830   Planning Schedule with Release Capability

Functional Group=PS

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Planning Schedule with Release Capability Transaction Set (830) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business practice relative to the transfer of forecasting/material release information between organizations.The planning schedule transaction may be used in various ways or in a combination of ways, such as: (1) a simple forecast; (2) a forecast with the buyer's authorization for the seller to commit to resources, such as labor or material; (3) a forecast that is also used as an order release mechanism, containing such elements as resource authorizations, period-to-date cumulative quantities, and specific ship/delivery patterns for requirements that have been represented in "buckets," such as weekly, monthly, or quarterly. The order release forecast may also contain all data related to purchase orders, as required, because the order release capability eliminates the need for discrete generation of purchase orders.

DLMS Note:

1. Organizations use this transaction set to report war reserve materiel (WRM) requirements data to integrated material managers (IMMs)/inventory control points (ICPs). Use a single occurrence of this transaction set to transmit war reserve materiel requirements to one or more organizations. Additionally, use one occurrence of this transaction set to transmit a single or multiple transactions.

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

3. This DLMS Implementation Convention contains:

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

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

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

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

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

- ADC 77, Air Force Unique Management Coding for Materiel Management Aggregation Code (MMAC)
- ADC 150, Revise DLMS Supplement (DS) 830W, War Materiel Requirements, with Administrative Changes
- ADC 436, Administrative Revisions to DLMS Supplements to Remove Obsolete Routing Identifier Code (RIC) "Streamline" Notes and Update MILSTRIP/DLMS Documentation Associated with Routing Identifiers
- Organizational Name and Other Non-Substantive (Administrative) Updates Completed on August 05, 2015
- ADC 1043C, Administrative Corrections for SLOA Data in the 810L Logistics Bill and other DLMS ICs
- Administrative Update to Reflect Realignment to Recognize DLMS Program Office Completed on December 28, 2016
- ADC 1287 DLMS Implementation Convention (IC) Revisions for Data Element Mapping (Form Stock Number and Manufacturer's Part Number), Removal of Plant Equipment Number, and Administrative Updates
- Administrative Update to Reflect Realignment of DLMS Program Office to Enterprise Business Standards Office (EBSO) - Completed on January 09, 2019
- ADC 1367, Administrative Update to Convert Federal Notes to DLMS Notes within DLMS Implementation Conventions
- Administrative Update to Reflect Realignment of Enterprise Business Standards Office (EBSO) to Defense Enterprise Data Standards Office (DEDSO) - Completed on March 1, 2022
- ADC 1412, Replacement of Data Universal Numbering System Number with Unique Entity Identifier and Electronic Funds Transfer Indicator to Wide Area Workflow

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
10	ST	Transaction Set Header	M	1			Must use
20	BFR	Beginning Segment for Planning Schedule	M	1			Must use
* 25	XPO	Preassigned Purchase Order Numbers	O	>1			Not Used
* 40	CUR	Currency	O	1			Not Used
* 50	REF	Reference Identification	O	12			Not Used
* 60	PER	Administrative Communications	O	3			Not Used

