

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 transmit Special Program Requirements (SPRs) to Inventory Control Points (ICPs)/Integrated Material Managers (IMMs).
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 SPR transactions to one or more ICPs/IMMs. This transaction encompasses the functionality of MILSTRAP Document Identifier (DI) Codes DYA, DYB, DYC, DYD, DYG, DYH, DYJ, DYL, and DYM.
2. DLSS functionality allows for Service or Agency data in various RP(s). Data conveyed therein will require Service or Agency identification to DLA Logistics Management Standards and incorporation into the DLMS.
3. 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>.
4. 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.
5. This revision to the DLMS Supplement incorporates Proposed DLMS Changes (PDC) and Approved DLMS Changes (ADC) listed. PDCs/ADCs listed are available from the DLA Logistics Management Standards web site <http://www.dla.mil/j-6/dlms/eLibrary/changes/processchanges.asp>.
 - ADC 287, Administrative Update to DLMS Supplement 830R (Version 4010), Special Program Requirements (SPR), 870L SPR/LASE Status, and DLMS Manual (Supply/MILSTRAP)
 - ADC 436, Administrative Revisions to DLMS Supplements to Remove Obsolete Routing Identifier Code (RIC) "Streamline" Notes and Update MILSTRIP/DLMS Documentation Associated with Routing Identifiers

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
10	ST	Transaction Set Header	M	1			Must use
20	BFR	Beginning Segment for Planning Schedule	M	1			Must use
* 25	XPO	Preassigned Purchase Order	O	>1			Not Used

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
		Numbers					
* 40	CUR	Currency	O	1			Not Used
* 50	REF	Reference Identification	O	12			Not Used
* 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			Not Used
* 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			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			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>
* 150	PER	Administrative Communications Contact	O	3			Not Used
* 170	SAC	Service, Promotion, Allowance, or Charge Information	O	25			Not Used
* 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

<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>
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 the originator's application program.</i>					

BFR Beginning Segment for Planning Schedule

Pos: 20	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 9

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.)

DLMS Note:

DLMS enhancement; see DLMS introductory note 4a.

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	Transaction Set Purpose Code	M	ID	2/2	Must use	1
Description: Code identifying purpose of transaction set							
Code Name							
00 Original							
77 Simulation Exercise							
DLMS Note:							
<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>							
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: <i>Use code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>							
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:							
<i>Use to indicate requirements data reflecting planned program requirement projections not based on historical demand.</i>							
BFR05	676	Schedule Quantity Qualifier	M	ID	1/1	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>
		<p>Description: Code identifying the type of quantities used when defining a schedule or forecast</p> <p>Code Name A Actual Discrete Quantities</p> <p>DLMS Note: <i>Use to indicate that quantities reflect discrete requirements.</i></p>					
BFR06	373	Date	M	DT	8/8	Must use	1
		<p>Description: Date expressed as CCYYMMDD</p> <p>Federal Note: <i>Must use to identify the forecast period start date for which all identified material support should be available. This date represents the outside start date for all table 2 iterations.</i></p> <p>DLMS Note: <i>DLMS enhancement; see DLMS introductory note 4a.</i></p>					
BFR07	373	Date	O	DT	8/8	Used	1
		<p>Description: Date expressed as CCYYMMDD</p> <p>Federal Note: <i>Use to identify the forecast period end date for which all identified material support should be available. This date represents the outside end date for all table 2 iterations.</i></p> <p>DLMS Note: <i>DLMS enhancement; see DLMS introductory note 4a.</i></p>					
BFR08	373	Date	M	DT	8/8	Must use	1
		<p>Description: Date expressed as CCYYMMDD</p> <p>Federal Note: <i>Use to identify the transaction set preparation date. This date corresponds to the Universal Time Coordinate (UTC).</i></p> <p>DLMS Note: <i>DLMS enhancement; see DLMS introductory note 4a.</i></p>					
BFR12	783	Planning Schedule Type Code	O	ID	2/2	Must use	1
		<p>Description: Code identifying type of planning schedule used</p> <p>Code Name XA Requirement Forecast</p> <p>DLMS Note: <i>Must use to indicate the transaction is an SPR forecast.</i></p>					
BFR13	306	Action Code	O	ID	1/2	Used	1
		<p>Description: Code indicating type of action</p> <p>Code Name OT Other Unlisted Action</p> <p>DLMS Note: <i>Exception Data. Use only with 2/LIN01/010 codes "A" and "B". Use only when exception data is to be provided. (Associated with MILSTRAP DI Code DYB functionality when used with LIN01 code "A". Associated with DI Code DYM functionality when used with LIN01 code "B".)</i></p>					

