January 24, 2014

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Approved Defense Logistics Management Standards (DLMS) Change (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)

The attached change to DLM 4000.25, Defense Logistics Management System is approved
for implementation. **Full implementation of the IUID changes supporting the Supply-
Transportation Interface is targeted for December 2015; staggered implementation is
authorized. All Components that use the DLMS 945A Version 4010 should plan to migrate
their applications to use the Version 4030 by 2019.**

Addressees may direct questions to Ms. Ellen Hilert, DOD MILSTRIP Administrator,
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must contact their Component designated Supply PRC representative. .

RICHARD H. FILLMAN JR
Lt Col, USAF
Deputy Director,
Defense Logistics Management
Standards Office

Attachment
As stated

cc:
ODASD(SCI)
IUID Working Group

ATTACHMENT TO 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

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION: DEFENSE Logistics Management Standards Office, ellen.hilert@dla.mil or heidi.daverede@dla.mil

2. FUNCTIONAL AREA/PROCESSES:

3. REFERENCES:

    a. DOD Instruction 4140.01, DOD Supply Chain Materiel Management Policy, December 14, 2011

    b. DOD Regulation 4140.1-R, DOD Supply Chain Materiel Management Regulation, May 23, 2003

    c. DOD Manual 4140.01, DOD Supply Chain Materiel Management Procedures (Draft)

    d. DLM 4000.25, Defense Logistics Management System, Volume 3, Chapter 2

    e. DOD Instruction 8320.04, Item Unique Identification (IUID) Standards for Tangible Personal Property (Draft)

    f. DTR 4500.9-R, Defense Transportation Regulation (DTR), Part II, Cargo Movement

    g. ADC 1030, Implementation of Item Unique Identification (IUID) in the DLMS Shipment Status Supporting DOD IUID Supply Procedures and Associated Supply Discrepancy Report (SDR) Procedures

    h. ADC 399A, Automated Data Capture for Serialized Item Shipments and Preparation of the Issue Release/Receipt Document (IRRD) (DD Form 1348-1A or DD Form 1348-2) Continuation Page, dated January 30, 2013

4. APPROVED CHANGE(S):

    a. <u>Brief Overview of Change</u>:

    (1) This document is one of a series of DLMS changes to define procedures and establish a coordinated implementation for the exchange of IUID data in accordance with DOD IUID Supply Policy.

    (2) This change implements inclusion of the IUID content in the standardized retail supply and transportation interchange for stock shipments (Reference 3.d.) using the DLMS 940R Materiel Release and the DLMS 945A Materiel Release Advice, when the distribution code in those transactions is 111.

(3) This change establishes a new version of the DLMS Implementation Convention (IC) for the 945A, based on ASC X12 Version/Release 4030. This new version must be used for all new implementations of the DLMS 945A and for all existing implementations requiring the inclusion of IUID content. The DLMS 945A (Version/Release 4010) is still authorized for use in existing implementations not requiring the exchange of IUID content.

(4) In accordance with new DLMS naming conventions, previous references to "DLMS Supplements" have been updated to "DLMS Implementation Conventions".

(5) Notes previously identified as "Federal Notes" have been updated as "DLMS Notes".

(6) Significant changes made subsequent to staffing of PDC 1073 are highlighted in GREEN.

b. **Background**: DOD policy is that the Components use the Unique Item Identifier (UII) to enhance life-cycle management of assets and provide more accurate asset valuation, to achieve unqualified audit opinions on the Property, Plant and Equipment and Operating Materials and Supplies Portions of DOD Financial Statements. The UII will serve as a common key in financial, property accountability, acquisition, supply, maintenance and logistics systems.[1]

(1) For an NSN to be managed under the DOD IUID Supply Policy, the item must have a unique item level traceability requirement at some point in its lifecycle. See Reference 3.e. for specific criteria.

(2) The manager of the item, in consultation with its users, determines the requirement for unique item level traceability.

(3) The Federal Logistics Information System (FLIS) will be updated to support a new data field to identify the IUID Indicator. This new data element is a yes/no indicator to provide enterprise-wide visibility of IUID applicability for NSN items. Pending FLIS modernization the IUID Indicator will be made available thru web-services using the Master Data Capability.

(4) IUID benefits the transportation node of the DOD supply chain in a key way.[2] Visibility of UIIs will be available in enterprise tracking systems (e.g., Integrated Data Environment (IDE) / Global Transportation Network (GTN) Convergence (IGC)), by maintaining referential integrity between the document number and its Transportation Control Number (TCN). To simplify order tracking once one or more shipments are made to satisfy a requisition, all shipments, regardless of origin or destination, will be assigned a shipment TCN that is linked to the requisition. As shipments move through the transportation nodes and undergo consolidation or deconsolidation actions, the integrity of the TCN-to-requisition relationship documented in the supply shipment status is maintained. To facilitate customer follow-up with commercial carriers, supply sources using DLMS will provide carrier

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[1] Reference 3.e.
[2] Ibid

identification and the carrier tracking number. The DLMS 856S will identify the UIIs associated with a document number and the TCN under which the document number shipped. The transportation node will continue to transact business at the TCN level. TCN tracking while in transit can be associated back to UIIs through the use of the DLMS 856S Shipment Status. Rather than being the primary link, the UII is a byproduct of the link between the document number and the TCN.

(5) DLM 4000.25, Volume 3, Chapter 2 (Reference 3.d.) documented procedures to implement a standardized interchange between retail transportation and supply through the use of the DLMS 940R Materiel Release and the DLMS 945A Material Release Advice. That standard exchange provides the ability to pre-position release order data in transportation, submit follow-up status messages to transportation requesting updated shipment status, submit cancellation requests to transportation for release orders already turned over to transportation for shipment planning and execution, provide supply status messages from transportation to supply, provide cancellation response messages from transportation to supply, and submit material release confirmation messages from transportation to supply when the material has shipped.

(a) In situations requiring IUID content, the retail transportation management office (e.g., Cargo Movement Operations System) must provide the UIIs associated to the TCN of each shipment unit, using the DLMS 945A Material Release Confirmation (MRC). The retail supply activities will then perpetuate the UIIs in the DLMS 945A MRC to the DLMS 856S.

(b) In the current Air Force ILS-S implementation, the DLMS 940R is sent to the Cargo Movement Operations System (CMOS) when the release order/redistribution order is received and initially processed by the storage activity, prior to the item being picked off the shelf. To ensure that the UIIs and/or serial numbers are sent to CMOS, an additional (updated) DLMS 940R will need to be created and sent, once the items are scanned just prior to delivery to transportation for shipment processing.

(c) Once transportation ships the materiel, the DLMS 945A Materiel Release Confirmation will be sent back to supply, identifying the Transportation Control Numbers assigned and the UIIs and/or serial numbers contained within each individual TCN shipment. This becomes increasingly important when the shipment is partialled, as indicated in record position 16 of the TCN. Multiple DLMS 945As will be required to identify each partial shipment and which UIIs and/or serial numbers are contained with it. This information will enable the supply system to perpetuate the TCN and associated UIIs and/or serial numbers in the DLMS 856S Shipment Status.

