



DEFENSE LOGISTICS AGENCY
HEADQUARTERS
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MEMORANDUM FOR RECORD

SUBJECT: Administrative Defense Logistics Management Standards Change 1462A, Expand Usage of Item Unique Identification in the Defense Logistics Management Standards 940R Supporting Defense Logistics Agency Warehouse Management System Functionality (Supply/IUID)

This memo corrects the segment position references identified in the DLMS IC change tables.

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for Logistics

Attachment:
As stated

cc:
ODASD(Logistics)
DLA J6DS

Approved Defense Logistics Management Standards Change 1462A Expand Usage of Item Unique Identification in the Defense Logistics Management Standards 940R Supporting Defense Logistics Agency Warehouse Management System Functionality (Supply/IUID)

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:

a. **Technical POC:** Kurt Phoel, US Army Logistics Management System (LMP) Program Analyst, kurt.m.phoel.ctr@army.mil, (862) 259-0186

b. **Functional POC:** Tiffanie Dew, Headquarters Army Materiel Command Supply Chain Execution Business Team Lead, tiffanie.dew.civ@army.mil, (256) 450-6905

2. REASON FOR CHANGE:

a. **Bottom Line Up-Front:** Substantive updates made after staffing are identified in **green highlighting**. This change authorizes the use of the Item Unique Identification (IUID) functionality in the Defense Logistics Management Standards (DLMS) 940R Materiel Release Implementation Convention (IC) as documented in ADC 1073 (reference 12.d.). This change is to enable the fulfillment of materiel release orders (MRO) by serial number (SN) and or Unique Item Identification (UII). If the MRO is denied, DLM 4000.25, Volume 2, Appendix 2.6, Management Codes documented the use of Management Code "T" (*Reserved for a denial management code associated with Unique Item Tracking (UIT)*) applicable for DIC A6_.

b. **Background:**

(1) The current business process for DLMS 940R MROs sent from both the Army's Logistics Modernization Program (LMP) and the Marine Corps' Global Combat Support System-Marine Corps (GCSS-MC) to Defense Logistics Agency (DLA) storage activities contain any required exception data in the NTE/0450 segment, to include identification of specific SN requested for release. DLA recently implemented a Warehouse Management System (WMS) which contains expanded warehouse management capabilities that performs automatic picking of materiel based on the requested ownership/purpose data but does not automatically refer to SN information in exception data due to the varied use of the free text field. The current process requires DLA manual intervention to subsequently process a batch substitution and extract the SN and IUID data from the exception data text and manually enter it into the WMS to process the Materiel Release of the requested SN, resulting in additional effort and cost for processing.

(2) This situation affects Army and Marine Corps materiel releases for specific SNs to include materiel being issued for testing and sampling, Depot Source of Repair, release and shipment of specific items following completion of maintenance or in support of specific contractual specifications, and Foreign Military Sales support. DLA has indicated this workaround is not sustainable and desires Army and USMC MROs for serialized items use a similar process as Air Force items as defined in reference 10.d. It is important to note that this process excludes ammunition and is applicable only for MROs issued from the National Level.

3. CHANGE IN DETAIL:

a. Technical Details:

(1) The Military Services desire the ability to request specific assets from the storage activity by SN. When the SN requested in the 940R MRO is not present at the storage site, the MRO will be denied using the Materiel Release Denial (DLMS 945A with 2/W0611/0200 containing transaction type code NK (MILSTRIP DIC A6_)) response to the requestor referencing the SN requested and use of Management Code T. This is not subject to inventory quantity adjustments at the storage site. The MRO will be processed by UII and/or SN when there is a match with materiel available in storage. Business rules are as follow:

Table C 16. T5 Storage Business Rules

UII	SN	Available in Storage	Action
Yes	Yes	Yes (UII and SN match)	Process (a)
No	Yes	Yes (SN match only)	Process (b)
Yes	No	No (Only UII)	Denial (c)
No	No	Yes (no SN/UII)	Process

(2) The MRO will be processed by UII and/or SN when there is a match with materiel available in storage. Business rules are as follow:

(a) When both the UII and the SN are present and both values match with materiel in storage, the MRO will be fulfilled as requested.

(b) When only the SN is present and there is a match with materiel available in storage, the MRO will be fulfilled as requested.

(c) When only the UII is present and not SN, the MRO will be denied.

