



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

IN REPLY
REFER TO DLMSO

May 21, 2010

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Approved Defense Logistics Management System (DLMS) Change (ADC) 386, Revised Data Content for DLMS Inventory Adjustment and Supply Discrepancy Report (SDR) Supporting Mapping Enterprise Business System (MEBS) and National Geospatial-Intelligence Agency (NGA) Product Code Value Update (Staffed as PDC 396)

The attached change to DOD 4000.25-M, Defense Logistics Management System (DLMS) manual, Reporting of Supply Discrepancies, is approved. DoD WebSDR will be available to support the new data requirement by December 2010. An implementation date for the Distribution Standard System (DSS) has not been scheduled at this time. The updated DLMS Supplement will be posted to the DLMSO Web site <http://www.dla.mil/j-6/dlms0/elibrary/TransFormats/formats.asp> within **10** work days from the above date for implementation planning.

Addressees may direct questions to the DLMSO points of contact Ms. Ellen Hilert, e-mail: Ellen.Hilert@dlmso.dla.mil, or Ms. Mary Jane Johnson, email: Mary.Jane.Johnson@dlmso.dla.mil. Others must contact their Component designated Supply PRC representative.

A handwritten signature in cursive script, appearing to read "D. C. Pipp", with a small "for" written to the left of the signature.

DONALD C. PIPP
Director
Defense Logistics Management
Standards Office

Attachment

cc:
ADUSD(L&MR)SCI
SDR Committee (U.S.)

ADC 386,
Revised Data Content for DLMS Inventory Adjustment and
SDR Supporting MEBS and NGA Product Code Value Update

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:

- a. **Service/Agency:** Defense Logistics Agency
- b. **Technical POC:** DLA J6-RSC, 804-279-4435
- c. **Functional POC:** DSCR-QAM, 804-279-6505

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. DLMSO memorandum dated October 26, 2009, subject: Approved Defense Logistics Management System (DLMS) Change (ADC) 348, Revise DLMS Supplement 527R and 527D in Support of Mapping Product Requirements. This change also updates the NGA Product Code

b. DLMSO memorandum dated November 7, 2004, subject: ADC 141, Revise DLMS Supplement 940R, Material Release, to Accommodate Delivery Priority Codes and National Geospatial-Intelligence Agency (NGA) (formerly National Imagery and Mapping Agency (NIMA) Product Codes

4. BACKGROUND: Mapping Enterprise Business System (MEBS) will be the most modern generation of systems utilized by Mapping Customer Operations (MCO) to manage supply chain operations within MCO. This system will utilize current technologies and practices to deliver enhanced capabilities over the current DLA Automated Distribution Management System (DADMS) environment currently in use by MCO. A major function of the MEBS environment is to integrate with other external systems, such as Defense Automatic Addressing System (DAAS) and Map Support Office Distribution System (MSODS), utilizing a variety of protocols, data content, and frequency. A major addition over the existing DADMS environment will be a formal integration framework to improve the reliability and traceability of external system interactions. This change will provide a consistent interface to the internal MEBS system, and enable the evolution of the external interface to utilize new technologies and other systems. Revisions subsequent to staffing are highlighted in yellow.

a. **Intent of the transaction:** MCO is in the process of designing and deploying a new system, MEBS. These changes provide a means to convey the additional field requirements and other mapping product data, between the Distribution Standard System (DSS) and MEBS in DLMS format.

b. **Scenarios for which the transaction is used:**

(1) DS 947I, Inventory Adjustment, transactions are used for inventory adjustments to items in storage. Due to the uniqueness of the map products and in order to ensure the appropriate adjustments are applied when required, change to the DS 947I transaction to include the National Geospatial-Intelligence Agency (NGA) Reference Number, Map Edition Number, Map Edition Date, and Map Effective Date, is required.

(2) DS 842A/W, SDR, transactions are used for reporting receipts that are non-conformant. Due to the uniqueness of mapping products, a change to the DS 842A/W Transaction Set to include the NGA Reference Number, Map Edition Number, Map Edition Date, and Map Effective Date is required.

c. Procedures, transactions, data elements, processing details in use today: Currently, the NGA Reference Number, Edition Number, Edition Date, and Effective Date are not defined in the DLMS Supplement DS 947I, Warehouse Inventory Adjustment Advice, nor the DS 842, Nonconformance Report.

5. PROPOSED CHANGE(S):

a. Requested change in detail:

(1) This request for change is centered on required changes to be programmed into DSS to support this function. When the required changes are programmed in DSS, the data will already be present in DLMS format. This includes transactions that will be passed from DSS to MEB via the 947I and 842A/W Transaction Sets for which the required data fields need to be added.

