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 Demand Data Exchange (DDE) Projected Supply Plan for recurring and non-recurring demand data.

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/dlmso. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

1. Use a single occurrence of this transaction set to transmit DDE Projected Supply Plan transactions to one or more Inventory Control Points (ICPs)/Integrated Material Managers (IMMs). At this time, DDE Projected Supply Plans are only submitted to the Defense Logistics Agency (DLA) ICP/IMM."

2. The Demand Data Exchange Projected Supply Plan transaction is a DLMS enhancement. There is no corresponding DLSS transaction; however this transaction encompasses functionality of non-DLSS DLA Document Identifier (DI) code CDD. See introductory DLMS note 3a. DLMS Supplement (DS) 830D replaces DS 830R, version 4030 only, combined SPR/DDE, in its entirety."

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. 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.

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 at: http://www.dla.mil/j-6/dlmso/elibrary/Changes/processchanges.asp

- PDC 429, Administrative Revisions to DLMS Supplements to Remove Obsolete Routing Identifier Code (RIC) "Streamline" Notes and Update MILSTRIP/DLMS Documentation Associated with Routing Identifiers.

- ADC 278, Establish New DS 830D, Version 4030, for Demand Data Exchange (DDE) Projected Supply Plan, in Place of DS 830R, Version 4030, Special Program Requirements (SPR)/DDE Forecast
- ADC 284, Revisions to DLMS Supplements to Add Shop Service Center (SSC) for BRAC Inventory Management and Stock Positioning (IMSP)
- ADC 284A, Revisions to DLMS Supplements to Add Shop Service Center (SSC) for BRAC Inventory Management and Stock Positioning (IMSP)

Heading:

	Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	0100	ST	Transaction Set Header	M	1			Must use
	0200	BFR	Beginning Segment for Planning Schedule	M	1			Must use
*	0250	XPO	Preassigned Purchase Order Numbers	O	>1			Not Used
*	0400	CUR	Currency	O	1			Not Used
*	0500	REF	Reference Identification	O	12			Not Used
*	0600	PER	Administrative Communications Contact	O	3			Not Used
*	0700	TAX	Tax Reference	O	3			Not Used
*	0800	FOB	F.O.B. Related Instructions	O	1			Not Used
*	0900	CTP	Pricing Information	O	25			Not Used
*	1000	SAC	Service, Promotion, Allowance, or Charge Information	O	25			Not Used
*	1100	CSH	Sales Requirements	O	1			Not Used
*	1200	ITD	Terms of Sale/Deferred Terms of Sale	O	2			Not Used
*	1300	DTM	Date/Time Reference	O	10			Not Used
*	1400	PID	Product/Item Description	O	200			Not Used
*	1500	MEA	Measurements	O	40			Not Used
*	1600	PWK	Paperwork	O	25			Not Used
*	1700	PKG	Marking, Packaging, Loading	O	25			Not Used
*	1800	TD1	Carrier Details (Quantity and Weight)	O	2			Not Used
*	1900	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Not Used
*	2000	TD3	Carrier Details (Equipment)	O	12			Not Used
*	2100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Not Used
*	2200	MAN	Marks and Numbers	O	10			Not Used
LOOP ID - N1						**200**		
	2300	N1	Name	O	1			Must use
*	2400	N2	Additional Name Information	O	2			Not Used
*	2500	N3	Address Information	O	2			Not Used
*	2600	N4	Geographic Location	O	1			Not Used
*	2700	REF	Reference Identification	O	12			Not Used
*	2800	PER	Administrative Communications Contact	O	3			Not Used
*	2900	FOB	F.O.B. Related Instructions	O	1			Not Used
*** LOOP ID - LM**						**>1**		
*	3000	LM	Code Source Information	O	1			Not Used
	3100	LQ	Industry Code	M	100			Must use

Detail:

	Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - LIN						**>1**		
	0100	LIN	Item Identification	M	1			Must use
*	0200	UIT	Unit Detail	O	1			Not Used
*	0210	DTM	Date/Time Reference	O	10			Not Used
*	0300	CUR	Currency	O	1			Not Used
*	0600	PO3	Additional Item Detail	O	25			Not Used

	Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
*	0700	CTP	Pricing Information	O	25			Not Used
*	0800	PID	Product/Item Description	O	1000			Not Used
*	0900	MEA	Measurements	O	40			Not Used
	1000	PWK	Paperwork	O	25			Used
*	1100	PKG	Marking, Packaging, Loading	O	25			Not Used
*	1200	PO4	Item Physical Details	O	1			Not Used
*	1300	PRS	Part Release Status	O	1			Not Used
	1400	REF	Reference Identification	O	12			Must use
	1500	PER	Administrative Communications Contact	O	3			Used
*	1700	SAC	Service, Promotion, Allowance, or Charge Information	O	25			Not Used
*	1800	ITD	Terms of Sale/Deferred Terms of Sale	O	2			Not Used
*	1900	TAX	Tax Reference	O	3			Not Used
*	2000	FOB	F.O.B. Related Instructions	O	1			Not Used
*	2100	LDT	Lead Time	O	12			Not Used
*	2200	QTY	Quantity	O	>1		N2/2200	Not Used
*	2300	ATH	Resource Authorization	O	20			Not Used
*	2400	TD1	Carrier Details (Quantity and Weight)	O	1			Not Used
*	2500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Not Used
*	2600	TD3	Carrier Details (Equipment)	O	12			Not Used
*	2700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Not Used
*	2800	MAN	Marks and Numbers	O	10			Not Used
*	2900	DD	Demand Detail	O	10			Not Used
*** LOOP ID - SLN**						**100**		
*	3000	SLN	Subline Item Detail	O	1			Not Used
*	3100	PID	Product/Item Description	O	1000			Not Used
*	3150	NM1	Individual or Organizational Name	O	10			Not Used
LOOP ID - N1						**200**		
	3200	N1	Name	O	1			Must use
*	3300	N2	Additional Name Information	O	2			Not Used
*	3400	N3	Address Information	O	2			Not Used
*	3500	N4	Geographic Location	O	1			Not Used
*	3600	REF	Reference Identification	O	12			Not Used
*	3700	PER	Administrative Communications Contact	O	3			Not Used
*	3800	FOB	F.O.B. Related Instructions	O	1			Not Used
LOOP ID - LM						**>1**		
	3900	LM	Code Source Information	O	1			Must use
	4000	LQ	Industry Code	M	100			Must use
LOOP ID - FST						**>1**	**N2/4100L**	
	4100	FST	Forecast Schedule	O	1		N2/4100	Must use
*	4150	QTY	Quantity	O	>1			Not Used
	4200	SDQ	Destination Quantity	O	50			Used
*** LOOP ID - LM**						**>1**		

	Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
*	4300	LM	Code Source Information	O	1			Not Used
*	4400	LQ	Industry Code	M	100			Not Used
	*** LOOP ID - SDP**					**260**		
*	4500	SDP	Ship/Delivery Pattern	O	1			Not Used
*	4600	FST	Forecast Schedule	O	260			Not Used
	*** LOOP ID - SHP**					**25**		
*	4700	SHP	Shipped/Received Information	O	1			Not Used
*	4800	REF	Reference Identification	O	5			Not Used

Summary:

	Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
*	0100	CTT	Transaction Totals	O	1		N3/0100	Not Used
	0200	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/2200 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.

2/4100L 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.

2/4100 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.

