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DLMSO   February 10, 2005

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE MEMBERS

SUBJECT: Approved Defense Logistics Management System (DLMS) Change (ADC) 153,
          Inclusion of Data Supporting Unique Identification (UID) of Items in DLMS
          Supplement 867I, Product Transfer and Resale Report (Issue), and Administrative
          Changes (Supply) (Staffed by PDC 157)

        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/dlmso/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 to the Defense Logistics Management Standards Office
point of contact, Ms. Mary Jane Johnson, 703-767-0677, DSN 427-0677, or e-mail:
Mary.Jane.Johnson@dla.mil. Others must contact their Component designated Supply Process
Review Committee representative.

                                        JAMES A. JOHNSON
                                        Director
                                        Defense Logistics Management
                                        Standards Office

Attachment

cc:
ADUSD SCI
Unique Item Tracking Committee
Joint Small Arms Coordinating Group
Joint Physical Inventory Working Group

ATTACHMENT TO APPROVED DLMS CHANGE (ADC) 153
Inclusion of Data Supporting UID of Items in DLMS Supplement 867I, Product Transfer and Resale Report (Issue) (Supply)

1. ORIGINATOR:

   a. Service/Agency: Defense Logistics Management Standards Office (DLMSO)

   b. Sponsors:

      (1) Unique Item Tracking Committee Chair: Mary Jane Johnson, DLMSO, 703-767-0677 (DSN 427), E-mail: Mary.Jane.Johnson@dla.mil

      (2) Supply Process Review Committee Chair: Ellen Hilert, DLMSO, 703-767-0676 (DSN 427), E-mail: Ellen.Hilert@dla.mil

2. REFERENCES:

   a. All DLMS Supplements (DS) listed in this memorandum are posted to the DLMSO Web site at http://www.dla.mil/j-6/dlmso/elibrary/TransFormats/x12.asp. Federal Implementation Conventions (IC) are available at http://fedebiz.disa.mil/cgi/advsearch.cgi.

   b. Unique identification (UID) policy and associated documentation is available at: http://www.acq.osd.mil/dpap/UID/.

   c. Unique item tracking (UIT) policy is published in DoD 4140.1-R, DOD Supply Chain Materiel Management Regulation, Chapter 5, section C5.7.3. DOD 4140.1-R is available at: http://www.dtic.mil/whs/directives/corres/html/41401r.htm.

3. FUNCTIONAL AREA: Primary: Supply

4. REQUESTED CHANGE:

   a. Title: ADC 153, Inclusion of Data Supporting Unique Identification (UID) of Items in DLMS Supplement 867I, Product Transfer and Resale Report (Issue) and Other Administrative Changes (Supply)

   b. Description of Change: This change updates DLMS supplement 867I to carry the unique item identifier (UII) for unique identification (UID) of assets. Component system changes which are required to support the integration of UID UII data are not identified in this change and must be addressed by the Components. The DLMS and DOD 4140.1-R, DOD Supply Chain Materiel

Management Regulation, provide for unique item tracking (formerly called serial number tracking) for specific DOD UIT programs. The inclusion of UID UII data in the DLMS facilitates UIT for those items that fall under the UID policy criteria of 'serial managed' assets. Initial inclusion of UID data in DLMS is intended to facilitate tracking by UII for DOD UIT programs, but it also positions DLMS transactions for wider use of UID if requirements are identified as UID logistics and financial implementation policies evolve.

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

    (1) ADC 127 updated DLMS manual front matter to include unique item identification related definitions and acronyms as provided below for ease of review:

<u>**Terms and Definitions**</u>

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.

<u>**Acronyms and Abbreviations:**</u>

UII Unique Item Identifier

UID Unique Identification

    (2) This ADC complements and supports PDC 147, November 4, 2004, DLMS Unique Item Tracking (UIT) Procedures – New Chapter 19 (Supply/UIT). PDC 147 is currently being revised for staffing as PDC 147A, based on discussion at the December 9, 2004, Unique Item Tracking Committee meeting.

    (3) Modify DLMS Supplement (DS) 867I. Mapping and associated notes for ANSI ASC X12 formats are identified in the table at paragraph 7 below. All changes are at the ANSI ASC X12 Version 4010. **Changes will be carried over to DLMS XML equivalent transactions.** DS 867I intends to support the following data configuration.

        [1] The UIT loop (2/LX/280 loop) provides specific UID information and provides flexibility to accommodate tracking by UII or serial number. Providing for UIT by serial number is a transitional requirement until the Components fully implement the UID concept, and tracking by UII, across DOD.