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
		Contact					
* 70	TAX	Tax Reference	O	3			Not Used
* 80	FOB	F.O.B. Related Instructions	O	1			Not Used
* 90	CTP	Pricing Information	O	25			Not Used
* 100	SAC	Service, Promotion, Allowance, or Charge Information	O	25			Not Used
* 110	CSH	Sales Requirements	O	1			Not Used
* 120	ITD	Terms of Sale/Deferred Terms of Sale	O	2			Not Used
* 130	DTM	Date/Time Reference	O	10			Not Used
* 140	PID	Product/Item Description	O	200			Not Used
* 150	MEA	Measurements	O	40			Not Used
* 160	PWK	Paperwork	O	25			Not Used
* 170	PKG	Marking, Packaging, Loading	O	25			Not Used
* 180	TD1	Carrier Details (Quantity and Weight)	O	2			Not Used
* 190	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Not Used
* 200	TD3	Carrier Details (Equipment)	O	12			Not Used
* 210	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Not Used
* 220	MAN	Marks and Numbers	O	10			Not Used
LOOP ID - N1					**200**		
230	N1	Name	O	1			Must use
* 240	N2	Additional Name Information	O	2			Not Used
* 250	N3	Address Information	O	2			Not Used
* 260	N4	Geographic Location	O	1			Not Used
* 270	REF	Reference Identification	O	12			Not Used
* 280	PER	Administrative Communications Contact	O	3			Not Used
* 290	FOB	F.O.B. Related Instructions	O	1			Not Used
* LOOP ID - LM					**>1**		
* 300	LM	Code Source Information	O	1			Not Used
310	LQ	Industry Code	M	100			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - LIN					**>1**		
10	LIN	Item Identification	M	1			Must use
* 20	UIT	Unit Detail	O	1			Not Used
21	DTM	Date/Time Reference	O	10			Must use
* 30	CUR	Currency	O	1			Not Used
* 60	PO3	Additional Item Detail	O	25			Not Used
* 70	CTP	Pricing Information	O	25			Not Used
* 80	PID	Product/Item Description	O	1000			Not Used
* 90	MEA	Measurements	O	40			Not Used
* 100	PWK	Paperwork	O	25			Not Used
* 110	PKG	Marking, Packaging, Loading	O	25			Not Used
* 120	PO4	Item Physical Details	O	1			Not Used
* 130	PRS	Part Release Status	O	1			Not Used
140	REF	Reference Identification	O	12			Used
* 150	PER	Administrative Communications Contact	O	3			Not Used
* 170	SAC	Service, Promotion, Allowance, or Charge Information	O	25			Not Used

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* 180	ITD	Terms of Sale/Deferred Terms of Sale	O	2			Not Used
* 190	TAX	Tax Reference	O	3			Not Used
* 200	FOB	F.O.B. Related Instructions	O	1			Not Used
* 210	LDT	Lead Time	O	12			Not Used
* 220	QTY	Quantity	O	>1		N2/220	Not Used
* 230	ATH	Resource Authorization	O	20			Not Used
* 240	TD1	Carrier Details (Quantity and Weight)	O	1			Not Used
* 250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Not Used
* 260	TD3	Carrier Details (Equipment)	O	12			Not Used
* 270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Not Used
* 280	MAN	Marks and Numbers	O	10			Not Used
* 290	DD	Demand Detail	O	10			Not Used
* LOOP ID - SLN					**100**		
* 300	SLN	Subline Item Detail	O	1			Not Used
* 310	PID	Product/Item Description	O	1000			Not Used
* 315	NM1	Individual or Organizational Name	O	10			Not Used
LOOP ID - N1					**200**		
320	N1	Name	O	1			Must use
* 330	N2	Additional Name Information	O	2			Not Used
* 340	N3	Address Information	O	2			Not Used
* 350	N4	Geographic Location	O	1			Not Used
* 360	REF	Reference Identification	O	12			Not Used
* 370	PER	Administrative Communications Contact	O	3			Not Used
* 380	FOB	F.O.B. Related Instructions	O	1			Not Used
LOOP ID - LM					**>1**		
390	LM	Code Source Information	O	1			Must use
400	LQ	Industry Code	M	100			Must use
LOOP ID - FST					**>1**	**N2/410L**	
410	FST	Forecast Schedule	O	1		N2/410	Must use
* 415	QTY	Quantity	O	>1			Not Used
420	SDQ	Destination Quantity	O	50			Used
LOOP ID - LM					**>1**		
430	LM	Code Source Information	O	1			Used
440	LQ	Industry Code	M	100			Must use
* LOOP ID - SDP					**260**		
* 450	SDP	Ship/Delivery Pattern	O	1			Not Used
* 460	FST	Forecast Schedule	O	260			Not Used
* LOOP ID - SHP					**25**		
* 470	SHP	Shipped/Received Information	O	1			Not Used
* 480	REF	Reference Identification	O	5			Not Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* 10	CTT	Transaction Totals	O	1		N3/10	Not Used
20	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/220   QTY is used to specify supplemental quantities relevant to the forecast function. However, QTY is not related to the actual forecast

quantity in the FST segments.