(2) MEBS will not interface with EBS; MEBS will not interface directly with WebSDR at this time. The new data elements required for SDRs will be adopted in DSS and do not need to be included on WebSDR screens for direct input.

(3) The requested data elements are required to support the MEBS/DSS interface, not just for receipt and due-in purposes, but also for inventory adjustments and reporting nonconformances discovered during inventory and receipt processes pertaining to map products received and stored in a Defense Distribution Mapping Activity (DDMA).

(4) DDMA is the storage activity for products managed by MCO. They utilize both DSS and MSODS systems. In addition to DDMA, other Map Support Offices (MSOs) that store map products will utilize MSODS. MSODS is the management system that manages all map products currently stored in other MSOs. These are the only storage activities that will interface with MEBS via MSODS.

(5) Beyond submitting standard requisitions for products, customers will not be involved in any of these processes. Customers will continue to report product discrepancies and other issues associated with map products using WebSDR or their Component SDR application. SDRs for maps directed to Routing Identifier HM8 (Defense Supply Center Richmond) and SAH (Defense Distribution Mapping Activity) will continue to be transmitted via email with SDR replies created via DoD WebSDR.

b. Proposed Procedures: Add the following data elements as indicated:

For 947I – Warehouse Inventory Adjustment Advice

- NRN – Ref = N901, ID = 128, Code = 6E Map Reference
- Map_Edition_No – Ref = N901, ID = 128, Code = 6G Map Number
- Map_Edition_Date – Ref = G6201, ID = 432, Code = BC Publication Date
- Map_Effective_Date – Ref = G6201, ID = 432, Code = 07 Effective Date

For 842A/W – Nonconformance Report

- NRN – Ref = REF01, ID = 128, Code = 6E Map Reference
- Map_Edition_No – Ref = REF01, ID = 128, Code = 6G Map Number
- Map_Edition_Date – Ref = DTM01, ID = 374, Code = BC Publication Date
- Map_Effective_Date – Ref = DTM01, ID = 374, Code = 07 Effective Date

(1) Revise DS 947I Warehouse Inventory Adjustment Advice as follows: (X12 Version 4030 updates are shown in Table below. Corresponding changes will be made to Version 4010.)

Item #	Location	CHANGE TABLE for DS 947I Warehouse Inventory Adjustment	Reason
1.	DLMS Introductory Note	<u>Add ADC 386 to Introductory note</u> <i>- ADC 386, Revised Data Content for DLMS Inventory Adjustment and Supply Discrepancy Report (SDR) Supporting Mapping Enterprise Business System (MEBS) and NGA Product Code Update</i>	To identify DLMS changes included in the DS
2.	2/G6201/0800	<u>Add qualifier with DLMS note:</u> 07 Effective Date DLMS note: <i>Use to identify the map effective date. Authorized DLMS enhancement.</i>	To accommodate mapping product requirement.
3.	2/G6201/0800	<u>Add qualifier with DLMS note:</u> BC Publication Date DLMS Note: <i>Use to identify the map edition date. Authorized DLMS enhancement.</i>	To accommodate mapping product requirement.
4.	2/N901/0400	<u>Add qualifier with DLMS note:</u> 6E Map Reference DLMS Note: <i>Use to identify the National Geospatial-Intelligence Agency (NGA) Reference Number (NRN). Authorized DLMS enhancement.</i>	To accommodate mapping product requirement.
5.	2/N901/0400	<u>Add qualifier with DLMS note:</u> 6G Map Number DLMS Note: <i>Use to identify the map edition number. Authorized DLMS enhancement.</i>	To accommodate mapping product requirement.

(2) Revise DS 842A/W Nonconformance Report as follows:

Item #	Location	CHANGE TABLE for DS 842A/W SDR	Reason
1.	DLMS Introductory Note	<p><u>Add ADC 386 to Introductory note</u></p> <p>- ADC 386, Revised Data Content for DLMS Inventory Adjustment and SDR Supporting Mapping Enterprise Business System (MEBS) and NGA Product Code Update</p>	To identify DLMS changes included in the DS
2.	2/DTM01/0600	<p><u>Add qualifier with DLMS note:</u></p> <p>007 Effective DLMS note: Use for receipt of mapping products to identify the map effective date. Authorized DLMS enhancement.</p>	To accommodate mapping product requirement.
3.	2/DTM01/0600	<p><u>Add qualifier with DLMS note:</u></p> <p>043 Publication DLMS Note: Use for receipt of mapping products to identify the map edition date. Authorized DLMS enhancement.</p>	To accommodate mapping product requirement.
4.	2/REF01/0700	<p><u>Add qualifier with DLMS note:</u></p> <p>6E Map Reference DLMS Note: 1. Use for receipt of mapping products to identify the National Geospatial-Intelligence Agency (NGA) Reference Number (NRN). Authorized DLMS enhancement 2. For 6E: WebSDR field length = 15.</p>	To accommodate mapping product requirement.
5.	2/REF01/0700	<p><u>Add qualifier with DLMS note:</u></p> <p>6G Map Number DLMS Note: 1. Use for receipt of mapping products to identify the map edition number. Authorized DLMS enhancement. 2. For 6G: WebSDR field length = 3.</p>	To accommodate mapping product requirement.

