



DEFENSE LOGISTICS AGENCY
HEADQUARTERS
8725 JOHN J. KINGMAN ROAD
FORT BELVOIR, VIRGINIA 22060-6221

IN REPLY
REFER TO

DLMSO

September 22, 2008

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE

SUBJECT: Approved Defense Logistics Management System (DLMS) Change (ADC) 278, Establish New DLMS Supplement (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 (Supply) (Staffed as PDC 297)

The attached change to DOD 4000.25-M, DLMS, is approved for immediate implementation by the Services. The new DS will be posted to the Defense Logistics Management Standards Office (DLMSO) Web site <http://www.dla.mil/j-6/dlms0/elibrary/TransFormats/formats.asp> within 10 days from the above date for implementation planning. The Defense Logistics Agency (DLA) must identify to DLMSO when this change can be implemented in DLA Enterprise Business System (EBS) so that an implementation date can be established for the Defense Automatic Addressing System Center to convert Service generated DLA Document Identifier (DI) Code CDD transactions to DS 830D for EBS. **Request DLA identify an EBS implementation date to DLMSO within 45 days from the date of this memorandum. Services which implement DLMS for DDE Projected Supply Plan must do so using DS 830D.**

Addressees may direct questions to the DLMSO point of contact, Ms. Mary Jane Johnson, 703-767-0677, DSN 427-0677, or e-mail: Mary.Jane.Johnson@dla.mil. Others must contact their Component designated Supply Process Review Committee representative.

DONALD C. PIPP
Director
Defense Logistics Management
Standards Office

Attachment

cc:
ODUSD(L&MR/SCI)

ATTACHMENT TO ADC 278

Establish New DLMS Supplement (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 (Supply) (Staffed as PDC 297)

1. Originator:

a. **Service/Agency:** Defense Logistics Management Standards Office (DLMSO)

b. **Originator:** Mary Jane Johnson, DLMSO, DOD MILSTRAP Administrator, (703) 767-0677, DSN, 427-0677, e-mail: Mary.Jane.Johnson@dla.mil

2. **FUNCTIONAL AREA:** Supply (ERP Planning and Collaboration Subsystem).

3. REFERENCES:

a. DLMSO Memorandum, June 24, 2008, subject: Approved DLMS Change (ADC) 287, Revision to DLMS 870L, SPR/LASE Status and Corresponding DLMS Manual Procedures; Administrative Update to DLMS 830R, SPR (Supply/MILSTRAP) (available at: <http://www.dla.mil/j-6/dlms/eLibrary/Changes/approved3.asp>)

b. DLMSO Memorandum, January 6, 2005, subject: Approved DLMS Change (ADC) 139, Revision to DS 830R to Accommodate Demand Data Exchange (Transmitting Forecasts of Recurring and Non-Recurring Demand Data) (Supply/DLMS) (available at: <http://www.dla.mil/j-6/dlms/eLibrary/Changes/approved.asp>)

c. Enterprise Business Systems (EBS) Demand Data Exchange Customer Collaboration (DDE/CC) via Digital Data Network (DDN) Job Aid, November 29, 2007.

4. REQUESTED CHANGE:

a. **Title:** Establish New DLMS Supplement (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.

b. Description of Change:

(1) This change proposes establishment of a distinct DS for DDE, rather than combining the DDE transaction with the DLMS 830R SPR transaction.

(2) A change incorporated into this ADC based on DLA comment to PDC 297, is that the use of the term "DDE Forecast" has been revised to "DDE Projected Supply Plan". DLA noted that there has been a lot of discussion amongst DLA and the Services about the differences between a 'forecast' and a 'Supply Plan', and in response to that discussion a shift has been made to refer to the DDE as a 'projected supply plan' vs. a forecast.

c. Publications/Procedures:

(1) **DELETE** existing DS 830R, VERSION 4030, combined SPR/DDE, from DLMS.

(2) **RETAIN** existing DS 830R, VERSION 4010, SPR only, for use with SPRs.

(3) **ESTABLISH** new DS 830D (version 4030), for Demand Data Exchange (DDE) Projected Supply Plan, as shown in Enclosure 1. The “DDE projected supply plan” is also referred to as “DDE” throughout this ADC. Data content for the DDE function in DS 830D (version 4030) is the same as that provided in DS 830R (version 4030) with the exception of select data such as that in the ST segment (Transaction Set Header), BFR Beginning Segment, optional use of a PER segment as a DLMS enhancement, and other changes as shown in the table below. Data which was specific to SPR in DS 830R was eliminated from DS 830D. DDE data differences between 830R, version 4030, and DS 830D are shown below. **This table does not reflect the exclusion of SPR data from the transaction. The exclusion of SPR data unrelated to DDE is understood for DS 830D.** DS 830D revisions which differ from PDC 297 are identified by highlighted text in the Change Table below:

Item #	Location	CHANGE TABLE DS 830D CHANGE from <u>DDE data</u> portrayed in DS 830R (version 4030)	Reason
1.	DS Title	<u>Change DS 830D title from “Demand Data Exchange Forecast” to “Demand Data Exchange (DDE) Projected Supply Plan”</u>	To eliminate use of “forecast” with DDE as noted in DLA PDC 297 comment at paragraph 7 below (comment # 6).
2.	Federal Introductory Note	<u>Revise Federal note 1 to read:</u> <i>Organizations use this transaction set to transmit forecasts Demand Data Exchange (DDE) Projected Supply Plan for recurring and non-recurring demand data.</i>	To eliminate use of “forecast” with DDE as noted in DLA PDC 297 comment at paragraph 7 below (comment # 6).
3.	DLMS Introductory notes 1, 2, and 3.a	<u>Revise DLMS introductory notes 1 and 2 as follows:</u> DLMS Note: 1. <i>Use a single occurrence of this transaction set to transmit Demand Data Exchange 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.”</i> 2. <i>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 3.a. DLMS Supplement (DS) 830D replaces DS 830R, version 4030 only, combined SPR/DDE, in its entirety.”</i>	To note that only the DLA ICP/IMM has programmed to accept DDE at this time. See DLMSO PDC 297 comment at paragraph 7 (comment # 7). To note that DS 830D replaces the DS 830R-version 4030 SPR/DDE transaction. To eliminate use of “forecast” with DDE and replace it with ‘projected supply plan’ as noted in DLA PDC 297 comment at paragraph 7 below (comment # 6).

