data maintenance action was approved in version 8010.</i>
COG	Cognizance Symbol
	<b>DLMS Note:</b>
	<i>FLIS DRN 8940</i>
ESC	Electrostatic Discharge Code
	<b>DLMS Note:</b>
	<i>Use to indicate Electrostatic Discharge Code (FLIS DRN 2043).</i>
HMC	Hazardous Category Code
	<b>DLMS Note:</b>
	<i>1. Use to indicate Hazardous Category Code (FLIS DRN 2579)</i>
	<i>2. This is an X12 Migration Code approved for use in Version 5020.</i>
IMC	Item Management Code
	<b>DLMS Note:</b>
	<i>FLIS DRN 2744</i>
MAC	Material Management Aggregation Code
	<b>DLMS Note:</b>
	<i>Use this code to indicate the Material Management Aggregation Code (FLIS DRN 8925).</i>

<b>Code</b>	<b>Name</b>
MCC	Material Control Code
	<b>DLMS Note:</b> <i>FLIS DRN 2832</i>
MOE	Major Organizational Entity Rule Number
	<b>DLMS Note:</b> <i>Use to indicate Major Organizational Entity Rule Code (FLIS DRN 8290).</i>
NMS	Nonconsumable Item Material Support Code (NIMSC)
	<b>DLMS Note:</b> <i>Use to indicate Nonconsumable Item Material Support Code (NIMSC) (FLIS DRN 0076)</i>
PHC	Phrase Code
	<b>DLMS Note:</b> <i>A data maintenance action was approved in version 4060. The approved code/name is "PHC - Phrase Code" (FLIS DRN 2862).</i>
RFC	Reference Number Format Code
	<b>DLMS Note:</b> <i>Use this code to indicate the Reference Number Format Code (FLIS DRN 2920).</i>
RJC	Reference Number Justification Code
	<b>DLMS Note:</b> <i>1. A data maintenance action was approved in version 4060. The approved code/name is "RJC - Reference Number Justification Code" (FLIS DRN 2750).</i>  <i>2. Use this code to indicate the Reference Number Justification Code to provide information/justification related to a NMCS/MICAP.</i>
RNC	Reference Number Category Code
	<b>DLMS Note:</b> <i>A Code designating the relationship of the Reference Number to the Item of Supply (FLIS DRN 2910).</i>
RVC	Reference Number Variation Code
	<b>DLMS Note:</b> <i>A Code Indicating that a cited Reference Number is or is not item identifying, or is for information only (FLIS DRN 4780).</i>
SJB	Material Code
	<b>DLMS Note:</b> <i>1. Use for Material Identification Code (DRN 4126)</i>  <i>2. Approved for use in X12 version 4040</i>
SMC	Special Material Content Code
	<b>DLMS Note:</b> <i>Use to indicate the Special Material Content Code (FLIS DRN 0121 - Management Specific).</i>
SMI	Special Material Identification Code
	<b>DLMS Note:</b> <i>FLIS DRN 8940</i>

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

SE Transaction Set Trailer

Pos: 2000

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:**

<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	<b>Number of Included Segments</b>  <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use	1
SE02	329	<b>Transaction Set Control Number</b>  <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> <i>Cite the same number as the one cited in ST02.</i>	M	AN	4/9	Must use	1