



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

July 31, 2015

**MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS**

**SUBJECT:** Approved Defense Logistics Management Standards (DLMS) Change (ADC) 1172, Revise DLMS 527D Due-In and Prepositioned Materiel Receipt (PMR) to Support Commodity-Unique Mapping Product Requirements (Supply)

The attached change to DLM 4000.25, Defense Logistics Management Standards is approved for implementation. The updated DLMS implementation convention (IC) will be posted to DLMSO Web site at [www.dla.mil/j-6/dlmsso/elibrary/TransFormats/140\\_997.asp](http://www.dla.mil/j-6/dlmsso/elibrary/TransFormats/140_997.asp) within 10 days from the above date. DLA Mapping Enterprise Business System (MEBS) and DLA Distribution Standard System (DSS) are targeted to implement this change in September 2015. This change does not impact Service systems.

Addressees may direct questions to Ms. Mary Jane Johnson, email: [Mary.Jane.Johnson@dlamail.mil](mailto:Mary.Jane.Johnson@dlamail.mil), or Mr. Rafael Gonzalez, email: [Rafael.Gonzalez@dlamail.mil](mailto:Rafael.Gonzalez@dlamail.mil). Others must contact their designated Supply PRC representative available at <https://www2.dla.mil/j-6/dlmsso/CertAccess/SvcPointsPOC/allpoc.asp>.

DONALD C. PIPP  
Director  
Defense Logistics Management  
Standards Office

Attachment  
As stated

cc:  
ODASD (SCI)

# **Attachment to ADC 1172**

## **Revise DLMS 527D Due-In and PMR to Support Commodity-Unique Mapping Product Requirements**

### **1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:**

a. **Technical POC:** Defense Logistics Agency (DLA) Information Operations at Ogden J62DCB Branch Chief, Charlene Smith, Telephone COMM: 801-586-0352, DSN: 586-0352, email: [Charlene.Smith@dla.mil](mailto:Charlene.Smith@dla.mil)

b. **Functional POC:** DLA Distribution Mapping Richmond, David Gambrell, Telephone COMM: 804-279-6586, DSN: 586-6586, email: [David.Gambrell@dla.mil](mailto:David.Gambrell@dla.mil)

### **2. FUNCTIONAL AREA:**

a. **Primary/Secondary Functional Area:** Supply/Logistics

b. **Primary/Secondary Functional Process:** Defense Distribution Mapping Activity/Mapping Customer Operations

### **3. REFERENCES:**

a. [Approved DLMS Change \(ADC\) 348](#), Revise DLMS Supplement 527R and 527D in Support of Mapping Product Requirements, dated October 26, 2009

b. [DLM 4000.25](#), Defense Logistics Management Standards (DLMS)

### **4. APPROVED CHANGE(S):**

a. **Brief Overview of Change:** This change identifies several mapping product unique data elements for the DLMS 527D Due-In and Prepositioned Materiel Receipt (PMR) transactions. Mapping Enterprise Business System (MEBS) sends the PMR to Distribution Standard System (DSS). These data elements are: Mapping Product Type, Cycle Frequency for Flight Information Program (FLIP) products, Mapping Product Procurement Type, Total Automatic Initial Distribution (AID) Quantity, and AID Required Indicator. Of those data elements, DLA has identified the following as mandatory for use with due-in and PMR for mapping products: AID Required Indicator, Mapping Product Type, and Mapping Product Procurement Type.

b. **Background:**

(1) Mapping Customer Operations (MCO) is in the process of designing and deploying a new system, MEBS, to provide a means to convey mapping data from MEBS to DSS in DLMS X12 format. As a result, several data elements were identified as needed for the DLMS 527D PMR going from MEBS to DSS for mapping products. Note that ADC 348 (Reference 3.a.) previously added mapping data to the DLMS 527D.

(2) Today MEBS provides DSS the data in a flat file. This change will allow MEBS to provide the data more efficiently as part of the 527D PMR transaction that MEBS already sends to DSS.