Item #	Location	CHANGE TABLE DS 830D CHANGE from <u>DDE data</u> portrayed in DS 830R (version 4030)	Reason
	DLMS Intro notes con't...	3.a. <i>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 DLMSO prior to use.</i>	Administrative update to complete DLMS enhancement note consistent with other DS.
4.	DLMS Introductory Note 4	<u>Added ADC 278.</u> - <i>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 (Supply)</i>	To identify DLMS changes included in the DS
5.	1/ST03/0100	<u>Revise DLMS note:</u> DLMS Note: <i>Use to indicate this transmission uses the 830D Federal Implementation Convention (IC) and 830D DLMS Supplement (DS). Enter the DLMS Supplement: 004030F830D0DA00</i>	To reflect DS 830D vice 830R.
6.	1/BFR/0200	<u>Delete segment level DLMS note:</u> DLMS enhancement; see DLMS supplement note3a.	Administrative update. DLMS enhancement note unnecessary at BFR segment.
7	1/BFR04/0200	<u>Replace qualifier ZZ with qualifier PR as follows:</u> ZZ Mutually Defined DLMS Note: <i>Use to indicate requirements data reflecting Demand Data Exchange for forecasts of recurring and nonrecurring demands. A data maintenance action was approved in version 5030. The approved code/name is "RD Recurring Demand".</i> PR Planned Requirement Based DLMS Note: <i>Use to indicate that data reflect DDE Projected Supply Plan requirements.</i>	Use of 'PR' is more appropriate for DDE than either 'ZZ- Mutually Defined' or 'RD-Recurring Demand' (approved in version 5030), and is consistent with DS 830R and DS 830W use of BFR04 qualifier 'PR'. See DMSO PDC 297 comment at paragraph 7 below (comment # 11).
8	1/BFR06/0200	<u>Revise the Federal note:</u> Federal Note: <i>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.</i>	To replace use of the word "forecast" with projected supply plan as noted in DLA PDC 297 comment at paragraph 7 below (comment # 6).
9	1/BFR07/0200	<u>Revise the Federal note:</u> Federal Note: <i>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.</i>	To replace use of the word "forecast" with projected supply plan as noted in DLA PDC 297 comment at paragraph 7 below (comment # 6).

#	Location	CHANGE TABLE DS 830D CHANGE from <u>DDE data</u> portrayed in 830R (version 4030)	Reason
10	1/BFR12/0200	<p><u>Add NEW Planning Schedule Type Code AA-Customized Ordering Forecast with DLMS note:</u></p> <p>AA Customized Ordering Forecast</p> <p>DLMS Note: <i>Must use to indicate the transaction is a Demand Data Exchange Forecast Projected Supply Plan.</i></p>	<p>To reflect a new Planning Schedule Type Code for DDE Projected Supply Plan.</p> <p><u>As background:</u> 830D (4030) DDE is BFR12 Planning Schedule Type Code AA-Customized Ordering Forecast 830R (4010) SPR is BFR12 Planning Schedule Type Code XA-Requirement Forecast. 830W (4010) WMR (War Materiel Requirements) is BFR12 Planning Schedule Type Code XF- War Reserve Forecast</p>
11	1/BFR13/0200	<p><u>Add Federal and DLMS Note to beginning segment BFR13 Action Code:</u></p> <p>Federal Note: Use any code.</p> <p>DLMS Note: <i>For DLMS use there is no requirement for an action code at this time. Reserved for future DLMS use.</i></p>	<p>DS 830R, BFR13 used Action Code 'OT-Other Unlisted Action' to identify when exception data (PWK segment) was being provided to associate SPR exception data with MILSTRAP SPR DI Code functionality.</p> <p>For 830D DDE, DLMSO recommends against using an action code to say that free text is provided. When free text is provided, the optional PWK segment will simply be used. Action code left open should it be needed in the future.</p>
12	2/LIN01/0100	<p><u>Revise DLMS note for 'C-Cancellation' and 'H-DDE forecast submission':</u></p> <p>DLMS Note: <i>C - Cancellation of previously submitted DDE Forecast 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.</i></p> <p><i>H - DDE Forecast Projected Supply Plan transaction submission for the NIIN cited in LIN02/03.</i></p>	<p>To clarify that the DDE cancellation or submission is for a specific NIIN cited in the LIN segment at LIN02/03.</p> <p>Also shows that use of 'C-Cancellation' is the DLMS equivalent of the DLA DI Code CDD use of 'R' in record position 952.</p> <p>Revised 'Forecast' to Projected Supply Plan' per DLA PDC 297 comment at paragraph 7 below.</p>

