

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 for submitting add/change/delete details to an existing catalog item.
 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 1485A, Create Defense Logistics Management Standard 888M - Cataloging Item Maintenance.

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
LOOP ID - 0100					≥1	N1/0200L	
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
LOOP ID - 0200					≥1		
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
LOOP ID - 0300					≥1		
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
LOOP ID - 0310					≥1		
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			Used
* 0800	G36	Price List Reference	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>
* 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
<u>LOOP ID - 0311</u>				<u>>1</u>			
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
<u>* LOOP ID - 0312</u>				<u>>1</u>			
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
<u>LOOP ID - 0313</u>				<u>>1</u>			
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>04Change</div></div><div><div>DLMS Note:</div><div>Use to indicate Add, Change, Delete Item Characteristics.</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
Description: Code identifying an organizational entity, a physical location, property or an individual							
Code Name							
41 Submitter							
DLMS Note:							
Use to indicate Submitting Activity Code (SAC) (FLIS DRN 3720)							
FR Message From							
DLMS Note:							
Use to indicate Activity Code From (ACF)							
O2 Originating Company							
DLMS Note:							
1. Use to indicate Originating Activity Code (OAC) (FLIS DRN 4210).							
N103	66	Identification Code Qualifier	X	ID	1/2	Used	1
Description: Code designating the system/method of code structure used for Identification Code (67)							
Code Name							
AY Activity Code							
DLMS Note:							
Use this code to indicate the Activity Code.							
N104	67	Identification Code	X	AN	2/80	Used	1
Description: Code identifying a party or other code							

N9Reference Identification

Pos: 0600Max: 10

Heading - Optional

Loop: N/AElements: 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 the Item Maintenance

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep																																																								
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use	1																																																								
Description: Code qualifying the Reference Identification																																																															
<table><tr><th>Code</th><th>Name</th></tr><tr><td>80</td><td>Charge Number</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Type of Change Code (TOCC).</td></tr><tr><td>GP</td><td>Government Priority Number</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">1. Use to indicate Priority Indicator Code (PIC) (FLIS DRN 2867).</td></tr><tr><td colspan="2">2. PIC is mandatory.</td></tr><tr><td>MZ</td><td>Maintenance Request Number</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Maintenance Code.</td></tr><tr><td>SE</td><td>Serial Number</td></tr><tr><td>W2</td><td>Weapon System Number</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate the Weapons System Designator Code (FLIS DRN 3888).</td></tr><tr><td>NIN</td><td>National Item Identification Number</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">1. Approved for use in X12 version 5020. (FLIS DRN 4000)</td></tr><tr><td colspan="2">2. NIIN is mandatory.</td></tr><tr><td>PLI</td><td>Department of Defense Provisioning Line Item Sequence Number</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">1) Use to indicate Provisioning Line Item Sequence Number (PLISN).</td></tr><tr><td colspan="2">2) Approved for use in X12 version 6020.</td></tr><tr><td>PVS</td><td>Provisioning Control Code</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Approved for use in X12 version 5030 (FLIS DRN 3719).</td></tr><tr><td>X21</td><td>Provisioning Control Code Number</td></tr><tr><td colspan="2">DLMS Note:</td></tr></table>								Code	Name	80	Charge Number	DLMS Note:		Use to indicate Type of Change Code (TOCC).		GP	Government Priority Number	DLMS Note:		1. Use to indicate Priority Indicator Code (PIC) (FLIS DRN 2867).		2. PIC is mandatory.		MZ	Maintenance Request Number	DLMS Note:		Use to indicate Maintenance Code.		SE	Serial Number	W2	Weapon System Number	DLMS Note:		Use to indicate the Weapons System Designator Code (FLIS DRN 3888).		NIN	National Item Identification Number	DLMS Note:		1. Approved for use in X12 version 5020. (FLIS DRN 4000)		2. NIIN is mandatory.		PLI	Department of Defense Provisioning Line Item Sequence Number	DLMS Note:		1) Use to indicate Provisioning Line Item Sequence Number (PLISN).		2) Approved for use in X12 version 6020.		PVS	Provisioning Control Code	DLMS Note:		Approved for use in X12 version 5030 (FLIS DRN 3719).		X21	Provisioning Control Code Number	DLMS Note:	
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X21	Provisioning Control Code Number																																																														
DLMS Note:																																																															