2/410L   At least one occurrence of segment FST is required, either in the FST loop or within the SDP loop. These two loops are mutually exclusive.

2/410   At least one occurrence of segment FST is required, either in the FST loop or within the SDP loop. These two loops are mutually exclusive.

3/10   Number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (FST01) for each FST segment.

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

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

Code	Name
830	Planning Schedule with Release Capability

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

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

BFR   Beginning Segment for Planning Schedule

Pos: 20	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 8**

User Option (Usage): Must use

Purpose: To indicate the beginning of a planning schedule transaction set; whether a ship or delivery based forecast; and related forecast envelope dates

Syntax Rules:

1. R0203 - At least one of BFR02 or BFR03 is required.

Semantics:

1. If BFR01 contains the value "04" (Net Change), BFR09 is required.
2. BFR02 is the identifying number for a forecast assigned by the orderer/purchaser.
3. BFR06 is the forecast horizon start date: The date when the forecast horizon (envelope) begins.
4. BFR07 is the forecast horizon end date: The date when the forecast horizon (envelope) ends.
5. BFR08 is the date forecast generated: The date the forecast data was generated.
6. BFR09 is the date forecast updated: The date the forecast was updated with "net change" data. (Used only when data element 353 in BFR01 contains the value "04", meaning net change.)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BFR01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

DLMS Note: *DLMS enhancement; see introductory DLMS note 3a.*

CodeList Summary (Total Codes: 65, Included: 2)

Code	Name
00	Original
77	Simulation Exercise

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BFR02	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

DLMS Note: *Use code "Z" for this data element to satisfy X12 syntax requirements.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BFR04	675	**Schedule Type Qualifier**	M	ID	2/2	Must use	1

Description: Code identifying the type of dates used when defining a shipping or delivery time in a schedule or forecast

CodeList Summary (Total Codes: 11, Included: 1)

Code	Name
PR	Planned Requirement Based

> **DLMS Note:**
>
> *Use to indicate that requirements data reflect forecasted requirements.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BFR05	676	**Schedule Quantity Qualifier**	M	ID	1/1	Must use	1

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		Description: Code identifying the type of quantities used when defining a schedule or forecast					

CodeList Summary (Total Codes: 4, Included: 1)

Code	Name
A	Actual Discrete Quantities

> **DLMS Note:**
> *Use to indicate that quantities reflect discrete requirements.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BFR06	373	**Date**	M	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

DLMS Note: *1. Must use to identify the forecast period start date.*

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BFR07	373	**Date**	O	DT	8/8	Used	1

Description: Date expressed as CCYYMMDD

DLMS Note: *1. Use to identify the forecast period end date.*

2. DLMS enhancement; see introductory DLMS note 3a

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BFR08	373	**Date**	M	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

DLMS Note: *1. Use to identify the transaction set preparation date. This date corresponds to the Universal Time Coordinate (UTC).*

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BFR12	783	**Planning Schedule Type Code**	O	ID	2/2	Must use	1

Description: Code identifying type of planning schedule used

CodeList Summary (Total Codes: 15, Included: 1)

Code	Name
XF	War Reserve Forecast

> **DLMS Note:**
> *Must use to indicate the transaction is a war reserve materiel requirements forecast.*

N1   Name

Pos: 230	**Max: 1**
Heading - Optional	
Loop: N1	**Elements: 4**

User Option (Usage): Must use

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

Syntax Rules:

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

Comments:

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

DLMS Note:

Must use this 1/N1/230 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

DLMS Note: *The following codes are authorized.*

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

Code	Name
41	Submitter

DLMS Note:

Must use to identify the organization submitting war reserve materiel (WRM) requirements data.

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)

CodeList Summary (Total Codes: 215, Included: 2)

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

DLMS Note:

DLMS enhancement; see introductory DLMS note 3a.

