



**DEFENSE LOGISTICS AGENCY
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January 22, 2018

**MEMORANDUM FOR PIPELINE MEASUREMENT (PM) PROCESS REVIEW
COMMITTEE (PRC) MEMBERS**

**SUBJECT: Approved Addendum to Defense Logistics Management System (DLMS) Change
ADC 1025E (Staffed as PDC 1025E), Provide Navy Unit Mobile Data and Update
COCOMs, CONUS and OCONUS LMARS Data into the Logistics Metrics Analysis
Reporting System (LMARS)**

The attached approved change to DLM 4000.25, Defense Logistics Management Standards, Volume 6, Chapter 4, Pipeline Measurement, Logistics Metric Analysis Reporting System (LMARS) is approved for implementation no later than 17 September 2018.

Addressees may direct questions to Ms. Tonja Daniels-Carter, Chair, Pipeline Measurement PRC, 269-961-5227, DSN 661-5227 or email Tonja.Daniels-Carter@dla.mil. Others may direct questions to their Service or Agency designated Pipeline Measurement PRC representative available at <http://www.dla.mil/HQ/InformationOperations/DLMS/DLMSPrograms/committees/pmprc/>

HEIDI M. DAVEREDE
Director
Enterprise Business Process
Standards Office

Attachment
As stated

cc:
ODASD (SCI)

Attachment to ADC 1025E
Provide Navy Unit Mobile Data and Update
COCOMs, CONUS and OCONUS LMARS Data into
the Logistics Metrics Analysis Reporting System
(LMARS)

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:

a. **Technical POC:** Defense Logistics Agency (DLA) Headquarters J341, Stephen E. Meyer, (703) 767-3524

b. **Functional POC:** Enterprise Business Standards Office, **Tonja Daniels-Carter, PM** PRC Chair, (269) 961-5227, tonja.daniels-carter@dla.mil; Defense Automatic Addressing System (DAAS), Mary Maurer, (937) 426-8628

2. FUNCTIONAL AREA:

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

b. **Primary/Secondary Functional Process:** Logistics Metrics Analysis Reporting System (LMARS)

3. REFERENCES:

a. [DLM 4000.25](#), Defense Logistics Management Standards, Volume 6, Logistics Systems Interoperability Support Services; Chapter 4, Pipeline Measurement

b. [DLM 4000.25-4](#), Defense Automatic Addressing System (DAAS)

c. [ADC 1025](#), Update of Routing Identifier Codes, DOD Activity Address Codes, Repairable/Non-repairable National Item Identification Numbers, and Combatant Command designations in the Logistics Metrics Analysis Reporting System (LMARS), September 12, 2012.

4. REQUESTED CHANGE(S): **Green highlights** identify changes subsequent to staffing.

a. **Brief Overview of Change:** This change revised processes and logic that will modify LMARS Combatant Command (COCOM) delivery areas, update Alaska and Hawaii as OCONUS, associate Alaska to NORTHCOM- OCONUS, associate Hawaii to USPACOM- OCONUS, improve the calculation accuracy of the Logistics Response Time (LRT) for DoD Customers, update the Record Layout LRT logic and update Navy Mobile Units LRT metrics and Navy Mobile Units COCOMs and will remove all countries associated with COCOMs

b. Background: LMARS tracks materiel as it moves through the logistics pipeline and reports the associated response times. LMARS uses information from DLMS transactions processed by DAAS, Electronic Data Interchange (EDI) transaction feeds, off-line data feeds, and transportation data received from the Integrated Data Environment Global Transportation Network Convergence (IGC) to measure LRT for wholesale-managed items. While at sea, the movement of Navy Mobile Units makes the determination of units' locations more complicated since an afloat unit may be in a different COCOM area at any given time.

(1) Reporting starts when DAAS receives a shipment, transportation, or receipt transaction. The LMARS Delivery Areas conveyed in record position 22 and position 497 of the LRT Record Layout file:

www.dla.mil/HQ/InformationOperations/DLMS/DLMSPrograms/committees/pmprc/.

Currently LMARS identifies the countries, COCOMs, Navy and Non-Navy data from the LRT file opposed to the DoDAAD. This approved change will modify the Record File and how LMARS reports LRT based on the DoDAAD and Navy Afloat File.

c. Approved Change in Detail:

(1) LMARS will modify program logic to utilize the CONUS/OCONUS indicator in addition to the Combatant Command (COCOM) feed from DAAS for reporting LRT to all DoD Customers with the exception of Navy Mobile Units afloat identified in the NAVY AFLOAT File.

(2) For Navy Mobile Units afloat, the Navy will provide to DAAS an updated Navy Afloat File via Secure File Transfer Protocol (SFTP) at the end of the third week of each month. LMARS will access this file from DAAS for reporting LRT by identifying the COCOM delivery areas, specified by beginning and ending date for Navy Mobile Units. The Navy Afloat file contains Navy Mobile Units underway or homeported OCONUS and does not provide a CONUS/OCONUS indicator. Due to this, all units on the Navy Afloat File will be reported as OCONUS. In the event that LMARS does not receive the COCOM on the Navy Afloat File LMARS will report this location as "OCONUS4". Providing the Navy Afloat File will enable LMARS to calculate LRT for OCONUS1, OCONUS2, OCONUS3, and OCONUS4 locations during a specific time for the end-of-month LMARS reports.