Code **Name**

1. Use to indicate the cataloging Provisioning Control Code Number.

2. Approved for use in X12 version 8060.

N902	127	Reference Identification	X	AN	1/50	Used	1
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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
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Description: Free-form descriptive text

DLMS Note: If N901 = 'GP', N903 = Priority Justification

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
Description: Code identifying the major duty or responsibility of the person or group named							
Code Name							
CF Customer Engineer							
DLMS Note: Use to indicate Customer Name (FLIS DRN 3333).							
SE Service Organization							
DLMS Note: FLIS DRN 3335							
G6102	93	Name	M	AN	1/60	Must use	1
Description: Free-form name							
G6103	365	Communication Number Qualifier	X	ID	2/2	Used	1
Description: Code identifying the type of communication number							
Code Name							
AC Message Only Voice Number							
DLMS Note: Voice Over IP							
AU Defense Switched Network							
DLMS Note: FLIS DRN 3337							
EM Electronic Mail							
DLMS Note: FLIS DRN 3345							
TE Telephone							
DLMS Note: FLIS DRN 3336							
G6104	364	Communication Number	X	AN	1/256	Used	1
Description: 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
Description: Code identifying the functional area or purpose for which the note applies							
Code Name							
CMT Maintenance Comment							
DLMS Note:							
Use to indicate Comment Data (FLIS DRN 3637).							
EBY Other Type of Account							
DLMS Note:							
Use to Indicate Type or Model.							
LIN Line Item							
DLMS Note:							
Use to indicate End Item Name.							
NTE02	352	Description	M	AN	1/80	Must use	1
Description: A free-form description to clarify the related data elements and their content							

G93 Price Bracket Identification

Pos: 0850Max: 50

Heading - Optional

Loop: N/AElements: 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
		Description: Identifier assigned by the vendor for a specific price bracket					
		DLMS Note: 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
		Description: Numeric value of quantity					
G9303	355	Unit or Basis for Measurement Code	X	ID	2/2	Used	1
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
		DLMS Note: 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:

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

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
<div><div>Description: Code identifying a specific industry code list</div><div><div>Code</div><div>Name</div><div>ADAcquisition Advice Code</div><div>FFEssentiality Code</div></div><div><div>DLMS Note:</div><div>Use to indicate Weapons System Essentiality Code.</div></div><div><div>FGSource Maintenance and Recoverability Code</div><div>112End Item Delivery Code</div><div><div>DLMS Note:</div><div>1. Use to indicate the cataloging end item delivery code.</div><div>2. Approved for use in X12 version 8060.</div></div></div></div>							
LQ02	1271	Industry Code	X	AN	1/30	Used	1
<div><div>Description: Code indicating a code from a specific industry code list</div></div>							

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:

<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>																				
G5301	875	Maintenance Type Code	M	ID	3/3	Must use	1																				
Description: Code identifying the specific type of item maintenance																											
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>001</td><td>Change</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Change NIIN Data</td></tr><tr><td>002</td><td>Delete</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Delete NIIN Data</td></tr><tr><td>003</td><td>Add Full Item Detail</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Add NIIN Data</td></tr></table>								<u>Code</u>	<u>Name</u>	001	Change	DLMS Note:		Use to indicate Change NIIN Data		002	Delete	DLMS Note:		Use to indicate Delete NIIN Data		003	Add Full Item Detail	DLMS Note:		Use to indicate Add NIIN Data	
<u>Code</u>	<u>Name</u>																										
001	Change																										
DLMS Note:																											
Use to indicate Change NIIN Data																											
002	Delete																										
DLMS Note:																											
Use to indicate Delete NIIN Data																											
003	Add Full Item Detail																										
DLMS Note:																											
Use to indicate Add NIIN Data																											