**c. Approved Change in Detail:** Revise the DLMS 527D implementation convention (IC) to add the following data elements when supporting mapping product requirements:

(1) Mapping Product Type identifies the type of map product. The authorized code values are identified in paragraph 9.a

(2) Cycle Frequency identifies the number of days that a FLIP Map product is effective before mandatory disposal.

(3) Total AID Quantity represents the number of subscriptions and assists in determining depot workload.

(4) The AID Required Indicator identifies the requirement to utilize Total AID Quantity in determination of storage location.

(5) Mapping Product Procurement Type identifies the reason for procurement for the map product. It is used to determine hierarchy for the effective date range and map edition. The code values are identified in paragraph 9.a.

**d. Revision to DLM 4000.25 DLMS (Reference 3.b.):**

(1) Revise the DLMS 527D IC as shown in Enclosure 1.

(2) Revise DLM 4000.25, DLMS, Volume 2, as shown in Enclosure 2 to:

(a) Update Table of Contents to add new Appendix 7 entry.

(b) Update Appendix 7 index for new entry.

(c) Add Appendix 7.XX<sup>1</sup> to add new appendix for the Mapping Product Relevant Data.

**e. Approved Transaction Flow:** MEBS will include mapping data, which it currently provides to DSS in a flat file, in the DLMS 527D PMR, thereby eliminating the need for the separate flat file.

**f. Alternatives:** Current inefficient, non-DLMS compliant process using separate flat file for the data.

**5. REASON FOR CHANGE:** This change is required to consolidate required information associated with mapping products that will be conveyed in the DLMS 527D and, thereby, eliminate a separate data feed for this information. This requirement is critical for DSS processing because the addition of the requested elements aids in correctly identifying materiel at time of receipt, inventory, and care for the supplies in storage, proper disposal, and issues to the customer.

---

<sup>1</sup> The Appendix number will be assigned when the ADC is published into DLM 4000.25, DLMS, Volume 2.

**6. ADVANTAGES AND DISADVANTAGES:**

**a. Advantages:** The advantage to adding the Mapping Product Type, Cycle Frequency for FLIP products, Mapping Product Procurement Type, Total AID Quantity, and AID Required Indicator to the DLMS 527D is that it aids in identification of the proper map products in DSS processes. Currently, DSS is receiving this information in a flat file and has system logic to properly interpret all of the data elements now being incorporated in the 527D. DSS and MEBS identified that these data elements were needed for receipt processing of mapping supplies and would not like to experience an interruption in the transition between a flat file and the DLMS 527D transaction format.

**b. Disadvantages:** There are no known disadvantages.

**7. ESTIMATED TIME LINE/IMPLEMENTATION TARGET:** September 2015.

**8. ESTIMATED SAVINGS/COST AVOIDANCE ASSOCIATED WITH IMPLEMENTATION OF THIS CHANGE:** DLA states that without this additional information provided in the PMR, shipment processing for subscriptions (AID) will be increased by 4-6 hours, equating to \$72-\$108 more salary per line. At 10,000 receipts per year, this will be approximately \$800,000 more in direct labor costs.

**9. IMPACT:**

**a. New DLMS Data Elements:** This ADC adds the following new DLMS Data Elements for inclusion in the DLMS Data Dictionary:

#	New DLMS Data Element	Explanation
1	Mapping Product Type Length = 1 Type = Alphanumeric <b>By this change, DLMS becomes the authoritative source for this code; changes to the code values must be submitted as a PDC to DLMSO.</b>	Identifies the type of mapping product. Current authorized code values and definitions are: <u>CODE</u> <u>EXPLANATION</u> 1 Lithographs 2 Digital Data Products/ Plastics 3 Publications 4 Catalogs 5 Download Only 6 Download/Lithographic 7 Video Laser Disc Products 8 Flip - Flight Information Program 9 Navigational Filmstrips P Gridded Air Photos
2	Mapping Product Cycle Frequency Length = 9 Type = Numeric	Provides the frequency that FLIP products will be distributed in days, which constitutes a FLIP cycle. Mapping Product Cycle Frequency identifies the number of days that a FLIP Map product is effective before mandatory disposal.
3	Mapping Product Total Automatic Initial Distribution (AID) Quantity Length = 9 Type = Numeric	Provides the total quantity of automatic distribution of a stock number. Total AID Quantity represents the number of subscriptions and assists in determining depot workload
4	Mapping Product Automatic Initial Distribution (AID) Required Indicator Length = 1 Type = Alphanumeric	Indicates an AID or subscription requirement exists for the materiel. Values: Y Yes N No