(6) ADC 1030 (Reference 3.g.) requires that activities providing DLMS 856S Shipment Status transactions include the UII and/or machine readable serial number when available, on outbound shipment notices where applicable.

c. **Approved Change in Detail:** This ADC addresses inclusion of the UIIs and/or serial numbers for activities operating under the Retail Supply and Transportation Interchange when the FLIS IUID Indicator for a specific NSN is Y, and the Distribution Code is 111. When

including UIIs and/or serial numbers, this interchange can only be transacted within the DLMS; there is no MILS capability to include the UII and/or serial numbers.

(1) Retail storage activities will include the UIIs and/or the serial numbers in the DLMS 940R Materiel Release Order/Disposal Release Order/Redistribution Order transactions sent to transportation.

(a) When the UIIs are not available in the initial DLMS 940R sent to transportation, then an updated DLMS 940R must be sent as soon as the UIIs are scanned prior to sending the materiel to transportation.

(b) The updated DLMS 940R will cite the value R in the 1/W0502/200 identifying the transaction as an update to the original for the purposes of providing updated IUID data content.

(2) Retail transportation activities will include the UIIs and/or the serial numbers in the DLMS 945A Materiel Release Confirmation.

(3) Retail supply activities will include in the DLMS 856S the UIIs and/or the serial numbers from the DLMS 945A MRC received from transportation.

(4) Multiple Freight Piece Shipments: Per ADC 1030 (Reference 3.g.), when a shipment contains IUID content and is shipped in multiple freight pieces, shippers are NOT authorized to execute the movement of the shipment using multiple freight piece procedures (e.g., citing the same TCN for all boxes). Those shipments must be "partialled" by using the 16th position of the TCN to uniquely identify each freight piece. A separate DLMS 945A MRC and DLMS 856S Shipment Status will be transmitted for each document number – partial TCN pair, identifying the contents of each freight piece, to include pRFID tag(s) and UII(s) and/or serial numbers.

d. **Revisions to DLM 4000.25 Manuals**:

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

(2) Establish a new DLMS IC 945A Materiel Release Advice using the X12 Version 4030 standard. This new IC includes all data content and functionality available in the DLMS IC 945A Version 4010, as well as the changes identified in this ADC. See Enclosure 2.

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

(4) Update the DLMS IC 945A, Version 4010 to add W2706 at location 2/W27/075. The X12 semantic note referenced in Table 1 has always applied to the 945 Transaction Set, but was overlooked in previous releases of the DLMS 945A.

Table 1, Administrative Update to DLMS 945A Materiel Release Advice, Version 4010

#	Location	Revision to 4010 945A, Material Release Advice	Reason for Change
1.	DLMS Introductory Note	Insert new DLMS Introductory Note 6 and renumber existing note to Note 7: *- All new development and significant enhancements to the DLMS 945A must use the 4030 version of the DLMS Implementation Convention. The 4010 version of the DLMS 945A will be phased out in 2019, to correspond with the deadline for full DLMS compliance per the OSD AT&L Strategy.*	Announce plans to sunset the Version 4010 DLMS 945A Implementation Convention.
2.	DLMS Introductory Note	Add ADC 1073 to DLMS Introductory Note 7: *- 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*	Identifies DLMS changes included in the DLMS IC.
3.	2/W2706/075	Open W2706 and add Associated DLMS Notes: *DLMS Notes:* *1. Use Code Z in this data element to meet mandatory X12 semantic note requirement when W2701 = G or R.* *2. See ADC 1073.*	To satisfy X12 semantic note: W2706 is required when W2701 equals G or R.

    e. Transaction Flows: No changes to transaction flow are required.

    f. Alternatives: None identified.

  5. REASON FOR CHANGE: Supports the implementation of the DOD IUID Supply Policy. This change documents implementation of the UII requirements within the DLMS 940R Material Release/945A Materiel Release Advise exchange when Distribution Code 111 applies. The maximum length attribute for the N902 is extended to 50 characters in the 945A ASC X12 version 4030; thereby accommodating the maximum length of a UII, without having to split the value across the N902/N903, as is currently documented in the 945A ASC X12 version 4010.

6. ADVANTAGES AND DISADVANTAGES:

a. Advantages: Providing the UII in the Retail Transportation and Supply Interchange will enable the supply source to provide the UII and/or serial number data in the 856S Shipment Status as required under DOD IUID Supply Policy (Reference 3.f).

b. Disadvantages: None identified.

7. ASSUMPTIONS USED OR WILL BE USED IN THE CHANGE OR NEW DEVELOPMENT:

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

b. As of December 2013, the IUID indicator is available in the DLA Logistics Information System Master Data Capability (MDC), and in 2017 the reengineered FLIS will incorporate the IUID indicator. This will require Components to initially modify systems to access the IUID indicator in the MDC, and later obtain the IUID Indicator through a standard cataloging interface when the redesigned FLIS is operational.

c. This ADC changes the policy currently in place for Unique Item Tracking (UIT) by formalizing the inclusion of the UII in the Materiel Release/Materiel Release Advice interchange, when executing the retail transportation and supply interfaces (distribution code = 111) documented in DLM 4000.25, Volume 3, Chapter 2.

8. ADDITIONAL FUNCTIONAL REQUIREMENTS:
It is possible to expand the available information contained in the IUID loop in association with the UII and serial number, so that more information about a particular item can be communicated. During staffing of ADC 1030 (see Reference 3.g.), Services/Agencies were asked to consider this opportunity to formally add the batch/lot number to the information within the loop as a mechanism to tie together specific items with their associated batch/lot number when this would be appropriate operationally. This would supplement the capability to identify the batch/lot number(s) applicable to the shipment independent of the specific item identification. The capability is currently identified in the DLMS 856S as a DLMS enhancement. ADC 399A (see Reference 3.h.) authorized a comparable capability to include the batch/lot numbers in the "envelope" used to retain a relationship between a UII and its associated serial number in the bar coded data provided for serialized item shipments on the Issue Release/Receipt Document (IRRD) (DD Form 1348-1A or DD Form 1348-2).

9. ESTIMATED TIME LINE/IMPLEMENTATION TARGET:

a. Supply systems implementing the IUID requirement in this ADC using the interface with the Air Force Cargo Movement Operations System (CMOS) must coordinate testing with the CMOS Program Office prior to implementation; staggered implementation is authorized after December 2014, with full implementation targeted for December 2017.

b. All Components that use the DLMS 945A Version 4010 should plan to migrate their applications to use the Version 4030 by 2019. Staggered implementation is authorized.