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:							
<i>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, Depot Source of Repair, Identity).</i>							
<i>2. Approved for use in X12 version 8060.</i>							
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: 0300

Max: 20

Detail - Optional

Loop: 0300

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
Description: Code identifying the functional area or purpose for which the note applies							
Code Name							
122		Reply Text					
DLMS Note:							
1. Use to indicate the reply text for a cataloging transaction.							
2. Approved for use in X12 version 8060 (FLIS DRN 3864).							
123		Technical Data URL					
DLMS Note:							
1. Use to indicate the technical data URL for a cataloging item.							
2. Approved for use in X12 version 8060.							
AMN		Additional Manufacturer Narrative					
DLMS Note:							
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					
DLMS Note:							
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					
DLMS Note:							
Use to indicate Attachment Comment.							
SPV		Closing Instructions					
DLMS Note:							
Use to indicate Supplemental Instructions (DRN 5174)							
UPI		Updated Information					
DLMS Note:							
Use to indicate Technical Data Location							
NTE02	352	Description	M	AN	1/80	Must use	1
Description: A free-form description to clarify the related data elements and their content							

LXAssigned Number

Pos: 0350Max: 1

Detail - Mandatory

Loop: 0310Elements: 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. Start with the 2/G53/0100 loop if
 - a) ATTACHMENT00 loop has an NTE segment
 - b) CHARACTERISTICS loop has Future Effective Date
 - c) IDENTITYLOOP loop has Future Effective Date
 - d) MANAGEMENTDAT 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) MARINEPECULAR 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
2. If there is no NTE or Future Effective Dates. then the loops can start at the LX Segment level

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>
G3901	438	U.P.C. Case Code	X	AN	12/12	Used	1

Description: 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)

DLMS Note: G3901 = ARMYDATALOOP
(Populate for the US Army Peculiar Data)

G3901 = ATTACHMENT00 (Populate for UID)

G3910 = CHARACTERISTICS (Populate for Characteristics Data)

G3901 = DEPSCRREPAIR (Populate for Depot Source of Repair)

G3901 = IDENTITYLOOP (Populate for Identity)

G3901 = ITEMUNIQUEID (Populate for IUID)

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

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>17</td><td>Quantity on Hand</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">DLA site quantity on hand</td></tr><tr><td>1J</td><td>Due</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Purchase Order Due-In Quantity (FLIS DRN 0722).</td></tr><tr><td>31</td><td>Additional Demand Quantity</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Annual Demand Amount (FLIS DRN 0727).</td></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>BA</td><td>Due-In</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Purchase Requisition Due-In Quantity.</td></tr><tr><td>BQ</td><td>Backorder Quantity</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Backorder Count.</td></tr><tr><td>GP</td><td>Gross Production</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Procurement and Administrative Lead Time (PALT) (FLIS DRN 0730).</td></tr><tr><td>KA</td><td>Estimated</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to indicate Projected Buy within 2 Years.</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><tr><td>QO</td><td>Operating Quantity</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to Indicate Non-DLA Stock on hand.</td></tr></table>								Code	Name	17	Quantity on Hand	DLMS Note:		DLA site quantity on hand		1J	Due	DLMS Note:		Use to indicate Purchase Order Due-In Quantity (FLIS DRN 0722).		31	Additional Demand Quantity	DLMS Note:		Use to indicate Annual Demand Amount (FLIS DRN 0727).		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).		BA	Due-In	DLMS Note:		Use to indicate Purchase Requisition Due-In Quantity.		BQ	Backorder Quantity	DLMS Note:		Use to indicate Backorder Count.		GP	Gross Production	DLMS Note:		Use to indicate Procurement and Administrative Lead Time (PALT) (FLIS DRN 0730).		KA	Estimated	DLMS Note:		Use to indicate Projected Buy within 2 Years.		NV	Net	DLMS Note:		Use to indicate Repair Net Price.		QO	Operating Quantity	DLMS Note:		Use to Indicate Non-DLA Stock on hand.	
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Code	Name
SQ	Product Sales Amount
DLMS Note: <i>Use to indicate Annual Sales Amount.</i>	