(d) When no serialization data is provided, MRO will be processed as requested.

(e) When there is no match with the serialization data provided, the MRO will be denied.

(f) When the SN, national item identification number (NIIN), supply condition code (SCC) do not match, the MRO will be denied.

(3) Ultimately, the materiel owner has the option to request a physical inventory via the DLMS 846P Physical Inventory Request (1/BIA02 code TC Physical Inventory Report (MILSTRIP DIC = DJA)). The storage activity will then count and verify all SNs for the NIIN, SCC, and owner indicated in the request. The storage activity will transmit any inventory adjustments as necessary to correct any discrepancies.

b. Revised Transaction Flow: None

4. IMPLEMENTATION TARGET: DoD Components must evaluate each warehouse management system of record and their corresponding accountable property system of record

(APSR) to determine the level of impact. DoD Components must also plan for implementation as soon as possible but not to exceed 2 fiscal years from approval of this change.

5. TECHNICAL IMPACT:

a. Additions or Changes to Data Elements: See DLMS IC updates in Enclosure 1.

b. Automated Information Systems (AIS):

(1) DLA WMS: Modify existing logic to read SN/ IUID data in N9/1500 segment from Army LMP and GCSS-MC as is performed for DLMS 940R transactions from the Air Force Retail Supply-Transportation Interface. DLA WMS will also require changes to automatically flag DLMS 940R transactions containing exception data in NTE/0450 segment to be exempt from automatic batch picking until Army and Marine Corps systems implement this change.

(2) LMP: Modify existing front-end logic and 940R Materiel Release interface to DLA to include SN / IUID data in the N9/1500 segment as opposed to in the NTE/0450 segment.

(3) GCSS-MC: No changes required. GCSS-MC currently has the capability to include SN/IUID data in the N9/1500 segment.

c. Defense Automatic Addressing System (DAAS): Coordination to ensure receipt of DLMS 940R Materiel Release both with and without IUID information is properly transmitted to the intended recipient.

6. PUBLICATION/POLICY IMPACT:

a. Defense Logistics Manual (DLM) 4000.25:

(1) Update the DLMS 940R Materiel Release. See Enclosure 1.

(2) Update the DLMS 945A Materiel Release Advice. See Enclosure 1.

(3) Update DLM 4000.25, Volume 3, Chapter 2. See Enclosure 2.

(4) Update DLM 4000.25, Volume 2, Chapter 4. See Enclosure 3.

(5) Update DLM 4000.25, Volume 2, Chapter 5, See Enclosure 4.

(6) Update DLMS 4000.25, Volume 2, Chapter 16, See Enclosure 5.

(7) Update DLM 4000.25, Volume 2, Chapter 30. See Enclosure 6.

b. Non-DLM 4000.25 Publications: None identified.

7. ASSUMPTIONS:

a. DLA WMS will be able to implement changes to read SN/IUID data in N9/1500 segment from Army LMP and GCSS-MC.

b. DLA WMS will be able to implement the change to automatically flag DLMS 940R transactions containing exception data in NTE/0450 segment to be exempt from automatic batch picking in a timely manner after the approval of this ADC.

c. GCSS-MC requires no functional changes to allow this change to be implemented.

d. Users of this change have fully implemented the DLMS transaction capability in their business application.

8. FINANCIAL IMPROVEMENT AND AUDIT REMEDIATION (FIAR), MATERIEL WEAKNESS, AND AUDIT-RELATED INFORMATION:

a. **Notices of Findings and Recommendations (NFR):** None identified.

b. **Corrective Action Plan (CAP) References:** None identified.

c. **Other FIAR, Materiel Weakness, and Audit-Related Information:** None identified.

9. END-TO-END TESTING REQUIREMENTS: Testing will be required between Army LMP and DLA WMS and also GCSS-MC and DLA WMS.

10. REFERENCES:

a. DLM 4000.25, Volume 3, Chapter 2, Retail Supply and Transportation - Stock Shipments

b. DLMS 4000.25, Volume 2, Chapter 4, Requisitioning

c. DLM 4000.25, Volume 2, Chapter 5, Status Reporting

d. DLM 4000.25, Volume 2, Chapter 16, Disposition Services

e. DLM 4000.25, Volume 2, Chapter 30, Procedures for Serially Managed Materiel Requiring Owner Visibility

f. ADC 1073, Implementation of Item Unique Identification (IUID) in the DLMS 940R/945A Supporting the Supply-Transportation Interface; Creation of New DLMS 945A Implementation Convention (IC) Version 4030; Administrative Update to the DLMS 945A IC Version 4010 (Supply/Transportation/IUID), dated January 24, 2014