3/0100 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: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

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

Semantics:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 830 Planning Schedule with Release Capability	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set **Federal Note:** *A unique number assigned by the originator of the transaction set, or the originator's application program.*	M	AN	4/9	Must use
ST03	1705	**Implementation Convention Reference** **Description:** Reference assigned to identify Implementation Convention **DLMS Note:** *Use to indicate this transmission uses the 830D Federal Implementation Convention (IC) and 830D DLMS Supplement (DS). Enter the DLMS Supplement: 004030F830D0DA00.*	O	AN	1/35	Used

BFR Beginning Segment for Planning Schedule

Pos: 0200 **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.)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BFR01	353	**Transaction Set Purpose Code** **Description:** Code identifying purpose of transaction set **Code** **Name** 00 Original 77 Simulation Exercise **DLMS Note:** *Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.*	M	ID	2/2	Must use
BFR02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **Federal Note:** *Use code "Z" for this data element to satisfy mandatory X12 syntax requirements.*	X	AN	1/50	Used
BFR04	675	**Schedule Type Qualifier** **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 data reflect DDE Projected Supply Plan requirements.*	M	ID	2/2	Must use
BFR05	676	**Schedule Quantity Qualifier**	M	ID	1/1	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Code identifying the type of quantities used when defining a schedule or forecast **Code** **Name** A Actual Discrete Quantities **DLMS Note:** *Use to indicate that quantities reflect discrete requirements.*				
BFR06	373	**Date** **Description:** Date expressed as CCYYMMDD **Federal Note:** *Must use to identify the projected supply plan period start date for which all identified material support should be available. This date represents the outside start date for all table 2 iterations.*	M	DT	8/8	Must use
BFR07	373	**Date** **Description:** Date expressed as CCYYMMDD **Federal Note:** *Must use to identify the projected supply plan period end date for which all identified material support should be available. This date represents the outside end date for all table 2 iterations.*	O	DT	8/8	Used
BFR08	373	**Date** **Description:** Date expressed as CCYYMMDD **Federal Note:** *Use to identify the transaction set preparation date. This date corresponds to the Universal Time Coordinate (UTC).*	M	DT	8/8	Must use
BFR12	783	**Planning Schedule Type Code** **Description:** Code identifying type of planning schedule used **Code** **Name** AA Customized Ordering Forecast **DLMS Note:** *Must use to indicate the transaction is a DDE Projected Supply Plan.*	O	ID	2/2	Used
BFR13	306	**Action Code** **Description:** Code indicating type of action **Federal Note:** *Use any code.* **DLMS Note:** *For DLMS use there is no requirement for an action code at this time. Reserved for future DLMS use.*	O	ID	1/2	Used

N1 Name

Pos: 2300	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/N1/2300 loop to identify the organization originating the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **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:** *Must use to identify the submitter of the DDE requirement.*	M	ID	2/3	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 10 Department of Defense Activity Address Code (DODAAC) **DLMS Note:** *Use to identify the submitter.*	X	ID	1/2	Used
N104	67	**Identification Code** **Description:** Code identifying a party or other code	X	AN	2/80	Must use
N106	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual	O	ID	2/3	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Code **Name**				
		FR Message From				
		Federal Note: *Must use to indicate the organization cited in N104 is originating the transaction set.*				

LIN Item Identification

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 3

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/0100 loop to identify the type of transaction, material, transaction number, and information associated with the projected requirement

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN01	350	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set **DLMS Note:** *C - Cancellation of previously submitted DDE Projected Supply Plan transaction. Use indicates cancellation of the entire open DDE transaction for the NIIN cited in LIN02/03. This equates to DLA's Document Identifier Code CDD format with an 'R' in rp 952.* *H - DDE Projected Supply Plan transaction submission for the NIIN cited in LIN02/03.*	O	AN	1/20	Used
LIN02	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M	ID	2/2	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Federal Note: *Use any code.*				
		DLMS Note: *For DLMS use only the following codes are authorized.*				
		Code **Name** ZZ Mutually Defined **DLMS Note:** *Use to identify the National Item Identification Number (NIIN) for Demand Data Exchange transactions.* *A data maintenance action was approved in version 5020. The approved code/name is "NN - National Item Identification Number".*				
LIN03	234	**Product/Service ID** **Description:** Identifying number for a product or service	M	AN	1/48	Must use

PWK Paperwork

Pos: 1000	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.

