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May 13, 2014

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Approved Defense Logistics Management Standards (DLMS) Change (ADC) 1107, Correction to DOD Codes in the Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide for Fahrenheit, Kelvin, Ounces, Persons, and Persons Capacity (Supply/Contract Administration)

The attached change to DLM 4000.25, Defense Logistics Management System, is approved for implementation. **This change is authorized for joint implementation 30 days after the above published date.**

Addressees may direct questions to Ms. Ellen Hilert, DOD MILSTRIP Administrator, 703-767-0676; DSN 427-0676 or email Ellen.Hilert@dla.mil or Ms. Heidi Daverede, DOD MILSTRIP Alternate, 703-767-5111; DSN 427-5111 or email Heidi.Daverede@dla.mil. Others may direct questions to their Service or Agency designated Supply PRC representative.

A handwritten signature in blue ink, reading "Donald C. Pipp", is positioned above the printed name.

DONALD C. PIPP
Director
Defense Logistics Management
Standards Office

Attachment
As stated

cc:
ODASD (SCI)
ODASD DPAP (PDI)
WAWF PMO
EDA PMO
DCMO

ADC 1107

Correction to DOD Codes in the Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide for Fahrenheit, Kelvin, Ounces, Persons, and Persons Capacity

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION: Defense Logistics Management Standards Office (DLMSO), DOD MILSTRIP Alternate, 703-767-5111; DSN 427-5111

2. FUNCTIONAL AREAS: Supply and Contract Administration

3. REFERENCES:

a. [DLM 4000.25](#), Defense Logistics Management System (DLMS), Volume 1, Appendix 4

b. [Procurement Data Standard](#), Version 2.5

c. [ADC 1069](#), Administrative Correction to DOD Codes in the Unit of Material Measure (Unit of Issue/Purchase Unit) Conversion Guide for Hundred Pounds (Hundred Weight - Short), Hundred Pounds and Minim (Supply/Contract Administration), dated August 1, 2013

2. APPROVED CHANGE(S):

a. **Brief Overview of Change:** Correct the DLMS Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide name descriptions for Fahrenheit, Kelvin, Ounces, Persons, and Persons Capacity to align with the X12 standard names.

b. **Background:**

(1) DLMS Manual, Volume 1, Appendix 4 (Reference 3.a.) specifies DOD data values established in DOD systems must be converted to the corresponding American National Standards Institute Accredited Standards Committee (ANSI ASC) X12 code values for transmission under the DLMS. The Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide is one of three conversion guides used to support DLMS transaction processing. The purpose of the conversion is to allow DOD systems to continue using DOD codes internally, and convert these to X12 codes only during transmission in order to pass translation compliance edits. When DOD codes are identified as missing or new, the equivalent X12 code must be identified and added to the conversion table. The equivalent X12 code may be equal to or similar to the DOD code value.

(2) The Procurement Data Standard (PDS) (Reference 3.b.) is a system-agnostic enterprise data standard that maintains a Unit of Measure (based on the X12 standard) for procurement actions. In 2013, The Office of the Deputy Chief Management Officer (ODCMO), coordinated to align some variances that had developed between the DLMS and PDS standards, resulting in ADC 1069 (Reference 3.c.) to address where DLMS needed adjustments. Recently, PDS informed the DLMSO of some units of measure requested for PDS version 2.5. DLMSO

determined that four of the requested codes exist in DLMS, but need to align the code name description to align with the names in the PDS and the X12 standard. A fifth code needs to be changed to the valid X12 code and definition

c. Approved Changes in Detail: DLMSO will update the Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide to correct the DOD code name descriptions to align with the Reference 3.b. There is no change to the DOD and X12 code values. See Table 1 for a summary of these changes annotated with double strikethroughs for deletions and *red, bold italics* for insertions.

(1) Correct the DLMS DOD UoM name description from Degrees, Fahrenheit to Fahrenheit. This change aligns it with the equivalent X12 and PDS name.

(2) Correct the DLMS DOD UoM name description from Degrees, Kelvin to Kelvin. This change aligns it with the equivalent X12 and PDS name.

(3) Correct the DLMS DOD UoM name description from Ounce to Ounce-Av. This change aligns it with the equivalent X12 and PDS name.

(4) Correct the DLMS DOD UoM name description from Persons, Capacity to Person. This change aligns it with the equivalent X12 and PDS name for use on line items for deliverable quantities.

(5) Add Persons, Capacity with the correct equivalent X12 code I1 (alpha I, numeric one) from Version 5030 of the X12 standard. PDS will add Persons, Capacity as a descriptive unit only; it will not be used as a deliverable quantity.

d. Revisions to DLM 4000.25 Manuals: Update DLM 4000.25 Volume 1, Appendix 4, Paragraph AP4.1, *8, **8, and *8* and the DLMS Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide to update the DOD name descriptions and update the DLMS data element definition for Unit of issue and purchase unit conversion guide (unit or basis for measurement) (DOD code sequence) to document business rules associated with PDS use of descriptive units of measure and ensure they do not conflict with the unit of issue/unit of measure tables in DOD 4100.39-M and the DLMS conversion guide. See Table 1.