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: <i>Use any code.</i>							
DLMS Note: <i>For DLMS use, only the following codes are authorized.</i>							
Code Name							
41 Submitter							
DLMS Note:							
<i>Must use to identify the submitter of the SPR requirement.</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 introductory note 4a.</i>							
9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix							
DLMS Note:							
<i>DLMS enhancement; see DLMS introductory note 4a.</i>							
10 Department of Defense Activity Address Code (DODAAC)							
DLMS Note:							
<i>DLMS enhancement; see DLMS introductory note 4a.</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 set.</i>					

LIN Item Identification

Pos: 10	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 5

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.

Federal Note:

Must use the 2/LIN/010 loop to identify the type of transaction, material, transaction number, and information associated with the projected requirement

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>
LIN01	350	Assigned Identification	O	AN	1/20	Must use	1

Description: Alphanumeric characters assigned for differentiation within a transaction set

DLMS Note: *The corresponding MILSTRAP DI Code functionality is shown after each code for information in a mixed DLSS/DLMS environment.*

A - SPR request (DI Code DYA/DYB)

B - SPR Security Assistance (SPR SA) request (DI Code DYL/DYM)

C - Cancellation of previously submitted SPR request. Use indicates cancellation of the entire open SPR quantity. (DI Code DYC)

D - Modification of a previously submitted SPR (DI Code DYD)

<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>E - Inquiry on status of previously submitted SPR (DI Code DYJ)</i>					
		<i>F - Acceptance of offer to provide substitute Material (DI Code DYG)</i>					
		<i>G - Rejection of offer to provide substitute Material (DI Code DYH)</i>					
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.					
		DLMS Note: 1. Use only one of codes A1, A2, A4, FB, FS, MG, or YP to identify the material. Must use the National Stock Number (NSN) (code FS) when known, except when appropriate brand name subsistence items are identified by the Subsistence Identification Number (code A4).					
		2. For DLMS use, only the following codes are authorized.					
		Code Name					
		A1 Plant Equipment Number					
		DLMS Note:					
		1. Use to identify plant equipment.					
		2. DLMS enhancement; see DLMS introductory note 4a.					
		A2 Department of Defense Identification Code (DoDIC)					
		DLMS Note:					
		1. Use to identify ammunition items.					
		2. DLMS enhancement; see DLMS introductory note 4a.					
		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:					
		1. Use to identify the form stock number.					
		2. DLMS enhancement; see DLMS introductory note 4a.					
		FS National Stock Number					
		MG Manufacturer's Part Number					
		DLMS Note:					
		1. Use to identify nonstandard material.					
		2. DLMS enhancement; see DLMS introductory note 4a.					
		MN Model Number					
		DLMS Note:					
		Use to identify the manufacturer's model number of the end item.					
		SN Serial Number					
		DLMS Note:					

Code Name

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

TP Product Type Code

DLMS Note:

For clothing and footwear, use to identify the NSN when the material requested represents a generic requirement for which the quantity should be distributed across a predefined range of sizes.

YP Publication Number

DLMS Note:

1. *Use to identify the publication stock number.*
2. *DLMS enhancement; see DLMS introductory note 4a.*

LIN03	234	Product/Service ID	M	AN	1/48	Must use	1
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Description: Identifying number for a product or service

LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used	1
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Federal Note: *Use any code.*

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

Code Name

ZB Commercial and Government Entity (CAGE) Code

DLMS Note:

1. *Use with LIN02 code MG to uniquely identify a manufacturer's part number.*
2. *DLMS enhancement; see DLMS introductory note 4a.*

LIN05	234	Product/Service ID	X	AN	1/48	Used	1
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Description: Identifying number for a product or service

PWK Paperwork

Pos: 100	Max: 25
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used**Purpose:** To identify the type or transmission or both of paperwork or supporting information**Syntax Rules:**

1. P0506 - If either PWK05 or PWK06 is present, then the other is required.

Comments:

1. PWK05 and PWK06 may be used to identify the addressee by a code number.
2. PWK07 may be used to indicate special information to be shown on the specified report.
3. PWK08 may be used to indicate action pertaining to a report.

Federal Note:

Use of this segment requires manual intervention and should only be used in extraordinary circumstances.

