

# 830 Planning Schedule with Release Capability

## Functional Group=PS

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.

### 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.

### Federal Note:

1. Organizations use this transaction set to report war reserve material (WRM) requirements data to integrated material managers (IMMs)/inventory control points (ICPs).
2. Use one occurrence of this transaction set to transmit a single or multiple transactions.
3. 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/dlms>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

### DLMS Note:

1. Use a single occurrence of this transaction set to transmit war reserve material requirements to one or more organizations.
2. Users operating under the Defense Logistics Management system (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and the Accounting Classification Appendix which can be found on the Defense Logistics Management Standards Office (DLMSO) web site at <http://www.dla.mil/j-6/dlms>.
3. This DLMS Supplement 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 DLMSO 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 DLMSO 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 DLMSO 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 DLMSO prior to use.
4. This revision to the DLMS Supplement incorporates Proposed DLMS Changes (PDC) and Approved DLMS Changes (ADC) listed. PDCs/ADCs are available from the DLMSO website <http://www.dla.mil/j-6/dlms/Changes>.
  - 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

### 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

<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>
* 25	XPO	Preassigned Purchase Order Numbers	O	>1			
* 40	CUR	Currency	O	1			
* 50	REF	Reference Identification	O	12			
* 60	PER	Administrative Communications Contact	O	3			
* 70	TAX	Tax Reference	O	3			
* 80	FOB	F.O.B. Related Instructions	O	1			
* 90	CTP	Pricing Information	O	25			
* 100	SAC	Service, Promotion, Allowance, or Charge Information	O	25			
* 110	CSH	Sales Requirements	O	1			
* 120	ITD	Terms of Sale/Deferred Terms of Sale	O	2			
* 130	DTM	Date/Time Reference	O	10			
* 140	PID	Product/Item Description	O	200			
* 150	MEA	Measurements	O	40			
* 160	PWK	Paperwork	O	25			
* 170	PKG	Marking, Packaging, Loading	O	25			
* 180	TD1	Carrier Details (Quantity and Weight)	O	2			
* 190	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			
* 200	TD3	Carrier Details (Equipment)	O	12			
* 210	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			
* 220	MAN	Marks and Numbers	O	10			
<b>LOOP ID - N1</b>					<b>200</b>		
230	N1	Name	O	1			Must use
* 240	N2	Additional Name Information	O	2			
* 250	N3	Address Information	O	2			
* 260	N4	Geographic Location	O	1			
* 270	REF	Reference Identification	O	12			
* 280	PER	Administrative Communications Contact	O	3			
* 290	FOB	F.O.B. Related Instructions	O	1			
<b>* LOOP ID - LM</b>					<b>&gt;1</b>		
* 300	LM	Code Source Information	O	1			
310	LQ	Industry Code	M	100			

**Detail:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - LIN</b>					<b>&gt;1</b>		
10	LIN	Item Identification	M	1			Must use
* 20	UIT	Unit Detail	O	1			
21	DTM	Date/Time Reference	O	10			Must use
* 30	CUR	Currency	O	1			
* 60	PO3	Additional Item Detail	O	25			
* 70	CTP	Pricing Information	O	25			
* 80	PID	Product/Item Description	O	1000			
* 90	MEA	Measurements	O	40			
* 100	PWK	Paperwork	O	25			
* 110	PKG	Marking, Packaging, Loading	O	25			
* 120	PO4	Item Physical Details	O	1			
* 130	PRS	Part Release Status	O	1			
140	REF	Reference Identification	O	12			Used
* 150	PER	Administrative Communications Contact	O	3			
* 170	SAC	Service, Promotion, Allowance, or Charge Information	O	25			
* 180	ITD	Terms of Sale/Deferred Terms of Sale	O	2			
* 190	TAX	Tax Reference	O	3			
* 200	FOB	F.O.B. Related Instructions	O	1			
* 210	LDT	Lead Time	O	12			
* 220	QTY	Quantity	O	>1		N2/220	
* 230	ATH	Resource Authorization	O	20			
* 240	TD1	Carrier Details (Quantity and	O	1			

