180 Return Merchandise Authorization and Notification

Functional Group= AN

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Return Merchandise Authorization and Notification Transaction Set (180) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can provide for customary and established business and industry practice relative to the returning of merchandise to the vendor. This transaction set may satisfy request for returns, authorization or disposition of the return, notification of return, or notification of consumer return.

Federal Note:

1. Organizations use this transaction set to report the availability of material to the wholesale distribution system, to report the automatic shipment of material to storage or repair facilities, to request cancellation of previously submitted report, and to inquire about the status of previously submitted transactions.

2. Use a single occurrence of this transaction set to transmit single or multiple material returns information transactions to one or more Inventory Control Points (ICPs) or Integrated Material Managers (IMMs).

3. A single transaction set may contain a combination of transactions for standard and nonstandard material.

4. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: http://www.dla.mil/j-6/dlmso. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

1. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table, Transportation Mode of Shipment Conversion Table, and the Accounting Classification Appendix which can be found on the DLA Logistics Management Standards web site at www.dla.mil/j-6/dlmso.

2. This DLMS Supplement to the Federal 180M implementation convention contains:

a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with DLA Logistics Management Standards prior to use.

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

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

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

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

f. Data associated with a DLMS enhancement authorized for implementation by modernized systems under DLMS migration. This data (including expanded field sizes) should be adopted during, or subsequent, to modernization when applicable to the Component's business process. Prior coordination is not required. Components should ensure that inclusion of this data in a DLMS transaction does not cause inappropriate rejection of the transaction.

3. This transaction may be used to provide Unique Item Identifier (UII) information. Refer to the Unique Identification (UID) web at URL: http://www.acq.osd.mil/dpap/sitemap.html for DoD policy and business rules.

4. This revision to the DLMS Supplement (DS) incorporates Proposed DLMS Change (PDC) and Approved DLMS Change (ADC) listed. PDC/ADCs are available from the DLA Logistics Management Standards website: http://www.dla.mil/j-6/dlmso/elibrary/Changes/processchanges.asp

- ADC 60, Revision to DS 180M, Material Returns Reporting
- ADC 60A, Addendum for Revision to DS 180M, Material Returns Reporting
- ADC 60B, Addendum for Revision to DS 180M, Material Returns Reporting, Blank Supply Condition Code on Cancellation
- ADC 77, Air Force Unique Management Coding for Materiel Management Aggregation Code (MMAC)
- ADC 170, Inclusion of Data Supporting Unique Identification (UID) of Items in DLMS Supplements 180M, Material Returns Reporting and 870M, Material Returns Supply Status
- Withdrawal of Approved MILSTRAP/MILSTRIP Change Letter (AMCL) 5 and 13, Date Packed/Expiration for Subsistence Items (Staffed by

PMCLs 3) (Supply/MILSTRIP/MILSTRAP)
- ADC 435, DLMS Revisions for SFIS Compliance
- ADC 436, Administrative Revisions to DLMS Supplements to Remove Obsolete Routing Identifier Code (RIC) "Streamline" Notes and Update MILSTRIP/DLMS Documentation Associated with Routing Identifiers