11. PROPOSED DLMS CHANGE (PDC) 1462 RESPONSE/COMMENT RESOLUTION:

	Component	Response/Comment	Disposition
1.	DLA	Concur with comment. SN/UII inaccuracy should not be the only reason for MRO denial. If NIIN/Condition Code do not match the MRO would this denial criteria satisfy	DEDSO response: As noted. When the SN, NIIN, and SCC

	Component	Response/Comment	Disposition
		this MRO Denial Code stated in this PDC?	do not match, the MRO will be denied.
2.	DAAS	Concur as written	As noted.
3.	US Air Force	Concur as written	As noted.
4.	US Army	Concur as written	As noted.
5.	US Marine Corps	Concur as written	As noted.
6.	US Navy	Concur as written	As noted.
7.	USTRANSCOM	Abstain.	As noted.
8.	FAA	Concur as written	As noted.

Enclosure 1

Update the DLMS Implementation Conventions as follows:

Changes are identified by ***bold italics***.

Item #	Location	Revision to 4030 940R, Materiel Release	Reason
1.	DLMS Introductory Note	<p><u>Added ADC 1462 to DLMS Introductory note 7:</u></p> <p><i>- ADC 1462 Expand Usage of Item Unique Identification (IUID) in the DLMS 940R Supporting Defense Logistics Agency Warehouse Management Functionality</i></p>	To identify DLMS changes included in the DS.
2.	2/LX/1100 2/LX/1400	<p><u>Add new DLMS Note 4 6 and renumber/update existing DLMS Note 4 6 to DLMS Note 5 7 at segment level:</u></p> <p><i>4 6. Use for UII, Serial Number, and batch/lot number, when this message supports the shipment of materiel where a specific Serial Number is required (See DLM 4000.25 Volume 3, Chapter 2) See ADC 1462.</i></p>	To add and clarify the new note.
3.	2/N9/1500	<p><u>Add new DLMS Note 6 and renumber/update existing DLMS Note 6 to DLMS Note 7 at segment level:</u></p> <p><i>6. When this message supports the shipment of materiel for testing or release from maintenance where a specific Serial Number is required, this transaction supports unique item identification based upon the UII. Pending full transition to DoD IUID Supply Policy using the UII, the materiel release will be prepared using the UII and corresponding Serial Number and batch/lot number when available when required by DoD IUID Supply Policy. Authorized DLMS enhancement. See ADC 1462.</i></p> <p>7. With the exception of the limited implementation authorized by ADC 1073 in support of the Retail Supply-Transportation Interface <i>and ADC 1462 in support of DLA Warehouse Management functionality</i>, the entire 2/N9/1500 segment is a DLMS enhancement. See introductory DLMS note 4a.</p>	Clearly state that the implementation of UII in the 940R is restricted to transactions supporting the shipment of materiel where a specific SN is required.
4.	2/N901/1500	<p><u>Modify existing DLMS Note 1:</u></p> <p>1. Use codes separately or in combination, to identify appropriate information for DoD IUID Supply Policy, including, but not limited to unique item tracking (UIT) programs. See ADC 1073 <i>and ADC 1462.</i></p>	Clarifies intended use to support DoD IUID Supply Policy.

Item #	Location	Revision to 4030 940R, Materiel Release	Reason
5.	2/N901/1500	<p>Add new DLMS Note 3 for Qualifiers BT, SE and U3.</p> <p>BT Batch Number DLMS Note: <i>3. Use when this transaction supports shipment of materiel where a specific Serial Number is required. See ADC 1462.</i></p> <p>SE Serial Number DLMS Note: <i>3. Use when this transaction supports shipment of materiel where a specific Serial Number assigned by the OEM is required. See ADC 1462.</i></p> <p>U3 Unique Supplier Identification Number (USIN) DLMS Note: <i>3. Use when this transaction supports shipment of materiel where a specific Serial Number for DoD assigned UII is required. See ADC 1462.</i></p>	Revise DLMS enhancement status to authorize for shipment of materiel where a specific Serial Number is required.