#	Location	CHANGE TABLE DS 830D CHANGE from <u>DDE data portrayed in 830R (version 4030)</u>	Reason
13	2/PWK/1000	<p><u>Revised DLMS segment level notes for PWK:</u></p> <p>DLMS Notes:</p> <p><i>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.</i></p> <p><i>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.</i></p>	<p>To explain how free text is used with DDE.</p> <p>Added segment level note 3 to correlate the PWK segment to DLA DI Code CDD in a mixed DLMS-DI Code CDD environment, and to identify that use beyond what is accommodated by the DLA DI Code CDD format is a DLMS enhancement.</p> <p>See DMSO PDC 297 comment at paragraph 7 below (comment # 8).</p>
14	2/REF/1400	<p><u>Change the segment level Federal note to a DLMS Note and revise the note to change "SPR forecast" to "DDE Projected Supply Plan".</u></p> <p>DLMS Note: <i>Must use to identify the transaction number associated with the DDE Projected Supply Plan</i></p>	<p>Administrative update.</p> <p>See DLA PDC 297 comment at paragraph 7 below (comment # 5).</p>
15	2/REF01/1400	<p><u>Add DLMS note to qualifier TN:</u></p> <p>TN Transaction Number DLMS Note: <i>Use to identify the Transaction Number (also known as the document number).</i></p>	<p>Administrative update.</p>

#	Location	CHANGE TABLE DS 830D CHANGE from <u>DDE data</u> portrayed in 830R (version 4030)	Reason
16	2/PER/1500	<u>Open the 'PER' segment for optional use when needed.</u>	Adds an optional PER segment which is a standard DLMS segment for providing contact information.
17	2/PER/1500	<u>Add new segment level DLMS note 2:</u> DLMS Note 2: <i>DLMS enhancement. See introductory DLMS note 3.a.</i>	Administrative update to identify that use of PER segment is a DLMS enhancement over DLA DI Code CDD capability. Enhanced data will not convert to DI Code CDD in a mixed DLMS/non-DLMS CDD environment.
18	2/N101/3200	<u>Revise DLMS note for qualifier LW:</u> LW Customer DLMS Note: <i>Use to identify the customer for DDE Projected Supply Plan transactions.</i>	Administrative update to change "Demand Data Exchange transactions" to "DDE Projected Supply Plan transactions".
19	2/LQ01/4000	<u>Revise DLMS Note 1 for qualifier ZZ:</u> ZZ Mutually Defined DLMS Note: <i>Use with DDE Projected Supply Plan transactions to identify the planning code.</i>	Administrative update to change "Demand Data Exchange transactions" to "DDE Projected Supply Plan transactions".
20	2/FST/4100	<u>Revise segment level DLMS note:</u> DLMS Note: <i>Use one or multiple repetitions of the 2/FST/4100 segment for DDE Projected Supply Plan transactions.</i>	Administrative update to change "Demand Data Exchange transactions" to "DDE Projected Supply Plan transactions".
21	2/FST02/4100	<u>Remove "forecast" from DLMS note for qualifier D and revise note for consistency with DLMS note for qualifier W:</u> D Planning DLMS Note: <i>Use for DDE transactions when forecast removal (cancellation) does not apply. Use in conjunction with DDE Submission transactions (2/LIN01/0100 Code H- Submission)</i> <u>For qualifier W, replace "Demand Data Exchange" with "DDE":</u> W Cancellation DLMS Note: <i>Use in conjunction with DDE Cancellation transactions (2/LIN01/0100 Code C - Cancelled)</i>	Administrative update to remove word "forecast" and to more closely align DLMS notes for qualifiers D and W for clarification.

#	Location	CHANGE TABLE DS 830D CHANGE from <u>DDE data</u> portrayed in 830R (version 4030)	Reason
22	2/FST03/4100	<p>Remove “forecast” from DLMS Note for Qualifiers A, M, Q, and S and replace with “projected supply plan”. Add note that qualifier for other than “monthly” are DLMS enhancements.</p> <p>A Annually (Calendar Year) DLMS Note: <i>Use to submit up to 5 annual periods of forecast projected supply plan data. Use of “Annual” is a DLMS enhancement. See introductory DLMS note 3a. {PDC 297 STAFFING NOTE: Currently DLA only uses M monthly}</i></p> <p>M Monthly Bucket (Calendar Months) DLMS Note: <i>Use to submit up to 60 months of forecast projected supply plan data. {PDC 297 STAFFING NOTE: Currently DLA only uses M monthly}</i></p> <p>Q Quarterly (Calendar Quarters) DLMS Note: <i>Use to submit up to 20 quarters of forecast projected supply plan data. Use of “Quarterly” is a DLMS enhancement. See introductory DLMS note 3a. {PDC 297 STAFFING NOTE: Currently DLA only uses M monthly}</i></p> <p>S Semi-Annually (Calendar Year) DLMS Note: <i>Use to submit up to 10 semi-annual periods of forecast projected supply plan data. Use of “Semi-Annually” is a DLMS enhancement. See introductory DLMS note 3a. {PDC 297 STAFFING NOTE: Currently DLA only uses M monthly}</i></p>	<p>Replaced the word “forecast” with “projected supply plan” as noted in DLA PDC 297 comment at paragraph 7 below (comment # 6).</p> <p>2/FST03/4100 allows use of qualifiers for annual, semi-annual, quarterly and monthly submission of data, however at this time, DLA uses only monthly. Further, the DLMS procedures stipulate use of monthly. Accordingly, use of qualifiers A (annual), Q (quarterly) and S (semi-annually) are being identified as DLMS enhancements over current capability. See DLMSO PDC 297 comment at paragraph 7 (comment # 9).</p> <p>Excerpt from DLMS Vol 2, chapter 2 (at enclosure 2):</p> <p>“C2.3.1. DDE supply planning activities may submit to DLA their projected supply plan/collaboration data for future requirements expected to be obtained from DLA using the DLMS 830D DDE Projected Supply Plan Transaction. Separate DDE projected supply plans into monthly periods based on the projected dates that the materiel will be ordered from DLA.”</p>
23	2/FST04/4100	<p>Open FST04 with DLMS notes:</p> <p>Date Description: Date expressed as CCYYMMDD</p> <p>DLMS Notes: 1. <i>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.</i></p> <p><i>Use for other than a date that corresponds to the BFR06 date is a DLMS enhancement. See introductory DLMS note 3a.</i></p>	<p>Use of FST04 is mandatory IAW Accredited Standards Committee (ASC) X12.</p> <p>At this time, the FST04 start date would be the same as the BFR06 start date. Both BFR06 and FST04 are mandatory. Use of FST04 for a different date than BFR06 would be a DLMS enhancement over DLA DI Code CDD capability and would require a PDC. See DLMSO PDC 297 comment at paragraph 7 (comment # 10).</p>