DLMS Note:

1. Use only with 1/BFR13/020 code "OT" to provide exception data.
2. DLMS enhancement. See introductory DLMS note 4a.

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>
PWK01	755	Report Type Code	M	ID	2/2	Must use	1
		Description: Code indicating the title or contents of a document, report or supporting item					
		Code Name					
		R6 Miscellaneous Information					
PWK07	352	Description	O	AN	1/80	Used	1
		Description: A free-form description to clarify the related data elements and their content					

REF Reference Identification

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

User Option (Usage): Must use

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.

Federal Note:

Must use to identify the transaction number associated with the SPR forecast.

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
		Description: Code qualifying the Reference Identification					
		Federal Note: <i>Use any code.</i>					
		DLMS Note: <i>For DLMS use, only the following codes are authorized.</i>					
		Code Name					
		TN Transaction Reference Number					
		DLMS Note: <i>This is the document number.</i>					
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

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 identify the ICP/IMM.

P1 Preparer

DLMS Note:

Use to identify the originator of the SPR when different from the submitting activity identified by 1/N101/230 code 41.

ST Ship To

DLMS Note:

1. Use in SPR transactions, except SPR modifications, to identify the organization expected to receive the material.

2. Use in SPR modification transactions to identify the revised organization expected to receive the material.

ZD Party to Receive Reports

N103	66	Identification Code Qualifier	X	ID	1/2	Must use	1
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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 introductory note 4a.

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

Code Name**DLMS Note:**

DLMS enhancement; see DLMS introductory note 4a.

10 Department of Defense Activity Address Code (DODAAC)

A2 Military Assistance Program Address Code (MAPAC)

DLMS Note:

Use to indicate the Security Assistance structured address data.

M4 Department of Defense Routing Identifier Code (RIC)

N104	67	Identification Code	X	AN	2/80	Must use	1
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Description: Code identifying a party or other code

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

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 DLMS introductory note 4c.

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.

78 Project Code

DLMS Note:

Use only in SPR cancellation, SPR inquiry, SPR substitute acceptance and SPR substitute rejection transactions.

79 Priority Designator Code

DLMS Note:

Recommend using in all requisitions.

80 Advice Code

DLMS Note:

Use only in SPR cancellation, SPR inquiry, SPR substitute acceptance and SPR substitute rejection transactions.

83 Supply Condition Code

DLMS Note:

Use only in SPR cancellation, SPR inquiry, SPR substitute acceptance and SPR substitute rejection transactions.

99 Purpose Code

DLMS Note:

Use only in SPR cancellation, SPR inquiry, SPR substitute acceptance and SPR substitute rejection transactions.

A6 Freight Forwarder Number

DLMS Note:

Use with SPR SA transactions in conjunction with the structured MAPAC (2/N103/320 code A2) to identify the country representative or freight forwarder expected to receive shipments and documentation.

A9 Supplemental Data

DLMS Note:

Code Name

1. Use to identify supplemental address/data.

2. During the DLSS/DLMS transition, this field will be used to perpetuate/populate the DLSS Supplementary Address (SUPAAD) field. During this time, field size is restricted to 6 positions; see introductory DLMS note 4d.

3. Expanded use of this field for supplemental data without size restriction is a DLMS enhancement; see introductory DLMS note 4a.

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

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 4a.

ED Coast Designation Code

DLMS Note:

Use only in SPR cancellation, SPR inquiry, SPR substitute acceptance and SPR substitute rejection transactions.

GQ Group Qualifier Code

DLMS Note:

Use to identify the Material Management Aggregation Code (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.

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.

IMC Item Management Code

DLMS Note:

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

MCC Material Control Code

DLMS Note:

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

SMI Special Material Identification Code

DLMS Note:

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

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

FST Forecast Schedule

Pos: 410	Max: 1
Detail - Optional	
Loop: FST	Elements: 6

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 one or multiple repetitions of the 2/FST/410 segment for SPR cancellation, SPR substitute acceptance, SPR substitute rejection, and SPR inquiry transactions to identify the quantity, support date, and suffix code, as needed, for the transaction.
2. Use one or multiple 2/FST/410 loop iterations for SPR, SPR SA and SPR modification transactions to identify and, as needed, stratify applicable SPR forecast quantities by related support dates and suffix 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>
FST01	380	Quantity	M	R	1/15	Must use	1

Description: Numeric value of quantity

Federal Note: Express as a number with no decimal.

