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IN REPLY
REFER TO

DLMSO

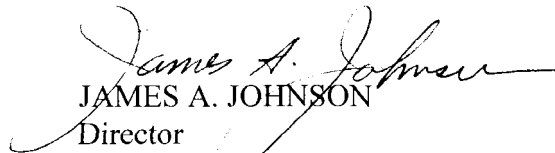
FEB 17 2005

MEMORANDUM FOR: FINANCE PROCESS REVIEW COMMITTEE MEMBERS

SUBJECT: Approved DLMS Change (ADC) 154, Inclusion of Data Elements Supporting Unique Identification (UID) of Items on Logistics Bills (DLMS Supplement 810L) (Staffed as PDC 154) (Finance)

The attached change to DOD 4000.25-M, DLMS, is approved for implementation. The updated DLMS Supplement will be posted to the Defense Logistics Management Standards Office (DLMSO) Web site (<http://www.dla.mil/j-6/dlms/ICs/Default.htm>) within 30 days from the above date for implementation planning. DLMSO will submit concurrently any necessary revisions to the governing Federal Implementation Convention to the DOD Electronic Data Interchange Standards Management Committee, and the Federal Electronic Data Interchange Standards Management Coordinating Committee, and applicable working groups.

Addressees may direct questions by email to DLMSO@dla.mil. Please include "ATTN: Finance PRC Chair" in the email subject line. Others must contact their Component's designated DLMS Finance Process Review Committee representative.


JAMES A. JOHNSON
Director
Defense Logistics Management
Standards Office

Attachment

ADC 154

Inclusion of Data Elements Supporting Unique Identification (UID) of Items on Logistics Bills (DLMS Supplement 810L) (Finance) (Staffed by PDC 154)

1. ORIGINATOR:

a. **Service/Agency:** Defense Logistics Management Standards Office (DLMSO). Email DLMSO@dla.mil.

b. **Sponsor:** Chair, Finance Process Review Committee.

2. REFERENCES:

a. All Defense Logistics Management System (DLMS) Supplements (DS) listed in this memorandum are available at <http://www.dla.mil/j-6/dlms0/elibrary/TransFormats/x12.asp>. Federal and DOD Implementation Conventions are available at <http://fedebiz.disa.mil/cgi/advsearch.cgi>.

b. UID policy and associated documentation is available at: <http://www.acq.osd.mil/dpap/UID/>.

3. **FUNCTIONAL AREA:** Primary: Finance

4. REQUESTED CHANGE:

a. **Title:** (ADC) 154, Inclusion of Data Elements Supporting Unique Identification (UID) of Items on Logistics Bills (DLMS Supplement 810L).

b. **Description of Change:** This change updates DLMS Supplement (DS) 810L Logistics Bill transactions to carry UII data. Component system changes which are required to support the integration of the UII data requirements are not identified in this change and must be addressed by the Components.

c. **Procedures:** Modify DOD 4000.25-M, DLMS, as follows:

(1) Update DLMS manual front matter as approved by Approved DLMS Change (ADC) 127:

Terms and Definitions

Unique Identification (UID) of Items. The application of a set of data elements that is globally unique and unambiguous, ensures data integrity and data quality throughout life, and supports multifaceted business applications and users.

Unique Item Identifier (UII). An identifier used in unique item tracking programs to uniquely identify an individual asset used within DOD. *The UII may be derived from a DOD-approved*

commercially-accepted identification methodology [e.g., Vehicle Identification Number (VIN)] or a composite structure defined by the DOD [refer to UID Construct 1 and UID Construct 2].

Formation of the UII relies upon two primary methods of serialization: (1) Serialization within the enterprise and (2) Serialization within the original part number of the enterprise. Regardless of which numbering system is used, the UII must include the Enterprise Identifier. Refer to OSD policy and supporting documentation for specific guidance at <http://www.acq.osd.mil/dpap/UID/>. Refer to MIL-STD-130L for specific guidance marking of U.S. Military property.