(4) **Revise DOD 4000.25-M, DLMS as follows** (<http://www.dla.mil/j-6/dlms/eLibrary/Manuals/DLMS/default.asp>):

(a) Update DLMS Volume 2, Chapter 2, SPR and DDE Forecasts, as revised by ADC 287 (reference 3.a) as shown in Enclosure 2 (changes are identified by **red, bold, italicized** text). Changes to Chapter 2 SPR section, are identified in ADC 287. There is DDE introductory information in chapter 2 at paragraphs C2.1.1 and C2.1.2.1 of Enclosure 2. The DDE section of chapter 2 begins at section C2.3.

(b) Revise the DDE definition in DLMS TERMS and DEFINITIONS (change is identified by **red, bold, italicized** text):

DEMAND DATA EXCHANGE (DDE). *A systemic method used for submitting collaborative customer projected supply plan materiel requirements to the Defense Logistics Agency (DLA). Used to communicate forecasts for both recurring and non-recurring demands, as well as optional text data for consideration by Defense Logistics Agency Business System Modernization demand planners.*

(c) Add the following two new definitions to DLMS TERMS and DEFINITIONS:

CUSTOMER COLLABORATION. *A confluence of strategic, tactical, and operational time based quantitative and qualitative sharing of information between the Defense Logistics Agency (DLA) and its customer activities including, but not limited to, formalized collaboration partnerships, exception handling by detection and notification, and DLA/customer collaborative demand planning*

JOINT COLLABORATION AGREEMENT. *A collaborative and coordinated consensus between the Defense Logistics Agency (DLA) and customer activities that cites mutual responsibilities and expectations of both parties in the processes of demand data exchange (DDE).*

(5) Revise the DLMS Correlation of MILSTRAP DI Code Functionality to DS table as shown below to add DS 830D. Changes are in **red., bold, italicized** text. Although DDE does not relate to a MILSTRAP or other Defense Logistics Standard System (DLSS, aka ‘MILS’) transaction, the DLMS/MILSTRAP correlation table in DLMS sequence also addresses select DLMS transactions not associated with the DLSS. The cross reference table is available at: <http://www.dla.mil/j-6/dlms/eApplications/LogDataAdmin/dlssdlmscrossreftable.asp>.

DS #	DLMS Supplement Title	DI Code(s)	DS Accredited Standards Committee (ASC) X12 Functional Equivalent to MILSTRAP DI Code	
			Beginning Segment	Additional Information needed

DS #	DLMS Supplement Title	DI Code(s)	DS Accredited Standards Committee (ASC) X12 Functional Equivalent to MILSTRAP DI Code	
			Beginning Segment	Additional Information needed
<i>830D¹</i>	<i>Demand Data Exchange (DDE) Projected Supply Plan (Submission)</i>	<i>Non-DLSS DI Code CDD</i>	<i>1/BFR12/0200 Planning Schedule Type Code AA – Customized Ordering Forecast</i>	<i>2/LIN01/0100 Code H</i>
	<i>Demand Data Exchange (DDE) Projected Supply Plan (Cancellation)</i>	<i>Non-DLSS DI Code CDD with an ‘R’ in pr 952</i>	<i>1/BFR12/0200 Planning Schedule Type Code AA – Customized Ordering Forecast</i>	<i>2/LIN01/0100 Code C (for cancellation of DDE for a given NIIN)</i>
<i>¹ No DLSS (aka MILS) equivalent transaction exists for DS 830D, but it does equate to non-DLSS DLA DI Code CDD.</i>				

5. REASON FOR CHANGE:

a. To provide a distinct DLMS transaction for the DDE process. By ADC 139 (reference 3.b), DLMSO added the DDE function to DS 830R which was used for Special Program Requirements (SPR). DLMSO migrated DS 830R to version 4030 to add the DDE requirements. DS 830R Version 4010 is still in use for SPR only. Upon further consideration, DLMSO finds that SPR and DDE are two distinct processes, and would be better served as two distinct DLMS transactions. Since there has been very limited implementation of DS 830R version 4030 to date (only DLA EBS has implemented), this is an opportune time for establishing a distinct DLMS DDE transaction before widespread implementation of the DLMS SPR/DDE transaction has taken place. The DLMS combined SPR/DDE transaction would be phased out entirely as DLA transitions to the DS 830D DDE transaction. SPR would continue as the existing DLMS 830R version 4010. Any Service implementation of the DLMS DDE transaction would take place with DS 830D version 4030.

b. DLMSO understanding is that to date, no Service has implemented DS 830R version 4030 for DDE as early DDE collaborators used a non DLMS fixed length DLA transaction (DLA DI Code CDD). Army LMP is in process of implementing DLMS, and implementation for SPR will use DLMS 830R version 4010. This is consistent with DLA’s implementation for SPR. DLA continues to use DS 830R, version 4010, for SPR, and uses DS 830R, version 4030, only for DDE.