DLMS Note:

1. This segment contains free form text which the DDE submitter may use to provide information of value to the collaboration participants. This field may also be used by the submitter to provide information deemed useful to their planners during collaboration as it will be available for their viewing in the Collaborate tool. This segment is optional and informational in nature; the information in this segment shall be perpetuated into the Collaborate tool and can be viewed by all participants in the collaboration process. DLA will perpetuate the information in this segment and it will be visible in the online Collaborate tool as a drill down field.

2. On an interim basis, to accommodate DLA's DI Code CDD format in a mixed DLMS/non-DLMS CDD environment, the free form text in the PWK segment is limited to a total of 110 characters which maps to DI Code CDD Optional fields 1 through 4 in record positions 953-1062. To accommodate DLA DI Code CDD fixed format, this requires restricting use of PWK segment to a maximum 4 iterations, with maximum 20 characters each in 3 iterations and maximum of 50 characters in one iteration. This supports DLA DI Code CDD which has 3 optional fields of 20 characters and 1 optional field of 50 characters. Use of PWK segment, other than as described by this note, is a DLMS enhancement. See introductory DLMS note 3a.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PWK01	755	**Report Type Code** **Description:** Code indicating the title or contents of a document, report or supporting item **Federal Note:** *Use any code.* **DLMS Note:** *For DLMS use only the following codes are authorized.* **Code** **Name** R6 Miscellaneous Information	M	ID	2/2	Must use
PWK07	352	**Description** **Description:** A free-form description to clarify the related data elements and their content	O	AN	1/80	Used

REF Reference Identification

Pos: 1400	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.

DLMS Note:

Must use to identify the transaction number associated with the DDE Projected Supply Plan.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Federal Note:** *Use any code.* **DLMS Note:** *For DLMS use, only the following codes are authorized.* **Code** **Name** TN Transaction Reference Number **DLMS Note:** *Use to identify the Transaction Number (also known as the document number).*	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/50	Used

PER Administrative Communications Contact

Pos: 1500 **Max: 3**
Detail - Optional
Loop: LIN **Elements: 9**

User Option (Usage): Used
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Federal Note:

Use to identify a contact to whom inquiries regarding this transaction can be directed.

DLMS Note:

1. Use multiple repetitions when needed to identify multiple points of contact or communication numbers. When using multiple repetitions to identify different communication numbers for a single point of contact, repeat the name cited in PER02.

2. DLMS enhancement. See introductory DLMS note 3a.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Federal Note:** *Use any code.* **DLMS Note:** *For DLMS use only the following codes are authorized.* **Code** **Name** IC Information Contact **DLMS Note:** *Use to identify the point of contact.*	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name **DLMS Note:** *Provide the last name, first name, middle initial and rate/rank/title, as required, of the individual named as point of contact. Include blank spaces between name components and periods after initials. Do not include NMN or NMI when a middle initial is not available.*	O	AN	1/60	Used
PER03	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **Federal Note:** *Use any code.* **DLMS Note:** *1. For DLMS use, only the following codes are authorized.* *2. Do not include blank spaces, dashes, or parentheses between numbers.*	O	ID	2/2	Used

Code	Name
AU	Defense Switched Network
	DLMS Note: *Use to identify the DSN telephone number.*
EM	Electronic Mail
EX	Telephone Extension
	DLMS Note: *Use immediately following codes AU, IT or TE to identify a telephone extension.*
FX	Facsimile
	DLMS Note: *Use to identify the commercial facsimile (FAX) telephone number. Include the area code and number.*
IT	International Telephone
	DLMS Note: *Include country and city code.*
TE	Telephone
	DLMS Note: *Use to identify the commercial telephone number. Include the area code and number.*
WF	Work Facsimile Number
	DLMS Note: *Use to identify the DSN FAX telephone number.*