Unique Item Identifier (UII) Type. *A designator that identifies the specific structure and syntax of a type of UII. Specific examples of the UII Type are: Vehicle Identification Number (VIN), UID Construct I (UID1), UID Construct I (UID2).*

Unique Identification (UID) Construct I. This is a concatenated UII based upon serialization within the enterprise. The UII contains the IAC, EID, and serial number.

Unique Identification (UID) Construct II. This is a concatenated UII based upon serialization within the part. The UII contains the IAC, EID, original part number, and serial number. For legacy material, a subset of UID Construct II (referred to as Construct IIA) contains a batch, lot number, or other production run number required for uniqueness of the serial number within the part.

Acronyms and Abbreviations:

UII Unique Item Identifier

UID Unique Identification

(2) Modify DLMS Supplements. Mapping and associated notes for DS 810L ANSI ASC X12 format is identified in the table at paragraph 8. All changes are at the ANSI ASC X12 Version 4010. Changes will be carried over to DLMS XML equivalent transactions.

5. REASON FOR CHANGE: DOD policy for the UID requires that the unique item identifier assigned to an asset be included on all transactions associated with the valuation of the asset. In support of this requirement, financial transactions within logistics must also identify the UII. This change incorporates the UII as currently defined within other DLMS transactions.

6. ADVANTAGES AND DISADVANTAGES:

- a. Advantages:** The DOD has determined that to provide reliable and accurate data for accounting and property management, for tangible items, meeting specific criteria, will be uniquely identified and marked. Although specific requirements for use of the UII have not been defined, this ADC supports anticipated UID requirements by incorporating the UII in logistics bills (DS 810L).
- b. Disadvantages:** Since not all related policy and requirements have been identified additional changes may be required.

7. DLMSO DISPOSITION FOR PDC 154 COMMENTS:

ORGANIZATION	#	COMMENT	DLMSO DISPOSITION
<p>DFAS <u>Janice Herbel</u></p> <p>Systems Manager for Standard Material Accounting System (SMAS) and Standard Base Supply System Accounting and Finance (SBSS A&F)</p>	1	Both [SMAS and ABSS A&F] are legacy systems. We have a XML Waiver.	OSD is not mandating the use of XML, but the elimination of MILS. DLMSO preference is the use of ASC X12. An XML waiver is not a DLMSO issue.
	2	IT1 Baseline Item Data (Invoice) includes the quantity but that loop is not mandatory. We believe the quantity is a mandatory field to match against the obligation details in our system.	This quantity requirement is addressed within the transaction. The IT1 segment DLMS note 1 identifies that one iteration of IT1 <u>must</u> be used. Within the IT1 segment, which must be used, IT102 for quantity is marked ‘Must Use’, so the quantity must be cited when the IT1 segment is used.
	3	The stock number and unit of issue is also contained in that [IT1] loop and our systems use that data for matching.	<p>For Unit of Issue, this requirement is addressed within the transaction for unit of issue.</p> <p>The IT1 segment DLMS note 1 identifies that one iteration of IT1 must be used. Within the IT1 segment, IT103 for unit of measure is marked ‘Must Use’, so it must be cited.</p> <p>For stock number, IAW the note at 2/IT106/10, the data is to be perpetuated from the requisition order or issue document. Under DLMS, as a DLMS enhancement, the requisition and issue transactions provide for use of all of the qualifiers identified in the 810L at 2/IT1/06, with the exception of A3-Locally Assigned Control Number. Use of qualifiers other than ‘FS’ (NSN) are DLMS enhancements and are identified as such in the transaction. DLMS enhancements require coordination and business rules prior to use as noted in the associated DLMS note on page 1 of the transaction (DLMS note 6.a). The DS does state that the NSN (qualifier FS) must be used when known. (NOTE: 2/IT106/10 Qualifiers A1, A2, A4, FB, FT, MG, YP and ZZ already existed in DS 810L and were not added as part of PDC 154.)</p> <p>DLMSO will delete qualifier A3, and add the following DLMS note to 2/IT106/10 for consistency with other DLMS Supplements: <i>“Use only one of codes A1, A2, A4, FB, FS, FT, MG, YP or ZZ to identify the material. Must use National Stock Number (NSN) (code FS) when known, except when appropriate brand name subsistence items are identified by the Subsistence Identification Number.”</i></p>