6. ADVANTAGES and DISADVANTAGES:

a. **ADVANTAGES:** Supports DLA’s Customer Collaboration processes by identifying a distinct DLMS DDE interface transaction to communicate collaboration customers’ projected

supply plan data to DLA. Given that no Service has yet implemented the DLMS 830R version 4030 DDE transaction, and DLA continues to use DS 830R version 4010 for SPR, DLA is the only Component affected by this change and DLA is only affected for the DDE process.

b. DISADVANTAGES: Will require change by DLA EBS to transition from DS 830R Version 4030 to DS 830D version 4030 for DDE.

7. PDC 297 COMMENT DISPOSITION:

ORGANIZATION	#	COMMENT TO PDC 297	DISPOSITION
ARMY	1	Concur.	
NAVY	2	No comments.	
USTRANSCOM	3	Abstains.	
DLA	4	Concur (with comments below)	
DLA, Ms. Kathy Martinez	5	DS 830D, 2/REF/1400 segment level note states: "Must use to identify the transaction number associated with the SPR forecast". "SPR forecast" should be changed to "DDE Projected Supply Plan"	Changed "SPR Forecast" to "DDE Projected Supply Plan" as noted in DS 830D Change Table (row 14), at paragraph 4.c(3) above.
DLA, Ms. Kathy Martinez	6	There has been a lot of discussion amongst DLA and the Services about the differences between a 'forecast' and a 'Supply Plan', based on that, DDE forecast is changed to DDE projected supply plan.	Deleted the word "forecast" or changed "forecast" to "projected supply plan" throughout ADC, DS 830D, and the DLMS chapter at enclosure 2.
DLMSO Ms. Mary Jane Johnson MILSTRAP Administrator	7	Currently DDE is only received by DLA ICP/IMMS. DLMSO revised the DLMS introductory notes to address that fact.	Revised DS830D DLMS introductory notes 1 as noted in the DS 830D Change Table (row 3), at paragraph 4.c(3) above.
	8	In a mixed DLMS and non-DLMS DLA DI Code CDD environment, the 2/PWK/1000 segment relates to DI Code CDD as follows: Optional Field 1 (rp 953-972, 20 spaces) Optional Field 2 (rp 973-992, 20 spaces) Optional Field 3 (rp 993-1012, 20 spaces) Optional Field 4 (rp 1013-1062, 50 spaces) Currently use of the PWK segment should align with the CDD format. Expanded use of PWK segment is a DLMS enhancement.	DS 830D revised as noted in DS 830D Change Table at row 13 to address use of PWK correlation to DI Code CDD format. See Enclosure 3 for DI Code CDD format excerpted from the DLA EBS DDE/CC Job Aid (see reference 3.c).
	9	2/FST03/4100 allows for submission of annual, semi-annual, quarterly and monthly buckets of data, however at this time, DLA uses only monthly buckets. Remaining buckets will be identified as DLMS enhancements.	DS 830D revised to add DLMS enhancement note to qualifiers for annual, semi-annual and quarterly, as shown in DS 830D Change Table at row 21.

ORGANIZATION	#	COMMENT TO PDC 297	DISPOSITION
DLMSO comments continued...	10	2/FST04/4100 was not identified as used for DDE in the 830R Combined SPR/DDE, and was not open in PDC 297; however FST04 is mandatory and must be used.	Opened FST04 and added DLMS notes noted in DS 830D Change Table above at row 23.
	11	<p>For BFR04 Schedule Type Qualifier use qualifier 'PR-Planned Requirement Based' in Place of 'ZZ-Mutually Defined'. Use of 'PR' is appropriate for DDE and consistent with DS 830R and DS 830W, whereas qualifier ZZ and new qualifier 'RD-Recurring Demand' (approved in version 5030), are not as appropriate.</p> <p>BFR04 is used in DLMS 830 transactions as follows:</p> <p><u>830W War Materiel Requirements (WMR) BFR04:</u> PR Planned Requirement Based DLMS Note: <i>Use to indicate that requirements data reflect forecasted requirements.</i></p> <p><u>830R (v4010) Special Program Requirements (SPR) BFR04:</u> PR Planned Requirement Based DLMS Note: <i>Use to indicate requirements data reflecting planned program requirement projections not based on historical demand.</i></p> <p><u>PROPOSED CHANGE FOR ADC 278 830D DDE BFR04:</u> PR Planned Requirement Based DLMS Note: <i>Use to indicate that requirements reflect DDE Projected Supply Plan data.</i></p> <p><u>REPLACES PDC 297 830D DDE BFR04:</u> ZZ Mutually Defined DLMS Note: <i>Use to indicate requirements data reflecting Demand Data Exchange for forecasts of recurring and nonrecurring demands.</i> <i>A data maintenance action was approved in version 5030. The approved code/name is "RD-Recurring Demand".</i></p>	DS 830D revised to replace qualifier ZZ with qualifier PR as shown in DS 830D Change Table above at row 7.

8. IMPACT:

a. Automated Information Systems (AIS):

(1) **Service AIS:** No impact to Service systems as a result of this proposal as none have implemented DS 830R, version 4030, combined SPR/DDE. **Services implementing DLMS for DDE Projected Supply Plan must do so using DS 830D.**

(2) **DLA and DAASC AIS:** DLA implementation of DS 830D version 4030 for DDE, in place of the existing DS 830R Version 4030, SPR/DDE will require EBS system change. **STAFFING NOTE FOR DLA: DLA must identify to DLMSO when this change can be implemented so that an implementation date for DAASC to begin converting DI Code CDD to DLMS 830D can be established.**

b. DAASC Maps:

(1) DAASC mapping update will be required to map DLA-unique DI Code CDD fixed length format to new DS 830D.