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

11. IMPACT:

    c. New DLMS Data Elements: There are no new DLMS data elements required.

    d. Changes to DLMS Data Elements: There are no changes to existing DLMS data elements for this change.

    e. Component Automated Information Systems:

        (1) Systems exchanging DLMS 940R/945A under the Retail Transportation and Supply Receipt and Acknowledgement process when Distribution Code 111 applies will need to update their systems to generate and receive the 4030 version of the 945A.

        (2) Systems deploying new implementations of the DLMS 945A should use the 4030 version.

    f. DLA Transaction Services:

        (1) Develop a new map for the DLMS 945A Version 4030.

        (2) Update the maps for the DLMS 945A Version 4010 for semantic correction identified in Table 1 paragraph 4.d.(4) of this DLMS change.

        (3) Update the map for the DLMS 940R Version 4030 based on the changes identified in Enclosure 1 of this DLMS change.

    g. Non-DLA Logistics Management Standards Publications: Components that have systems involved in the Transportation and Supply Receipt and Acknowledgement process will need to ensure that any Component-specific documentation, manuals, and policies are updated in accordance with this ADC. Components will update local procedures as necessary.

Enclosure 1, Updates to DLMS 940R Materiel Release

#	Location	Revision to 4030 940R, Material Release	Reason for Change
1.	DLMS Introductory Note	Add ADC 1073 to DLMS Introductory Note 6: *- 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*	To identify changes in the DLMS IC.
2.	Throughout DLMS IC	Revise notes to reflect updated terminology as follows: From UID (Unique Identification) to *IUID (Item Unique Identification)*.	Administrative change to update terminology.
3.	1/W0502/ 0200	Move Federal note to a DLMS note and add new DLMS note: **W0502 Depositor Order Number** ~~**Federal** Note: Use Code "Z" for this data element to meet mandatory X12 syntax requirements.~~ **DLMS Note:** *1. When this transaction supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange (See DLM 4000.25, Volume 3, Chapter 2) and is passing corrected IUID data content (e.g., UII, serial number, batch/lot number), use Code R to indicate that this is an updated transaction to a previously submitted 940R. Used in conjunction with a distribution code = 111. DLMS enhancement; see introductory note 4.f. Refer to ADC 1073.* *2. For all other uses of this transaction, use Code Z for this data element to meet mandatory X12 syntax requirements.*	Add capability to provide an updated DLMS 940R in support of implementation of UII in the 940R when supporting the Retail Supply-Transportation Interface procedures in DLM 4000.25 Volume 3, Chapter 2.
4.	2/N9/1500	Add new DLMS Note 4 and renumber/update existing DLMS Note 4 to DLMS Note 5 at segment level: **4.** *When this message supports the Retail Supply-Transportation Interface (See DLM 4000.25 Volume 3, Chapter 2), 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 1073.* **5.** *With the exception of the limited implementation authorized by ADC 1073 in support of the Retail Supply-Transportation Interface, the* entire 2/N9/1500 segment is a DLMS enhancement. See introductory DLMS note 4a.	Clearly state that the implementation of UII in the 940R is restricted to transactions supporting the Retail Supply-Transportation Interface procedures in DLM 4000.25 Volume 3, Chapter 2.

#	Location	Revision to 4030 940R, Material Release	Reason for Change
5.	2/N901/1500	Delete Federal Note and add new DLMS Note 1 and renumber existing note as DLMS Note 2 at data element level: ~~Federal Note: Use any code~~. **DLMS Note:** 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.* **2.** For DLMS use, only the following codes are authorized.	Clarifies intended use to support DoD IUID Supply Policy.

#	Location	Revision to 4030 940R, Material Release	Reason for Change
6.	2/N901/1500	Modify DLMS Notes for BT, SE and U3 **BT Batch Number** **DLMS Note:** 1. Use to identify the manufacturer's batch/lot number or other number identifying the production run. The batch/lot number may not exceed 20 characters in accordance with IUID policy. ***2. Use when this transaction supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange interface with CMOS to provide the batch/lot number, when available. A maximum of 60 items may be identified for this interface. See ADC 1073.*** **SE Serial Number** **DLMS Note:** 1. Use to identify the serial number. ~~The serial number may not exceed 30 characters in accordance with IUID policy.~~ 2. Use when this transaction supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange ~~SBSS~~ interface with CMOS to provide the serial number ~~under PIC NWRM UIT program~~. Serial number may be used alone for legacy items when UII is not assigned, otherwise use two occurrences of this segment to identify both the serial number and the UII. A maximum of 60 items may be identified for this interface. ***See ADC 1073.*** **U3 Unique Supplier Identification Number (USIN)** **DLMS Note:** 1. Use to identify the UII. ~~The UII may not exceed 50 characters in accordance with IUID policy.~~ A data maintenance action was approved in version 5020. The approved code/name is ***UII –*** "Department of Defense Unique Item Identifier". 2. Use when this transaction supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange ~~SBSS~~ interface with CMOS to provide the UII ~~under PIC NWRM UIT program~~. A maximum of 60 items may be identified for this interface. ***See ADC 1073.***	Revise DLMS enhancement status to authorize for implementation by modernized systems under DLMS migration.

Enclosure 2, New DLMS IC Version 4030 945A Materiel Release Advice

Changes from Version 4010 to 4030 are highlighted in YELLOW

945

Warehouse Shipping Advice

Functional Group=SW

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Shipping Advice Transaction Set (945) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by the warehouse to advise the depositor that shipment was made. It is used to reconcile order quantities with shipment quantities.

DLMS Note:

1. DoD distinguishes between materiel release confirmation, historical materiel release confirmation, materiel release denial, historical materiel release denial, materiel release advice, materiel release cancellation advice, lateral redistribution order (LRO) advice under Total Asset Visibility (TAV) procedures, historical materiel release cancellation advice, disposal release confirmation, historical disposal release confirmation, disposal release denial, historical disposal release denial, disposal release advice, disposal release cancellation advice, and historical disposal release cancellation advice transactions.

2. This transaction also accommodates the functionality for serial/lot number reporting transactions (based on non-MILSTRIP Document Identifier Code (DIC) BG1/BG2 published by NAVSUP P-724). This transaction may be used to provide Unique Item Identification (UII) when reporting under the standardized retail supply and transportation interchange for stock shipments as documented in DLM 4000.25 Volume 3. Refer to the IUID web at URL: http://www.acq.osd.mil/dpap/sitemap.html for DoD policy.

3. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table, Transportation Mode of Shipment Conversion Table, and the Accounting Classification Appendix which can be found on the DLA Logistics Management Standards Web site at www.dla.mil/j-6/dlmso.

4. This DLMS implementation convention (IC) contains:

a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with DLA Logistics Management Standards prior to use.

b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with DLA Logistics Management Standards prior to use.

c. Legacy MILSTRIP data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed legacy MILSTRIP-DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLA Logistics Management Standards for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.

d. Data elements which have an expanded field size above existing legacy MILSTRIP capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLA Logistics Management Standards prior to use.

e. Data associated with a DLMS enhancement authorized for implementation by modernized systems under DLMS migration. This data (including expanded field sizes) should be adopted during, or subsequent, to modernization when applicable to the Component's business process. Prior coordination is not required. Components should ensure that inclusion of this data in a DLMS transaction does not cause inappropriate rejection of the transaction.

f. Data required to accommodate a Component-unique transaction requirement. Data does not apply to legacy MILSTRIP transactions.