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					
		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					
		Code Name					
		35 Type of Package					
		DLMS Note:					
		Use to indicate Packaging Category Code. (DRN 5159)					
		CD Cleaning or Drying Procedure					
		DLMS Note:					
		DRN 5161					
		CT Cushioning Thickness					
		DLMS Note:					
		Use to indicate Thickness of Cushioning or Dunnage Code (DRN 5165).					
		PM Preservation Method					
		DLMS Note:					
		Use to indicate Method of Preservation Code (DRN 5160).					
		UC Unit Container					
		DLMS Note:					
		DRN 5166					
		WM Wrapping Material					
		DLMS Note:					
		DRN 5163					
		CUD Cushioning and Dunnage					

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

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

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

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

G62 Date/Time

Pos: 0700	Max: 2
Detail - Optional	
Loop: 0310	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.

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											
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>BG</td><td>Backorder Release Date</td></tr></table>								<u>Code</u>	<u>Name</u>	BG	Backorder Release Date
<u>Code</u>	<u>Name</u>										
BG	Backorder Release Date										
<div>DLMS Note:</div> <div>Use to indicate Oldest Back Order Date.</div>											
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											

N9Reference Identification

Pos: 1510Max: 10

Detail - Optional

Loop: 0310Elements: 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. SK (Using Service Code) is mandatory for PHRASECODEDT loop
 2. X27 (Item Unique Identification Identifier) is mandatory for ITEMUNIQUEID loop.
 3. W7 (CAGE Code) is mandatory for REFERENCECENUM loop.
 4. X28 (Reference Number) is mandatory for REFERENCECENUM loop

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use	1
<p>Description: Code qualifying the Reference Identification</p> <p>DLMS Note: 1. If Item Name Code is missing, then map 77777 to N902.</p> <p>2. If N901 = 3V, N902 = 77777, then N907-01 = 'X16', N907-02 = Item Name (N907-01 and N907-02 are mandatory)</p> <p>3. If N901 = 3V, N902 = Item Name Code (INC), N907-01 and N907-02 are optional</p>							
<p>Code Name</p> <div><div>07Add-On System Number</div><div>DLMS Note: Use to indicate Manufacturing Method Code.</div></div> <div><div>2PSubdivision Identifier</div><div>DLMS Note: Use to indicate National Motor Freight Classification (NMFC) sub item number (FLIS DRN 0861).</div></div> <div><div>3VFormation Identifier</div><div>DLMS Note: Use to indicate Item Name Code (INC) (FLIS DRN 4080).</div></div> <div><div>7LQualified Materials List</div><div>DLMS Note: Use to indicate Army Material Category Description Code (FLIS DRN 2161).</div></div> <div><div>8YSafekeeping Account Number</div><div>DLMS Note: Use to indicate Marine Corp Stores Account Code (FLIS DRN 8935).</div></div> <div><div>8ZAlternate Clause Number</div><div>DLMS Note: Use to indicate Air Force Budget Code (FLIS DRN 8925).</div></div>							

Code Name

AT Appropriation Number

DLMS Note:*Use to indicate Special Opps Appropriation Code (FLIS DRN 8941).*

C1 Customer material specification number

DLMS Note:*Use to indicate Marine Corp Combat Essentiality Code (FLIS DRN 8935).*

CT Contract Number

DLMS Note:*Use to indicate LTC Contract Number*

E1 Emergency Order Number

DLMS Note:*Use to indicate Marine Corp Echelon Code (FLIS DRN 8935).*

GH Identification Card Serial Number

DLMS Note:*Use to indicate Coast Guard Serial Number Control Code (FLIS DRN 0707).*

NH Rate Card Number

DLMS Note:*Use to indicate Less than carload rating code (FLIS DRN 2760).*

NJ Technical Document Number

DLMS Note:*FLIS DRN 2893*

OX Statement Number

DLMS Note:*Use to indicate Phrase Code Statement.*

RC Rail Routing Code

DLMS Note:*Use to indicate Rail Variation Code (FLIS DRN 4760).*

SK Service Change Number

DLMS Note:*Use to indicate Using Service Code.*

SU Special Processing Code

DLMS Note:*Use to indicate Special Opps Weapon System End Item Code (FLIS DRN 8941).*