Code	Name
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

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

Code	Name
FR	Message From

Code Name

DLMS Note:

Must use to indicate the organization cited in N104 is originating the transaction.

LIN   Item Identification

Pos: 10	**Max: 1**
Detail - Mandatory	
Loop: LIN	**Elements: 4**

User Option (Usage): Must use

Purpose: To specify basic item identification data

Syntax Rules:

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

Semantics:

1. LIN01 is the line item identification

Comments:

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

DLMS Note:

1. Must use the 2/LIN/010 loop to identify the type of WRM and information related to the requirement forecast.

2. Detailed WRM data identifies incremental monthly forecast quantities for a single line item stratified by type of WRM or by type of WRM and project code.

3. When stratifying only by type of WRM (for other than Pre-Positioned War Reserve (PWR) requirements), use a single iteration of the 2/LM/390 loop to identify a single War Reserve Materiel Requirement Code and use multiple iterations of the 2/FST/410 loop to identify incremental monthly forecast quantities. Do not use the 2/LM/430 loop. This stratification method requires multiple iterations of the 2/LIN/010 loop for a single line item to identify each type of WRM.

4. When stratifying by type of WRM and project code (for other than PWR requirements), use a single iteration of the 2/LM/390 loop to identify a single War Reserve Materiel Requirement Code; use multiple iterations of the 2/FST/410 loop to identify incremental monthly forecast quantities; and use a single iteration of the 2/LM/430 loop for each iteration of the 2/FST/410 loop to identify the project code associated with the quantity. This stratification method requires multiple iterations of the 2/LIN/010 loop for a single line item to identify each type of WRM.

5. For PWR forecast requirements, do not use the 2/LM/390 loop to identify the War Reserve Materiel Requirement Code. Instead, use two iterations of the 2/FST/410 loop to identify applicable incremental monthly forecast quantities; and use a single iteration of the 2/LM/430 loop, for each iteration of the 2/FST/410 loop, to identify the War Reserve Materiel Requirement Code and/or project code associated with the quantity.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN02	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: *1. Use only one of codes A2,*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		A4, FB, FS, FT, MG, or YP to identify the materiel. Must use National Stock Number (NSN) (code FS) when known, except when appropriate brand name subsistence items are identified by the Subsistence Identification Number.					
		2. When citing a manufacturer's part number (code MG), always use code ZB to identify the manufacturer's commercial and government entity (CAGE) code.					
		3. The following codes are authorized.					

CodeList Summary (Total Codes: 477, Included: 9)

Code **Name**

A2 Department of Defense Identification Code (DoDIC)

  DLMS Note:

  Use to identify ammunition items.

A4 Subsistence Identification Number

  DLMS Note:

  Use to identify subsistence items.

F4 Series Identifier

  DLMS Note:

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

FB Form Number

  DLMS Note:

  Use to identify the form stock number.

FS National Stock Number

  DLMS Note:

  Must use the NSN when known.

MG Manufacturer's Part Number

  DLMS Note:

  Use to identify nonstandard materiel.

MN Model Number

  DLMS Note:

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

SN Serial Number

  DLMS Note:

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

YP Publication Number

  DLMS Note:

  Use to identify the publication stock number.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use	1

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN04	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)

DLMS Note: *The following codes are authorized.*

CodeList Summary (Total Codes: 477, Included: 1)

Code **Name**

ZB Commercial and Government Entity (CAGE) Code

<u>Code</u>	<u>Name</u>

DLMS Note:

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

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

Description: Identifying number for a product or service

<u>Code</u>	<u>Name</u>

DTM   Date/Time Reference

Pos: 21	**Max: 10**
Detail - Optional	
Loop: LIN	**Elements: 2**

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

Syntax Rules:

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

DLMS Note:

Must use to identify the date of transaction preparation.

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

CodeList Summary (Total Codes: 1112, Included: 1)

Code	Name
097	Transaction Creation

DLMS Note:

Use to identify the date of transaction preparation.