#	New DLMS Data Element	Explanation																
5	Mapping Product Procurement Type Length = 1 Type = Alphanumeric <b>By this change, DLMS becomes the authoritative source for this code; changes to the code values must be submitted as a PDC to DLMSO.</b>	Identifies the type of procurement for mapping products. Current authorized code values and definitions are: <table border="1"> <thead> <tr> <th>CODE</th> <th>EXPLANATION</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Redistribution Action</td> </tr> <tr> <td>1</td> <td>New Item</td> </tr> <tr> <td>2</td> <td>Revision of existing item</td> </tr> <tr> <td>3</td> <td>Reprint of existing item</td> </tr> <tr> <td>4</td> <td>Reprint of new item</td> </tr> <tr> <td>5</td> <td>Corrected reprint</td> </tr> <tr> <td>6</td> <td>Procured Item with Same Edition</td> </tr> </tbody> </table>	CODE	EXPLANATION	0	Redistribution Action	1	New Item	2	Revision of existing item	3	Reprint of existing item	4	Reprint of new item	5	Corrected reprint	6	Procured Item with Same Edition
CODE	EXPLANATION																	
0	Redistribution Action																	
1	New Item																	
2	Revision of existing item																	
3	Reprint of existing item																	
4	Reprint of new item																	
5	Corrected reprint																	
6	Procured Item with Same Edition																	

**b. Changes to DLMS Data Elements:** No changes to existing DLMS data elements.

**c. Accredited Standards Committee (ASC) X12 Data Maintenance Action.** DLMSO is submitting data maintenance action for establishment of the following ASC X12 data element 1270 codes:

- (1) MPT - Mapping Product Type Code.
- (2) MPP - Mapping Product Procurement Type

**d. Automated Information Systems (AIS):**

- (1) DLA MEBS (MCO) and DLA DSS must implement this change.
- (2) No impact to Service systems.

**e. DLA Transaction Services:** DLA Transaction Services must ensure that the DLMS data map for 527D includes the new data elements.

**f. Non-DLM 4000.25 Series Publications:** None identified. DLA Distribution must update their internal guidance, as needed, for identified revisions to the DLMS 527D as it replaces the separate flat file currently used.

**10. PDC 1172 Response Table:**

Component	Component Response	DLMSO Response
DLA	Concur without comment from DLA MEBS, DLA DSS, and DLA Supply.	Noted
Marine Corps	Concur with PDC as written.	Noted.
Air Force	No Response	No impact
Army	No Response	No impact
Navy	No Response	No impact
USTRANSCOM	Abstains.	No impact.

Enclosures

## ENCLOSURE 1 TO ADC 1172

Revise DLMS 527D Due-In and Prepositioned Materiel Receipt (PMR) to Support Commodity-Unique Mapping Product Requirements

