July 24, 2014

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT:     Administrative Addendum to Approved Defense Logistics Management
Standards (DLMS) Standards (ADC) 1119A: Unit of Measure (UoM)
Identification and Conversion for Actual Tonnes – New UoM for DLA Energy

The attached administrative change to DLM 4000.25, Defense Logistics Management
System, is approved for implementation. This administrative change provides clarification to the
Defense Logistics Agency's implementation of ADC 1119 in the Enterprise Business System
(EBS).

Addressees may direct questions to the DLMSO points of contact: Ms. Ellen Hilert, DOD
MILSTRIP Administrator, 703-767-0676, DSN 427-0676, or e-mail: Ellen.Hilert@dla.mil, or
Ms. Heidi Daverede, DOD MILSTRIP Alternate, 703-767-5111; DSN 427-5111 or e-mail:
Heidi.Daverede@dla.mil. Others must contact their Component designated representative.

DONALD C. PIPP
Director
Defense Logistics Management
Standards Office

Attachment
As stated

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

# ADC 1119A

# Administrative Addendum to ADC 1119: Unit of Measure (UoM) Identification and Conversion for Actual Tonnes – New UoM for DLA Energy

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

    **a. Technical POC:** Defense Logistics Management Standards Office, (703) 767-5111; DSN 427-5111.

    **b. Functional POC:** DLA Energy

## 2. FUNCTIONAL AREA: Supply, Finance, Contract Administration, Procurement

## 3. REFERENCES:

    **a.** DLM 4000.25, Defense Logistics Management System, Volume 1, Appendix 4

    **b.** ADC 1060, Defense Logistics Manual 4000.25, Volume 1, Concepts and Procedures, dated August 29, 2013

    **c.** Office of the Deputy Chief Management Officer (ODCMO), Draft Department of Defense Enterprise Standard: Unit of Measure, dated January 31, 2013.

    **d.** Procurement Data Standard

## 4. APPROVED CHANGE(S):

    **a. Brief Overview of Change**: This ADC updates the DLMS Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide to add Actual Tonnes and the corresponding X12 Code 51 and DOD Code 51. This unit of measure is used in the Energy Supply Chain in the DLA Electronic Business System (EBS). ==This addendum replaces ADC 1119 in its entirety; changes from the previous ADC are made with yellow highlight.==

    **b. Background**:

        **(1)** 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)  Actual Tonnes is currently identified as an authorized measure in the draft DOD Enterprise Standard: Unit of Measure (Reference 3.c.). The X12 code assigned is 51, with 51 as the DOD equivalent code.  It further states that metric ton is a synonym for Actual Tonnes.

(3)  The Procurement Data Standard already supports use of Actual Tonnes.

(4)  DLA's Enterprise Business System uses internal UoM 7M to represent Actual Tonnes.  However, since ASC X12 already has a defined code (51) for Actual Tonnes, DLMS is not authorized to establish a new UoM to align with DLA's internal usage.  When DLA needs to execute a business transaction citing Actual Tonnes, it must convert the internal DLA code 7M to the official X12 code 51 (DOD equivalent code is 51) to be compliant with X12 and DLMS standards.

**c.  Describe Approved Change in Detail**:  The Defense Logistics Management Standards Office will update the DLMS Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide to add Actual Tonnes and the corresponding X12 Code 51 and the DOD Code 51 (this DOD code is equivalent to internal DLA UoM 7M).

**d.  Revisions to DLM 4000.25 Manuals**: Update DLM 4000.25 Volume 1, Appendix 4, Paragraph AP4.1, codes *8, **8, and *8* DLMS Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide to add Actual Tonnes.

| UoM Name Description | ASC X12 UoM (Data Element 355) | DOD UoM Code | Remarks |
|---|---|---|---|
| *Actual Tonnes* | *51* | *51* | |

**e.  Alternatives**: Add a new X12 UoM Metric Tons at 60 Degrees.  Preliminary coordination with the X12 Standards Committee indicates that a new UoM defined as such would likely not be approved, since Metric Tons are not temperature sensitive.

**f.  Proposed DLMS Change (PDC) 1119 Staffing Response/Comment Resolution:**

| Originator | Response/Comment | Disposition |
|---|---|---|
| DPAP | Concur without comment. | Noted. |
| USTRANSCOM | Concur without comment. | Noted. |
| Navy | Concur. | Noted. |

| Originator | Response/Comment | Disposition |
|---|---|---|
| Army | Concur without comment. | Noted. |
| Marine Corps | Concur without comment. | Noted. |
| DLA | Concur without comment. | Noted. |
| Air Force | Concur without comment. | Noted. |

**5.  REASON FOR CHANGE:** This change is required to enable processing for petroleum products using Metric Tons in lieu of gallons.

**6.  ADVANTAGES AND DISADVANTAGES:**

     **a.  Advantages:** Actual Tonnes is a synonym for Metric Tons.  X12 already has a unique code assigned to Actual Tonnes.  This enables DLA Energy to have a unique UoM code cited for the equivalent of Metric Tons.

     **b.  Disadvantages:** None.

**7.  ESTIMATED TIME LINE/IMPLEMENTATION TARGET:**  Implementation date is set for July 03, 2014.

**8.  ESTIMATED SAVINGS/COST AVOIDANCE ASSOCIATED WITH IMPLEMENTATION OF THIS CHANGE:** Not available.

**9.  IMPACT:**

     **a.  New DLMS Data Elements**: No new DLMS data elements are identified in this change.

     **b.  Changes to DLMS Data Elements**: The conversion guide must be updated to add Actual Tonnes as defined in this DLMS change.

     **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.

        **(2)  Wide Area Workflow (WAWF)** – Update UoM tables to reflect the code conversions identified in this DLMS Change.

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

     **e.  Non-DLA Logistics Management Standards Publications**: None.