(3) Any change of locations between the third week of each month and the end of the month reporting will reflect LRT based on information received from the Navy Mobile Units as of the third week of that month. In the event LMARS does not receive the Navy Afloat File for that month, LMARS will use the latest file.

(4) Reporting for Alaska, identified as USNORTHCOM, will be reported as OCONUS4, since Alaska is not part of the Continental United States. For Non-Navy Mobile Units, the COCOM for Alaska would be identified as USNORTHCOM, with an identification of "O" for OCONUS4. In the event LMARS receives the Navy Afloat File for Navy Mobile Units identified as USNORTHCOM, this will be reported as OCONUS4 for LRT. LMARS will not check the state, but check the CONUS/OCONUS indicator and COCOM. See item (1).

(5) Reporting for Hawaii, identified as USPACOM, will be reported as OCONUS3 since Hawaii is not part of the Continental United States. LMARS will not check the state, but check the CONUS/OCONUS indicator and COCOM. See item (1).

(6) LMARS will update the Record File that contains the LRT layout. This change will omit Navy from Non-Navy, and will remove the countries associated with the COCOMs. The LRT file identified as Field Description CONUS-OCONUS, character position 22, is a one digit element. This change will utilize Conus and OCONUS and COCOMs only. Alaska and Hawaii will be identified under the appropriate COCOM, as shown in Enclosure 1.

(7) LMARS will also update LRT file identified as Field Description AREA-CODE, character position 497, a one digit character as shown in Enclosure 1.

d. **Revisions to DLM 4000.25 Manuals:** Update DLM 4000.25, Volume 6, Chapter 4, Pipeline Measurement as shown in Enclosure 2.

e. **Approved Transaction Flow:** No changes to transaction flows are required.

f. **Alternatives:** None identified at this time.

5. REASON FOR CHANGE: This change will enable LMARS logic to determine the correct COCOM location for DoD customers and allow constant updates by utilizing the DoDAAD data with the exception of Navy Mobile Units. For Navy Mobile Units, LMARS will utilize the COCOM from the Navy Afloat File during the three-week reporting period for each month as it relates to OCONUS1, OCONUS2, OCONUS3, and OCONUS4 delivery areas. All Navy Mobile Units from the Navy Afloat File will be reported as OCONUS3, to include the COCOM of USNORTHCOM.

6. ADVANTAGES AND DISADVANTAGES:

a. **Advantages:** The use of the Navy Mobile file in LMARS will improve LRT calculation accuracy for Navy units afloat in OCONUS1, OCONUS2, OCONUS3, and OCONUS4 locations. The LMARS reports will more accurately reflect today's business practices to create a responsive logistics pipeline measurement for monthly LMARS reports for the Navy mobile units. The remaining DoD Customers data will be derived from the DoDAAD data as the authoritative source for reporting of COCOM and use of the CONUS/OCONUS indicator.

b. **Disadvantages:** The Navy generates its Navy Mobile file on a weekly schedule. Because the end of the week and the end of the month are not synchronized, LMARS Reporting for Navy Mobile Units will provide LRT for only three weeks of that month as opposed to four. This is necessary to preclude any delay in generating the LMARS monthly reporting. Any change of locations between the third week of each month and the end of the month reporting will reflect LRT based on information received from the Navy Mobile Units as of the third week of that month.

7. ESTIMATED TIME LINE/IMPLEMENTATION TARGET: Implementation must be completed by September 17, 2018

8. ESTIMATED SAVINGS/COST AVOIDANCE ASSOCIATED WITH IMPLEMENTATION OF THIS CHANGE: None Identified

9. IMPACT:

a. **New/changes to DLMS Data Elements:** No new DLMS data elements or changes to existing ones are required.

b. **Automated Information Systems (AIS):** Reporting for Navy Mobile Units will generate reports at the third week opposed to the current fourth week under this approved change.

c. **Defense Automatic Addressing System (DAAS):** LMARS will implement and maintain this change.

d. **Non-DLM 4000.25 Series Publications:** LMARS LRT Record File Layout Modifications to items 22 and 497

1.