### 527D Change Table

#	Location	DLMS 527D Due-In and PMR	Reason
1	Introductory Notes	<p><u>Add ADC 1172 to DLMS Introductory note:</u>                      - ADC 1172, Revise DLMS 527D Due-In and Prepositioned Materiel Receipt (PMR) to Support Commodity-Unique Mapping Product Requirements</p>	Identifies DLMS Changes included in the DLMS Supplement.
2	2/DD/080	<p><u>Combine existing segment level notes 1 and 2, add new segment level note 2:</u></p> <p>1. Use in non-procurement source due-in transactions <del>only</del>, to stratify the due-in quantity by the applicable weapon system. <del>Use only</del> when weapon system designator information was provided for the associated materiel return. <b><i>This use is a DLMS enhancement; see introductory DLMS note 4a.</i></b> <del>The</del> sum of the individual quantities in DD07, reported by repetition of this segment, may not exceed the quantity reported in RCD02 of the 2/RCD/040 loop.</p> <p><b><i>2. Use with due-in and PMR to support mapping product data. Authorized DLMS migration enhancement for mapping products. Refer to ADC 1172.</i></b></p>	To support inclusion of mapping data requirements in the DD segment.
3	2/DD01/080	<u>Open DD01, 1271 Industry Code</u>	Use in combination with DD02 to provide the value for the DD02 Mapping Product Procurement Type.
4	2/DD02/080	<p><u>Open DD02 and add local code MPP with DLMS notes:</u></p> <p><b>MPP Mapping Product Procurement Type</b></p> <p><b><i>1. Use to identify Mapping Product Procurement Type. DD01 code values authorized for use with MPP are identified in DLM 4000.25, DLMS, Volume 2. Required for due-in and PMR for mapping products.</i></b></p> <p><b><i>2. At this time a local code MPP is established for use in 527D version 4010. A data maintenance action has been submitted for establishment of MPP - Mapping Product Procurement Type in a future version.</i></b></p>	<p>To support mapping product requirements.</p> <p>The Mapping Product Procurement Type code codes will be published in DLMS, Volume 2, Appendix 7, as shown in Enclosure 2.</p>
5	2/DD03/080	<u>Change usage from 'Must Use' to 'Use'.</u>	Change is necessary because mapping products may use the DD segment as documented in this change, but DD03 is not used with due-in or PMR associated with mapping products.

#	Location	DLMS 527D Due-In and PMR	Reason
6	2/DD04/080	<u>Change usage from 'Must Use' to 'Use'.</u>	Change is necessary because mapping products may use the DD segment as documented in this change, but DD04 is not used with due-in or PMR associated with mapping products.
7	2/DD05/080	<u>Change usage from 'Must Use' to 'Use'.</u>	Change is necessary because mapping products may use the DD segment as documented in this change, but DD05 is not used with due-in or PMR associated with mapping products.
8	2/DD07/080	<u>Change usage from 'Must Use' to 'Use'.</u>	Change is necessary because mapping products may use the DD segment as documented in this change, but DD07 is not used with due-in or PMR associated with mapping products.
9	2/DD08/080	<u>Open DD08 with DLMS note:</u> <b>DLMS Note:</b> <i>Use to provide the Automatic Initial Distribution Required indicator. Indicates whether an Automatic Initial Distribution or subscription requirement exists for the materiel. A "Y" indicates yes; an "N" indicates no. Required for due-in and PMR for mapping products. If the Automatic Initial Distribution Required Indicator is "Y", then 2/QTY01/310 code AH, Total Automatic Initial Distribution Quantity, is required.</i>	Supports mapping product requirements. Indicates an automatic initial distribution or subscription requirement exists for the materiel. Code values: 'Y' for Yes and 'N' for No The AID Required Indicator identifies in the due in and PMR to utilize Total AID Quantity in determination of storage location.
10	2/DD09/080	<u>Open DD09,1271 Industry Code</u>	Use in combination with DD10 to provide the code value for the DD10 MPT, Mapping Product Type.
11	2/DD10/080	<u>Open DD10 and add new local code MPT for Mapping Product Type with DLMS notes:</u> <b>MPT Mapping Product Type</b> <b>DLMS Note:</b> <i>1. Use to identify Mapping Product Type. Code values authorized for DD09 entry with MPT are identified in DLM 4000.25, DLMS, Volume 2. Required for due-in and PMR for mapping products.</i> <i>2. At this time a local code MPT is established for use in 527R version 4010. A data maintenance action has been submitted for establishment of MPT - Mapping Product Type Code in a future version.</i>	Supports mapping product requirements. Code identifying the type of mapping product.  The Mapping Product Type code values will be published in DLMS, Volume 2, Appendix 7, as shown in Enclosure 2.

