



DEFENSE LOGISTICS AGENCY
HEADQUARTERS
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IN REPLY
REFER TO

J627

July 06, 2011

**MEMORANDUM FOR SUPPLY AND FINANCE PROCESS REVIEW COMMITTEE (PRC)
MEMBERS**

SUBJECT: Approved Defense Logistics Management System (DLMS) Change (ADC) 439,
Revise Advance Shipment Notice (ASN) (DLMS Supplement (DS) 856) for
Additional Content for Defense Medical Logistics Standard Support
(DMLSS)/Wide Area Workflow (WAWF) Interface (Supply/Contract
Administration/Finance) (Staffed as PDC 344)

The attached change to DoD 4000.25-M, Defense Logistics Management System (DLMS) is approved for implementation. This change falls within WAWF Release 5.1 scheduled for July 11, 2011 implementation. The updated DLMS Supplement will be posted to the DLA Logistics Management Standards Web site <http://www.dla.mil/j-6/dlmsso/elibrary/TransFormats/formats.asp> within 3 days.

Addressees may direct questions to: Ms. Ellen Hilert, 703-767-0676, DSN 427-0676, or e-mail: ellen.hilert@dla.mil, or Ms. Heidi Daverede, 703-767-5111; DSN 427-5111, or e-mail: heidi.daverede@dla.mil. Others must contact their Component designated representative

A handwritten signature in blue ink, appearing to read "Donald C. Pipp".

DONALD C. PIPP

Director

DLA Logistics Management Standards

Attachment
ADC 439

cc:
ODASD(SCI)

ADC 439
Revise ASN (DS 856) for Additional Content for DMLSS/WAWF Interface

1. ORIGINATOR:

- a. **Service/Agency:** Defense Medical Logistics Standard Support (DMLSS)
- b. **Originator(s):** Joint Medical Logistics Functional Development Center, (301) 619-1090

2. FUNCTIONAL AREAS:

- a. **Primary:** Supply/Contract Administration (Wide Area Workflow (WAWF))
- b. **Secondary:** Finance

3. BACKGROUND: Note: *Changes subsequent to proposal staffing are identified by yellow highlighting.*

a. The Wide Area Workflow (WAWF) is a DoD mandated system that allows the vendor to electronically submit invoices and receiving reports, and the Government to inspect, receive, accept information and pay electronically.

b. Defense Federal Acquisition Regulation Supplement (DFARS) Clause 252.232-7000 requires Components to either use WAWF for receipt and acceptance or provide a WAWF integration plan.

c. The DMLSS is transitioning its receipt and acceptance functions to WAWF. Once the DMLSS/WAWF functional interface is fully deployed, DMLSS could generate as many as 5 million and receipt acceptance transactions annually.

d. A business process review indicates the Advance Shipment Notice, EDI 4010 856 requires additional data elements to support the DMLSS/WAWF functional interface.

4. REFERENCES:

- a. Federal Acquisition Regulation (FAR) Subpart 32.905, Payment Documentation and Process
- b. Prompt Payment Act Record Keeping Requirements, (Public Law 100-496)
- c. DoD Financial Management Regulation, DoD 7000.14-R

d. Defense Federal Acquisition Regulation Supplement, DFARS, 252.232-7003, Electronic Document Submission

5. REQUESTED CHANGE:

a. **Description of Change:** This change to the WAWF ASN authorizes additional data content in support of DMLSS requirements for vendor shipment notice. The change adds new codes for materiel identification; allows notification that the contents require special handling due to perishable, refrigerated, or hazardous items; and includes additional characteristics relevant to these items including batch/lot information.

b. Data and Process Changes:

(1) Open for use the TD4 Segment, Carrier Details (Special Handling, or Hazardous Materials). Mark the data element Special Handling Code as used for optional identification of refrigerated, perishable, or hazardous material. The availability of special handling or hazardous codes will ensure item unique information is provided to business trading partners (recipient) documenting that the material shipment requires special handling.