DLMS Note: 1. A field size exceeding 5 positions (seven for FSG 13, ammunition) may not be received or understood by recipient's automated processing system. See DLMS introductory note 4d.

2. Use in SPR, SPR SA and SPR inquiry transactions to identify the forecast quantity.

3. Use in SPR substitute acceptance transactions to identify the quantity for which a substitute is acceptable.

4. Use in SPR rejection transactions to identify the quantity for which a substitute is not acceptable.

5. Use in SPR modification transactions to identify the revised SPR forecast quantity.

6. Use in SPR cancellation transactions to identify the forecast quantity to be cancelled.

FST02	680	Forecast Qualifier	M	ID	1/1	Must use	1
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Description: Code specifying the sender's confidence level of the forecast data or 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>
		action associated with a forecast					
		Code Name					
		D Planning					
		DLMS Note: <i>Use only for SPR, SPR SA, SPR substitute acceptance, SPR substitute rejection, and SPR inquiry transactions.</i>					
		W Cancellation					
		DLMS Note: <i>Use only for SPR cancellation transactions.</i>					
		X Modification					
		DLMS Note: <i>Use only for SPR modification transactions.</i>					
FST03	681	Forecast Timing Qualifier	M	ID	1/1	Must use	1
		Description: Code specifying interval grouping of the forecast					
		Code Name					
		D Discrete					
		DLMS Note: <i>Use to indicate all forecast quantities are discrete quantities.</i>					
FST04	373	Date	M	DT	8/8	Must use	1
		Description: Date expressed as CCYYMMDD					
		DLMS Note: 1. Use in SPR, SPR SA, SPR substitute acceptance, SPR substitute rejection, SPR cancellations and SPR inquiry transactions to identify the specific support date (i.e., the date on which program related requisitions will be initiated). Use in SPR modification transactions to identify the revised support date. 2. DLMS enhancement; see DLMS introductory note 4a.					
FST08	128	Reference Identification Qualifier	X	ID	2/3	Used	1
		Description: Code qualifying the Reference Identification					
		Code Name					
		W8 Suffix					
		DLMS Note: 1. Use to identify the suffix code associated with the 2/REF/140 transaction number and quantity. 2. Future Streamlined data; see DLMS introductory note 4c.					
FST09	127	Reference Identification	X	AN	1/30	Used	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					

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 introductory note 4c.					
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 mandatory X12 syntax requirements.					
SDQ04	380	Quantity	M	R	1/15	Must use	1
		Description: Numeric value of quantity Federal Note: Use any acceptable value to satisfy mandatory X12 syntax requirements.					

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:**

- 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 only in SPR, SPR SA, and SPR modification transactions to identify data associated with the forecast quantities provided in the 2/FST/410 segment.

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:

Must use for original SPR and SPR SA transactions. Use in SPR modification transactions to identify the revised project code.

79 Priority Designator Code

DLMS Note:

Recommend using in all requisitions.

80 Advice Code

DLMS Note:

Use as needed for SPR and SPR SA transactions.

83 Supply Condition Code

DLMS Note:

Use for SPR and SPR SA transactions to identify the supply condition of the required material; otherwise, do not use.

99 Purpose Code

DLMS Note:

Use for SPR and SPR SA transactions to identify the purpose of the required material.

A9 Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

2. During the DLSS/DLMS transition, this field will be used to perpetuate/populate the DLSS Supplementary Address (SUPAAD) field. During this time, field size is restricted to 6 positions; see introductory DLMS note 4d.

3. Expanded use of this field for supplemental data without size restriction is a DLMS enhancement; see introductory DLMS note 4a.

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

AJ Utilization Code

DLMS Note:

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

Code	Name					
		<i>2. DLMS enhancement; see introductory DLMS note 4a.</i>				
ED	Coast Designation Code	DLMS Note: <i>Use for original SPR and SPR SA transactions to identify the relative consignee location. Use in SPR modification transactions to identify the revised relative consignee location.</i>				
GQ	Group Qualifier Code	DLMS Note: <i>Use to identify the Material Management Aggregation Code (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.</i> <i>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.</i>				
COG	Cognizance Symbol	DLMS Note: <i>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.</i>				
IMC	Item Management Code	DLMS Note: <i>Use to identify the Item Management Code (IMC) for integrated material management. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>				
MCC	Material Control Code	DLMS Note: <i>Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>				
SMI	Special Material Identification Code	DLMS Note: <i>Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>				
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:

- 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>					