<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>
* 250	TD5	Carrier Details (Routing Weight)	O	12			
* 260	TD3	Carrier Details (Routing Sequence/Transit Time)	O	12			
* 270	TD4	Carrier Details (Equipment)	O	5			
* 280	MAN	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	10			
* 290	DD	Marks and Numbers	O	10			
<b>* LOOP ID - SLN</b>					<b>100</b>		
* 300	SLN	Demand Detail	O	1			
* 310	PID	Subline Item Detail	O	1000			
* 315	NM1	Product/Item Description	O	10			
<b>LOOP ID - N1</b>					<b>200</b>		
320	N1	Individual or Organizational Name	O	1			Must use
* 330	N2	Name	O	2			
* 340	N3	Additional Name Information	O	2			
* 350	N4	Address Information	O	1			
* 360	REF	Geographic Location	O	12			
* 370	PER	Reference Identification	O	3			
* 380	FOB	Administrative Communications Contact	O	1			
<b>LOOP ID - LM</b>					<b>≥1</b>		
390	LM	F.O.B. Related Instructions	O	1			Must use
400	LQ	Code Source Information	M	100			Must use
<b>LOOP ID - FST</b>					<b>≥1</b>	<b>N2/410L</b>	
410	FST	Forecast Schedule	O	1		N2/410	Must use
* 415	QTY	Quantity	O	>1			
420	SDQ	Destination Quantity	O	50			Used
<b>LOOP ID - LM</b>					<b>≥1</b>		
430	LM	Code Source Information	O	1			Used
440	LQ	Industry Code	M	100			Must use
<b>* LOOP ID - SDP</b>					<b>260</b>		
* 450	SDP	Ship/Delivery Pattern	O	1			
* 460	FST	Forecast Schedule	O	260			
<b>* LOOP ID - SHP</b>					<b>25</b>		
* 470	SHP	Shipped/Received Information	O	1			
* 480	REF	Reference Identification	O	5			

**Summary:**

<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>
* 10	CTT	Transaction Totals	O	1		N3/10	
20	SE	Transaction Set Trailer	M	1			Must use

# ST Transaction Set Header

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

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

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

**Semantics:**

- 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:**

<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>
ST01	143	<b>Transaction Set Identifier Code</b> <b>Description:</b> Code uniquely identifying a Transaction Set <b>Code Name</b> 830 Planning Schedule with Release Capability	M	ID	3/3	Must use	1
ST02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <b>Federal Note:</b> <i>A unique number assigned by the originator of the transaction set, or by the originator's application program.</i>	M	AN	4/9	Must use	1

# BFR Beginning Segment for Planning Schedule

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

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

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:

<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>
BFR01	353	<b>Transaction Set Purpose Code</b> <b>Description:</b> Code identifying purpose of transaction set <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 3a.</i> <b>Code Name</b> 00 Original 77 Simulation Exercise <b>DLMS Note:</b> <i>Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.</i>	M	ID	2/2	Must use	1
BFR02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Federal Note:</b> <i>Use code "Z" for this data element to satisfy X12 syntax requirements.</i>	X	AN	1/30	Must use	1
BFR04	675	<b>Schedule Type Qualifier</b> <b>Description:</b> Code identifying the type of dates used when defining a shipping or delivery time in a schedule or forecast <b>Code Name</b> PR Planned Requirement Based <b>DLMS Note:</b> <i>Use to indicate that requirements data reflect forecasted requirements.</i>	M	ID	2/2	Must use	1
BFR05	676	<b>Schedule Quantity Qualifier</b> <b>Description:</b> Code identifying the type of quantities used when defining a schedule or forecast <b>Code Name</b> A Actual Discrete Quantities <b>DLMS Note:</b> <i>Use to indicate that quantities reflect discrete requirements.</i>	M	ID	1/1	Must use	1
BFR06	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD <b>Federal Note:</b> <i>Must use to identify the forecast period start date.</i> <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 3a.</i>	M	DT	8/8	Must use	1
BFR07	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD <b>Federal Note:</b> <i>Use to identify the forecast</i>	O	DT	8/8	Used	1