ORGANIZATION	#	COMMENT	DLMSO DISPOSITION
			<p>DLMSO will also revise the DLMS note for qualifier ZZ as follows for consistency with other DLMS supplements:</p> <p>ZZ Mutually Defined DLMS note: <i>1. Use to identify nonstandard material when all other authorized codes do not apply or cannot be determined (includes management control numbers and locally assigned control numbers).</i></p> <p><i>2. DLMS enhancement; see introductory DLMS note 6a.</i></p>
	4	On N1 Name loop, there is a DODAAC. This is optional. Our systems will need this data to identify the buyer and process against the correct detail accounts.	The use of DUNS and DUNS+4 are DLMS enhancements and are identified as such by the associated DLMS note. Enhancements require coordination and business rules prior to use as noted in the DLMS note, accordingly they cannot be used unless coordinated/agreed to. However if such coordination is done between trading partners, they could be used in lieu of the DODAAC, therefore the DODAAC is not identified as 'Must Use' in DLMS transactions.
DFAS Mike Walker DFAS-ADWZ/DE	5	FIABS is currently uses 80 column MILS Interfund compliant transactions which currently doesn't support additional positions for a UID. XML requirements were just sent to AFMC on the 23rd of December for analysis.	UID is not intended to be supported by 80 column MILS transactions. The December 22, 2003 OSD memorandum, subject: Migration to DLMS and Elimination of MILS, requires action to eliminate the generation and transmission of transactions using the 80-character MILS formats. The memorandum notes that the constraints of the data-limited MILS formats prevent tracking an item throughout its life cycle across the entire supply chain using Unique Identifiers (UIDs).
	6	I don't know if FIABS, since it's owned by AFMC, also received a waiver or not. I'm checking. I have sent this requirement to AFMC for their comments as well.	If the 'AFMC' referred to is the Air Force Material Command, Air Force has neither asked for, nor been granted, a waiver. DFAS requested a FIABS waiver which was granted through 1 October 2007.
	7	Of course funding issues will be high on the list.	DFAS must address this issue.
	8	Quick comments are since XML is replacing MILSBILLS and adding positions for the XML requirement add the UID requirement to the XML requirement or implement afterwards.	DLMSO has not mandated the use of XML to replace MILSBILLS. The DLMS ASC X12 810L transaction is modified by this change to support UID, and these changes will be carried over to the equivalent DLMS XML transaction.

ORGANIZATION	#	COMMENT	DLMSO DISPOSITION
DFAS Mike Walker DFAS-ADWZ/DE			
	9	Assignment and management of UIDs will also need to be addressed with the Logistics community.	True. As noted in PDC 154, although specific requirements for use of the UII have not been defined, this change supports anticipated UID requirements by incorporating the UII in logistics bills. As also noted in the PDC, Component system changes required to support the integration of the UII data requirements are not identified in the change. DLMSO is revising approximately 25 DLMS logistics transactions to support transactional exchange of UID requirements. System changes required to support the integration of UID UII data must be addressed by the Components.
	10	There are also other initiatives involved, such as CRISP, which appears to involve CAV II and AF Contractors and XML routing, DEAMS, and of course the other services will need to make the same changes.	This change revises the DLMS 810L for transactional exchange supporting UID requirements. System changes required to support the integration of UID UII data must be addressed by the Components.

8. IMPACT:

Publication(s): DOD 4000.25-M, DLMS, DoD IC for 810L corresponding DLMS Supplement. If needed, revisions to DOD ICs will be submitted to the DOD Finance Functional Work Group for coordination/approval. Changes not identified in PDC 154 are highlighted in the table below.