T8 Description of Change Code

DLMS Note:*Use to indicate Freight Description*

V9 Subservicer

DLMS Note:*Use to indicate Army Material Category Subgroup Code (FLIS DRN 2167).*

W7 Commercial and Government Entity (CAGE) Code

DLMS Note:*FLIS DRN 9250*

W9 Special Packaging Instruction Number

DLMS Note:*FLIS DRN 5175*

WL Federal Supply Classification Code

DLMS Note:*FLIS DRN 3990*

01H Special Price Authorization Number

DLMS Note:*Use to indicate the Price Justification Code.*

Code	Name
ACD	Class Code
DLMS Note: <i>Use to indicate Class Rating Code</i>	
NIN	National Item Identification Number
DLMS Note: <i>Approved for use in X12 version 5020. (FLIS DRN 2895, 8977)</i>	
PVC	Payment Validation Code
DLMS Note: <i>Use this code to indicate the Air Force Price Validation Specific codes (FLIS DRN 8925).</i>	
X20	Special Opps Class of Supply Code
DLMS Note: <i>1. Use to indicate the Special Operations Class of Supply Code for cataloging (FLIS DRN 8941).</i> <i>2. Approved for use in X12 version 8060.</i>	
X22	Army Material Category Appropriation Code
DLMS Note: <i>1. Use to indicate the Army Material Category Appropriation Code (FLIS DRN 2163).</i> <i>2. Approved for use in X12 version 8060.</i>	
X23	Coast Guard Inventory Account Code
DLMS Note: <i>1. Use to indicate the Coast Guard Inventory Account Code (FLIS DRN 0707).</i> <i>2. Approved for use in X12 version 8060.</i>	
X24	Container National Stock Number (NSN)
DLMS Note: <i>1. Use to indicate the Container NSN Number (FLIS DRN 5178).</i> <i>2. Approved for use in X12 version 8060.</i>	
X25	Cataloging Document Availability Code
DLMS Note: <i>1. Use to indicate the cataloging Document Availability Code (FLIS DRN 2640).</i> <i>2. Approved for use in X12 version 8060.</i>	
X26	Cataloging Item Standardization Code
DLMS Note: <i>1. Use to indicate the cataloging Item Standardization Code (FLIS DRN 2650).</i> <i>2. Approved for use in X12 version 8060.</i>	
X27	Item Unique identification Identifier
DLMS Note: <i>1. Use to indicate the cataloging Item Unique Identification Identifier (FLIS DRN 3585).</i> <i>2. Approved for use in X12 version 8060.</i>	
X29	Marine Corps Operational Test Code
DLMS Note: <i>1. Use to indicate Marine Corp Operational Test Code (FLIS DRN 8935).</i> <i>2. Approved for use in X12 version 8060.</i>	

N902	127	Reference Identification	X	AN	1/50	Used	1
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier							
N904	373	Date	O	DT	8/8	Used	1

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year					
		DLMS Note: <i>If N901 = 'W9', N904 = Special Packaging Instructions Date (FLIS DRN 5177)</i>					
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					
		DLMS Note: <i>Generate the composite If N901 = 3V, W9 or X27</i>					
		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: <i>1. If N901 = Item Name Code (Qualifier = 3V), then N97-01 = 'X16'</i>					
		<i>2. If N901 = Special Packaging Instruction Number (Qualifier = W9), then N97-01 = 'R1'</i>					
		<i>3. If N901 = Item Unique identification Identifier (Qualifier = X27), then N907-01 = 'X15'</i>					
		Code Name					
		R1	Current Revision Number				
		DLMS Note: <i>Use to indicate Special Packaging Instructions Revision Number (SPI) (FLIS DRN 5176).</i>					
		X15	Cataloging Unique Item Tracking				
		DLMS Note: <i>1. Use to indicate the cataloging Unique Item Tracking (FLIS DRN 1010).</i> <i>2. Approved for use in X12 version 8060.</i>					
		X16	Cataloging Item Name				
		DLMS Note: <i>1. Use to indicate the cataloging Item Name (FLIS DRN 5020).</i> <i>2. Approved for use in X12 version 8060.</i>					
N907-02	127	Reference Identification	M	AN	1/50	Must use	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					