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
10	ST	Transaction Set Header	M	1			Must use
20	BGN	Beginning Segment	M	1			Must use
* 30	RDR	Return Disposition Reason	O	1			Not Used
* 40	PRF	Purchase Order Reference	O	1			Not Used
* 50	DTM	Date/Time Reference	O	10			Not Used
* 60	N9	Reference Identification	O	10			Not Used
* 70	PER	Administrative Communications Contact	O	2			Not Used
* 80	SAC	Service, Promotion, Allowance, or Charge Information	O	10			Not Used
* 85	G38	Claim Payment Information	O	1			Not Used
* 90	PKG	Marking, Packaging, Loading	O	5			Not Used
* 100	TD1	Carrier Details (Quantity and Weight)	O	10			Not Used
* 110	TD5	Carrier Details (Routing Sequence/Transit Time)	O	10			Not Used
* 115	NTE	Note/Special Instruction	O	5			Not Used
LOOP ID - N1					**200**		
120	N1	Name	O	1			Must use
* 130	N2	Additional Name Information	O	2			Not Used
* 140	N3	Address Information	O	2			Not Used
* 150	N4	Geographic Location	O	1			Not Used
* 160	PER	Administrative Communications Contact	O	5			Not Used
* LOOP ID - LM					**10**		
* 170	LM	Code Source Information	O	1			Not Used
180	LQ	Industry Code	M	100			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - BLI					**>1**	**N2/10L**	
10	BLI	Baseline Item Data	O	1		N2/10	Must use
11	N9	Reference Identification	O	20			Must use
* 20	PID	Product/Item Description	O	5			Not Used
* 30	RDR	Return Disposition Reason	O	1			Not Used
* 40	SAC	Service, Promotion, Allowance, or Charge Information	O	10			Not Used
* 42	AMT	Monetary Amount	O	>1			Not Used
* 44	MEA	Measurements	O	>1			Not Used
* 46	CRC	Conditions Indicator	O	>1			Not Used
* 48	NTE	Note/Special Instruction	O	>1			Not Used
* 50	PRF	Purchase Order Reference	O	1			Not Used
* 52	DTM	Date/Time Reference	O	15			Not Used
* 53	DD	Demand Detail	O	100			Not Used
* 54	GF	Furnished Goods and Services	O	1			Not Used
55	TD5	Carrier Details (Routing Sequence/Transit Time)	O	5			Used
* 56	SDQ	Destination Quantity	O	100			Not Used
LOOP ID - LM					**10**		

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
57	LM	Code Source Information	O	1			Must use
58	LQ	Industry Code	M	100			Must use
LOOP ID - N1					**200**		
60	N1	Name	O	1			Must use
* 70	N2	Additional Name Information	O	2			Not Used
* 80	N3	Address Information	O	2			Not Used
* 90	N4	Geographic Location	O	1			Not Used
* 100	PER	Administrative Communications Contact	O	5			Not Used
LOOP ID - QTY					**>1**		
110	QTY	Quantity	O	1			Must use
* 120	AMT	Monetary Amount	O	5			Not Used
130	DTM	Date/Time Reference	O	10			Used
* 140	N1	Name	O	1		N2/140	Not Used
LOOP ID - LM					**10**		
150	LM	Code Source Information	O	1			Used
160	LQ	Industry Code	M	100			Must use
LOOP ID - LX					**>1**	**N2/170L**	
170	LX	Assigned Number	O	1		N2/170	Used
180	N9	Reference Identification	O	>1			Used
* 190	DTM	Date/Time Reference	O	10			Not Used
200	N1	Name	O	1		N2/200	Used
* LOOP ID - LM					**10**		
* 210	LM	Code Source Information	O	1			Not Used
220	LQ	Industry Code	M	100			Must use
LOOP ID - FA1					**>1**		
225	FA1	Type of Financial Accounting Data	O	1			Used
226	FA2	Accounting Data	M	>1			Must use
230	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/10L   Quantity is specified either in the BLI segment (BLI03) or in the QTY segment.

2/10   Quantity is specified either in the BLI segment (BLI03) or in the QTY segment.

2/140   The N1 segment is used to identify the location of the material specified in the QTY loop.

2/170L   The LX loop conveys serial number, lot number and inventory data.

2/170   The LX loop conveys serial number, lot number and inventory data.

2/200   The N1 segment identifies the name of the manufacturer associated with the serial or lot number specified in the LX loop.

ST   Transaction Set Header

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

User Option (Usage): Must use

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

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use	1

Description: Code uniquely identifying a Transaction Set

Code	Name
180	Return Merchandise Authorization and Notification

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use	1

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Federal Note: *A unique number assigned by the originator of the transaction set, or the originator's application program.*

BGN   Beginning Segment

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

User Option (Usage): Must use

Purpose: To indicate the beginning of a transaction set

Syntax Rules:

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

Semantics:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BGN01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

Code Name

00   Original

77   Simulation Exercise

> **DLMS Note:**
>
> *Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.*

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

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

Federal Note: *Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BGN03	373	**Date**	M	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BGN04	337	**Time**	X	TM	4/8	Must use	1

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		2. Express time in a four-position (HHMM) format.					
BGN07	640	**Transaction Type Code**	O	ID	2/2	Must use	1

Description: Code specifying the type of transaction

Code Name

FT   Material Returns

DLMS Note:

Use to indicate the transaction set contains material returns program transactions. No action code required when used for initial asset report (DLSS DI Code FTE/FTG).