<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>
		<i>period end date.</i>					
BFR08	373	<b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 3a.</i> <b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD <b>Federal Note:</b> <i>Use to identify the transaction set preparation date. This date corresponds to the Universal Time Coordinate (UTC).</i> <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 3a.</i>	M	DT	8/8	Must use	1
BFR12	783	<b>Planning Schedule Type Code</b> <b>Description:</b> Code identifying type of planning schedule used  <b>Code Name</b> XF War Reserve Forecast <b>DLMS Note:</b> <i>Must use to indicate the transaction is a war reserve material requirements forecast.</i>	O	ID	2/2	Must use	1

# N1 Name

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

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

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/N1/230 loop to identify the organization originating the transaction set.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>Federal Note:</b> <i>Use any code.</i> <b>DLMS Note:</b> <i>For DLMS use, only the following codes are authorized.</i>	M	ID	2/3	Must use	1
		<b>Code Name</b> 41 Submitter <b>DLMS Note:</b> <i>Must use to identify the organization submitting war reserve material (WRM) requirements data.</i>					
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67) <b>Code Name</b> 1 D-U-N-S Number, Dun & Bradstreet <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 3a.</i> 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 3a.</i> 10 Department of Defense Activity Address Code (DODAAC) <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 3a.</i> M4 Department of Defense Routing Identifier Code (RIC) <b>DLMS Note:</b> <i>1. Future Streamlined data; see DLMS supplement note 3c.</i>  <i>2. The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assessed at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier.</i>	X	ID	1/2	Must use	1
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	X	AN	2/80	Must use	1
N106	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>Code Name</b> FR Message From <b>Federal Note:</b> <i>Must use to indicate the organization cited in N104 is originating the transaction.</i>	O	ID	2/3	Must use	1

# LIN Item Identification

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

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

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 Material 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 Material 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 Material 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 Material Requirement Code and/or project code associated with the quantity.

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN02	235	<b>Product/Service ID Qualifier</b>	M	ID	2/2	Must use	1
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)							
<b>Federal Note:</b> Use any code.							
<b>DLMS Note:</b> 1. Use only one of codes A1, A2, A4, FB, FS, FT, MG, or YP to identify the material. 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							

<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>
		(code MG), always use code ZB to identify the manufacturer's commercial and government entity (CAGE) code. 3. For DLMS use only the following codes are authorized.					
		<b>Code Name</b>					
	A1	Plant Equipment Number <b>DLMS Note:</b> Use to identify plant equipment.					
	A2	Department of Defense Identification Code (DoDIC) <b>DLMS Note:</b> Use to identify ammunition items.					
	A4	Subsistence Identification Number <b>DLMS Note:</b> Use to identify subsistence items.					
	F4	Series Identifier <b>DLMS Note:</b> Use to identify the manufacturer's series number of the end item.					
	FB	Form Number <b>DLMS Note:</b> Use to identify the form stock number.					
	FS	National Stock Number <b>DLMS Note:</b> Must use the NSN when known.					
	MG	Manufacturer's Part Number <b>DLMS Note:</b> Use to identify nonstandard material.					
	MN	Model Number <b>DLMS Note:</b> Use to identify the manufacturer's model number of the end item.					
	SN	Serial Number <b>DLMS Note:</b> Use to identify the manufacturer's serial number of the end item.					
	YP	Publication Number <b>DLMS Note:</b> Use to identify the publication stock number.					
LIN03	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	M	AN	1/48	Must use	1
LIN04	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>Federal Note:</b> Use any note. <b>DLMS Note:</b> For DLMS use only the following codes are authorized.	X	ID	2/2	Used	1
		<b>Code Name</b>					
	ZB	Commercial and Government Entity (CAGE) Code <b>DLMS Note:</b> Use with LIN02 code MG to uniquely identify a manufacturer's part number.					
LIN05	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	X	AN	1/48	Used	1

# DTM Date/Time Reference

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

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

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:***Must use to identify the date of transaction preparation.***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>
DTM01	374	<b>Date/Time Qualifier</b> <b>Description:</b> Code specifying type of date or time, or both date and time <b>Code Name</b> 097 Transaction Creation <b>DLMS Note:</b> <i>Use to identify the date of transaction preparation.</i>	M	ID	3/3	Must use	1
DTM02	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD <b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 3a.</i>	X	DT	8/8	Must use	1