(2) If a Service begins to process DS 830D under modernization before DLA EBS has transitioned from 830R version 4030 to DS 830D, DAASC may need to provide a map between the Service DS 830D (version 4030), to DS 830R (version 4030) for DLA, until such time as EBS transitions and DS 830R version 4030 is completely phased out.

c. DLMSO strongly recommends that the Services using DI Code CDD transactions with DLA identify and review the information they are including in the DI Code CDD free-form text fields (record positions 953 through 1062) to determine if any data conveyed in these record positions should be added to an appropriate DS 830D transaction segment by a DLMS change proposal.

Enclosures:

- 1) DLMS Supplement 830D
- 2) DOD 4000.25-M, Volume 2, Chapter 2
- 3) DLA DI Code CDD Data Format

ENCLOSURE 1 TO PDC 297

DLMS Supplement 830D (version 4030)

This page intentionally left blank.
Enclosure 1, DS 830D, is provided as a separate rtf file

ENCLOSURE 2 TO PDC 297

[CHANGES FROM DOD 4000.25-M, DLMS, VOL 2, CHAPTER 2 DDE PROCEDURES ARE IDENTIFIED BY **RED, BOLD, ITALICS**. CHANGES FROM PDC 297 ARE ALSO **HIGHLIGHTED**.]

C2. CHAPTER 2

SPECIAL PROGRAM REQUIREMENTS

AND DEMAND DATA EXCHANGE **FORECASTS**

****PROJECTED SUPPLY PLAN****

C2.1. GENERAL.

C2.1.1. Purpose. This chapter provides procedures for Special Program Requirements (SPR) and for Demand Data Exchange (DDE) ~~forecasts~~ **Projected Supply Plan**.

C2.1.2. Transactions. This chapter addresses the procedures to the following ASC X12 transaction functions identified by their beginning segment and report type code. Other DLMS formats, such as XML, are also available. See the DLMSO website for available DLMS formats: http://www.dla.mil/j-6/dlms/eLibrary/TransFormats/140_997.asp. The corresponding Defense Logistics Standard System (DLSS) MILSTRAP transaction functionality is identified for information purposes in a mixed DLSS/DLMS environment.

*C2.1.2.1. **DDE Projected Supply Plan** is DS to Federal IC 830D (version 4030) identified by beginning segment (1/BFR12/0200) Planning Schedule Type Code AA – Customized Ordering Forecast. DDE function is further broken down in 2/LIN01/0100 to identify a DDE **Projected Supply Plan** submission (LIN01 Code H) and a DDE **Projected Supply Plan** cancellation (LIN01 Code C) for a given NIIN. This transaction is a DLMS enhancement and has no corresponding DLSS transaction, but does provide functionality of the Defense Logistics Agency (DLA) Document Identifier (DI) Code CDD transaction.*

C2.1.2.2. SPR is DS to Federal IC 830R (version 4010) identified by beginning segment (1/BFR12/020) Planning Schedule Type Code XA – Requirement Forecast. [Section C2.1.2.2. for SPR was approved by ADC 287. The SPR procedures are not impacted by the DDE process or ADC 278. See ADC 287 for section C2.1.2.2. for SPRs: <http://www.dla.mil/j-6/dlms/eLibrary/Changes/approved3.asp>.]

C2.2. SPECIAL PROGRAM REQUIREMENTS (SPR), DS 830R. [Changes to section C2.2, SPR were staffed separately and were approved by ADC 287. The SPR procedures are not impacted by the DDE process or ADC 278. See ADC 287 for the revised section C2.2 for SPRs: <http://www.dla.mil/j-6/dlms/eLibrary/Changes/approved3.asp>.]

C2.3. DDE PROJECTED SUPPLY PLAN FORECASTS. This section provides procedures for the exchange of demand forecast **DDE projected supply plan** data between the Defense Logistics Agency (DLA) and DoD customers. The two components of this business process are the transmission of customer requirements via DDE and **Customer Collaboration**. Business rules for the submission and processing of DDE shall be documented in a DLA customer support agreement, (*i.e. Joint Collaboration Agreement*). This agreement must be in place prior to the initial submission of DDE. DLA *shall* use the DDE/**Customer Collaboration** process to improve the accuracy of DLA's demand planning to support customer's requirements.

C2.3.1. **Forecasting DDE supply planning** activities may submit to DLA their **forecasts projected supply plan**/collaboration data for future requirements expected to be obtained from DLA using the DLMS 830D **DDE Projected Supply Plan Transaction**. Separate **DDE projected supply plans** into monthly periods based on the projected dates that the material will be ordered from DLA. Types of demands for which collaboration data may be submitted include, but are not limited to:

- C2.3.1.1. Requirements for which the DoD Component has a recurring demand.
- C2.3.1.2. Subsistence, all categories.
- C2.3.1.3. One-time training exercises or maneuvers.
- C2.3.1.4. Repair or rebuild programs which are either nonrecurring or which are seldom or irregularly programmed.
- C2.3.1.5. New constructions (ships, buildings, etc.).
- C2.3.1.6. One-time alterations, modifications, or conversion programs.
- C2.3.1.7. Initial issue of existing items (i.e., outfittings, activations, and changes in authorized allowances).
- C2.3.1.8. Initial requirements for special operational projects.
- C2.3.1.9. Requirements for initial testing.
- C2.3.1.10. Requirements for infrequently planned support operations such as Arctic and Antarctic resupply missions.
- C2.3.1.11. Special situations of a nonrepetitive nature when required in support of authorized Security Assistance Program requirements (e.g., initial pipeline stockage requirements in support of approved Cooperative Logistics Supply Support Arrangement (CLSSA), etc.)

C2.3.1.12. Zero or reduced requirements, which are different than past demand history patterns.