c. Alternatives: None

6. REASON FOR CHANGE:

The requested requirements are critical for use in MEBS because they aid in identifying the correct products currently in inventory. Products are received in inventory in DSS using the required data fields and are to be passed from DSS to MEBS and vice versa. Any or all of the fields may appear on the product for unique identification. Failure to implement these change requests could severely impact the intelligence and military war planning effort. The most current Geospatial Information and Services (GI&S) products may not be issued due to the required data not being received in DLMS format.

7. ADVANTAGES AND DISADVANTAGES:

a. Advantages (tangible/intangible): The advantage to having these data fields added to the DLMS Transaction Sets DS 947I, and DS 842A/W provides a means for us to receive this information from DSS to MEBS. They are critical due to how MEBS is being designed to send and receive information in DLMS format from DSS.

b. Disadvantages: None identified.

8. NOTE ANY REGULATIONS OR GUIDANCE: (IF APPLICABLE): MIL STD 129-N and DLAM4145.12, Joint Service Manual for Storage and Materials Handling

9. ESTIMATED TIME LINE/IMPLEMENTATION TARGET: Mapping Customer Operations (MCO) has a DLA imposed deadline to launch MEBS by June 2010. MEBS will go live as is, temporarily, without the DSS changes. The DSS implementation date will be established by DLA's Configuration Management Working Group (CMWG). DoD WebSDR will accommodate the new data elements in the SDR database by December 2010.

10. IMPACT:

a. Automated Information Systems: Mapping Enterprise Business System (MEBS), Distribution Standard System (DSS), and DoD WebSDR

b. DAASC mapping to recognize new data for 947I

c. DoD WebSDR mapping to recognize new data for 842A/W.

d. DLMS Data Elements:

(1) This change does not add any new DLMS data elements to the DLMS dictionary. Existing data elements are associated with two additional DLMS transactions.

(2) **Administrative Correction for DLMS Data Element Name.** The above data elements were previously adopted/revised in the DLMS under ADC 348 (reference 3.a). The data element name associated with the map reference number is now obsolete. This data element is renamed from National Evacuation Order (NEO) NIMA Reference Number (NRN) to National Geospatial-Intelligence Agency (NGA) Reference Number (NRN). Upon approval, all DLMS notes referencing the obsolete terminology will be administratively corrected. This impacts the DLMS 940R, 527D, and 527R as shown in Enclosure 1.

(3) **NGA Product Code:** Update this data element adopted in the DLMS under ADC 141 (reference 3.b). DLMS Dictionary as shown in Enclosure 2. The following codes are removed from the NGA Product Code List:

D - Chart Updates (CHUMS)

E - National Evacuation Order (NEO)

K - NEO Update

Enclosure 1, DLMS Supplement Administrative Updates

Item #	Location	CHANGE TABLE for DS 527D ARI (Advance Receipt Information)/Prepositioned Materiel Receipt (PMR)	Reason
1.	DLMS Introductory Note	<p><u>Add ADC 386 to Introductory note</u></p> <p>- ADC 386, Revised Data Content for DLMS Inventory Adjustment and Supply Discrepancy Report (SDR) Supporting Mapping Enterprise Business System (MEBS) and Geospatial-Intelligence Agency (NGA) Product Code Value Update</p>	To identify DLMS changes included in the DS.
2.	2/N901/90	<p><u>Add qualifier with DLMS note:</u></p> <p>6E Map Reference</p> <p>DLMS Note: Use to identify the National Geospatial-Intelligence Agency (NGA) Reference Number (NRN). Use with due-in and ARI/PMR for mapping products. Authorized DLMS migration enhancement. See DLMS introductory note 4g.</p>	Administrative update for current terminology.

Item #	Location	CHANGE TABLE for DS 527R Receipt	Reason
1.	DLMS Introductory Note	<p><u>Add ADC 386 to Introductory note</u></p> <p>- ADC 386, Revised Data Content for DLMS Inventory Adjustment and Supply Discrepancy Report (SDR) Supporting Mapping Enterprise Business System (MEBS) and Geospatial-Intelligence Agency (NGA) Product Code Value Update</p>	To identify DLMS changes included in the DS.