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

DLMS Note: *DLMS enhancement; see introductory DLMS note 3a.*

REF   Reference Identification

Pos: 140	**Max: 12**
Detail - Optional	
Loop: LIN	**Elements: 2**

User Option (Usage): Used

Purpose: To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

DLMS Note: *The following code is authorized.*

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

Code	Name
TN	Transaction Reference Number

DLMS Note:

Use to identify the transaction number.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	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

N1 Name

<table>
<tr><td>Pos: 320</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - 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.

DLMS Note:

1. Must use one iteration of this 2/N1/320 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

DLMS Note: *The following codes are authorized.*

CodeList Summary (Total Codes: 1312, Included: 2)

Code	Name
KA	Item Manager

DLMS Note:
Must use to indicate the IMM/ICP.

Code	Name
ZD	Party to Receive Reports

DLMS Note:
Use to indicate the organization(s) to receive reports.

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)

CodeList Summary (Total Codes: 215, Included: 2)

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

DLMS Note:
DLMS enhancement; see introductory DLMS note 3a.

Code	Name
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	Used	1

Description: Code identifying an organizational entity, a physical location,

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		property or an individual					

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

Code	Name
TO	Message To

> **DLMS Note:**
>
> *Must use with 2/N101/320 code KA to indicate the organization cited in N104 is receiving the transaction.*

LM   Code Source Information

Pos: 390	**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.

DLMS Note:

1. Use the 2/LM/390 loop to identify coded information maintained in department or agency documentation.

2. Use the 2/LM/390 loop to stratify forecasts for other than PWR requirements by type of War Reserve Materiel Requirements Code. Cite the associated quantities in one or more iterations of the 2/FST/410 loop.

3. Do not use to identify the War Reserve Materiel Requirement Code for PWR requirements.

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

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

Code	Name
DF	Department of Defense (DoD)

LQ   Industry Code

Pos: 400	**Max: 100**
Detail - Mandatory	
Loop: LM	**Elements: 2**

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

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

DLMS Note:

Use to identify codes, 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

DLMS Note: *The following codes are authorized.*

CodeList Summary (Total Codes: 558, Included: 5)

Code	Name
0	Document Identification Code

DLMS Note:

1. Future Streamlined data; see introductory DLMS note 3c.

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

79	Priority Designator Code

DLMS Note:

Recommend using in all requisitions.

A9	Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

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

AJ	Utilization Code

DLMS Note:

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

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

LZ	War Reserve Material Requirement Code

DLMS Note:

Must use for other than PWR requirements to identify the type of war reserve requirement for which the forecast applies.

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

FST   Forecast Schedule

Pos: 410	**Max: 1**
Detail - Optional	
Loop: FST	**Elements: 4**

User Option (Usage): Must use

Purpose: To specify the forecasted dates and quantities

Syntax Rules:

1. P0607 - If either FST06 or FST07 is present, then the other is required.
2. P0809 - If either FST08 or FST09 is present, then the other is required.

Semantics:

1. If FST03 equals "F" (indicating flexible interval), then FST04 and FST05 are required. FST04 would be used for the start date of the flexible interval and FST05 would be used for the end date of the flexible interval.

Comments:

1. As qualified by FST02 and FST03, FST04 represents either a discrete forecast date, the first date of a forecasted bucket (weekly, monthly, quarterly, etc.) or the start date of a flexible interval.
2. FST06 qualifies the time in FST07. The purpose of the FST07 element is to express the specific time of day in a 24-hour clock to satisfy "just-in-time" requirements. As an alternative, the ship/delivery pattern segment (SDP) may be used to define an approximate time, such as a.m. or p.m.

DLMS Note:

1. Use multiple 2/FST/410 loop iterations to identify incremental monthly forecast quantities for other than PWR requirements associated with the War Reserve Materiel Requirements Code identified in the 2/LM/390 loop.