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

Description: Code indicating type of action

DLMS Note: *Use to indicate that the transaction set contains transactions notifying ICPs/IMMs of automatic shipments, requesting ICP/IMM cancellation of previously submitted reports, or inquiring about the status of previously submitted transactions.*

Code Name

C   Cancelled

DLMS Note:

Use to indicate a request to cancel a previously submitted report of material availability (DLSS DI Code FTC).

T   Status Query

DLMS Note:

Use to indicate an inquiry to the ICP/IMM requesting a reply to a previously submitted report of material availability (DLSS DI Code FTF).

RF   Returned to Shipper's Facility (Other Than Original Shipping Location)

DLMS Note:

Use to indicate a notification of an automatic return shipment (DLSS DI Code FTA).

RS   Report Status

DLMS Note:

Use for customer followup indicating a request to provide receipt status for material previously reported as shipped (DLSS DI Code FTT).

N1 Name

<table>
<tr><td>Pos: 120</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 4</td></tr>
</table>

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.

Federal Note:

Must use this 1/N1/120 loop to identify the organization originating the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use	1

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

Code	Name
41	Submitter

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

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

Code	Name
1	D-U-N-S Number, Dun & Bradstreet

DLMS Note:
DLMS enhancement; see introductory DLMS note 2a.

| 9 | D-U-N-S+4, D-U-N-S Number with Four Character Suffix |

DLMS Note:
DLMS enhancement; see introductory DLMS note 2a.

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

DLMS Note:
DLMS enhancement; see introductory DLMS note 2a.

| A2 | Military Assistance Program Address Code (MAPAC) |

DLMS Note:
Use to indicate the Security Assistance structured address data.

| M4 | Department of Defense Routing Identifier Code (RIC) |

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N104	67	**Identification Code**	X	AN	2/80	Must use	1

Description: Code identifying a party or other code

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N106	98	**Entity Identifier Code**	O	ID	2/3	Must use	1

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep

Code Name

FR   Message From

> **Federal Note:**
> *Must use to indicate that the organization cited in N104 originated the transaction set.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep

Code Name

FR   Message From

BLI   Baseline Item Data

Pos: 10	**Max: 1**
Detail - Optional	
Loop: BLI	**Elements: 6**

User Option (Usage): Must use

Purpose: To specify basic item data: item identification, quantity, and price

Syntax Rules:

1. P0506 - If either BLI05 or BLI06 is present, then the other is required.
2. C0706 - If BLI07 is present, then BLI06 is required.
3. P0809 - If either BLI08 or BLI09 is present, then the other is required.
4. P1011 - If either BLI10 or BLI11 is present, then the other is required.
5. P1213 - If either BLI12 or BLI13 is present, then the other is required.

Semantics:

1. BLI04, the unit of measure code applies to both quantity, (BLI03) and unit price (BLI06), unless BLI07 is present, in which case BLI04 applies only to BLI03, and BLI07 applies only to BLI06.

Comments:

1. Element 235/234 combinations should be interpreted to include products or services. See the Data Element Dictionary for a complete list of IDs.
2. BLI01, BLI02, and BLI08 through BLI13 provide for four different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model, SKU.

Federal Note:

Must use to identify the material associated with the transaction.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BLI01	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use	1

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

DLMS Note: *Use only one of codes A1, A2, A4, FB, FS, MG, YP or ZZ to identify the material. Must use the National Stock Number (NSN) when known, except when appropriate brand name subsistence items are identified by the Subsistence Identification Number.*

Code Name

A1   Plant Equipment Number

    DLMS Note:

     1. Use to identify plant equipment.

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

A2   Department of Defense Identification Code (DoDIC)

    DLMS Note:

     1. Use to identify ammunition items.

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

A4   Subsistence Identification Number

    DLMS Note:

     Use to identify subsistence items.

FB   Form Number

    DLMS Note:

     1. Use to identify the form stock number.

Code Name

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

FS   National Stock Number

MG   Manufacturer's Part Number

DLMS Note:

Use to identify nonstandard material.