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
Description: Code identifying the broad category to which a measurement applies							
Code Name							
PK Package Dimensions							
MEA02	738	Measurement Qualifier	O	ID	1/3	Used	1
Description: Code identifying a specific product or process characteristic to which a measurement applies							
Code Name							
5F Height above Ground							
DLMS Note:							
Use to indicate Unpackaged Unit Pack Height (FLIS DRN 5158).							
HT Height							
DLMS Note:							
Use to indicate Unit Pack Height (FLIS DRN 5154).							
LN Length							
DLMS Note:							
Use to indicate Unit Pack Length (FLIS DRN 5154).							
LO Long Length							
DLMS Note:							
Use to indicate Unpackaged Length (FLIS DRN 5158).							
LW Long Width							
DLMS Note:							

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. Approved for use in X12 version 5030.

MEA03	739	Measurement Value	X	R	1/20	Used	1
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Description: The value of the measurement

DLMS Note: 1. For Management Data or Packaging data use MEA03 for Quantity of 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	Composite Unit of Measure	X	Comp		Used	1
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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	Unit or Basis for Measurement Code	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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		DLMS Note: 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:

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
Description: Code identifying an organizational entity, a physical location, property or an individual							
Code Name							
33		Inquiry Address					
DLMS Note: Use to indicate Reference Number Activity Address Code (RNAAC) (FLIS DRN 2900).							
69		Repairing Outlet					
DLMS Note: Use to indicate Depot Source of Repair (FLIS DRN 0903).							
H9		Designer					
DLMS Note: Use to indicate Packaging Design Activity Code (FLIS DRN 5179).							
WL		Wholesaler					
DLMS Note: Use to indicate Primary Inventory Control Activity (PICA)							
ABC		Project Property					
DLMS Note: Use to indicate Originator of Standardization Decision (FLIS DRN 9325).							
IMC		Item Management Coding Activity					
DLMS Note: 1. Use to indicate the activity that is performing the Item Management Cataloging (FLIS DRN 2748). 2. Approved for use in X12 version 8060.							
LYN		Stockholder					
DLMS Note: Use this code to indicate Non-DLA Site Location of Stock.							
SCA		Supplemental Collaborator Activity Code					
DLMS Note: 1. Use to indicate the activity that is the supplemental collaboration (FLIS DRN 2533). 2. Approved for use in X12 version 8060.							

Code Name

SUS Supply Source

DLMS Note:
Use to indicate Source of Supply (FLIS DRN 3690).

N102	93	Name	X	AN	1/60	Used	1
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Description: Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used	1
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Description: Code designating the system/method of code structure used for Identification Code (67)