Item	Location	Revision to 4030 945A Materiel Release Advice	Reason
1.	DLMS Introductory Note	<p>Added ADC 1462 to DLMS Introductory note 7:</p> <p>- ADC 1462 Expand Usage of Item Unique Identification (IUID) in the DLMS 940R Supporting Defense Logistics Agency Warehouse Management Functionality</p>	To identify DLMS changes included in the DS
2.	2/LX/1100	<p>Modify existing DLMS Note 3 at segment level:</p> <p>3. Use for UII, SN, and batch/lot number, when this message supports the Retail Supply-Transportation Interface (See DLM 4000.25 Volume 3, Chapter 2) and when required by DoD IUID Supply Policy. Authorized DLMS enhancement. See ADC 1073 and ADC 1462.</p>	To add and clarify the new note.
3.	2/N9/ 1500 2/N9/1200	<p>Modify existing DLMS Notes 2 and 4 at segment level:</p> <p>2 4. When this message supports the Retail Supply-Transportation Interface (See DLM 4000.25 Volume 3, Chapter 2), this transaction supports unique item identification (UII). Pending full transition to DoD IUID Supply Policy using the UII, the Materiel Release Confirmation will be prepared using the UII and the corresponding Serial Number and the batch/lot number when available when required by DoD IUID Supply Policy. Authorized DLMS enhancement. See ADC 1073 and ADC 1462.</p>	Clearly state that the implementation of UII in the 945A is restricted to transactions supporting the shipment of materiel where a specific SN is required

Item	Location	Revision to 4030 945A Materiel Release Advice	Reason
		4. With the exception of the limited implementation authorized by ADC 1073 in support of the Retail Supply-Transportation Interface and ADC 1462 in support of DLA Warehouse Management functionality , the entire 2/N9/1500 segment is a DLMS enhancement. See introductory DLMS note 4a.	
4.	2/N901/1500	<p><u>Add new DLMS Note 4 for and renumber/update existing DLMS Note 4 to DLMS Note 5 at segment level:</u></p> <p>BT Batch Number DLMS Note: 4. Authorized to support of DLA Warehouse Management functionality to provide the batch/lot number, when available. See ADC 1462. 5. Authorized DLMS enhancement. See introductory DLMS note 4a.</p> <p><u>Add new DLMS Note 5 for SE and renumber/update existing DLMS Note 5 to DLMS Note 6 at segment level:</u></p> <p>SE Serial Number DLMS Note: 5. Authorized to support of DLA Warehouse Management functionality to provide the batch/lot number, when available. See ADC 1462. 6. Authorized DLMS enhancement. See introductory DLMS note 4a.</p> <p><u>Add new DLMS Note 4 for and renumber/update existing DLMS Notes 4 and 5 to DLMS Notes 5 and 6 at segment level:</u></p> <p>U3 Unique Supplier Identification Number (USIN) DLMS Note: 4. Authorized to support of DLA Warehouse Management functionality to provide the batch/lot number, when available. See ADC 1462. 5. Authorized DLMS enhancement. See introductory DLMS note 4a. 6. A data maintenance action was approved in version 5020. The approved code/name is UII -Department of Defense Unique Item Identifier.</p>	Revise DLMS enhancement status to authorize for shipment of materiel where a specific SN is required.

Enclosure 2

Update the DLM 4000.25, Volume 3, Chapter 2, Retail Supply and Transportation – Stock Shipments as shown.

Changes are identified in **red bold italics** and strike-through text. Intervening text between updated paragraphs is not shown. Paragraphs will be renumbered as appropriate due to identified revisions.

preceding text not shown

C2.3.2.1.5. Updated Pre-Positioned Release Order. In the event required Ull and/or SN information is not transmitted in the initial DLMS 940R to transportation **or** issuance for testing or release from maintenance **where a specific serial number is required**, an updated DLMS 940R citing the value R at 1/W0502/0200 must be sent prior to sending the materiel to transportation.

Intervening text not shown

Enclosure 3

Update the DLM 4000.25, DLMS, Volume 2, Chapter 4, Requisitioning, as shown.

Changes are identified by ***bold red italics*** and strike-through text. Intervening text between updated paragraphs is not shown. Paragraphs will be renumbered as appropriate due to identified revisions.

preceding text not shown

C4.1.5.10. Materiel Release Denial Transaction is DLMS 945A with Transaction Type Code NK – Materiel Release Denial. ***Must use the ASC X12 Version 4030 as this version allows the Ull to be carried in single data field.*** This transaction provides the functionality of MILSTRIP legacy DIC A6_, except A6J.

