

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.

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

Heading:

<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	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

<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>
* 60	PER	Administrative Communications Contact	O	3			Not Used
* 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:

<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>
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	O	25			Not Used

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
		Charge Information					
* 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:

<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	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:

- 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	Transaction Set Identifier Code	M	ID	3/3	Must use	1
		Description: Code uniquely identifying a Transaction Set					
		Code Name					
		830 Planning Schedule with Release Capability					
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: <i>A unique number assigned by the originator of the transaction set, or by the originator's application program.</i>					

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 DLMS supplement note 3a.*

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.

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

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

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

Code Name

PR	Planned Requirement Based
----	---------------------------

DLMS Note:

Use to indicate that requirements data reflect forecasted requirements.

BFR05	676	Schedule Quantity Qualifier	M	ID	1/1	Must use	1
-------	-----	-----------------------------	---	----	-----	----------	---

Description: Code identifying the type of quantities used when defining a schedule

<u>Ref</u>	<u>Id</u>	<u>Element Name</u> or forecast	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		Code Name A Actual Discrete Quantities					
		DLMS Note: <i>Use to indicate that quantities reflect discrete requirements.</i>					
BFR06	373	Date	M	DT	8/8	Must use	1
		Description: Date expressed as CCYYMMDD					
		Federal Note: <i>Must use to identify the forecast period start date.</i>					
		DLMS Note: <i>DLMS enhancement; see DLMS supplement note 3a.</i>					
BFR07	373	Date	O	DT	8/8	Used	1
		Description: Date expressed as CCYYMMDD					
		Federal Note: <i>Use to identify the forecast period end date.</i>					
		DLMS Note: <i>DLMS enhancement; see DLMS supplement note 3a.</i>					
BFR08	373	Date	M	DT	8/8	Must use	1
		Description: Date expressed as CCYYMMDD					
		Federal Note: <i>Use to identify the transaction set preparation date. This date corresponds to the Universal Time Coordinate (UTC).</i>					
		DLMS Note: <i>DLMS enhancement; see DLMS supplement note 3a.</i>					
BFR12	783	Planning Schedule Type Code	O	ID	2/2	Must use	1
		Description: Code identifying type of planning schedule used					
		Code Name XF War Reserve Forecast					
		DLMS Note: <i>Must use to indicate the transaction is a war reserve material requirements forecast.</i>					

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.

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	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							
41 Submitter							
DLMS Note:							
<i>Must use to identify the organization submitting war reserve material (WRM) requirements data.</i>							
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:							
<i>DLMS enhancement; see DLMS supplement note 3a.</i>							
9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix							
DLMS Note:							
<i>DLMS enhancement; see DLMS supplement note 3a.</i>							
10 Department of Defense Activity Address Code (DODAAC)							
DLMS Note:							
<i>DLMS enhancement; see DLMS supplement note 3a.</i>							
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	Must use	1
Description: Code identifying an							

<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>
		organizational entity, a physical location, property or an individual					
		Code Name					
	FR	Message From					
		Federal Note:					
		<i>Must use to indicate the organization cited in N104 is originating the transaction.</i>					

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 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:

<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>
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)

Federal Note: Use any code.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		<p>DLMS Note: 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.</p> <p>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.</p> <p>3. For DLMS use only the following codes are authorized.</p>					
		Code Name					
	A1	Plant Equipment Number					
		DLMS Note:					
		Use to identify plant equipment.					
	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 material.					
	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.					
LIN03	234	Product/Service ID	M	AN	1/48	Must use	1
		Description: Identifying number for a product or service					
LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used	1
		Description: Code identifying the type/source of the descriptive number used					

<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>
		in Product/Service ID (234)					
		Federal Note: Use any note.					
		DLMS Note: For DLMS use only the following codes are authorized.					
		Code Name					
		ZB Commercial and Government Entity (CAGE) Code					
		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					

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.

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	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

097 Transaction Creation

DLMS Note:

Use to identify the date of transaction preparation.

DTM02	373	Date	X	DT	8/8	Must use	1
-------	-----	------	---	----	-----	----------	---

Description: Date expressed as CCYYMMDD

DLMS Note: *DLMS enhancement; see DLMS supplement 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:

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

N1 Name

Pos: 320	Max: 1
Detail - 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.

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	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							
	KA	Item Manager					
DLMS Note:							
Must use to indicate the IMM/ICP.							
	ZD	Party to Receive Reports					
DLMS Note:							
Use to indicate the organization(s) to receive reports.							
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 DLMS supplement note 3a.							
	9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix					
DLMS Note:							
DLMS enhancement; see DLMS supplement note 3a.							
	10	Department of Defense Activity Address Code (DODAAC)					
DLMS Note:							
DLMS enhancement; see DLMS supplement note 3a.							
	M4	Department of Defense Routing Identifier Code (RIC)					
N104	67	Identification Code	X	AN	2/80	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>
N106	98	Entity Identifier Code	O	ID	2/3	Used	1

Description: Code identifying a party or other code

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

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

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/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	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: 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.

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	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. *Future Streamlined data; see SLMS supplement note 3c.*

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.*

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.

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.

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:

<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>
FST01	380	Quantity	M	R	1/15	Must use	1
Description: Numeric value of quantity							
Federal Note: Use to identify the monthly forecast quantity. Express as a whole number with no decimal.							
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							
Federal Note: Use any code.							
DLMS Note: For DLMS use only the following codes are authorized.							
Code Name							
D	Planning						
DLMS Note:							
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						
DLMS Note:							
Use for all PWRMR (protected) transactions to indicate the requirement reflects a protected requirement forecast.							
FST03	681	Forecast Timing Qualifier	M	ID	1/1	Must use	1
Description: Code specifying interval grouping of the forecast							

<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>
		Federal Note: Use any code.					
		DLMS Note: For DLMS use only the following codes are authorized.					
		Code	Name				
		M	Monthly Bucket (Calendar Months)				
		DLMS Note: Use to indicate quantities are reflected in monthly increments.					
FST04	373	Date		M	DT	8/8	Must use 1
		Description: Date expressed as CCYYMMDD					
		Federal Note: Use to identify the specific month of the forecast period for which the quantity applies. Assume that the first day of the month applies.					
		DLMS Note: DLMS enhancement; see DLMS supplement note 3a.					

SDQ Destination Quantity

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

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:

<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	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 DLMS supplement note 3c.					
SDQ03	67	Identification Code	M	AN	2/80	Must use	1
		Description: Code identifying a party or other code Federal 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 Federal Note: Use any acceptable value to satisfy X12 mandatory syntax rules.					

LM Code Source Information

Pos: 430	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:

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

DLMS Note:

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

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	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

78 Project Code

DLMS Note:

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

2. DLMS enhancement; see guideline 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-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

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.

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.

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:

<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	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: <i>Cite the same number as the one cited in ST02.</i>					