Code Name

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
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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							
CodeName							
DDDepartment of Defense							
DFDepartment of Defense (DoD)							
DLMS Note:							
Use for US Coast Guard							
DHDefense Logistic Information Service							
DLMS Note:							
Use this code to indicate the DLIS / FLIS Specific codes.							
DNDepartment of the Navy							
DXUnited States Marine Corps							
DYDepartment of Air Force							
DZDepartment of Army							
TRAmerican 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. 114 (Major Organizational Entity) is mandatory for MANAGMENTDAT (Management Data) loop.
 - 2. 114 (Major Organizational Entity) is mandatory for PHRASECODEDT (Phrase Code) loop
 - 3. 114 (Major Organizational Entity) is mandatory for PACKAGNDATA (Packaging Data) loop
 - 4. MOE (MOE Rule) is mandatory for MOERULEDATA1 (MOE Rule Data) loop.
 - 5. MOE (MOE Rule) is mandatory for SUPPLECOLLAB (Supplemental Collaborator) loop.
 - 6. MOE (MOE Rule) is mandatory for DEPSCRREPAIR (Depot Source of Repair) loop.
 - 7. 115 (Master Requirement Code) is mandatory in the CHARACTERISTS (Characteristics) Loop
 - 8. PHC (Phrase Code) is mandatory in the PHRASECODEDT (Phrase Code) loop.
 - 9. The combination of RNC and RVC values determines the type of Cataloging Reference Number sent in the NTE segment. Supporting FLIS DRN 8733.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LQ01	1270	Code List Qualifier Code	O	ID	1/3	Used	1
Description: Code identifying a specific industry code list							
<u>Code</u> <u>Name</u>							
5 Criticality Designator Code							
DLMS Note:							
Use to indicate Criticality Code (FLIS DRN 3843).							
23 Obligation Variance Code							
DLMS Note:							
Use for Water Commodity Code (FLIS DRN 9275).							
33 Air Commodity and Special Handling Code							
DLMS Note:							
FLIS DRN 9215							
34 Water Commodity and Special Handling Code							
DLMS Note:							
Use for Water Commodity and Special Handling Code (FLIS DRN 9240).							
35 Air Dimension Code							
DLMS Note:							
FLIS DRN 9220							
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).							

Code	Name
90	Precious Metals Indicator Code
	DLMS Note: <i>FLIS DRN 0802</i>
91	Automated Data Processing Equipment Identification Code
	DLMS Note: <i>FLIS DRN 0801</i>
93	Type of Storage Code
	DLMS Note: <i>Use to indicate Item Type Storage Code (FLIS DRN 5156).</i>
AD	Acquisition Advice Code
	DLMS Note: <i>FLIS DRN 2507</i>
AH	Acquisition Method Suffix Code
	DLMS Note: <i>FLIS DRN 2876</i>
AI	Acquisition Method Code
	DLMS Note: <i>FLIS DRN 2871</i>
DG	Fund Code
	DLMS Note: <i>Use to indicate Air Force Fund Code (FLIS DRN 8925).</i>
EM	Inventory Category Code
	DLMS Note: <i>Use to indicate Major Material Category Code (FLIS DRN 9256).</i>
EQ	Controlled Inventory Item Code
	DLMS Note: <i>FLIS DRN 2863</i>
FD	Demilitarization Code
	DLMS Note: <i>FLIS DRN 0167</i>
FE	Shelf Life Code
	DLMS Note: <i>FLIS DRN 2943</i>
FG	Source Maintenance and Recoverability Code
	DLMS Note: <i>Use to indicate Repairability Code (FLIS DRN 2934 - Management Specific, 0709 - Coast Guard Specific, 2891 - Marine Peculiar, 2781 - Special Operations Command)..</i>
FS	Area of Operation
	DLMS Note: <i>Use to indicate the Reply Operator.</i>
JA	Physical Characteristics Code
	DLMS Note: <i>Use to indicate Physical Category Code (FLIS DRN 8935).</i>
JD	Quantity per Unit Pack Code
	DLMS Note: <i>FLIS DRN 6106</i>
JF	Packing Requirement Level A Code
	DLMS Note: <i>FLIS DRN 5170</i>
JG	Packing Requirement Level B Code
	DLMS Note: <i>FLIS DRN 5171</i>