C2.3.2. DDE **Projected Supply Plan** Submission and Routing

C2.3.2.1. Submission Timeframe. **DDE Transactions must** be submitted each month. Demand data should be submitted by the 1st of the month **and may be submitted up to 5 business days prior to the 1st of the month**, with a buffer until the ~~6th~~ **3rd** of the month to accommodate transmission errors or failures.

C2.3.2.2. DDE **Projected Supply Plan.** **DDE supply planning** activities shall prepare the **DDE projected supply plan** for each item = **Demand Forecast Unit** (i.e., National Item Identification Number (NIIN), **Ship To DoDAAC, and Sold To DoDAAC**) for which the customer wishes to collaborate with DLA. Each transaction set must include the **projected supply plan** period beginning date and the **projected supply plan** period ending date. The **projected supply plan** period spanned can be as little as 12 months or as much as 60 months.

C2.3.3. DAASC Processing. DAASC shall route all DDE transactions to DLA's Enterprise Processing Center, SOS "SMS."

C2.3.4. DLA Validation of NIIN. DLA shall screen transaction sets and will only accept for processing valid NIINs.

C2.3.5. DLA Processing of DDE Data. DLA shall compare the collaboration customer's **projected supply plan** to the projected customer **supply plan** calculated by the Planning and Collaboration Subsystem **or the previous collaborative projected supply plan if the NIIN is a recurring Demand Forecast Unit.**

C2.3.5.1. **~~Those items that Collaborative items~~ (which may or may not exceed system tolerance parameters)** shall be **flagged for available** for collaboration interaction with the customer and **DLA via the Planning and Collaboration Subsystem.**

C2.3.5.2. Items previously identified for inclusion in DDE that are not in the current DDE submission shall **be flagged for review remain flagged as Collaborate with the most recent DDE projected supply plan quantities received from the customer.** If the customer **would like to remove an item** from the DDE effort, the customer shall submit a DS 830D, DDE **Cancellation Transaction for the NIIN** and the item will be removed from the DDE/Customer Collaboration effort.

C2.3.5.3. The setting of system tolerance parameters used in this review requires consideration of the following: size of the **DDE projected supply plan** quantity in relation to the Planning and Collaboration Subsystem forecasted demand for the item; value (cost) of the **projected supply plan** quantity; **supply status of the item being forecasted; funding capabilities;** accuracy of customer's past **DDE projected supply plans;** and degree of assurance that requisitions will follow.

C2.3.6. Collaboration Interaction. **All Collaborative items (which may or may not exceed system tolerance parameters)** shall **be available** for **monthly** collaboration interaction with the customer **and DLA.** The point of contact for the customer **shall be** alerted, **via** e-mail by the Collaboration lead at their Center (**Defense Supply Center**

Richmond (DSCR), Defense Supply Center Columbus (DSCC), Defense Supply Center Philadelphia (DSCP)), by the 7th business day of every month to notify their customer of the *open and close dates of the monthly collaboration window*. The customer *shall* normally have until the ~~16th day~~ 4th *Thursday* of the month to complete the review (*specific open and close dates will be cited in the e-mail*). The DLA demand planner will then have until the ~~25th~~ 4th *Friday* of the month (*also known as 'Demand Month End'*) to complete the review and publish the demand plan for inclusion in the **projected supply plan**.

ENCLOSURE 3 to ADC 278 CDD Format

EXCERPT FROM EBS DDE Customer Collaboration via Digital Data Network,
Job Aid, November 29, 2007:

Each DDE data record is categorized by a field legend, and provides details on the following: field position, whether the field data is required or optional, and field contents.

NOTE: Where the field is identified as **OPTIONAL below, please refer to this as a 'mandatory / optional' field. The field should still be programmed in the formatting; however, the data inside the field is **OPTIONAL****

Field Legend: Transaction Type Field Position: 01-03 REQUIRED

This field will contain a constant of 'CDD' which is the DIC for the DDE transaction. All collaboration forecast submittals will reflect CDD in positions 1-3.

Field Legend: Source of Supply Field Position: 04-06 REQUIRED

This is the RIC of the destination Source of Supply. The only allowable entry in this field is 'SMS' indicating that the NIIN is managed by the DLA. DDE transactions for NIINs that do not have a SMS source of supply will be **rejected**.

Field Legend: Submitter DoDAAC Field Position: 07-12 REQUIRED

This field will contain the six-position Department of Defense Activity Address Code (DoDAAC) of the submitting organization. Identified as Location 3 within Manugistics Collab.

Field Legend: Sold To DoDAAC Field Position: 13-18 REQUIRED

This field will contain the six-position DoDAAC of the customer's user's organization that will be requisitioning the item. This DoDAAC is found in the first six positions of a requisition document number. Identified as Location 2 within Manugistics Collab.

Field Legend: Ship To DoDAAC Field Position: 19-24 REQUIRED

This field will contain the six-position DoDAAC of the "Ship to" organization. In many cases the submitter and ship-to DoDAAC will be the same on the transaction. Identified as Ship To Location within Manugistics Collab.

Field Legend: NIIN Field Position: 25-33 REQUIRED

Nine-position National Item Identification Number (NIIN) of the item the submitter wishes to collaborate on.

Field Legend: Unit of Issue Field Position: 34-35 REQUIRED

Two-position unit of issue for the nine-position NIIN identified in positions 25-33 above.

Field Legend: Planning Code Field Position: 36-40 OPTIONAL

Five-position planning code to be used by the DDE transaction Submitter to identify any unique planning code. The planning code will be reflected in the submitter's collaboration forecast as input by the submitter. The intent of this field is to provide the user with a field that may be useful for either internal service analysis or the collaboration process. DLA will perpetuate the data in this field and it will be visible in the online Manugistics Collaborate tool as a drill down field. This field can be blank or contain maximum of five alpha/numeric characters. **NOTE:** If field is blank file must still contain 5 spaces.