#	Location	DLMS 527D Due-In and PMR	Reason
12	2/QTY/310	<p><u>Revise segment level DLMS note 2:</u></p> <p>1. Use the 2/QTY/310 loop for due-in transactions only to stratify the total due-in quantity referenced in the 2/RCD/040 loop by receiving activity. Stratification by receiving activity within a single due-in transaction is a DLMS enhancement. See introductory DLMS note 4a. UIT/IUID information cannot be provided for quantities stratified by the 2/QTY/310 loop.</p> <p>2. <del>The 2/QTY/310</del> <i>Use of the QTY</i> segment is an authorized <b>DLMS enhancement</b> for <i>use by DLA Disposition Services and for use with mapping products.</i> <del>use to provide the Disposition Services Complete Container Count.</del> Refer to ADC 1021 and ADC 1172.</p>	Supports mapping product requirements.
13	2/QTY01/310	<p><u>Add qualifier 5U with DLMS note:</u></p> <p><b>5U Frequency</b></p> <p><b>DLMS Note:</b> <i>Use to identify the Mapping Product Cycle Frequency. This identifies the number of days that a Flight Information Program Map product is effective before mandatory disposal. Use with due-in and PMR for mapping products. Authorized DLMS migration enhancement. Refer to ADC 1172.</i></p>	Supports mapping product requirements. Provides the frequency that FLIP products will be distributed in days, which constitutes a FLIP cycle. Mapping Product Cycle Frequency identifies the number of days that a FLIP Map product is effective before mandatory disposal.
14	2/QTY01/310	<p><u>Add qualifier AH with DLMS note:</u></p> <p><b>AH Number of Message Recipients</b></p> <p><b>DLMS Note:</b> <i>Use to identify the Total Automatic Initial Distribution Quantity. This represents the total number of subscriptions. Must use with due-in and PMR for mapping products when the 2/DD08/080 Automatic Initial Distribution Required indicator is "Y". Authorized DLMS migration enhancement. Refer to ADC 1172.</i></p>	Supports mapping product requirements. Provides the total quantity of automatic distribution of a stock number. Total AID Quantity represents the number of subscriptions and assists in determining depot workload

## ENCLOSURE 2 TO ADC 1172

Revise DLMS 527D Due-In and PMR to Support Commodity-Unique Mapping Product Requirements

Revise DLM 4000.25, DLMS, Volume 2, Supply Standards and Procedures, to update the Table of Contents as needed, Appendix 7 index as needed, and add two new Appendix 7 code lists.

**A. Update Table of Contents for the new Appendix 7.XX, Mapping Product Relevant Data Elements.**

**B. Revise Appendix 7 Index to add new appendix:**

NUMBER	TITLE
AP7.XX	Mapping Product Relevant Data Elements

**C. Add New Appendix 7.XX, Mapping Product Relevant Data Elements**

### **AP7.XX APPENDIX 7.XX** **Mapping Product Relevant Data Elements**

AP7.XX.1. GENERAL. This appendix provides a consolidated reference resource for mapping product relevant data elements and their associated code sets. The following data elements are included in this appendix.

AP7.XX.1.1. Mapping Product Type.

AP7.XX.1.2. Mapping Product Procurement Type

AP7.XX.2. MAPPING PRODUCT TYPE

NUMBER OF CHARACTERS: One

TYPE OF CODE: Alphanumeric

EXPLANATION: Identifies the type of mapping product.

DLMS SEGMENT/QUALIFIER: LQ Segment, LQ01 Data Element ID 1270  
Qualifier "MPT – Mapping Product Type Code"

CODE      EXPLANATION

1      Lithographs

- 2 Digital Data Products/ Plastics
- 3 Publications
- 4 Catalogs
- 5 Download Only
- 6 Download/Lithographic
- 7 Video Laser Disc Products
- 8 Flip - Flight Information Program
- 9 Navigational Filmstrips
- P Gridded Air Photos

AP7.XX.3. MAPPING PRODUCT PROCUREMENT TYPE

NUMBER OF CHARACTERS: One

TYPE OF CODE: Alphanumeric

EXPLANATION: Identifies the type of procurement for mapping products.

DLMS SEGMENT/QUALIFIER: LQ Segment, LQ01 Data Element ID 1270  
Qualifier "MPP – Mapping Product Procurement Type Code"

<u>CODE</u>	<u>EXPLANATION</u>
0	Redistribution Action
1	New Item
2	Revision of existing item
3	Reprint of existing item
4	Reprint of new item
5	Corrected reprint
6	Procured Item with Same Edition