5. 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/sitemap.html for DoD policy and business rules.

6. All new development and significant enhancements to the DLMS 945A must use the 4030 version of the DLMS Implementation Convention. The 4010 version of the DLMS 945A will be phased out in 2019, to correspond with the deadline for full DLMS compliance per the OSD AT&L Strategy.

7. This DLMS IC incorporates the following Proposed DLMS Change (PDC) and Approved DLMS Changes (ADC) listed. PDC/ADCs are available from the DLA Logistics Management Standards Web site: http://www.dla.mil/j-6/dlmso/elibrary/Changes/processchanges.asp

- ADC 48, Material Release Order and Material Release Advice
- ADC 48C, Addendum for Revision to DS 945A, Material Release Advice
- ADC 48D, Addendum for Revision to DS 945A, Material Release Advice
- ADC 48E, Addendum for Revision to DS 945A, Material Release Advice
- ADC 76, Air Force Unique Management Coding for NMC/MICAP
- ADC 77, Air Force Unique Management Coding for Materiel Management Aggregation Code (MMAC)
- ADC 121, Revision to DLMS Mapping for Disposal Shipment Confirmation to DS 945A, Material Release Advice (ASZ transaction mapping)
- ADC 161, Administrative Revision to DS 945A, Material Release Advice, to add Advice Code
- ADC 165, Optional Capability for Sending Information Copy of DLMS IC 856, 856S, 861, 867I, 870M, 945A, and 947I to a Component Unique Item Tracking (UIT) Registry (Supply)
- ADC 169, Inclusion of Data Supporting UID of Items in DLMS Requisition and Material Release Processes
- ADC 191, Management Codes on Supply Status Transaction
- ADC 197, Request for New Type of Physical Inventory/Transaction History Code and Add Code to Historical Transactions (DS 527R, 867I, 940R, 945A)
- ADC 205A, Assignment of MILSTRIP Document Number Serial Number RP 40/DLMS Utilization Code M for BRAC
- ADC 214, Revision to DS 945A Material Release Advice and 947I, Inventory Adjustment to Add Assemblage Identification Number, Build Directive Number, and Administrative Updates
- ADC 221, Communication of Unit Price and Total Price under DLMS
- ADC 221A, Revised Procedures associated with the DLMS Enhancement for Communication of Unit Price
- ADC 253, DLMS Material Release Confirmation Enhancements: Secondary Transportation Number, Carrier Identification, and POE
- ADC 284, Revisions to DLMS ICs to Add Shop Service Center (SSC) for BRAC Inventory Management and Stock Positioning (IMSP)
- ADC 284A, Revisions to DLMS ICs to Add Shop Service Center (SSC) for BRAC Inventory Management and Stock Positioning (IMSP)
- ADC 316, Transportation Supply Receipt and Acknowledgement
- Approved Addendum to ADC 316B, New Distribution Code (111) for Retail Transportation and Supply Receipt and Acknowledgement Interchange Transactions (940R and 945A)
- Approved Addendum to ADC 316C, Revise DLMS IC945A Material Release Advice to Support Unique Item Tracking (UIT) for Air Force Positive Inventory Control (PIC) Nuclear Weapons Related Material (NWRM) under the Retail Transportation and Supply Receipt and Acknowledgement Interchange (Distribution Code of 111)
- Approved Addendum to ADC 316D, Air Force-Unique DIC Mappings to 940R under the Retail Transportation and Supply Receipt and Acknowledgement Transactions
- ADC 344, Revised DLMS Shipment Status (856S) in Support of Navy Enterprise Resource Program (ERP) and Commercial Asset Visibility II (CAV II) Systems and Carrier Name Field Length in Material Release Advice (945A) (Supply)
- ADC 347, Revise DLMS IC) 527R Receipt, 867I Issue, 945A Materiel Release Advice, and 947I Inventory Adjustment to Support Unique Item Tracking for Air Force Positive Inventory Control (PIC)
- Withdrawal of Approved MILSTRAP/MILSTRIP Change Letter (AMCL) 5 and 13, Date Packed/Expiration for Subsistence Items (Staffed by PMCLs 3) (Supply/MILSTRIP/MILSTRAP)
- ADC 373, Document Process for Material Control Tracking (MCT) Tag Number and Revise DLMS 527D, 527R, 940R, and 945A in Support of BRAC SS&D/IMSP (Supply)
- ADC 381, Procedures and Additional Data Content supporting Requisitions, Requisition Alerts, and Unit of Use Requirements under Navy BRAC SS&D/IMSP
- Approved Addendum ADC 381A, Procedures and Additional Data Content supporting Unit of Use Requirements under Marine Corps BRAC Storage and Distribution
- ADC 396, Revised Procedures and Data Content for DLMS Materiel Release Order (940R) and Material Release Advice (945A) and New Denial Management Code for Marine Corps BRAC
- ADC 405, DLMS Mapping for Air Force Unique Transactions Used between Air Force Locations and Expeditionary Combat Support System (ECSS)
- ADC 411, Update Functionality for DS 856S Shipment Status and DS 945A Material Release Advice
- ADC 435, DLMS Revisions for SFIS Compliance
- ADC 436, Administrative Revisions to DLMS ICs to Remove Obsolete Routing Identifier Code (RIC) "Streamline" Notes and Update MILSTRIP/DLMS Documentation Associated with Routing Identifiers
- ADC 449, Intra-DLA Revisions to the DLMS 945A, Materiel Release Advice, Cancellation Reason Code, Management Codes, and Associated Procedures under Reutilization Business Integration (RBI)
- ADC 466, Revised Procedures to Support Requisitioning and Transaction Exchange associated with DLA Disposition Services under Reutilization Business Integration (RBI)
- ADC 1020, Inter-Service Ownership Transfer of Ammunition/ Ammunition Related Materiel
- ADC 1034B, Administrative Correction to DLMS 945A, Materiel Release Advice, Cancellation Reason Code for Redistribution Orders

Associated with DLA Disposition Services under Reutilization Business Integration (RBI)
- ADC 1040, Migrate Inter-Service Ammunition Serial Number and Lot Number Transactions (NAVSUP P- 724 DIC BG1/BG2) to DLMS 945A, Materiel Release Advice
- ADC 1043, DLMS Revisions for Department of Defense (DOD) Standard Line of Accounting (SLOA)/Accounting Classification
- ADC 1055, Add Cargo Movement Operations System (CMOS) Transportation In-checker Identification Information to the DLMS 945A Materiel Release Advice in Support of the Retail Supply and Transportation Interchange
- 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