Field Legend: Supply Plan Start Date Field Position: 41-45 **REQUIRED**

Five-position Julian date that the supply plan will begin. The supply plan start date indicates the beginning of the collaboration (forecast) time period and is the 1st day of the month in which collaboration transactions are submitted. This date field must reflect the 1st day of the month in which the DDE transactions are submitted to DLA. Example: If DDE is submitted on May 1, 2007, the supply start date must be 07121. **NOTE:** This date must always be the 1st day of the month, even if the actual date of transmission is later a later date in the month.

NOTE: The DDE/CC transactions will be submitted no later than the 1st day of every month but should be submitted up to **5 business days** prior to the **1st** business day of the month. The 2nd and the 3rd business day will be reserved fro error correction to the submitted files.

Field Legend: Supply Plan End DateField Position: 46-50 **REQUIRED**

Five-position Julian date that the supply plan will end. The supply plan end date indicates the end of the collaboration (forecast) time period and is the last day of the final forecast period (or month). Time periods beyond the final forecast period are not considered in the collaboration process. When submitting monthly requirement quantities, the supply plan end date must reflect the last day of the last month in the forecast period/ quantities are expected to end. Example: If DDE is submitted on May 1, 2007 for two years of forecast quantities, the supply end date must be 09120 (April 30, 2009).

Field Legend: Supply Plan Type Field Position: 51 **REQUIRED**

This field is a one-position Supply Plan (forecast) Type and is a required field. **NOTE:** This field will ALWAYS contain M (Monthly). At a later release, the transaction may allow input of one of the following codes: Q = Quarterly, S = Semi-Annually, and A = Annually. This field reflects the period in which the supply plan quantity fields will be expressed. If the Submitter puts an "M" in this field the quantity fields in transaction position 52-951 (60 individual quantity fields of 15 positions each) of this transaction are forecast periods of monthly quantities required. If the user puts a Q in this field, forecast periods of quarterly quantities are required. If the user puts an S in this field, forecast periods of semi-annual quantities are required. If the user puts a Y in this field, forecast periods of yearly quantities are required.

Field Legend: Supply Plan Period Quantities Field Position: 52-951 **REQUIRED**

This field will contain up to 60 separate supply plan quantities in fifteen-position fields per quantity and should correspond to the periods covered between the Supply Plan Start Date and the Supply Plan End Date, in terms of the Supply Plan Type. Positions 52-951 of the DDE transaction are designed as an array to hold the 60 separate supply plan quantities (forecast quantities) required by the Submitter based upon the supply plan start date, the supply plan end date, and the supply plan type. Quantities are to be whole numbers; no decimal numbers are allowed. Each of the Quantity fields must be filled either with a numeric quantity or zeros (each field must be left padded with zeros to fill out the entire field space allocated) and should correspond to the periods covered between the Supply Plan Start Date and the Supply Plan End Date and in terms of the Supply Plan Type. Quantities must be entered starting with the first field in the Array and continuing with quantity entries that correspond with to the Start Plan End Date and the Supply Plan Type. All sixty fields must be populated with either a numeric quantity or zero; a Null (no data) in a supply plan quantity field will cause the transaction to fail validation. The forecast period is defined by the Supply Plan Start and End dates. All fields beyond the Supply Plan End Date should be filled with zeros. A numeric quantity in a month beyond the Supply Plan End Date will trigger a validation request to the submitter. Quantities of zero in a field representing a month within the Supply Plan Start Date and Supply Plan End Date will indicate that the submitter does not have a requirement in that month. Zero quantities in months beyond the Supply Plan End Date indicate that the user has not submitted a forecast for these months.

NOTE: If quantity is entered outside of the Supply Plan End Date specified in Field Position: 46-50, this quantity will default to null.

Field Legend: Supply Plan Removal Code Field Position: 952 **OPTIONAL**

This field should contain an 'R' to indicate that this Supply Plan DFU should be deleted when the submitter wants to remove the item from the collaboration efforts. When this field is used, ALL other required fields must be valid data. If a NIIN is submitted to DLA for collaboration, DLA "marks" it as a collaborative item and "looks" for it in each subsequent submission from the user. If the item is missing, the DLA edit will trigger an inquiry to the submitter and all previous forecast quantities remain in the system (the item is not removed unless the 'R' is included). The 'R' supply plan removal code advises DLA that the submitter intentionally deleted the item. **NOTE:** If field is blank, file must still contain 1 space.

Field Legend: Optional Field 1 Field Position: 953-972 **OPTIONAL**

This field contains free form text which may be used as a field for the submitter 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 Manugistics Collaborate tool. This field is optional and informational in nature; the data in this field will be perpetuated into the Manugistics Collaborate tool and can be viewed by all participants in the collaboration process. The intent of this field is to provide the user with a field that may be useful for either internal service analysis or the collaboration process. DLA will perpetuate the data in this field and it will be visible in the online Manugistics Collaborate tool as a drill down field. **NOTE:** If field is blank file must still contain 20 spaces.

Field Legend: Optional Field 2 Field Position: 973-992 **OPTIONAL**

Same as Optional Field 1

NOTE: If field is blank file must still contain 20 spaces.

Field Legend: Optional Field 3 Field Position: 993-1012 **OPTIONAL**

Same as Optional Field 1

NOTE: If field is blank file must still contain 20 spaces.

Field Legend: Optional Field 4 Field Position: 1013-1062 **OPTIONAL**

Same as Optional Field 1

NOTE: If field is blank file must still contain 50 spaces.