#	Location	DS 810L Revision	Reason
1.	DLMS Introductory Notes	Added new DLMS note 7 to read: <i>7. This transaction may be used to provide Unique Item Identifier (UII) information. Refer to the UID web at URL: http://www.acq.osd.mil/dpap/UID/ for DoD policy and business rules.</i>	To identify UID web URL
2.	DLMS Introductory Notes	Added ADC 154 and ADC 77 titles to list of DLMS Changes to DLMS note 8. <i>- ADC 77, Air Force Unique Management Coding for Materiel Management Aggregation Code (MMAC)</i> <i>- ADC 154, Inclusion of Data Supporting UID of Items on Logistics Bills (DLMS Supplement 810L)</i>	Identifies DLMS Changes included in the DLMS Supplement

#	Location	DS 810L Revision	Reason
3.	2/IT106/010	<p>Delete qualifier A3</p> <p>Add the following DLMS note at 2/IT106/10: <i>"Use only one of codes A1, A2, A4, FB, FS, FT, MG, YP or ZZ to identify the material. Must use National Stock Number (NSN) (code FS) when known, except when appropriate brand name subsistence items are identified by the Subsistence Identification Number."</i></p> <p>Delete code level DLMS note at qualifier 'FS'. Use of NSN is identified in the DLMS note at 2/IT106/010 level as noted above</p> <p>Revise the DLMS notes for qualifier ZZ: ZZ Mutually Defined DLMS note:</p> <p>1. Use to identify nonstandard material when all other authorized codes do not apply or cannot be determined (includes management control numbers and locally assigned control numbers).</p> <p>2. DLMS enhancement; see introductory DLMS note 6a.</p>	<p>Qualifier A3 deleted for consistency with, and to eliminate a disparity from, other DLMS Supplements (DS).</p> <p>DLMS notes updated for consistency with other DS.</p> <p>See "stock number" discussion in the comments disposition at paragraph 7 (item # 3) in this ADC.</p>
4.	2/REF/120	<p><u>Revised REF Segment notes to read:</u></p> <p><u>Federal Note:</u> <i>Use the 2/REF/120 loop to provide Unique Identification (UID) information.</i></p> <p><u>DLMS Notes:</u> <i>In general, use the 2/REF/120 loop to pass UID data in DLMS transactions.</i></p>	<p>Identifies the purpose of providing the Unique Identification (UID) information</p>
5.	2/REF01/120	<p><u>Add qualifier "U3" w/ the following DLMS note:</u></p> <p><i>Use to identify the UII. Place UII value in REF03. An ANSI data maintenance request has been prepared to request a new code qualifier for Unique Item Identifier for future use.</i></p>	<p>Identifies the Unique Item Identifier (UII) value.</p>
6.	2/REF03/120	<p><u>Opened REF03 and added the following DLMS note:</u></p> <p><u>DLMS Note:</u> <i>Use to indicate UII value when REF01=U3.</i></p>	<p>Identifies the location of the UII value when used.</p>

#	Location	DS 810L Revision	Reason
7.	2/LQ01/310	<p>Add qualifier GQ, Group Qualifier Code, as follows:</p> <p>GQ Group Qualifier Code</p> <p>DLMS Note: Use to identify the MMAC for NSNs to be managed by a specific manager (i.e., system, program, aggregation, selected FSC, technology group). This is an Air Force-unique data element, meaningful to the Air Force only. Non-Air Force Components perpetuate without action.</p> <p>A data maintenance action was approved in version 5010. The approved code/name is "MAC-Materiel Management Aggregation code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.</p>	<p>Administrative update to highlight incorporation of Approved DLMS Change (ADC) 77, August 26, 2002. ADC 77 is available at: http://www.dla.mil/j-6/dlms/eLibrary/changes/approved.asp.</p>