10. PROPOSED DLMS CHANGE (PDC) 1025E STAFFING RESPONSE/COMMENT RESOLUTION

	Originator	Response/Comment	Disposition
1.	Army	N/A	Noted.
2.	Navy	N/A	Noted.
3.	Air Force	N/A	Noted.
4.	Marine Corps	N/A	Noted.
5.	DLA DLA Distribution	N/A	Noted.
6.	DSCA	N/A	Noted
7.	DAAS	Concur with Comment	Information requested to advise LMARS on action if the Navy unit is not on the file. Where do we get the CoCom Clarify action for LMARS if file is received after the third week of the month.
8.	USTRANSCOM	Concur with Comment	OCONUS4 - TDD Area should be USSOUTHCOM (add the US at beginning). Add NORTHCOM/OCONUS to one of the areas. (has very significant

	Originator	Response/Comment	Disposition
			<p>volume now that Alaska has moved to NORTHCOM)</p> <p>Changes / updates to countries listed for each CCMD: The mapping of countries to CCMDs and OCONUS1 to OCONUS 4 regions needs to be updated. Several edits noted below as well as many new countries that we are now measuring for performance. Some of the new countries listed actually have a significant level of volume, sometimes more than those already listed.</p> <p>AFRICOM - add Cameroon, Saint Helena, Tunisia, and Uganda.</p> <p>CENTCOM - no change.</p> <p>EUCOM - Remove following which are renamed: Azores, Balkans, Atlantic. Add the following: Austria, Bosnia & Herzegovina, Bulgaria, Cyprus, Estonia, Georgia, Iceland, Kosovo (replaced Balkans), Latvia, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal (replaced Azores), Spain, and Ukraine.</p> <p>NORTHCOM/OCONUS - needs to be mapped to an OCONUS group. Includes Alaska (remove it from PACOM), Canada, Puerto Rico and U.S. Virgin Islands.</p> <p>PACOM - Change name of Diego Garcia to new official name of British Indian Ocean Territory, correct spelling of Australia (currently says Austria, which is in EUCOM), remove Alaska. Add the</p>

	Originator	Response/Comment	Disposition
			<p>following: American Samoa, Malaysia, and Northern Mariana Islands.</p> <p>SOUTHCOM - add Panama</p> <p>Countries will not be identified, the CoCom's will be utilized off the DoDAAD</p>

Enclosure 1

Updates to LMARS Record Layout LRT File, identified by Record Position 22 and

Record Position 497

LRT FILE

CONUS-OCONUS	22	22	1	<p><i>OCONUS1 = USEUCOM/USAFRICOM</i> <i>OCONUS2 = USCENTCOM</i> <i>OCONUS3 = USPACOM (Hawaii Included)</i> <i>OCONUS4 = USSOUTHCOM/USNORTHCOM</i> <i>(Alaska included)</i> <i>CONUS = USNORTHCOM</i></p> <p><i>In the event that LMARS does not receive the COCOM on the NAVY AFLOAT FILE LMARS will report this location as "OCONUS4".</i></p> <p><i>In the event LMARS does not receive the COCOM for Non-Navy Units Afloat from the DoDAAD, LMARS will default to CONUS</i></p>
AREA-CODE	497	497	1	<p><i>OCONUS1 = USEUCOM/USAFRICOM</i> <i>OCONUS2 = USCENTCOM</i> <i>OCONUS3 = USPACOM (Hawaii Included)</i> <i>OCONUS4 = USSOUTHCOM/USNORTHCOM</i> <i>(Alaska)</i> <i>CONUS = USNORTCOM</i></p> <p><i>In the event that LMARS does not receive the COCOM on the NAVY AFLOAT FILE LMARS will report this location as "OCONUS4"</i></p> <p><i>In the event LMARS does not receive the COCOM for Non-Navy Units Afloat from the DoDAAD, LMARS will default to CONUS</i></p>

Enclosure 2

Update DLM 4000.25, Volume 6, Chapter 4, Pipeline Measurement

C4.6.5.4.1. Delivery Area row headings. The five delivery areas *utilized for LMARS are the COCOMs.* The headings are CONUS, OCONUS1, OCONUS2, OCONUS3, and OCONUS4. *The authoritative source for COCOM locations is USTRANSCOM. USTRANSCOM will update the DoDAAD, and the DoDAAD feeds data into LMARS. LMARS will utilize the DoDAAD updates with the exception of Navy Mobile Units. In order for LMARS to calculate LRT accurately for Navy Mobile Unit afloat, the Navy will provide to DAAS an updated NAVY AFLOAT FILE File via Secure File Transfer Protocol (SFTP) at the end of the third week of each month. LMARS will access this file from DAAS for reporting LRT.* ~~within which a document number is reported is based on an internal DLA Transaction Services DAAS table. DLA Transaction Services DAAS researches all new DoDAACs as they are established and determines the appropriate delivery area. The LMARS Delivery Areas are consistent with the United States Transportation Command Time Definite Delivery (TDD) areas, https://scitools.lmi.org/TDD_Standard/TDD_Standard_Script.pdf. TDD Areas identified in DoD 4140.1-R, Appendix 8, Paragraph AP8.2., found at <http://www.dtic.mil/whs/directives/corres/pdf/414001r.pdf>. The LMARS Delivery areas map to the TDD Areas as follows:~~

LMARS Area TDD Areas

CONUS	Area A USNORTHCOM
OCONUS1	Area A USEUCOM/ USAFRICOM
OCONUS2	Area B USCENTCOM
OCONUS3	Area C USPACOM
OCONUS4	Area D USSOUTHCOM/USNORTHCOM