# REF Reference Identification

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

**User Option (Usage):** Used

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:**

<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>
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <b>Federal Note:</b> <i>Use any code.</i> <b>DLMS Note:</b> <i>For DLMS use, only the following code is authorized.</i> <b>Code Name</b> TN Transaction Reference Number <b>DLMS Note:</b> <i>Use to identify the transaction number.</i>	M	ID	2/3	Must use	1
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/30	Must use	1

# N1 Name

Pos: 320	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

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

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/N1/320 loop to identify the organization to receive the transaction.
2. Use additional iterations to identify other organizations associated with the transaction.

## 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>
N101	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>Federal Note:</b> Use any code. <b>DLMS Note:</b> For DLMS use, only the following codes are authorized. <b>Code Name</b> KA Item Manager <b>DLMS Note:</b> Must use to indicate the IMM/ICP. ZD Party to Receive Reports <b>DLMS Note:</b> Use to indicate the organization(s) to receive reports.	M	ID	2/3	Must use	1
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67) <b>Code Name</b> 1 D-U-N-S Number, Dun & Bradstreet <b>DLMS Note:</b> DLMS enhancement; see DLMS supplement note 3a. 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix <b>DLMS Note:</b> DLMS enhancement; see DLMS supplement note 3a. 10 Department of Defense Activity Address Code (DODAAC) <b>DLMS Note:</b> DLMS enhancement; see DLMS supplement note 3a. M4 Department of Defense Routing Identifier Code (RIC) <b>DLMS Note:</b> 1. Future Streamlined data; see DLMS supplement note 3c.  2. The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assessed at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier.	X	ID	1/2	Must use	1
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	X	AN	2/80	Must use	1
N106	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual	O	ID	2/3	Used	1

**Code Name**

TO Message To

**Federal 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

To transmit standard code list identification information

**Comments:**

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

**Federal Note:**

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

**DLMS Note:**

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

*2. Do not use to identify the War Reserve Material Requirement Code for PWR requirements.*

**Element Summary:**

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

# LQ Industry Code

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

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

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:**

<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	<b>Code List Qualifier Code</b> <b>Description:</b> Code identifying a specific industry code list <b>Federal Note:</b> <i>Use any code.</i> <b>DLMS Note:</b> <i>For DLMS use, only the following codes are authorized.</i>	O	ID	1/3	Must use	1
		<b>Code Name</b>					
	0	Document Identification Code <b>DLMS Note:</b> <i>1. Future Streamlined data; see SLMS supplement note 3c.</i> <i>2. 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.</i>					
	79	Priority Designator Code <b>DLMS Note:</b> <i>Recommend using in all requisitions.</i>					
	A9	Supplemental Data <b>DLMS Note:</b> <i>1. Use to identify supplemental address/data.</i> <i>2. Future streamlined data; see introductory DLMS note 3c.</i>					
	AJ	Utilization Code <b>DLMS Note:</b> <i>1. Under DLSS, this is the first position of the document serial number.</i> <i>2. DLMS enhancement; see introductory DLMS note 3a.</i>					
	LZ	War Reserve Material Requirement Code <b>DLMS Note:</b> <i>Must use for other than PWR requirements to identify the type of war reserve requirement for which the forecast applies.</i>					
LQ02	1271	<b>Industry Code</b> <b>Description:</b> Code indicating a code from a specific industry code list	X	AN	1/30	Must use	1

# FST Forecast Schedule

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

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

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.