2. Use only two iterations of the 2/FST/410 loop when identifying the PWR requirement. One occurrence must include a FST02 code of D and the second must include a FST02 code of S.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
FST01	380	**Quantity**	M	R	1/15	Must use	1

Description: Numeric value of quantity

DLMS Note: *Use to identify the monthly forecast quantity. Express as a whole number with no decimal.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
FST02	680	**Forecast Qualifier**	M	ID	1/1	Must use	1

Description: Code specifying the sender's confidence level of the forecast data or an action associated with a forecast

DLMS Note: *The following codes are authorized.*

CodeList Summary (Total Codes: 21, Included: 2)

Code	Name
D	Planning

DLMS Note:

Use for all Other War Reserve Materiel Requirements (OWMR), repairable return, and Pre-positioned War Reserve Materiel Requirements (PWRMR) (non-protected) transactions to indicate the requirement reflects a planning requirement forecast.

Code	Name
S	Strike Protection

DLMS Note:

Use for all PWRMR (protected) transactions to indicate the requirement reflects a protected requirement forecast.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
FST03	681	**Forecast Timing Qualifier**	M	ID	1/1	Must use	1

Description: Code specifying interval grouping of the forecast

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		DLMS Note: *The following codes are authorized.*					

CodeList Summary (Total Codes: 11, Included: 1)

Code	Name
M	Monthly Bucket (Calendar Months)

DLMS Note:

Use to indicate quantities are reflected in monthly increments.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
FST04	373	**Date**	M	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

DLMS Note: *1. Use to identify the specific month of the forecast period for which the quantity applies. Assume that the first day of the month applies.*

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

SDQ   Destination Quantity

<table>
<tr><td>Pos: 420</td><td>Max: 50</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: FST</td><td>Elements: 3</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify destination and quantity detail

Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.
4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SDQ01	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					
		DLMS Note: *1. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for applicable codes.*					
		2. Future Streamlined data; see introductory DLMS note 3c.					
SDQ03	67	**Identification Code**	M	AN	2/80	Must use	1
		Description: Code identifying a party or other code					
		DLMS Note: *Use any acceptable value to satisfy X12 mandatory syntax rules.*					
SDQ04	380	**Quantity**	M	R	1/15	Must use	1
		Description: Numeric value of quantity					
		DLMS Note: *Use any acceptable value to satisfy X12 mandatory syntax rules.*					

LM   Code Source Information

<table>
<tr><td>Pos: 430</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: LM</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

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

DLMS Note:

1. Use this 2/LM/430 loop to identify coded information maintained in departmental or agency documentation.

2. Use this 2/LM/430 loop for OWMR and repairable return transactions to stratify monthly forecasts by project code.

3. Use this 2/LM/430 loop for PWR transactions to stratify monthly forecasts by type of WRM and/or project code.

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

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

Code	Name
DF	Department of Defense (DoD)

LQ   Industry Code

Pos: 440	**Max: 100**
Detail - Mandatory	
Loop: LM	**Elements: 2**

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

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

DLMS Note:

Use to identify codes, 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

DLMS Note: *The following codes are authorized.*

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

Code	Name
78	Project Code

DLMS Note:

1. Use as needed to identify the applicable war reserve project code.

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

79	Priority Designator Code

DLMS Note:

Recommend using in all requisitions.

A9	Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

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

AJ	Utilization Code

DLMS Note:

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

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

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-Material Management Aggregation code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.

LZ	War Reserve Material Requirement Code

DLMS Note:

Must use to identify PWR requirement forecast.

COG	Cognizance Symbol

DLMS Note:

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.

Code	Name
IMC	Item Management Code

DLMS Note:

Use to identify the Item Management Code (IMC) for integrated material management. 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.

Code	Name
MCC	Material Control Code

DLMS Note:

Use to identify the Material Control Code (MCC) for special inventory reporting. 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.

Code	Name
SMI	Special Material Identification Code

DLMS Note:

Use to identify the Special Material Identification Code (SMIC) for an 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.

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

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

SE   Transaction Set Trailer

Pos: 20	**Max: 1**
Summary - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

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

Comments:

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

Element Summary:

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