YP   Publication Number

DLMS Note:

1. Use to identify the publication stock number.

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

ZZ   Mutually Defined

DLMS Note:

Use to identify nonstandard material when all other authorized codes do not apply or cannot be determined (includes management control numbers and locally assigned control numbers). May be used for DLSS-to-DLMS conversion when the translator cannot determine a more appropriate code.

BLI02	234	**Product/Service ID**	M	AN	1/48	Must use	1

Description: Identifying number for a product or service

BLI05	236	**Price Identifier Code**	X	ID	3/3	Used	1

Description: Code identifying pricing specification

Federal Note: *Use to provide the unit price for non-standard material only.*

DLMS Note: *DLMS enhancement; see introductory DLMS note 2a.*

Code Name

ACT   Actual

EST   Estimated Price

BLI06	212	**Unit Price**	X	R	1/17	Used	1

Description: Price per unit of product, service, commodity, etc.

BLI08	235	**Product/Service ID Qualifier**	X	ID	2/2	Used	1

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

Code Name

ZB   Commercial and Government Entity (CAGE) Code

DLMS Note:

Use with BLI01 code MG to uniquely identify a manufacturer's part number.

BLI09	234	**Product/Service ID**	X	AN	1/48	Used	1

Description: Identifying number for a product or service

N9   Reference Identification

<table>
<tr><td>Pos: 11</td><td>Max: 20</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: BLI</td><td>Elements: 3</td></tr>
</table>

User Option (Usage): Must use

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

Syntax Rules:

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

Semantics:

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

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

Code	Name
TG	Transportation Control Number (TCN)

    DLMS Note:

    1. Enter the shipment unit TCN on customer follow up due to nonreceipt of receipt acknowledgement.

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

Code	Name
TN	Transaction Reference Number

    DLMS Note:

    Must use to identify the transaction number for each transaction. This is the document number.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N902	127	**Reference Identification**	X	AN	1/30	Must use	1

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N907-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

    Description: Code qualifying the Reference Identification

Code	Name
W8	Suffix

    DLMS Note:

    Use with N901 code TN in cancellation requests (BGN08 code C) and inquiries (BGN08 code RS), to identify the transaction number suffix.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N907-02	127	**Reference Identification**	M	AN	1/30	Must use	1

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

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 55	**Max: 5**
Detail - Optional	
Loop: BLI	**Elements: 1**

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time information

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
TD504	91	**Transportation Method/Type Code**	X	ID	1/2	Used	1

Description: Code specifying the method or type of transportation for the shipment

Federal Note: *Use to identify the mode of shipment.*

DLMS Note: *1. DLMS users see the Transportation Mode of Shipment Conversion Table for available codes.*

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

LM	Code Source Information	Pos: 57	Max: 1
		Detail - Optional	
		Loop: LM	Elements: 1

User Option (Usage): Must use

Purpose: To transmit standard code list identification information

Comments:

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

Federal Note:

Must use this 2/LM/057 loop to identify coded information maintained in department or agency documentation.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LM01	559	**Agency Qualifier Code**	M	ID	2/2	Must use	1

Description: Code identifying the agency assigning the code values

Code	Name
DF	Department of Defense (DoD)

LQ   Industry Code

Pos: 58	**Max: 100**
Detail - Mandatory	
Loop: LM	**Elements: 2**

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

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

Federal Note:

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

Element Summary:

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

Description: Code identifying a specific industry code list

Federal Note: *Use any code.*

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

Code	Name
0	Document Identification Code

DLMS Note:

1. The DLSS DI Code is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the DI Code in a full DLMS environment will be assessed at a future date.

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

78	Project Code

DLMS Note:

Use as needed to identify special programs, exercises, projects, operations, and other purposes.

79	Priority Designator Code

DLMS Note:

Use for notification for automatic returns.

80	Advice Code
87	Subsistence Type of Pack Code

DLMS Note:

Use with subsistence items only.

A9	Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

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

3. Expanded use of this field for supplemental data with out size restriction is a DLMS enhancement; see introductory DLMS note 2a.