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	W06	Warehouse Shipment Identification	M	1			Must use
LOOP ID - 0100					**10**		
0400	N1	Name	M	1			Must use
* 0500	N2	Additional Name Information	O	1			Not Used
* 0600	N3	Address Information	O	2			Not Used
* 0700	N4	Geographic Location	O	1			Not Used
0800	PER	Administrative Communications Contact	O	5			Used
* 0900	N9	Reference Identification	O	10			Not Used
* 1000	G61	Contact	O	3			Not Used
1100	G62	Date/Time	O	5			Must use
* 1200	NTE	Note/Special Instruction	O	20			Not Used
* 1300	W27	Carrier Detail	O	1			Not Used
* 1350	W6	Special Handling Information	O	1			Not Used
* 1400	W28	Consolidation Information	O	1			Not Used
* 1500	W10	Warehouse Additional Carrier Information	O	10			Not Used
* 1550	G72	Allowance or Charge	O	5			Not Used
* LOOP ID - 0200					**10**		
* 1600	LM	Code Source Information	O	1			Not Used
* 1700	LQ	Industry Code	M	100			Not Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0300					**>1**		
0050	LX	Assigned Number	O	1			Used
* 0100	MAN	Marks and Numbers	O	>1			Not Used
* 0150	PAL	Pallet Information	O	1			Not Used
* 0170	N9	Reference Identification	O	5			Not Used
LOOP ID - 0310					**>1**		
0200	W12	Warehouse Item Detail	O	1			Must use
* 0300	G69	Line Item Detail - Description	O	5			Not Used
0400	N9	Reference Identification	O	200			Must use
0500	G62	Date/Time	O	10			Used
0550	QTY	Quantity	O	10			Must use
* 0570	MEA	Measurements	O	5			Not Used
0600	AMT	Monetary Amount	O	1			Used
* 0700	R4	Port or Terminal	O	5			Not Used
0750	W27	Carrier Detail	O	1			Used
0800	N1	Name	O	5			Must use
* 0850	G72	Allowance or Charge	O	5			Not Used

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
DLM 4000.25

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0311					**10**		
0900	LM	Code Source Information	O	1			Must use
1000	LQ	Industry Code	M	100			Must use
LOOP ID - LS					**1**		
1050	LS	Loop Header	O	1			Used
LOOP ID - 0312					**>1**	**N2/1100L**	
1100	LX	Assigned Number	O	1		N2/1100	Used
1200	N9	Reference Identification	O	>1			Used
1300	G62	Date/Time	O	10			Used
1400	N1	Name	O	1			Used
* LOOP ID - 0313					**10**		
* 1500	LM	Code Source Information	O	1			Not Used
* 1600	LQ	Industry Code	M	100			Not Used
1650	LE	Loop Trailer	M	1			Used
LOOP ID - 0314					**>1**		
1700	FA1	Type of Financial Accounting Data	O	1			Used
1800	FA2	Accounting Data	M	>1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* 0100	W03	Total Shipment Information	O	1			Not Used
0200	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/1100L   The LX loop conveys serial number data.

2/1100   The LX loop conveys serial number data.

ST	Transaction Set Header	**Pos: 0100** **Max: 1**
		Heading - Mandatory
		Loop: N/A **Elements: 3**

User Option (Usage): Must use
Purpose: To indicate the start of a transaction set and to assign a control number

Semantics:
1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

Code	Name
945	Warehouse Shipping Advice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set
DLMS Note: *A unique number assigned by the originator of the transaction set, or the originator's application program.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST03	1705	**Implementation Convention Reference**	O	AN	1/35	Used

Description: Reference assigned to identify Implementation Convention
DLMS Note: *Use to indicate this transmission uses the DLMS IC 945A. Enter the DLMS IC (e.g.,004030F945A0AA00).*

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 <mark>and 1073</mark>
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W06	Warehouse Shipment Identification	**Pos: 0200** **Max: 1** **Heading - Mandatory** **Loop: N/A** **Elements: 5**

User Option (Usage): Must use
Purpose: To provide identifying numbers, dates, and other basic data for this transaction set

Syntax Rules:
    1. P0708 - If either W0607 or W0608 is present, then the other is required.

Semantics:
    1. W0603 is the actual date on which shipment was made.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0601	514	**Reporting Code**	M	ID	1/1	Must use

    Description: Code specifying the basis used when reporting shipment information

Code	Name
J	Original Transaction
K	Simulation Exercise

    DLMS Note:
    Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

Code	Name
Z	Mutually Defined

    DLMS Note:

    1. Use to identify the Unit of Use Indicator. When included, the quantity and unit of measure values associated with this transaction are applicable to the unit of use.

    2. Authorized DLMS enhancement under DLA industrial activity sup-port agreement. Refer to ADC 381.

    3. Authorized DLMS enhancement for DLA Disposition Services. Refer to ADC 449.

    4. At this time a local code Z is established for use in 945A, <mark>version 4030.</mark> A data maintenance action will be submitted for establishment of Z – 'Mutually Defined' in a future version.

W0602	285	**Depositor Order Number**	O	AN	1/22	Used

    Description: Identifying number for warehouse shipping order assigned by the depositor
    DLMS Note: *1. Use code RR to indicate this is a replacement transaction to a previously submitted 945A. Refer to ADC 411.*

    2. DLMS enhancement; see introductory DLMS Note 2e.

W0610	891	**Shipping Date Change Reason Code**	O	ID	2/2	Used

    Description: Code informing a depositor why shipment of an order was delayed

Code	Name
13	Shipping Location Handling

    DLMS Note:

1. Required in conjunction with W0602 = RR to indicate the updated MRC corrects erroneous content data (e.g., transportation data, pRFID data). Refer to ADC 411.

2. DLMS enhancement; see introductory DLMS Note 2e.

W0611	640	**Transaction Type Code**	O	ID	2/2	Must use

Description: Code specifying the type of transaction

Code	Name
AZ	Disposal Shipment Advice

DLMS Note:

The shipping activity may use to provide confirmation of a disposal shipment to the DRMS. (This corresponds to the MILSTRIP Document Identifier Code (DIC) ASZ.)

An ANSI data maintenance action will be taken to properly align the code AZ with the correct name, "Disposal Shipment Confirmation," for use in a future version/release.

DS	Disposition

DLMS Note:

Use to provide LRO advice under TAV procedures. Use with 2/N901/40 Code 87 to identify LRO for consumable or reparable materiel. (This corresponds to MILSTRIP DIC AE6 with Distribution Code 2 or 3.)

NJ	Material Release Confirmation

DLMS Note:

1. Use to provide confirmation on a materiel release order. (This corresponds to MILSTRIP DIC ARA, ARB, AR0, AUA, AUB, or AU0.)

2. Use to identify Redistribution Order Shipment Confirmation. This transaction provides shipment details from an internal AF storage location or an AF base retail activity to the AF ICP (Equates to DIC BL0). Authorized DLMS migration enhancement in support of ECSS. Refer to ADC 405.

