



DEFENSE LOGISTICS AGENCY  
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IN REPLY  
REFER TO DLMSO

September 23, 2008

MEMORANDUM FOR DLMS PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Proposed Defense Logistics Management System (DLMS) Change (PDC) 328,  
Administrative Update to ANSI ASC X12 Unit of Material Measure (Unit of  
Issue/Purchase Unit) Conversion Guide (Supply)

The attached proposal to DOD 4000.25-M, DLMS, is being submitted for your review and recommendation. **Please respond with your recommendation within 30 days** from the above date. Based on your recommendation, DLMSO will prepare an Approved DLMS Change (ADC) reflecting most appropriate course of action. **Note that this change is applicable to an automated table process used for DLMS transaction processing and wide dissemination to functional personnel would not be appropriate.**

Addressees may direct questions to the DLMSO points of contact, Ms. Ellen Hilert, Chair, Supply Process Review Committee, 703-767-0676; DSN 427-0676; or, e-mail: [ellen.hilert@dla.mil](mailto:ellen.hilert@dla.mil) or Ms. Marva White Logistics Data Manager, [REDACTED] or e-mail [marva.white@dla.mil](mailto:marva.white@dla.mil). Others must contact their Component designated representative.

DONALD C. PIPP  
Director  
Defense Logistics Management  
Standards Office

Attachment

cc:  
ODUSD(L&MR/SCI)

**PDC 328**  
**Administrative Update to ANSI ASC X12 Unit of Material Measure**  
**(Unit of Issue/Purchase Unit) Conversion Guide**

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

**a. Technical POC:** Defense Logistics Management Standards Office (DLMSO), Ms. Marva White Logistics Data Manager, [REDACTED] or e-mail [marva.white@dla.mil](mailto:marva.white@dla.mil)

**b. Functional POC:** Defense Logistics Management Standards Office (DLMSO), Ms. Ellen Hilert, Chair, Supply Process Review Committee, 703-767-0676; DSN 427-0676; or, e-mail: [ellen.hilert@dla.mil](mailto:ellen.hilert@dla.mil).

**2. FUNCTIONAL AREA:**

**a. Primary/Secondary Functional Area:** Supply, Contract Administration, Finance, and Transportation

**b. Primary/Secondary Functional Process:** DLMS Transactions, DLMS/ANSI Unit of Issue and Purchase Unit Conversion Guide

**3. BACKGROUND:**

**a. Intent of the proposal:** The objective is to correct an invalid cross-reference caused by an incorrect ANSI X12 code reference in the DLMS/ANSI Unit of Issue and Purchase Unit Conversion Guide.

**b. Scenario:** All users of DLMS supplements with embedded Unit of Issue/Unit of Measure Code must use the conversion guide to convert the DoD code values to X12 (EDI and XML) in submitting transactions through the GEX and conversely convert back from X12 (EDI and XML) to DoD code values upon receipt.

**4. PROPOSED CHANGE(S):**

**a. Requested change in detail:** A recent review of the DLMS ANSI ASC X12 Unit of Issue and Purchase Unit Conversion Guide values revealed an error. The current guide incorrectly identifies X12 Code FV as the correct value for the unit of measure defined as “Five.” FIVE is a valid unit of measure in the Federal Logistics Information System (FLIS). DLMSO has no knowledge where this unit of measure is used within DOD (or what the exact context is for its use). However, because the table is inaccurate we would like to pursue correction. DLMSO requests that the Components provide recommendation based upon the following factors. The following background information and corrective action alternatives are provided:

(1) There is a valid X12 code for the unit of measure “Five” but, because it is a recent addition to X12, it is not available for use in the version of X12 used for DLMS transactions. The value assigned for the measure “Five” in version release 005030 is Q9.

(2) The value X12 Code FV used for the cross-reference is a valid X12 code, but it actually means “Grams per 100 Cubic Inches.” Additionally, since FV was approved after version

release 004010, it is not available for use in the majority of DLMS transactions. It is available for DLMS transactions in version release 004030.

**(a) Correction Option 1:** Use a “borrowed code” to identify unit of measure “Five.” “Borrowing” refers to establishing an agreement with all trading partners to use a valid X12 code at the correct version to mean something other than the X12 defined meaning. The borrowed value must be a value that is otherwise un-used by the trading partners allowing its definition to be mutually changed. In this instance, the proposal is to borrow X12 Code R1 defined as “Pica.” If used, R1 would be understood by trading partners to mean Five. R1 would represent unit of measure Five in all DLMS transactions below version release 005030. Any transaction created in version 005030 will be able to use the actual approved value Q9.

**(b) Correction Option 2:** Use a “migration code” to identify unit of measure Five. Use of a “migration code” refers to establishing an agreement with all trading partners to use a valid X12 code from a higher version with the approved X12 definition, at a lower version of X12. Manual intervention will be needed for some commercial applications to accept the higher version code. The migration code Q9 would be the approved for use by trading partners to mean Five in DLMS transaction using versions below 005030.

**b. Proposed procedures:** Options for code assignment and use are described above. Please select Option 1 or Option 2 as your preferred approach taking into account any potential conflicts with X12 code values already established in your systems. Once decided, all master conversion guides on the DLMSO Website will be changed to record the approved cross-referenced code values.

**5. REASON FOR CHANGE:** To coordinate alternatives for corrective action with the Components.

**6. ADVANTAGES AND DISADVANTAGES:**

**a. Advantages (tangible/intangible):** Decision based upon consensus and better understanding of Component requirements.

**b. Disadvantages:** Confusion

**7. NOTE ANY REGULATIONS OR GUIDANCE: (IF APPLICABLE):** DLMS Conversion Guide for DOD/ANSI Unit of Issue/Purchase Unit

**8. IMPACT:** There is no impact to DOD operations. Will require a comparable change to internal Component tables used for DLMS transaction processing. If a migration code is used, it will require update to insert as a local code option in commercial software used for processing X12 transactions.