        [2] The UIT loop is repeated for each item to be uniquely identified.

5. REASON FOR CHANGE:

a. OSD policy for UID states that the Unique Item Identifier (UII) shall be the primary or alternate pointer or key data element for the automated information systems (AIS). In support of this requirement, logistics transactions must identify the UII. This change incorporates the UII as defined under UID policy, within DLMS logistics exchange transactions.

b. A goal of unique identification of items is to help achieve clean audit opinions on DOD financial statements. As the financial policy and requirements for UID evolve, they may influence future UID logistics policy, and implementation in logistics transactions and systems.

c. The UII terminology that had been carried in DS 867I prior to this change was comparable to the serial number, but did not equate to a UII under the new DOD UID definition since a serial number lacks "uniqueness" when used alone. This change introduces the revised understanding of the term UII to DS 867I.

d. This change also includes administrative updates to DS 867I for consistency with other DS.

6. ADVANTAGES AND DISADVANTAGES:

a. Advantages: Although specific logistics policy and requirements for implementing UID have not been defined, this ADC supports the UID concept by incorporating UID functionality in DS 867I.

b. Disadvantages: None specifically identified; however UID implementation policy is evolving and additional changes may be required to modify or enhance the transactional exchange as outlined in this change.

7. COMMNTS DISPOSITION FOR PDC 157 COMMENTS:

	COMPONENT	COMMENT	DISPOSITION
1	ARMY Mr. Ken Deans Army SPRC rep Headquarters, U.S. Army Materiel Command Asset Management & Distribution Branch	On page 1 of PDC 157 it states in the description of Change that "Component system changes which are required to support the integration of UID UII data are not identified in this change and must be addressed by the Components." Have the reporting systems been notified of this requirement to support UID UII data?	The object of this comment is not under DLMSO's purview. Army must address this comment internally, and address their system implementation of the approved change.

	COMPONENT	COMMENT	DISPOSITION
2	ARMY Mr. Ken Deans Army SPRC rep Headquarters, U.S. Army Materiel Command Asset Management & Distribution Branch	Item 22, 2/REF01/290 combines Batch Number and Lot Number under code BT and in the DLMS note it is explained that BT is used to identify both the batch number and lot number. Would it not be prudent to change qualifier 'BT Batch Number' to read "BT Batch Number/Lot Number'? This would allow the user to see at a glance that this is a multi-use field without having to read the DLMS note to ascertain the full extent of the field usage.	Nonconcur. The suggested change would require a change at the American National Standards Institute (ANSI) Accredited Standards Committee (ASC) X12 level. However, since ANSI ASC X12 has separate qualifiers for Batch (BT) and for Lot (LT), it is unlikely they would change BT- Batch to represent batch/lot. DLMSO made this change for DLMS transactions to eliminate a disparity between the AIT identification of batch/lot data and the DLMS transaction identification of the data since AIT is the preferred method for introducing batch/lot data for system and transaction use. Batch/lot is one data field in DOD AIT standards. Prior to this change, batch and lot had been portrayed as two separate data fields in DLMS, thereby creating a disconnect between the AIT and DLMS portrayal of the data.

8. IMPACT:

      a. Automated Information Systems. Component system changes required to support the integration of UID UII data are not identified in this change and must be addressed by the Components.

      b. Publication(s): DOD 4000.25-M, DLMS, Federal IC 867I and corresponding DLMS Supplement. If needed, revisions to Federal ICs will be submitted to the EDISMC/Logistics Functional Work Group for coordination/approval. Revise Federal IC and DS for 867I as follows (administrative changes from PDC 157 are identified by <mark>highlighted text</mark>):

Item #	Location	DS 867I Revision	Reason	Federal IC Impact
1.	DLMS Introductory Notes	Revise DLMS note 1: *1. Storage organizations use this transaction set to report material issues to Inventory Control Points (ICPs) or Integrated Material Managers (IMMs). This transaction encompasses functionality of MILSTRAP DI Code D7_.*	Administrative update	No revision required