(2) Add capability in the existing LIN Segment, Item Identification, to authorize descriptive codes applicable for identification of the medical products shipped by the vendor. These established codes support commercial product packaging and manufacturer identification.

(3) Add capability in the existing REF Segment, Reference Numbers, to identify the batch/lot number, and manufacturer identification. Addition of these codes will provide valuable information for management of products. This information provided via the ASN will enable tracking of inventories managed systemically by the receiving activities.

Item #	Location	Revision to WAWF 856 ASN	Reason
1.	DLMS Introductory Note	<u>Add ADC 439 to DLMS Introductory note 7:</u> <i>- ADC 439, Revise DS 4010 Advance Shipment Notice, ASN, (DS 856), Add New Segment and Qualifiers for DMLSS/WAWF Interface</i>	Identifies DLMS Changes for inclusion in the DLMS Supplement.
2.	2/HL/010	<u>Add segment level note prior to "RFID (HL03 code P):</u> <i>"Product Characteristics (HL03 = PH)"</i>	Adds new HL Loop to cover "Product Characteristics" outlining hierarchical structure for items newly procured via WAWF and perpetuates this information to the DLMS Supplement. Also added to Federal Implementation Note 4 prior to "... (HL03 = P),"
3.	2/HL03/010	<u>Revise the DLMS note associated with the Item Loop:</u> I – Item DLMS Note: <i>The following detail segments are applicable to the line Item loop: 2/LIN/020, 2/SNI/030,</i>	Updates the description of the segments included in the item loop to include the TD4 segment.

Item #	Location	Revision to WAWF 856 ASN	Reason
		<p>2/PID/070, 2/TD4/140, 2/REF/150, 2/CLD/170, 2/REF/180, 2/LM/340, and 2/LQ/350.</p> <p><u>Add the following code and Note:</u></p> <p>PH – Product Characteristics DLMS Note: <i>Use to identify product characteristics (Batch/Lot, Manufacturer, and Shelf Life Expiration Date) applicable to the item(s) being shipped/delivered. Only segments 2/SN1/030, 2/REF/150, 2/DTM/200, and 2/N1/220 are used. Multiple PH Loops may subordinate to a single Item Loop. No subordinate loops are allowed to this loop.</i></p>	<p>Adds an HL Loop Identifier to allow capture of product and related quantity under a line item.</p>
4.	<p>2/LIN02/020</p> <p>(Used in HL03=I, Line Item Loop)</p>	<p><u>Add the following codes:</u></p> <p>IB – International Standard Book Number (ISBN) DLMS Note: <i>Applicable to DMLSS interface with WAWF. Use to identify title or unique edition of product by ISBN. The ISBN is a variable length alpha numeric code with maximum of 13 positions.</i></p> <p>N4 – National Drug Code in 5-4-2 DLMS Note: <i>Applicable to DMLSS interface with WAWF.</i></p> <p>UK – U.P.C./EAN Shipping Container Code (1-2-5-5-1) Universal Product Code/European Article Numbering DLMS Note: <i>Applicable to DMLSS interface with WAWF. Use to identify the UPC associated with the shipping container when the container is purchased on this line item.</i></p> <p>UX – Universal Product Number DLMS Note: <i>Applicable to DMLSS interface with WAWF. Use to identify medical/surgical products.</i></p> <p>VC – Vendor’s (Seller’s) Catalog Number DLMS Note: <i>Applicable to DMLSS interface with WAWF. Use to identify vendor item catalog number.</i></p>	<p>These codes are identified in the ANSI X12 as product/service codes and used by medical suppliers as a part of commercial business practices.</p> <p>Information conveyed via these codes may identify the product, manufacturer, physical size, strength, dosage and unit of sale.</p> <p>These codes provide critical data to capture and link commercial product packaging and manufacturer identification.</p>
5.	2/TD4/140	<p><u>Open and mark TD4, Carrier Details segment and mark as “Used”. Add new segment level note:</u></p> <p>Federal Note: <i>For WAWF, Use to specify transportation special handling requirements, or hazardous materials information or both.</i></p>	<p>Authorizes for optional use when applicable to shipment contents.</p>