NK	Material Release Denial

DLMS Note:

1. Use to provide denial (warehouse refusal) information on a materiel release order. (This corresponds to MILSTRIP DIC A6_, except A6J)

2. Use to identify RDO Shipment Denial. This transaction provides shipment denial response from an internal AF storage location or an AF base retail activity to the AF ICP (Equates to DIC B7A). Authorized DLMS migration enhancement in support of ECSS. Refer to ADC 405.

NL	Material Release Advice

DLMS Note:

1. Use to provide supply status on a materiel release order. (This corresponds to MILSTRIP DIC AE6.)

2. For supply status on a materiel release order by a transportation system to a retail supply system regarding multi-packs or assemblages (e.g., medical), status will be done at the lead document number (for multi-packs) and Assemblage Identification Number, AIN, (for assemblies). For single line materiel release orders, the status will be at the document number level. DLMS enhancement; see introductory DLMS note 4e.

NM	Disposal Release Confirmation

DLMS Note:

Use to provide confirmation on a disposal release order. (This corresponds to MILSTRIP DIC ARJ, ARK, or ARL)

NO	Notice

DLMS Note:

Use to identify a self-initiated supply status message provided by transportation to report cargo processing status (incheck or hold) prior to materiel release confirmation. This is not to be used for normal supply status messages in response to follow-up requests.

NP	Disposal Release Denial

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
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> **DLMS Note:**
> *Use to provide denial (warehouse refusal) information on a disposal release order. (This corresponds to MILSTRIP DIC A6J)*

NQ   Disposal Release Advice

> **DLMS Note:**
> *1. Use to provide supply status to the ICP on a disposal release order (This corresponds to MILSTRIP DIC AEJ.)*
>
> *An ANSI data maintenance action will be taken to properly align the code NQ with the correct name, "Disposal Shipment Advice," for use in a future version/release.*
>
> *2. For supply status on a disposal release order by a transportation system to a retail supply system regarding multi-packs or assemblages (e.g., medical), status will be done at the lead document number (for multi-packs) and Assemblage Identification Number (for assemblies). For single line disposal release orders, the status will be at the document number level. DLMS enhancement; see introductory DLMS note 4e.*

NR   Material Release Cancellation Advice

> **DLMS Note:**
> *1. Use to provide status taken on a request to cancel a materiel release order. (This corresponds to MILSTRIP DIC AG6).*
>
> *2. For DLA Disposition Services, cancellation advice may be provided with no prior Materiel Release Cancellation (940R).*

NT   Disposal Release Cancellation Advice

> **DLMS Note:**
> *Use to provide status taken on a request to cancel a disposal release order. (This corresponds to MILSTRIP DIC AGJ)*

W0612	306	**Action Code**	O	ID	1/2	Used

Description: Code indicating type of action

Code	**Name**
A6	Modified

> **DLMS Note:**
> *1. Only use when this message supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange (See DLM 4000.25, Volume 3, Chapter 2).*
>
> *2. Applies to solicited and unsolicited materiel release inquiry (AE6)/disposal shipment inquiry (AEJ) in support of supply status and cancellation responses, materiel release and disposal release confirmations, except for multi-pack and assemblage processing as defined for W0507=CN or ME.*
>
> *3. Used in conjunction with a distribution code = 111.*
>
> *4. DLMS enhancement; see introductory DLMS note 4f.*

CN   Consolidated

> **DLMS Note:**
> *1. Only use when this message supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange (See DLM 4000.25, Volume 3, Chapter 2).*
>
> *2. Use to advise that this message is a status response in support of multi-pack processing. The N9/0040 is authorized for use to identify the lead document number for the multi-pack. No looping of the W12 subloop (Loop ID – 0310) is required for multi-pack contents; if the shipment is partialled, then the W12 loop shall be repeated to document each partial TCN.*
>
> *3. Used in conjunction with a distribution code = 111.*
>
> *4. Cancellation responses for multipacks shall be at the single line level.*

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
DLM 4000.25

5. DLMS enhancement; see introductory DLMS note 4f.

FI   File

DLMS Note:

1. Use to identify an image transaction provided for information.

2. Authorized for Air Force and DSS use with PIC NWRM UIT, except when the distribution code = 111 and the message supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange (See DLM4000.25, Volume 3, Chapter 2). Use with W0611 Code NJ, NK, and Code NM to identify a materiel or disposal release confirmation and materiel release denial image transactions where the original transaction has bypassed the normal DAAS transaction flow. All transaction set recipients must use extreme caution to ensure that individual transactions with this code do not process as action documents which affect accountable records. Must use with 2/N101/0800 code KK and 2/N106/0800 code PK. There will be no 2/N106/0800 code TO for this transaction. Refer to ADC 347.

3. Authorized to be used in association with intra-Army transaction processing to identify an internal Materiel Release Advice image. Refer to ADC 1020.

ME   Merge

DLMS Note:

1. Only use when this message supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange (See DLM 4000.25, Volume 3, Chapter 2).

2. Use to advise that this message is a status response in support of assemblage (e.g., medical) processing. The N9/0040 is authorized for use to identify the Assemblage Identification Number for the assemblage. No looping of the W12 subloop (Loop ID – 0310) is required for assemblage contents; if the shipment is partialled, then the W12 loop shall be repeated to document each partial TCN.

3. Used in conjunction with a distribution code = 111.

4. Cancellation responses for assemblages (e.g., medical) shall be at the AIN level.

5. DLMS enhancement; see introductory DLMS note 4f.

W1   Reconcile Historical Records

DLMS Note:

Use only with W0611 codes NJ, NK, NM, NP, NR, and NT to indicate the submission of historical information on previously reported transactions.

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
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N1		Name			Pos: 0400 Max: 1 Heading - Mandatory Loop: 0100 Elements: 4

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Syntax Rules:
1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:
1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

DLMS Note:
Must use this 1/N1/040 loop to identify the organization originating the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual
DLMS Note: *For DLMS use, only the following codes are authorized.*

Code	Name
GP	Gateway Provider

DLMS Note:
Future streamlined data needed for transition period to support transaction conversion in a mixed legacy MILSTRIP-DLMS environment. Use to identify DAAS as originator during conversion when the MILSTRIP transaction does not contain a "From" organization.

LG	Location of Goods

DLMS Note:
Use for LRO advice to identify the alternative supply source originating the transaction set.

SB	Storage Area

DLMS Note:
Use to identify the activity originating the transaction set.

WL	Wholesaler

DLMS Note:
Use for lateral redistribution of non-Integrated Materiel Manager (IMM) or Primary Inventory Control Activity (PICA) owned materiel, to identify the materiel owner originating the transaction set under single stock fund concept.

N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use

Description: Code designating the system/method of code structure used for Identification Code (67)

Code	Name
1	D-U-N-S Number, Dun & Bradstreet

DLMS Note:
DLMS enhancement; see introductory DLMS note 4a.