Enclosure 4

Update the DLM 4000.25, DLMS, Volume 2, Chapter 5, Status Reporting, as shown.

Changes are identified by ***bold red italics*** and strike-through text. Intervening text between updated paragraphs is not shown. Paragraphs will be renumbered as appropriate due to identified revisions.

preceding text not shown

C5.1.6.2.1.1. When the serial number requested in the 940R Materiel Release Order is not present at the storage site, the MRO will be denied using the Materiel Release Denial (945A with 2/W0611/0200 code NK/ MILSTRIP DIC A6_) response to the requestor referencing the serial number requested and use of Management Code "T", and not subject to inventory quantity adjustments at the storage site. The Materiel Release Order will be processed by Ull and / or serial when there is a match with materiel available in storage business rules outlined in Chapter 16.

Intervening text not shown

Enclosure 5

Update the DLM 4000.25, DLMS, Volume 2, Chapter 16, Disposition Services, as shown. Changes are identified by ***bold red italics*** and strike-through text. Intervening text between updated paragraphs is not shown. Paragraphs will be renumbered as appropriate due to identified revisions.

preceding text not shown

C16.7.8.3.2.1.3.1. When the serial number (SN) requested in the 940R Materiel Release Order is not present at the storage site, the MRO will be denied using the Materiel Release Denial (DLMS 945A with 2/W0611/0200 code NK / MILSTRIP DIC A6_) response to the requestor referencing the SN requested and use of Management Code T, and not subject to inventory quantity adjustments at the storage site. The Materiel Release Order will be processed by Ull and /or serial when there is a match with materiel available in storage Business rules are as follow:

Table C16. T5 Storage Business Rules

<i>Ull</i>	<i>SN</i>	<i>Available in Storage</i>	<i>Action</i>
<i>Yes</i>	<i>Yes</i>	<i>Yes (Ull and SN match)</i>	<i>Process</i>
<i>No</i>	<i>Yes</i>	<i>Yes (SN match only)</i>	<i>Process</i>
<i>Yes</i>	<i>No</i>	<i>No (Only Ull)</i>	<i>Denial</i>
<i>No</i>	<i>No</i>	<i>Yes (no SN/Ull)</i>	<i>Process</i>

C16.7.8.3.2.1.3.2. The MRO will be processed by Ull and /or serial when there is a match with materiel available in storage.

(a) When both Ull and the SN are present and both values match with materiel in storage, the MRO will be fulfilled as requested.

(b) When only the SN is present and there is a match with materiel available in storage, the MRO will be fulfilled as requested.

(c) When only the Ull is present and not the SN, the MRO would be denied.

(d) When no serialization data is provided, the MRO will be processed as requested.

(e) When there is no match with Serialization data provided, the MRO will be denied.

(f) When the SN, NIIN, SCC do not match, the MRO will be denied.

Intervening text not shown

Enclosure 6

Update the DLM 4000.25, DLMS, Volume 2, Chapter 30, Procedures for Serially Managed Materiel Requiring Owner Visibility, as shown.

Changes are identified by ***bold red italics*** and strike-through text. Intervening text between updated paragraphs is not shown. Paragraphs will be renumbered as appropriate due to identified revisions.

preceding text not shown

C30.1.2.15. Materiel Release Confirmation is DLMS 945A with beginning segment (1/W0611/0200) Transaction Type Code NJ – Materiel Release Confirmation ***and Transaction Type Code NK – Materiel Release Denial***. Must use the ASC X12 Version 4030 as this version allows the UII to be carried in single data field.

intervening text not shown

C30.8.2.1. Requisitioning will be in accordance with the procedures contained in Chapter 4. There is no documented requirement for requisitioning of items by SN/UII. Therefore, SN/UII procedures are not applicable to the requisition, requisition modification, MRO, redistribution order, or disposal release order. With the exception of the processes documented in paragraph C30.5.1.9. supporting the intra-Air Force use in the NWRM PIC Fusion Module UIT Registry, ***and the release of specific materiel's for testing or from maintenance where a specific serial number is required***, the MRO and supply status transactions will not include SN/UII.