6.	<p>2TD401/140</p> <p>(Used in HL03=I, Line Item Loop)</p>	<p><u>Mark Data Element TD401, Special Handling Code, "Used" and add the following notes and codes:</u></p> <p>Federal Note: <i>For WAWF, the following codes are authorized for use in the line item loop, HL03=I. Applicable to the DMLSS interface with WAWF to identify items requiring special handling due to perishable, refrigerated, or hazardous items.</i></p> <p>HM – Endorsed as Hazardous Material</p> <p>MRF – Refrigerated</p> <p>OPR – Perishable</p>	<p>These are established ANSI X12 codes utilized to support special handling requirements.</p> <p>Suppliers may use these codes to convey special handling of item information to the receiving activity.</p> <p>Mishandling of medical items could result in personal harm, loss of use, misuse or item integrity, e.g., vaccine.</p>
7.	<p>2/REF01/150</p> <p>(Used in HL03=PH, Product Characteristics Loop)</p>	<p><u>Add the following codes:</u></p> <p>LT – Lot Number DLMS Note: <i>Use with HL03=PH to identify a batch or lot number for a product produced at one time under the same manufacturing conditions. The field length for batch or lot number is limited to 20 characters.</i></p> <p>ZM – Manufacturer Number DLMS Note: <i>Use with HL03=PH to identify the text name of the product's manufacturer. For DMLSS, if a batch/lot is provided, the actual Manufacturer must be provided---either by submitting using N1 segment in PH Loop or providing this ZM Code with text name of manufacturer.</i></p>	<p>These are established ANSI X12 codes utilized to uniquely identify items within the line level.</p> <p>The prime contractor must identify product lot number. A batch/lot is assigned to identify a batch or lot of product manufactured at one time (e.g. a production run). Batch/lots may be treated as a single item with a batch/lot and IUID number. IUID may also be applied to an individual tangible item.</p> <p>Both the batch/lot and IUID provide valuable information.</p> <p>Use of the batch lot is an effective but less formal method of product management and can be used for product recall. The IUID requires an item mark with pedigree data for item tracking.</p> <p>Addition of these codes supports commercial business practices and leverages inventory management functionality, e.g., potency value of pharmaceuticals and vaccines.</p>
8.	<p>2/DTM01/200</p> <p>(Used in HL03=PH, Product Characteristics Loop)</p>	<p><u>Add the following code:</u></p> <p>511 – Shelf Life Expiration DLMS Note: <i>Use with HL03=PH to provide the shelf-life expiration date.</i></p>	<p>Add Code to allow capture of Shelf Life Expiration Date for management of time sensitive items, e.g., items coded as perishable.</p>

9.	2/DTM05-06/200	Mark Data Elements DTM05 and DTM06 as "Not Used".	Administrative correction. Identified as a result of PDC staffing.
10.	2/N101/220 (Used in HL03=PH, Product Characteristics Loop)	<u>Add the following code:</u> SU – Supplier/Manufacturer DLMS Note: <i>For DMLSS, if a batch/lot is provided in REF/150 of PH Loop, the actual Manufacturer must be provided---either by using this N1 segment in PH Loop or also using the REF01/150 ZM Code with text name of manufacturer. The manufacturer may be identified by CAGE, DUNS or DUNS + 4.</i>	Add code to allow the capture of Manufacturer via code: CAGE, DUNS or DUNS + 4.