9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix

DLMS Note:
DLMS enhancement; see introductory DLMS note 4a.

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ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
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	10	Department of Defense Activity Address Code (DODAAC)				
		DLMS Note:				
		DLMS enhancement; see introductory DLMS note 4a.				
	M4	Department of Defense Routing Identifier Code (RIC)				
N104	67	**Identification Code**	X	AN	2/80	Must use
		Description: Code identifying a party or other code				
N106	98	**Entity Identifier Code**	O	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				

Code	Name
FR	Message From

DLMS Note:
Must use to indicate the organization cited in N104 is originating the transaction set.

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 <mark>and 1073</mark>
DLM 4000.25

PER	Administrative Communications Contact	**Pos: 0800**	**Max: 5**
		Heading - Optional	
		Loop: 0100	**Elements: 9**

User Option (Usage): Used
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Rules:
1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

DLMS Note:

1. Only use when this transaction supports the Retail Supply and Transportation Receipt and Acknowledgement Interchange (See DLM 4000.25, Volume 3, Chapter 2).

2. Used in conjunction with a distribution code = 111.

3. May use up to two repetitions of the PER Segment to provide all applicable contact information. Repeat the PER01-PER02 in the second repetition to satisfy syntax requirements.

4. DLMS enhancement; see introductory DLMS note 4e.

5. See ADC 1055.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

Code	Name
SH	Shipper Contact

DLMS Note:

1. Use to identify the transportation in-checker.

2. DLMS enhancement; see introductory DLMS note 4e.

3. See ADC 1055.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER02	93	**Name**	O	AN	1/60	Used

Description: Free-form name
DLMS Note: *1. Identify transportation in-checker full name in First Name Middle Initial Last Name sequence, without any special characters (e.g., period, commas, and apostrophe). If there is no middle initial, insert NMN in place of the middle initial.*

2. DLMS enhancement; see introductory DLMS note 4e.

3. See ADC 1055.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number
DLMS Note: *1. Use to identify the preferred method*

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ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
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of communication in the first repetition. If necessary, use PER05/6 and PER07/8 to identify additional communication numbers. If necessary, use an additional repetition of the PER segment to identify the email address and fax numbers (commercial and DSN).

2. Do not include blank spaces, dashes or parentheses between numbers.

3. DLMS enhancement; see introductory DLMS note 4e.

4. See ADC 1055.

Code	Name
EM	Electronic Mail

DLMS Note:
Use in second repetition of the PER to identify the applicable email address.

Code	Name
TE	Telephone

DLMS Note:
Use to identify the commercial telephone. Include the area code, number and extension, if applicable.

PER04	364	**Communication Number**	X	AN	1/256	Used

Description: Complete communications number including country or area code when applicable

PER05	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number

DLMS Note: *1. Use to identify an alternate, or secondary, communication number that can be used to contact the specified POC. If not used, leave blank.*

2. Do not include blank spaces, dashes, or parentheses between numbers.

3. DLMS enhancement; see introductory DLMS note 4e.

4. See ADC 1055.

Code	Name
AU	Defense Switched Network

DLMS Note:
Use to identify the DSN telephone number and extension, if applicable.

Code	Name
FX	Facsimile

DLMS Note:
Use in second repetition of the PER to identify the applicable commercial FAX number.

PER06	364	**Communication Number**	X	AN	1/256	Used

Description: Complete communications number including country or area code when applicable

PER07	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number
DLMS Note: *1. Use to identify an alternate, or*

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
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secondary, communication number that can be used to contact the specified POC. If not use, leave blank.

2. Do not include blank spaces, dashes, or parentheses between numbers.

3. DLMS enhancement; see introductory DLMS note 4e.

4. See ADC 1055.

Code	Name
IT	International Telephone

DLMS Note:
   Include country and city code.

WF	Work Facsimile Number

DLMS Note:
   Use in second repetition of the PER to identify the applicable DSN FAX number.

PER08	364	**Communication Number**	X	AN	1/256	Used

Description: Complete communications number including country or area code when applicable

PER09	443	**Contact Inquiry Reference**	O	AN	1/20	Used

Description: Additional reference number or description to clarify a contact number

DLMS Note: *1. Identify the transportation in-checker identification code with the appropriate three position numeric value.*

2. DLMS enhancement; see introductory DLMS note 4e.

3. See ADC 1055.

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
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G62	Date/Time	**Pos: 1100**	**Max: 5**
		Heading - Optional	
		Loop: N/A	**Elements: 4**

User Option (Usage): Must use
Purpose: To specify pertinent dates and times

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

DLMS Note:

Must use to identify the date and time of transaction set preparation.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	**Date Qualifier**	X	ID	2/2	Must use

Description: Code specifying type of date

Code	Name
BB	Transaction Control Date

DLMS Note:

Use to identify the date of transaction set preparation. This date corresponds to the Universal Time Coordinate (UTC).

G6202	373	**Date**	X	DT	8/8	Must use

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

G6203	176	**Time Qualifier**	X	ID	1/2	Must use

Description: Code specifying the reported time

Code	Name
W	Effective Time

DLMS Note:

1. Express the originating activity's time of transaction set preparation in UTC.

2. Express time in a four-position (HHMM) format.

G6204	337	**Time**	X	TM	4/8	Must use

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

LX	Assigned Number	**Pos: 0050** **Max: 1** **Detail - Optional** **Loop: 0300** **Elements: 1**

User Option (Usage): Used
Purpose: To reference a line number in a transaction set

DLMS Note:
This segment must be used only to meet X12 syntax requirements.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LX01	554	**Assigned Number**	M	N0	1/6	Must use

Description: Number assigned for differentiation within a transaction set
DLMS Note: *In the first and only iteration of this 2/LX/0050 loop, cite numeric 1.*

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221,
221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396,
405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
DLM 4000.25

W12	Warehouse Item Detail	**Pos: 0200**	**Max: 1**
		Detail - Optional	
		Loop: 0310	**Elements: 5**

User Option (Usage): Must use
Purpose: To designate those line items that were shipped

Syntax Rules:
1. R0607 - At least one of W1206 or W1207 is required.
2. P0708 - If either W1207 or W1208 is present, then the other is required.
3. P101112 - If either W1210, W1211 or W1212 are present, then the others are required.
4. P131415 - If either W1213, W1214 or W1215 are present, then the others are required.
5. P1718 - If either W1217 or W1218 is present, then the other is required.
6. P2122 - If either W1221 or W1222 is present, then the other is required.

Semantics:
1. Whenever W1201 contains "IS", W1216, W1217, and W1218 refer to the original item ordered.

DLMS Note:

1. Must use the 2/W12/020 loop to identify the materiel and other data pertinent to the transaction.

2. If the transportation control number (TCN) is partialled (e.g., record position 16 is an alpha character other than X) by the shipper, then repeat the W12 loop to identify each related partial TCN (e.g., record positions 1-15 are identical).