Item #	Location	DS 867I Revision	Reason	Federal IC Impact
2.	DLMS Introductory Notes	Added new DLMS note 6 to read: *6. This transaction may be used to provide Unique Item Identifier (UII) information. Refer to the Unique Identification (UID) web at URL: http://www.acq.osd.mil/dpap/UID/ for DOD policy and business rules.*	To identify that UID data can be conveyed by this transaction, and the UID web URL	No revision required
3.	DLMS Introductory Notes	Added DLMS note 7 and ADCs to list DLMS Change *This revision to the DLMS Supplement incorporates Proposed DLMS Change (PDCs) and Approved DLMS Changes (ADCs) listed. PDCs/ADCs are available from the DLMSO Web site http://www.dla.mil/j-6/dlmso/Changes.* *- ADC 77, Air Force Unique Management Coding for Materiel Management Aggregation Code (MMAC)* *- ADC 153, Inclusion of Data Supporting Unique Identification (UID) of Items in DLMS Supplement 867I, Product Transfer and Resale Report (Issue), and Administrative Changes (Supply)*	Identifies DLMS Changes included in the DLMS Supplement	No revision required
4.	1/N101/080	Revised Federal Note to read: *Use any code.*	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	Revision required
5.	2/PTD01/010	Add Federal Note to read: *Use any code.*	Administrative. DLMS Supplement authorizes specific qualifiers consistent with other DS.	Revision required
6.	2/PTD01/010	Add DLMS note: *For DLMS use, only the following codes are authorized:*	Administrative. DLMS Supplement authorizes specific qualifiers consistent with other DS.	No impact
7.	2/DTM01/020	Add Federal Note to read: *Use any code.*	Administrative. DLMS Supplement authorizes specific qualifiers consistent with other DS.	Revision required

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Item #	Location	DS 867I Revision	Reason	Federal IC Impact
8.	2/DTM/020	Add DLMS note: **_For DLMS use, only the following codes are authorized:_**	Administrative. DLMS Supplement authorizes specific qualifiers consistent with other DS.	No impact
9.	2/REF01/030	Revised Federal Note to read: **_Use any code._**	Administrative. DLMS Supplement authorizes specific qualifiers consistent with other DS.	Revision required
10.	2/REF01/030	Code ZZ-Mutually defined, revised DLSM notes to read: _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). May be used for DLSS-to-DLMS conversion when the translator cannot determine a more appropriate code._ _2. DLMS enhancement; see introductory DLMS note 5a._	Administrative update	No impact
11.	2/REF04/030	Add Federal Note: **_Use any code._**	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	Revision required
12.	2/REF04/030	Add DLMS note: **_For DLMS use, only the following codes are authorized:_**	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	No impact
13.	2/N101/050	Revised Federal Note to read: **_Use any code._**	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	Revision required

Item #	Location	DS 867I Revision	Reason	Federal IC Impact
14.	2/N103/050	Add UR - Uniform Resource Locator with DLMS notes: UR Uniform Resource Locator (URL) **DLMS Note:** *1. Use when appropriate to identify the Component UIT registry.* *2. DLMS enhancement; see introductory DLMS note 5a.*	For consistency with DLMS UIT capability added to DS 140B	Revision required
15.	2/QTY01/110	Add Federal note: ***Use any code.***	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	Revision required
16.	2/QTY01/110	Add DLMS note: ***For DLMS use, only the following codes are authorized:***	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	No impact
17.	2/LQ01/270	Revised Federal Note to read: ***Use any code.***	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	Revision required
18.	2/LQ01/270	Revise DLMS notes: *1. Use either code 99 or A1 (but not both), except for ammunition where both codes may be used. (**Use of both codes for ammunition is a DLMS enhancement (see introductory DLMS note 5a.).**)* *2. For DLMS use, only the following codes are authorized:* ~~**(Use of both codes for ammunition is a DLMS enhancement (see introductory DLMS note 5a.)**~~	Administrative. Corrects existing DLMS notes 1 and 2.	No impact

Item #	Location	DS 867I Revision	Reason	Federal IC Impact
19.	2/LQ01/270	Add qualifier GQ, Group Qualifier Code, as follows: GQ Group Qualifier Code 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. 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.	Administrative update to incorporate ADC 77	No impact
20.	2/LX/280	<u>Add new Federal note 1.</u> *1. Use the 2/LX /280 loop to provide Unique Identification (UID) information for the purpose of Unique Item Tracking (UIT).* *2. Use the LX segment as a counter to identify the number of 2/LX/280 loop iterations in the transaction set.*	Identifies the purpose 2/LX/290 loop	Revision required
21.	2/LX/280	<u>Revise and add LX segment DLMS notes:</u> *1. Must use the 2/LX/280 loop when the item identified in the 2/N1/310 segment is subject to a UIT program to identify the unique item identifier (UII) or serial number.* *2. The 2/LX/280 loop is repeated for each item to be uniquely identified and provides flexibility to accommodate tracking by UII or serial number.* *3. May use the 2/LX/280 loop to provide batch/lot number information* *4. The entire 2/LX//280 loop is a DLMS enhancement. See introductory DLMS note 5a.*	Identifies the purpose 2/LX/290 loop	No impact