4. Under full DLMS, the requirement to pass activity address information within the supplement data field will be streamlined. Activity address data previously contained in the SUPAAD will be reflected exclusively in the N1 segment. Future streamlined data; see introductory DLMS note 2c.

AJ	Utilization Code

DLMS Note:

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

Code	Name
	2. DLMS enhancement; see introductory DLMS note 2a.
AL	Special Requirements Code

DLMS Note:

1. Under DLSS, this is carried in the required delivery date field.

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

DE	Signal Code

DLMS Note:

Future streamlined data; see introductory DLMS note 2c.

DF	Media and Status Code

DLMS Note:

Future streamlined data; see introductory DLMS note 2c.

GQ	Group Qualifier Code

DLMS Note:

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

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

COG	Cognizance Symbol

DLMS Note:

1. Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

2. DLMS enhancement.

IMC	Item Management Code

DLMS Note:

1. Use to identify the Item Management Code (IMC) for integrated material management. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

2. DLMS enhancement.

MCC	Material Control Code

DLMS Note:

1. Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

2. DLMS enhancement.

SMI	Special Material Identification Code

DLMS Note:

1. Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

2. DLMS enhancement.

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

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

N1   Name

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.

Federal Note:

1. Must use one iteration of this 2/N1/060 loop to identify the organization to receive the transaction.

2. Use additional iterations to identify other organizations associated with the transaction.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use	1

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

Federal Note: *Use any code.*

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

Code	Name
77	Service Location

DLMS Note:

1. Use for material availability reports and automatic shipment notifications to identify the party to receive packing, crating, and handling credit when different from the party to receive credit for material. Data maintenance action to add qualifier CRP for this purpose has been approved for a future version.

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

CN	Consignee

DLMS Note:

Use in automatic shipment notifications to identify the consignee for the returned material.

SF	Ship From

DLMS Note:

Use in material availability reports and automatic shipment notifications to identify the organization from which the material is shipped.

Z1	Party to Receive Status

DLMS Note:

Use to identify the party to receive status when different from Service/Agency prescribed status recipient. Use multiple iterations to identify all status recipients, as required.

Z4	Owning Inventory Control Point
ZB	Party to Receive Credit

DLMS Note:

1. Use as needed for material availability reports and automatic shipment notifications to identify the organization to receive credit.

2. Use for SFIS compliant systems to identify the BPN of the party to receive credit. BPN may only be used when the corresponding DoDAAC is also provided. This will require a second iteration of the N1

		Code	**Name**					
			loop with the same qualifier.					
			3. Authorized DLMS enhancement; see introductory DLMS note 2f.					
		ZZ	Mutually Defined					

DLMS Note:

1. Use for material availability reports and automatic shipment notifications to identify the party to receive transportation credit when different from the party to receive credit for material.

An ANSI data maintenance was approved in version 5010. The approved code/name is "AEJ - Party to Receive Transportation Credit".

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

N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use	1

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

Code	**Name**
1	D-U-N-S Number, Dun & Bradstreet

DLMS Note:

DLMS enhancement; see introductory note 2a.

9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix

DLMS Note:

DLMS enhancement; see introductory note 2a.

10	Department of Defense Activity Address Code (DODAAC)

DLMS Note:

DLMS enhancement; see introductory note 2a.

50	Business License Number

DLMS Note:

1. Use for SFIS to map to SFIS Data element "Business Partner Number TP3". Enter the seller's BPN in N104.

2. Authorized DLMS enhancement; see introductory note 2f.

A2	Military Assistance Program Address Code (MAPAC)

DLMS Note:

Use to indicate the Security Assistance structured address data.

M4	Department of Defense Routing Identifier Code (RIC)

N104	67	**Identification Code**	X	AN	2/80	Must use	1

Description: Code identifying a party or other code

N106	98	**Entity Identifier Code**	O	ID	2/3	Used	1

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

Code	**Name**
TO	Message To

Federal Note:

Must use with the appropriate 2/N101/060 code to indicate the organization cited in N104 is receiving the transaction.

QTY   Quantity

<table>
<tr><td colspan="2">Pos: 110</td><td>Max: 1</td></tr>
<tr><td colspan="3" align="center">Detail - Optional</td></tr>
<tr><td>Loop: QTY</td><td colspan="2">Elements: 3</td></tr>
</table>

User Option (Usage): Must use

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.