6. REASON FOR CHANGE:

a. The Defense Procurement Acquisition and Policy Office (DPAP) and the Business Transformation Agency (BTA), have directed that the DoD Components and Suppliers utilize the Wide Area Workflow (WAWF) system to submit invoice and receiving documentation electronically. Utilization of the WAWF system is considered a high priority in DoD.

b. The mandate to utilize WAWF is mandated by DFARS 252.232-7000. The FAR 32.905 and Prompt Payment record keeping policy is supported via the WAWF system.

c. The DLMS updates identified in this change are required by the Defense Medical Logistics Standard System (DMLSS) and represent current business practices utilized by business trading partners.

(1) Use of product/service identification codes in the LIN Segment provides medical suppliers the product/service via the type of code, i.e., health care code, national drug code, etc. that allow number distinction.

(2) The TD4, Carrier Details (Special Handling or Hazardous Materials) codes is essential to the medical business process. Suppliers shipping medical items that require special handling, i.e., refrigeration, hazardous and/or perishable items need an indicator to ensure the receiving activity exercises proper item handling.

(3) Incorporation of batch/lot number and manufacturer codes/name is critical when managing pharmaceuticals and vaccines. Providing the data codes to interfacing systems will allow the capture and establish the shelf life, batch/lot number and manufacturer data in the accountable record, track availability and ensure good business practices.

d. These changes ensure compliance with DoD Policy.

7. ADVANTAGES AND DISADVANTAGES:

a. Advantages:

(1) Supports implementation of WAWF systemic interface with the Medical business community

(2) Provides improved item information

(3) Ensures item handling requirements are available to receiving activities.

b. Disadvantages: A batch/lot may or may not have an Item Unique Identifier (IUID) assigned. When both are applicable, the DLA Logistics Management Standards office identified a disadvantage that the procedures/mapping identified in this PDC provide no association between the new PH loop when providing the batch/lot information and the existing IUID loop, so that when both are relevant there is no way to identify which UIIs are within a specific batch/lot. The DMLSS position was the two sets of data are distinct and they did NOT want the IUIDs to be subordinate to the PH Loop as suggested by DLMS representatives. Currently, WAWF is built so that the IUID Loop and the Product Characteristics Loop are equal under the Item Loop—one is not subordinate to the other. Any change at this time to establish a relationship between the batch/lot and the corresponding unique item identifiers would require a change to the WAWF program code.

8. **ALTERNATIVES:** None identified

9. IMPACT:

a. Publications: DOD 4000.25-M, 4010 856 DLMS Supplement and Federal Implementation Convention

b. Systems: Full implementation of this interface functionality will be completed 1QFY12. WAWF V5.1 will include this functionality and will deploy in July 2011.

c. WAWF 857: Upon approval of this PDC, corresponding changes will be implemented in the 857 Shipment and Billing Notice

d. DLMS Data: The following updates to DLMS data elements are required:

(1) **Special Handling Code:** A Code used by the supplier to convey special handling of item information to the receiving activity. Applicable to DMLSS interface with WAWF.

Available codes are:

HM – Hazardous Material

MRF – Refrigerated

OPR – Perishable

(2) International Standard Book Number (ISBN): This is a 13-digit number that uniquely identifies books and book-like products published internationally. The purpose of the ISBN is to establish and identify one title or one unique edition of a title from one specific publisher. An ISBN allows for more efficient marketing and cataloging of products by booksellers, libraries, universities, wholesalers, and distributors. Applicable to DMLSS interface with WAWF.

(3) Universal Product Code/European Article Numbering (U.P.C./EAN) Shipping Container Code (1-2-5-5-1). A 14-digit code that uniquely identifies the manufacturer's shipping unit. Applicable to DMLSS interface with WAWF.