Item #	Location	DS 867I Revision	Reason	Federal IC Impact
22.	2/REF/290	Revised REF Segment notes to read: Federal Note: *Use the 2/REF/290 segment to provide Unique Identification (UID) information.* DLMS Notes: *1. Must use the 2/REF/290 loop in Product Transfer and Resale Report (Issue) transactions when the item identified is subject to UIT requirements.* *2. This transaction will support item identification based upon the UII or the serial number.* *3. This transaction also provides for use of a batch/lot number, when applicable.* *4. Use multiple iterations of 2/REF/290 segment within the 2/LX/280 loop, to provide identifying information for an item as needed.*	Identifies the purpose 2/REF/290 segment.	Revision required
23.	2/REF01/290	Add Federal Note to read: **Use any code.**	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	Revision required
24.	2/REF01/290	Add DLMS note: **For DLMS use, only the following codes are authorized:**	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	No impact
25.	2/REF01/290	Deleted qualifier "LT" and revised DLMS Note for qualifier "BT": *LT Lot Number* BT Batch Number DLMS note: **1. Use to identify the manufacturer's batch/lot number or other number identifying the production run.** **2. DLMS enhancement. See introductory DLMS note 5a.**	"BT" and "LT" Qualifiers have been combined. Batch/lot is one field in DOD AIT standards. This change eliminates a disconnect between AIT use of batch/lot as one field, and DLMS portrayal of the data as two separate data fields.	No revision required

Item #	Location	DS 867I Revision	Reason	Federal IC Impact
26.	2/REF01/290	Revised DLMS note for qualifier "SE" to read: SE Serial Number *1. Use to identify the serial number. Place serial number value in REF02.* *2. DLMS enhancement. See introductory DLMS note 5a.*	Established data element for serial number distinct from UII data element.	No revision required
27.	2/REF01/290	Add qualifier "U3" w/ the following DLMS notes: *U3 Unique Supplier Identification Number* *1. 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.* *2. DLMS enhancement. See introductory DLMS note 5a.*	Identifies the Unique Item Identifier (UII) value.	Revision required
28.	2/REF02/290	Modified Data Element from "Must Use" to "Used" and added the following DLMS note: DLMS Note: *Use to indicate serial number when REF01=SE.*	Identifies the location of the serial number value when used.	Revision required
29.	2/REF03/290	Opened REF03 and added the following DLMS note: DLMS Note: *Use to indicate UII value when REF01=U3.*	Identifies the location of the UII value when used. Per DOD policy, the DOD UID can be up to 78 characters. To allow for the longer length, the UII value is mapped to the REF03 ANSI text field (vice the shorter REF02 reference number field).	Revision required
30.	2/DTM01/300	Add Federal Note to read: *Use any code.*	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	Revision required

Item #	Location	DS 867I Revision	Reason	Federal IC Impact
31.	2/DTM01/300	<u>Add DLMS note:</u> ***For DLMS use, only the following codes are authorized:***	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	No impact
32.	2/DTM01/300	<u>Codes '094' and '512': Delete Federal note and add as DLMS note 1:</u> 094 Manufacture DLMS note: *1. Use to identify the date of manufacture for the material identified.* *2. DLMS enhancement. See introductory DLMS note 5.a.* 512 Warranty Expiration DLMS note: *1. Use to identify the warranty expiration date associated with the materiel reported.* *2. DLMS enhancement. See introductory DLMS note 5.a.*	Administrative. Makes current Federal note a DLMS note since codes '094' and '512' are no longer specified at Federal level.	Revision required
33.	2/N101/310	<u>Add Federal Note to read:</u> ***Use any code.***	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	Revision required
34.	2/N101/310	<u>Add DLMS note:</u> ***For DLMS use, only the following codes are authorized:***	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	No impact
35.	2/N103/310	<u>Add Federal Note to read:</u> ***Use any code.***	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	Revision required
36.	2/N103/310	<u>Add DLMS note:</u> ***For DLMS use, only the following codes are authorized:***	Administrative. DLMS Supplement authorizes specific qualifiers, consistent with other DS.	No impact