Federal Note:

Use multiple iterations of the 2/QTY/110 loop to stratify quantities associated with the transaction by supply condition code.

DLMS Note:

Stratification of quantity by supply condition is a DLMS enhancement; see DLMS note 2a.

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

Code	Name
01	Discrete Quantity

DLMS Note:

Use in requests for cancellation to identify the quantity from the original report of material availability which is no longer available.

28	Quantity Available for Return

DLMS Note:

Use in reports of material availability.

38	Original Quantity

DLMS Note:

Use in inquiries requesting a reply to a previously submitted report to identify the quantity of the original report.

39	Shipped Quantity

DLMS Note:

Use in notifications of automatic shipment.

AA	Unacknowledged Quantity

DLMS Note:

Use in receipt acknowledgment inquiries to identify the quantity shipped.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY02	380	**Quantity**	X	R	1/15	Must use	1

Description: Numeric value of quantity

Federal Note: *Express the quantity as a whole number with no decimal.*

DLMS Note: *A field size exceeding 5 positions (seven for FSG 13, ammunition) may not be received or understood by recipient's automated processing system. See introductory DLMS note 2d.*

QTY03	C001	**Composite Unit of Measure**	O	Comp		Used	1

Description: To identify a composite unit of

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		measure(See Figures Appendix for examples of use)					
QTY03-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use	1

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Federal Note: *Use to identify the unit of issue.*

DLMS Note: *DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.*

DTM Date/Time Reference

Pos: 130	**Max: 10**
	Detail - Optional
Loop: QTY	**Elements: 2**

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Syntax Rules:

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

Federal Note:

Use multiple repetitions to identify dates associated with the material.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use	1

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

Code	Name
168	Release

> **DLMS Note:**
>
> *1. Enter the date materiel was released to the carrier.*
>
> *2. Future streamlined data; see introductory DLMS note 2c.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM02	373	**Date**	X	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

LM   Code Source Information

Pos: 150	**Max: 1**
Detail - Optional	
Loop: LM	**Elements: 1**

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

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

Federal Note:

Use the 2/LM/150 loop to identify the supply condition of the material.

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
DF	Department of Defense (DoD)

LQ   Industry Code

<table>
<tr><td>Pos: 160</td><td>Max: 100</td></tr>
<tr><td colspan="2" align="center">Detail - Mandatory</td></tr>
<tr><td>Loop: LM</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

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

Federal Note:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ01	1270	**Code List Qualifier Code**	O	ID	1/3	Must use	1
		Description: Code identifying a specific industry code list					

Code	Name
83	Supply Condition Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ02	1271	**Industry Code**	X	AN	1/30	Must use	1
		Description: Code indicating a code from a specific industry code list					

LX   Assigned Number

<table>
<tr><td>Pos: 170</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: LX</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Used

Purpose: To reference a line number in a transaction set

Federal Note:

Use as a counter for reports of material availability and notifications of automatic shipment to identify the number of 2/LX/170 loop iterations.

DLMS Note:

1. *Use the 2/LX/170 loop to provide unique item tracking (UIT) information for controlled material.*

2. *UIT information is provided as a DLMS enhancement; see introductory DLMS note 2a.*

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

      Federal Note: *In the first 2/LX/170 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.*

N9   Reference Identification

Pos: 180	**Max: >1**
Detail - Optional	
Loop: LX	**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.

Federal Note:

Use the 2/N9/180 loop to provide Unique Identification (UID) information for the purpose of Unique Item Tracking (UIT).

DLMS Note:

1. Must use the 2/N9/180 loop in Material Returns Reporting (Issue) transactions when the item identified is subject to UIT requirements.

2. This transaction will support item identification based upon the UII or the serial number.

3. This transaction also provides for use of a batch/lot number.

4. The entire 2/N9/180 loop is a DLMS enhancement. See introductory DLMS note 2a.

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

Code	Name
BT	Batch Number

    DLMS Note:

1. Use to identify the manufacturer's batch/lot number or other number identifying the production run.

2. Use 'BT' in 2/N901/180 when UII or serial number does not apply for the item.

SE	Serial Number

    DLMS Note:

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

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

U3	Unique Supplier Identification Number (USIN)

    DLMS Note:

1. Use to identify the UII. Place UII value in N903. Use this qualifier for unique item tracking based upon the UII. A data maintenance action was approved in version 5020. The approved code/name is "UII - Department of Defense Unique Item Identifier".