**Table 1. Required Updates to the Unit of Materiel Measure
(Unit of Issue/Purchase Unit) Conversion Guide**

DOD Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide		Procurement Data Standard DOD UoM	ASC X12 UoM (Data Element 355)	
Code	Name Description	Name Description	Code	Name Description
DF	Degrees, Fahrenheit	Fahrenheit	FA	Fahrenheit
DK	Degrees, Kelvin	Kelvin	KV	Kelvin
OZ	Ounce - <i>Av</i>	Ounce - Av	OZ	Ounce - Av
<i>II</i>	<i>Persons, Capacity</i>	Persons, Capacity	<i>II</i>	<i>Persons, Capacity</i>
PN	Persons, Capacity	Person	IE	Person

e. **Alternatives:** None identified.

f. Proposed DLMS Change (PDC) 1107 Staffing Response/Comment Resolution:

Originator	Response/Comment	Disposition
DLA	Concur with comment. A system modification in EBS will be required	Noted.
Air Force	Concur with comment. Air Force will update the unit of measure conversion logic within our DLMS component once this PDC is approved and the ADC is issued. We will update system logic in ILS-S to match the most current conversion logic from the DLMSO Unit of Measures conversion guide.	Noted.
Army	No Response.	Noted.

Originator	Response/Comment	Disposition
Navy	Concur with comment. One of our reviewers did note that since this is a new code, the table on page 3 should indicate this by displaying it in a red font.	The entry for Persons, Capacity has been annotated in red, bold, italics to indicate the new code.
Marine Corps	Concur without comment.	Noted.
OSD DPAP	Concur without comment.	Noted.

3. REASON FOR CHANGE: Correct the inadvertent errors in code descriptions for DOD code DF, DK, OZ and PN to align with X12 and Reference 3.b. names. Change the code assignments for Persons, Capacity to align with X12 standard code I1, which was established in Version 5030 of the standard.

4. ADVANTAGES AND DISADVANTAGES:

a. **Advantages:** Aligns the DOD Unit of Materiel Measure codes with X12 codes according to the rules to ensure interoperability across multiple functional domains (e.g., procurement, finance, and logistics).

b. **Disadvantages:** None.

5. ESTIMATED TIME LINE/IMPLEMENTATION TARGET: This change is authorized for joint implementation 30 days after this ADC is released as an Approved DLMS Change.

6. IMPACT:

a. **New DLMS Data Elements:** None.

b. **Changes to DLMS Data Elements:**

(1) The Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide must be updated to the DOD code name definitions as shown in Table 1.

(2) Update the DLMS Logistics Qualifiers Dictionary definition for Qualifiers *8, *8*, and **8 as follows to allow for the inclusion of descriptive units of measures, as used by PDS.

NAME: UNIT OF ISSUE AND PURCHASE UNIT CONVERSION GUIDE (UNIT OR BASIS FOR MEASUREMENT)

DEFINITION:

(1) THE DLMS CONTINUES TO SUPPORT THE LEGACY CODE STRUCTURE "UNIT OF ISSUE" USED IN THE DEFENSE LOGISTICS STANDARD SYSTEMS (DLSS). SPECIAL PROCESSING IS REQUIRED AT THE POINT OF INPUT TO CONVERT THE ANSI ASC X12 "UNIT OR BASIS FOR MEASUREMENT CODE" VALUE TO THE DLSS LEGACY CODE VALUE AND AT THE POINT OF OUTPUT TO CONVERT THE DLSS LEGACY CODE VALUE TO THE ANSI ASC X12 CODE VALUE. BOTH THE SENDER AND RECIPIENT MUST USE THE CONVERSION GUIDE. THE ANSI ASC X12 CODE VALUES LISTED BELOW ARE ASSIGNED UNDER DATA ELEMENT 355, "UNIT OR BASIS FOR MEASUREMENT CODE".

(2) FOR PROCUREMENT DOMAIN USERS, SOME UNITS OF MEASURE HAVE BEEN DECLARED AS DESCRIPTIVE UNITS OF MEASURE; THEY ARE NOT TO BE USED IN ASSOCIATION WITH DELIVERABLE QUANTITIES IN A PROCUREMENT ACTION. USE OF DESCRIPTIVE UNITS OF MEASURE MUST NOT CONFLICT WITH THE UNIT OF ISSUE/UNIT OF MEASURE TABLES IN DOD 4100.39-M AND THE DLMS CONVERSION GUIDE VALUES LISTED BELOW. SEE THE PROCUREMENT DATA STANDARD (PDS) FOR DETAILS ON AUTHORIZED PURCHASE UNITS FOR DELIVERABLE QUANTITIES VERSUS DESCRIPTIVE UNITS OF MEASURE.

c. Automated Information Systems (AIS):

(1) Component Systems – Component applications will need to implement the change to the conversion guide identified in this DLMS Change to ensure consistency of name descriptions.

(2) Wide Area Workflow (WAWF) – Update UoM tables to reflect the name descriptions identified in this DLMS Change to ensure consistency with PDS.

(3) Electronic Document Access (EDA) - Update UoM tables to reflect the name descriptions identified in this DLMS Change to ensure consistency with PDS.

d. DLA Transaction Services: Implement the conversion guide for the new UoM identified in this DLMS change.

e. Procurement Data Standard (PDS) – This DLMS change should align the DOD names with the standard X12 names, targeted for Version 2.5.

f. Non-DLA Logistics Management Standards Publications: None