PER04	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable	O	AN	1/256	Used
PER05	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **Federal Note:** *Use any code.* **DLMS Note:** *1. Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a commercial telephone number, PER05/06 can be used to cite an Electronic Mail Address.* *2. Do not include blank spaces, dashes, or parentheses between numbers.* *3. For DLMS use, only the following codes are authorized.*	O	ID	2/2	Used

Code	Name
AU	Defense Switched Network
	DLMS Note: *Use to identify the DSN telephone number.*
EM	Electronic Mail
EX	Telephone Extension
	DLMS Note: *Use immediately following codes AU, IT or TE to identify a telephone extension.*
FX	Facsimile
	DLMS Note: *Use to identify the commercial facsimile (FAX) telephone number. Include the area code and number.*

Code	Name
IT	International Telephone
	DLMS Note: *Include country and city code.*
TE	Telephone
	DLMS Note: *Use to identify the commercial telephone number. Include the area code and number.*
WF	Work Facsimile Number
	DLMS Note: *Use to identify the DSN FAX telephone number.*

PER06	364	**Communication Number**	O	AN	1/256	Used

Description: Complete communications number including country or area code when applicable

PER07	365	**Communication Number Qualifier**	O	ID	2/2	Used

Description: Code identifying the type of communication number

Federal Note: *Use any code.*

DLMS Note: *1. Use to identify a third communications number for the party cited in PER02.*

2. Do not include blank spaces, dashes, or parentheses between numbers.

3. For DLMS use, only the following codes are authorized.

Code	Name
AU	Defense Switched Network
	DLMS Note: *Use to identify the DSN telephone number.*
EM	Electronic Mail
EX	Telephone Extension
	DLMS Note: *Use immediately following codes AU, IT or TE to identify a telephone extension.*
FX	Facsimile
	DLMS Note: *Use to identify the commercial facsimile (FAX) telephone number. Include the area code and number.*
IT	International Telephone
	DLMS Note: *Include country and city code.*
TE	Telephone
	DLMS Note: *Use to identify the commercial telephone number. Include the area code and number.*
WF	Work Facsimile Number
	DLMS Note: *Use to identify the DSN FAX telephone number.*

PER08	364	**Communication Number**	O	AN	1/256	Used

Description: Complete communications number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		including country or area code when applicable				
PER09	443	**Contact Inquiry Reference** **Description:** Additional reference number or description to clarify a contact number **DLMS Note:** *Use to indicate the office symbol or activity code for the identified party.*	O	AN	1/20	Used

N1 Name

Pos: 3200	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/N1/3200 loop to identify the organization to receive the transaction.

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

Element Summary:

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

Code	Name
KA	Item Manager **DLMS Note:** *Must use to identify the ICP/IMM.*
LW	Customer **DLMS Note:** *Use to identify the customer for DDE Projected Supply Plan transactions.*
ST	Ship To **DLMS Note:** *Use to identify the Ship To when different from the customer.*
XN	Planning/Maintenance Organization **DLMS Note:** *1. Use between Service sites and DLA to identify the Shop Service Center (SSC) for which an item is being forecasted. Also referred to as Shop Store Identifier.* *2. Authorized DLMS enhancement; see introductory DLMS Note 3a.*

N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67)	X	ID	1/2	Used

Code	Name
1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
	DLMS Note: *DLMS enhancement; see introductory DLMS note 4a.*
10	Department of Defense Activity Address Code (DODAAC)
	DLMS Note: *Use with N101 codes LW and ST.*
92	Assigned by Buyer or Buyer's Agent
	DLMS Note: *Use with N101 Code XN to identify the Shop Service Center/Shop Store Identifier. Refer to ADC 284A.*
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)
	DLMS Note: *Use with N101 code KA.*

N104	67	**Identification Code** **Description:** Code identifying a party or other code	X	AN	2/80	Used
N106	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual	O	ID	2/3	Used