## Federal 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 Material 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	Reg	Type	Min/Max	Usage	Rep
FST01	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity <b>Federal Note:</b> Use to identify the monthly forecast quantity. Express as a whole number with no decimal.	M	R	1/15	Must use	1
FST02	680	<b>Forecast Qualifier</b> <b>Description:</b> Code specifying the sender's confidence level of the forecast data or an action associated with a forecast <b>Federal Note:</b> Use any code. <b>DLMS Note:</b> For DLMS use only the following codes are authorized.	M	ID	1/1	Must use	1
		<b>Code Name</b> D Planning <b>DLMS Note:</b> Use for all Other War Reserve Material Requirements (OWMR), repairable return, and Pre-positioned War Reserve Material Requirements (PWRMR) (non-protected) transactions to indicate the requirement reflects a planning requirement forecast.					
		S Strike Protection <b>DLMS Note:</b> Use for all PWRMR (protected) transactions to indicate the requirement reflects a protected requirement forecast.					
FST03	681	<b>Forecast Timing Qualifier</b> <b>Description:</b> Code specifying interval grouping of the forecast <b>Federal Note:</b> Use any code. <b>DLMS Note:</b> For DLMS use only the following codes are authorized.	M	ID	1/1	Must use	1
		<b>Code Name</b> M Monthly Bucket (Calendar Months) <b>DLMS Note:</b> Use to indicate quantities are reflected in monthly increments.					
FST04	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	M	DT	8/8	Must use	1

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		<b>Federal Note:</b> <i>Use to identify the specific month of the forecast period for which the quantity applies. Assume that the first day of the month applies.</i>					
		<b>DLMS Note:</b> <i>DLMS enhancement; see DLMS supplement note 3a.</i>					

# SDQ Destination Quantity

Pos: 420	Max: 50
Detail - Optional	
Loop: FST	Elements: 3

**User Option (Usage):** Used

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:

<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>
SDQ01	355	<b>Unit or Basis for Measurement Code</b> <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>DLMS Note:</b> 1. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for applicable codes. 2. Future Streamlined data; see DLMS supplement note 3c.	M	ID	2/2	Must use	1
SDQ03	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code <b>Federal Note:</b> Use any acceptable value to satisfy X12 mandatory syntax rules.	M	AN	2/80	Must use	1
SDQ04	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity <b>Federal Note:</b> Use any acceptable value to satisfy X12 mandatory syntax rules.	M	R	1/15	Must use	1

# LM Code Source Information

Pos: 430	Max: 1
Detail - Optional	
Loop: LM	Elements: 1

**User Option (Usage):** Used

To transmit standard code list identification information

**Comments:**

- LM02 identifies the applicable industry code list source information.

**Federal Note:**

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

**DLMS Note:**

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

**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	<b>Agency Qualifier Code</b>	M	ID	2/2	Must use	1
		<b>Description:</b> Code identifying the agency assigning the code values					
		<u>Code</u>	<u>Name</u>				
		DF	Department of Defense (DoD)				

# LQ Industry Code

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

User Option (Usage): Must use

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	<b>Code List Qualifier Code</b> <b>Description:</b> Code identifying a specific industry code list <b>Federal Note:</b> Use any code. <b>DLMS Note:</b> For DLMS use, only the following codes are authorized.	O	ID	1/3	Must use	1
		<b>Code Name</b>					
	78	Project Code <b>DLMS Note:</b> 1. Use as needed to identify the applicable war reserve project code. 2. DLMS enhancement; see guideline note 3a.					
	79	Priority Designator Code <b>DLMS Note:</b> Recommend using in all requisitions.					
	A9	Supplemental Data <b>DLMS Note:</b> 1. Use to identify supplemental address/data. 2. Future streamlined data; see introductory DLMS note 3c.					
	AJ	Utilization Code <b>DLMS Note:</b> 1. Under DLSS, this is the first position of the document serial number. 2. DLMS enhancement; see introductory DLMS note 3a.					
	GQ	Group Qualifier Code <b>DLMS Note:</b> 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.					
	LZ	War Reserve Material Requirement Code <b>DLMS Note:</b> Must use to identify PWR requirement forecast.					
	COG	Cognizance Symbol <b>DLMS Note:</b> 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.					
	IMC	Item Management Code <b>DLMS Note:</b> 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.					
	MCC	Material Control Code <b>DLMS Note:</b> 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	<b>Industry Code</b>	X	AN	1/30	Must use	1
		<b>Description:</b> 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

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

## Comments:

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

## Element Summary:

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

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