(4) Universal Product Number

(5) Receipt Processing. During review of the proposed data element additions, the Defense Logistics Management Standards office noted that not all of the proposed materiel identification values are consistent with the DLMS 527R, Receipt. The response from the originator is shown in italics:

(a) The DLMS receipt that authorizes the drug code, vendor catalog ID and prime vendor part number for medical support. However, these types of materiel identification are included as secondary values and require the use of a national stock number (NSN) as primary identification. The change assigns these data elements for use as primary materiel identification. If an NSN is assigned, it is required to be used as primary identification under DoD and DLMS policy. Please clarify why DMLSS WAWF is not using the NSN with the other values. The impact of not using the NSN on the shipment and then expecting the NSN on the receipt would seem to be a significant disconnect.

DMLSS Response: The ADC 322, Addition of Local Catalog ID qualifier to Support Requirements for Theater Enterprise-Wide Logistics System (TEWLS) Requisitions, was requested by TEWLS. One difference between DMLSS and TEWLS is that TEWLS processes DLA stock buys which require the use of the NSN as the 527R is sent to EBS. DMLSS uses the 527V (Prime Vendor Orders) vice the 527R. DMLSS supports the Prime Vendor's use of part numbers in lieu of NSNs because the PVs generally rely on part numbers/catalog numbers and aren't familiar with the NSN concept. DMLSS PVs are large corporations selling to a broad range of customers and would not understand the use of a locally assigned number.

(b) Several values being added for the WAWF ASN were never added to the receipt (ISBN, shipping container identification, and UPC) are not authorized under DLMS for receipt reporting. Will these items ever be receipted in a supply system under these values?

DMLSS Response: Values added in WAWF would not be used for DLA stock buys (527R). The new codes will be utilized by the Prime Vendors and DMLSS will generate the 527V. The majority of the transactions generated by the PV will be using the code 'VC'.

(c) The seller's part number was added to the DLMS 527R for medical support, but wasn't added to the DLMS 856 for WAWF. Again, it seems like the shipment notice and the receipt need to be consistent.

DMLSS Response: DMLSS receivers utilize the seller's part number (VC - Vendor's Catalog Number or what we refer to as the PVON - Prime Vendor Order Number) to verify what they're receiving is what they ordered.

Enclosure, Response and Comment Resolution

	Originator	Response/Comment	Resolution
1.	Army	<p>Concur</p> <p>Comment 1: In the new IC posted for 856ASN with changes for PDC 344, shouldn't TD4 also be listed in the HL03=S paragraph describing what segments pertain to the Shipment loop?</p> <p>Comment 2: During testing of 856ASN using WAWF data that I altered we discovered that DTM05 has an enumerated list in the X12 tree that is validated against. A note in the IC indicating that such a list exists or the listing the acceptable values might be nice.</p>	<p>Noted</p> <p>1. The TD4 will be used in the HL03=I, and this corresponding paragraph does need to include this segment. It has now been updated.</p> <p>2. The DTM05 and 06 were open in error (as a carry-over from the Federal IC). They have now been closed in the DLMS Supplement.</p>
2.	Navy	The Navy concurs with PDC 344 as written and submits no additional changes or amendments.	Noted
3.	Air Force	AF concurs with PDC 344. The EDI 856 is a critical component in the entire DMLSS - WAWF interface equation. Without the 856, DMLSS will not be able to receive and populate invoice and IUID data.	Noted
4.	Marine Corps	Concur	Noted
5.	USTRANSCOM/ IGC	<p>USTRANSCOM requests that implementation date be at least 90 days after the ADC release date.</p> <p>USTRANSCOM will require this period to allow IGC the necessary time to code, install, test, and release the changes required to process this data.</p>	This office cannot alter the WAWF release dates which are established in coordination with the Components.
6.	DPAP	<p>You can delete para 3b, as the requirement is actually in the DFARS. And add DFARS 232.7000, which is where the requirement you cite in 3b really is. 252.232-7003 is actually "Electronic Submission of Payment Requests".</p> <p>6a should also cite DFARS 232.7000. The regulation actually implements a statutory requirement.</p>	Documentation updated.
7.	DLA	Concur without comment.	Noted