Code	Name
TO	Message To
	Federal Note: *Must use with 2/N101/3200 code KA to identify the organization cited in N104 is receiving the transaction.*

LM Code Source Information

Pos: 3900	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/3900 loop to identify coded information maintained in department or agency documentation.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LM01	559	**Agency Qualifier Code** **Description:** Code identifying the agency assigning the code values	M	ID	2/2	Must use

Code	Name
DF	Department of Defense (DoD)

LQ Industry Code

Pos: 4000	Max: 100
Detail - Mandatory	
Loop: LM	Elements: 2

User Option (Usage): Must use
Purpose: Code to transmit standard industry codes

Syntax Rules:

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

Federal Note:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LQ01	1270	**Code List Qualifier Code** **Description:** Code identifying a specific industry code list **Federal Note:** *Use any code.* **DLMS Note:** *For DLMS use, only the following codes are authorized.*	O	ID	1/3	Used

Code	Name
ZZ	Mutually Defined

DLMS Note:

1. Use with DDE Projected Supply Plan transactions to identify the planning code.

2. Planning Code is optional data that the customer may use as they determine is needed. Planning Code is an intra-Component, five-position code, which is under development by the Services. Accordingly, although the data will be meaningful to the customer and will be visible to customers in the Collaborate web tool, it won't necessarily be meaningful to DLA or the other Services.

A data maintenance action was approved in version 5030. The approved code/name is "PCL - Planning Code Lookup".

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

FST Forecast Schedule

Pos: 4100	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.
3. FST11, FST12 and FST13 may be used only when FST02 contains code D (Planning).

DLMS Note:

Use one or multiple repetitions of the 2/FST/4100 segment for DDE Projected Supply Plan transactions.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FST01	380	**Quantity** **Description:** Numeric value of quantity **Federal Note:** *Express as a number with no decimal.* **DLMS Note:** *Use up to 60 repetitions in Demand Data Exchange transactions to identify the quantity for each interval/bucket.*	M	R	1/15	Must use
FST02	680	**Forecast Qualifier** **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.*	M	ID	1/1	Must use
FST03	681	**Forecast Timing Qualifier**	M	ID	1/1	Must use

Code	Name
D	Planning **DLMS Note:** *Use in conjunction with DDE Submission transactions (2/LIN01/0100 Code H- Submission)*
W	Cancellation **DLMS Note:** *Use in conjunction with DDE Cancellation transactions (2/LIN01/0100 Code C - Cancelled)*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Code specifying interval grouping of the forecast **Federal Note:** *Use any code.* **DLMS Note:** *For DLMS use only the following codes are authorized.*				

Code	Name
A	Annually (Calendar Year) **DLMS Note:** *Use to submit up to 5 annual periods of projected supply plan data. Use of "Annual" is a DLMS enhancement. See introductory DLMS note 3a.*
M	Monthly Bucket (Calendar Months) **DLMS Note:** *Use to submit up to 60 months of projected supply plan data.*
Q	Quarterly (Calendar Quarters) **DLMS Note:** *Use to submit up to 20 quarters of projected supply plan data. Use of "Quarterly" is a DLMS enhancement. See introductory DLMS note 3a.*
S	Semi-Annually (Calendar Year) **DLMS Note:** *Use to submit up to 10 semi-annual periods of projected supply plan data. Use of "Semi-Annually" is a DLMS enhancement. See introductory DLMS note 3a.*

FST04	373	**Date** **Description:** Date expressed as CCYYMMDD **DLMS Note:** *1. Must use to identify the start date for which material support should be available for the NIIN cited in LIN02/03 for the bucket (weekly, monthly, etc) identified in FST03. This date corresponds to the 1/BFR06/0200 start date.* *2. Use for other than a date that corresponds to the BFR06 date is a DLMS enhancement. See introductory DLMS note 3a.*	M	DT	8/8	Must use

SDQ Destination Quantity

Pos: 4200	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:

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

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Comments:

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

Element Summary:

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