Code	Name
JH	Packing Requirement Level C Code
	DLMS Note: <i>Use to Indicate Minimum Packaging Requirement Code (FLIS DRN 5172)</i>
JI	Intermediate Container Code
	DLMS Note: <i>FLIS DRN 5167</i>
JK	Intermediate Container Quantity Code
	DLMS Note: <i>Use to indicate Intermediate Container Quantity (FLIS DRN 5152).</i>
NB	Inventory Type Code
	DLMS Note: <i>FLIS DRN 8941</i>
NF	Type Numerical Control System Code
	DLMS Note: <i>Use to indicate Type Item Identification (Type II) (FLIS DRN 4820)</i>
NJ	Uniform Freight Classification (UFC) Code
	DLMS Note: <i>FLIS DRN 3040</i>
NK	National Motor Freight Classification (NMFC) Code
	DLMS Note: <i>FLIS DRN 2850</i>
NS	Hazardous Material Code
	DLMS Note: <i>Use to indicate the Hazardous Material Indicator Code (HMIC) (FLIS DRN 0865)</i>
NT	Type of Cargo Code
	DLMS Note: <i>FLIS DRN 9260</i>
RT	Request Type
	DLMS Note: <i>Use to indicate Issue Repair and / or Request Code (FLIS DRN 8940).</i>
UU	Unit Code
	DLMS Note: <i>Used to indicate the Unit of Issue for the FLIS Management Data. FLIS Volume 10, Table 53.</i>
113	Cataloging Jump to Code
	DLMS Note: <i>1. Use to indicate the cataloging Jump To Code (FLIS DRN 0792).</i> <i>2. Approved for use in X12 version 8060.</i>
114	MOE Code
	DLMS Note: <i>1. Use to indicate the cataloging MOE Code (FLIS DRN 2833).</i> <i>2. Approved for use in X12 version 8060.</i>
115	Cataloging Master Requirement Code
	DLMS Note: <i>1. Use to indicate the cataloging Master Requirement Code (FLIS DRN 3445).</i> <i>2. Approved for use in X12 version 8060.</i>
116	Cataloging Order of Use Code
	DLMS Note: <i>1. Use to indicate the cataloging Order of Use code (FLIS DRN 0793).</i> <i>2. Approved for use in X12 version 8060.</i>
117	Cataloging Optional Procedures Indicator Code

Code Name**DLMS Note:**

1. Use to indicate the Optional Procedures Indicator Code (FLIS DRN 5173).
2. Approved for use in X12 version 8060.

118 Cataloging Packaging Data Source Code

DLMS Note:

1. Use to indicate the Packaging Data Source Code (FLIS DRN 5148).
2. Approved for use in X12 version 8060.

119 Reference Number Status Code

DLMS Note:

1. Use to indicate the Reference Number Status Code (FLIS DRN 2923).
2. Approved for use in X12 version 8060.

ACS Accounting Requirements Codes.

DLMS Note:

Use this code to indicate the Accounting Requirements Codes (FLIS DRN 2665).

ACV Expendability, Recoverability, Repairability Category (ERRC) Codes.

DLMS Note:

Use to indicate the expendability, recoverability, reparability category code (FLIS DRN 2655 - Air Force, 8941 - Special Operation Command).

ACX National Item Identification Number (NIIN) Status Codes

DLMS Note:

Use to indicate DoD National Item Identification Number (NIIN) Status Codes (FLIS DRN 2670).

ACY (Army) Recoverability Code

DLMS Note:

1. Use to indicate Army Recoverability Code (FLIS DRN 2892).
2. Approved for use in X12 version 8010.

COG Cognizance Symbol

DLMS Note:

FLIS DRN 8940

ESC Electrostatic Discharge Code

DLMS Note:

Use to indicate Electrostatic Discharge Code (FLIS DRN 2043).

HMC Hazardous Category Code

DLMS Note:

1. Use to indicate Hazardous Category Code (FLIS DRN 2579)
2. Approved for use in X12 version 5020.

IMC Item Management Code

DLMS Note:

FLIS DRN 2744

MAC Material Management Aggregation Code

DLMS Note:

Use this code to indicate the Material Management Aggregation Code (FLIS DRN 8925).

MCC Material Control Code

DLMS Note:

FLIS DRN 2832

MOD Cataloging Master Requirement Code (MRC) Mode Code

DLMS Note:

At this time, provisional code 'MOD' will be used for 888 version 4030. An ANSI data maintenance request has been prepared for a new data element Cataloging Master Requirement Code (MRC) Mode Code qualifier assignment for MOD in a future version. The X12.org approved code will replace MOD before submitting the ADC to ODASD(L) for approval. (FLIS DRN 4735).

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

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

SE Transaction Set Trailer

Pos: 2000Max: 1

Detail - Mandatory

Loop: N/AElements: 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.							