Item #	Location	CHANGE TABLE for DS 527R Receipt	Reason
2.	2/N901/90	<p><u>Add qualifier with DLMS note:</u></p> <p>6E Map Reference</p> <p>DLMS Note: For receipt of mapping products, use to identify the National Geospatial-Intelligence Agency (NGA) Reference Number (NRN). Use with due-in and ARI/PMR for mapping products. Authorized DLMS migration enhancement. See DLMS introductory note 5g.</p>	Administrative update for current terminology.

Item #	Location	CHANGE TABLE for DS 940R Receipt	Reason
1.	DLMS Introductory Note	<p><u>Add ADC 386 to Introductory note</u></p> <p>- ADC 386, Revised Data Content for DLMS Inventory Adjustment and Supply Discrepancy Report (SDR) Supporting Mapping Enterprise Business System (MEBS) and Geospatial-Intelligence Agency (NGA) Product Code Value Update</p>	To identify DLMS changes included in the DS.
2.	2/N901/0400	<p><u>Add qualifier with DLMS note:</u></p> <p>6E Map Reference</p> <p>DLMS Note: 1. Use in MRO to identify the mapping products National Geospatial-Intelligence Agency (NGA) Reference Number (NRN). 2. Use in DRO to identify the NRN. 3. Use when transaction includes Component-unique exception data. 4. Authorized DLMS migration enhancement.</p>	Administrative update for current terminology.

Enclosure 2, NGA Product List, X12 Qualifier Code CH

The following is extracted from the DLMS Dictionary. Revisions are identified by strike-thru.

NAME: NATIONAL GEOSPACIAL-INTELLIGENCE AGENCY (NGA) PRODUCT CODE
ALIAS: NATIONAL GEOSPACIAL-INTELLIGENCE AGENCY (NGA) PRODUCT CODE
DEFINITION: COMMUNICATES SPECIAL PROCESSING REQUIREMENTS TO THE DLA DISTRIBUTION STANDARD SYSTEM FOR DLA DEPOT SHIPMENTS UNDER AGREEMENT WITH NGA.
REMARKS: ~~1. DEFINITION AND CODE EXPLANATION WILL BE IMPROVED PRIOR TO FORMAL IMPLEMENTATION. PROPOSED DLMS CHANGE (PDC 109A) APPLIES.~~ 2. FOR USE BY PRIOR AGREEMENT ONLY IN MATERIAL RELEASE ORDERS AND DISPOSAL RELEASE ORDERS TO IDENTIFY THE ~~NATIONAL IMAGERY AND MAPPING AGENCY (NIMA)~~ **NGA** PRODUCT CODE. 3. ~~NEW QUALIFIER CODE WILL BE ASSIGNED UPON DEVELOPMENT AND APPROVAL OF DLMS CHANGE (ADC).~~
SOURCE: DEFENSE LOGISTICS MANAGEMENT SYSTEM MANUAL, DOD 4000.25-M
AVAILABLE FROM: DEFENSE LOGISTICS MANAGEMENT STANDARDS OFFICE (DLMSO)

ABSTRACT:

DATA CODE CHARACTERISTIC: TYPE: ID MIN: 001 MAX: 001

CODE	NAME/DEFINITION	EXPLANATION
C	SUBSCRIPT	SUBSCRIPTIONS NOT DEFINED ELSEWHERE IN THIS LIST.
D	CHART UPDATES (CHUMS)	CHUMS ARE NO LONGER BEING PASSED ELECTRONICALLY. (TO BE DELETED)
E	NATIONAL EVACUATION ORDER (NEO)	NEO PACK OF A NUMBER OF MAPS TO ACCOMPLISH THE ORDER.
F	FLEET ALLOWANCE	SUBSCRIPTIONS FOR CIINC DEFINED REQUIREMENTS FOR SHIP DEPLOYMENT.
G	FLIGHT INFORMATION PUBLICATIONS (FLIPS)	MAPS PROVIDED TO FLIGHT CREWS AS PART OF MISSION BRIEFING PRIOR TO TAKEOFF.
J	DISPOSAL RELEASE ORDER SALVAGE (DROS) REQUESTS - FREE FLOW	DISPOSAL RELEASE ORDER SALVAGE
K	NEO UPDATE	NEO UPDATES CAN BE EITHER A SUBSCRIPTION OR A MATERIAL RELEASE ORDER (MRO).
P	DIGITAL POINT POSITIONING DATA (DPPD)	CD-ROM FORMATTED
R	SECTIONAL	CHANGE NOTICES FOR FLIP RELATED PRODUCTS - CAN BE SUBSCRIPTION OR MATERIAL RELEASE ORDER.