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N902	127	**Reference Identification**	X	AN	1/30	Used	1

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

    DLMS Note: *Use to indicate serial number when N901=SE.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N903	369	**Free-form Description**	X	AN	1/45	Used	1

Description: Free-form descriptive text

DLMS Note: *Use to indicate UII value when N901=U3.*

N1 Name

<table>
<tr><td>Pos: 200</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: LX</td><td>Elements: 3</td></tr>
</table>

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.

Federal Note:

Use to identify the manufacturer of the UIT item.

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**
MF	Manufacturer of Goods

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

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

Code	**Name**
33	Commercial and Government Entity (CAGE)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N104	67	**Identification Code**	X	AN	2/80	Must use	1

Description: Code identifying a party or other code

FA1   Type of Financial Accounting Data

Pos: 225	Max: 1
Detail - Optional	
Loop: FA1	Elements: 2

User Option (Usage): Used

Purpose: To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

Semantics:

1. FA101 Identifies the organization controlling the assignment of financial accounting information.
2. FA102 Identifies the purpose of the accounting allowance or charge information.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
FA101	559	**Agency Qualifier Code**	M	ID	2/2	Must use	1

Description: Code identifying the agency assigning the code values

Code	Name
DF	Department of Defense (DoD)

Federal Note:

Use to indicate that the Component originating the funds is a Department of Defense agency, including DLA.

Code	Name
DN	Department of the Navy

Federal Note:

Includes the United States Marine Corps.

Code	Name
DY	Department of Air Force
DZ	Department of Army
FG	Federal Government

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
FA102	1300	**Service, Promotion, Allowance, or Charge Code**	O	ID	4/4	Used	1

Description: Code identifying the service, promotion, allowance, or charge

DLMS Note: *All qualifiers listed below are associated with DLMS enhancement; see introductory DLMS note 2a.*

Code	Name
A170	Adjustments

DLMS Note:

Use only for adjustments not specified by any other code.

Code	Name
A520	Base Charge

DLMS Note:

Use for material charges only.

Code	Name
C930	Export Shipping Charge
D340	Goods and Services Charge

DLMS Note:

Use for both materials and related services.

Code	Name
F060	Other Accessorial Service Charge
F560	Premium Transportation
I260	Transportation Direct Billing

DLMS Note:

Use for non-premium transportation.

Code	Name
R060	Packing, Crating, and Handling Charge

FA2 Accounting Data

Pos: 226	**Max: >1**
Detail - Mandatory	
Loop: FA1	**Elements: 2**

User Option (Usage): Must use

Purpose: To specify the detailed accounting data

Federal Note:

Must use this segment to identify the various components of the line of accounting and numbers associated with a line of accounting.

DLMS Note:

All qualifiers listed below - with exception of B5, Fund Code - are associated with a DLMS enhancement; see introductory DLMS note 2a.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
FA201	1196	**Breakdown Structure Detail Code**	M	ID	2/2	Must use	1

Description: Codes identifying details relating to a reporting breakdown structure tree

Code	Name
B5	Fund Code
I1	Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
L1	Accounting Installation Number

Federal Note:

Use to indicate the Accountable Station Number. The Accountable Station Code is the Fiscal Station Number (FSN) of both the Army and the Office of the Secretary of Defense (OSD), the Authorization Accounting Activity (AAA) of the Navy, or the Accounting and Disbursing Station Number (ADSN) used by the Air Force. The Accountable Station Codes (TAC3) are published in the DoD 7000.14-R (Financial Management Regulation). Civilian Agencies will cite their equivalent organization code.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
FA202	1195	**Financial Information Code**	M	AN	1/80	Must use	1

Description: Code representing financial accounting information

SE Transaction Set Trailer

Pos: 230	**Max: 1**
Detail - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

1. SE is the last segment of each transaction set.

Element Summary:

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