3. DLMS enhancement; see introductory DLMS note 4e.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1201	368	**Shipment/Order Status Code**	M	ID	2/2	Must use

Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction

Code	Name
SA	Shipment Quantity Increase

> **DLMS Note:**
> *Use with W0611 Code NJ (Materiel Release Confirmation) to indicate release of quantity greater than requested due to unit pack. Use with W0611 Code NM (Disposal Release Confirmation) to indicate release of quantity greater than requested. (This corresponds to MILSTRIP DIC ARA or ARK)*

SC	Shipment Quantity Decrease

> **DLMS Note:**
> *Use with W0611 Code NJ (Materiel Release Confirmation) to indicate release of quantity less than requested due to unit pack. Use with W0611 Code NM (Disposal Release Confirmation) to indicate release quantity less than requested. (This corresponds to MILSTRIP DIC ARB or ARL)*

UR	Unsolicited Report

> **DLMS Note:**
> *Use to indicate a response to a materiel or disposal release transaction. Do not use when code SA or SC applies.*

W1207	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)
DLMS Note: *Use only one of codes A1, A2, A4, FB,*

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 <mark>and 1073</mark>
DLM 4000.25

FS, FT, MG, N4, SW, YP, ZR, or ZZ to identify the materiel. Must use National Stock Number (NSN) when known, except when appropriate brand name subsistence items are identified by the Subsistence Identification Number or when maintenance/industrial activity materiel is identified by Local Stock Number or Material Control Tracking (MCT) tag number.

Code	**Name**
A1	Plant Equipment Number

> **DLMS Note:**
> *1. Use to identify plant equipment.*
>
> *2. DLMS enhancement; see introductory DLMS note 4a.*

A2 | Department of Defense Identification Code (DoDIC)

> **DLMS Note:**
> *1. Use to identify ammunition items.*
>
> *2. DLMS enhancement; see introductory DLMS note 4a.*

A4 | Subsistence Identification Number

> **DLMS Note:**
> *Use to identify subsistence items.*

FB | Form Number

> **DLMS Note:**
> *1. Use to identify the form stock number.*
>
> *2. DLMS enhancement; see introductory DLMS note 4a.*

FS | National Stock Number

FT | Federal Supply Classification

> **DLMS Note:**
> *Use to identify the FSC of the nonstandard materiel when a part number is not available and materiel can only be identified by description (e.g., non-NSN lumber products).*

MG | Manufacturer's Part Number

> **DLMS Note:**
> *Use to identify nonstandard materiel.*

N4 | National Drug Code in 5-4-2 Format

> **DLMS Note:**
> *DLMS enhancement in support of Retail Transportation and Supply Receipt and Acknowledgement Transactions.*

SW | Stock Number

> **DLMS Note:**
> *1. Use to identify the local stock number (LSN).*
>
> *2. When used for a unit of use LSN applicable to NSN materiel, the applicable NSN will be included for cross-reference.*
>
> *3. When used for a unit of use LSN applicable to part numbered items, the original part-numbered item LSN will also be included for cross-reference.*
>
> *4. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381/Approved Addendum 381A.*
>
> *5. Authorized for intra-DLA use between DLA Disposition Services Field Offices and DLA Disposition Services. DLMS enhancement; Refer to ADC 449.*

YP | Publication Number

> **DLMS Note:**
> *1. Use to identify the publication stock number.*

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
DLM 4000.25

2. DLMS enhancement; see introductory DLMS note 4a.

ZR   Service Control Identification

DLMS Note:
Use to identify Material Control Tracking (MCT) tag number. The MCT tag number is authorized for use with DLA industrial activity support agreement only. Refer to ADC 373.

ZZ   Mutually Defined

DLMS Note:
1. Use to identify nonstandard materiel when all other authorized codes do not apply (includes management control numbers and locally assigned control numbers). May be used for legacy MILSTRIP-DLMS conversion when the translator cannot determine a more appropriate code.

2. Use when the W0612 = CN or ME and the LQ02 = 1 for (LQ01 = AK) to denote the consolidation as "MIXED" in the W1208.

3. DLMS enhancement; see introductory DLMS note 4e.

W1208	234	**Product/Service ID**	X	AN	1/48	Must use

Description: Identifying number for a product or service

W1217	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code   **Name**

CN   Commodity Name

DLMS Note:
Use with W1207 Code FT to identify the materiel name or description.

FS   National Stock Number

DLMS Note:
1. Use to identify the NSN.

2. The NSN is provided as a cross-reference when unit of use indicator is included and the Local Stock Number (LSN) is identified as the primary materiel identification.

3. Authorized DLMS enhancement under DLA industrial activity support agreement; refer to ADC 381.

4. Authorized for intra-DLA use between DLA Disposition Services Field Offices and DLA Disposition Services. DLMS enhancement; Refer to ADC 449.

SW   Stock Number

DLMS Note:
1. Use to identify the local stock number (LSN).

2. The LSN is provided as a cross-reference when unit of use indicator is included and the unit of use LSN is identified as the primary materiel identification. Authorized DLMS enhancement under DLA industrial activity support agreement.

ZB   Commercial and Government Entity (CAGE) Code

DLMS Note:
Use with W1207 Code MG to uniquely identify the manufacturer's part number.

W1218	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073

DLM 4000.25

N9	Reference Identification	Pos: 0400 Max: 200
		Detail - Optional
		Loop: 0310 Elements: 4

User Option (Usage): Must use
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Syntax Rules:
1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:
1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

DLMS Note:

1. Must use at least once to identify the transaction number.

2. Use additional repetitions to identify ancillary information related to the transaction.

3 For the materiel release confirmation and disposal release confirmation, must have one repetition to identify the shipment transportation control number.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification
DLMS Note: *1. Use one of CT or W3, but not both, in Government Furnished Materiel (GFM) related transactions.*

2. For DLMS use, only the following codes are authorized.

Code	Name
2I	Tracking Number

    DLMS Note:

    Use to identify all shipments to a DLA Disposition Services Field Office that qualify for intransit control procedures, e.g., the shipped materiel line item value is $800 or more or the item is recorded as pilferable/sensitive. Cite Y in N902 if shipment meets specified criteria.

4C	Shipment Destination Code

    DLMS Note:

    1. Shipment Destination Code with note: "Use in Commercial Asset Visibility Materiel Release Confirmation transactions to provide a clear text carrier name and address. Use N902 to identify the carrier name. Use N903 to provide a street address, PO box or other address information. Use N907 to provide additional address information. Where possible, attempt to cite the address in the form of a US Postal Service (USPS) mailing address. For shipments outside of the US, use 2/LQ01/1000 code 85 to identify the country."

    2. This is a non-standard mapping. The standard DLMS mapping for carrier identification is carried in the N1 segment at position 0800.

5M	Previous Sequence

    DLMS Note:

    1. Use to identify the Post-Post Previously Requested Indicator to notify the owner's application whether the requested action was initiated/recorded in the owner's application. Cite the appropriate value:

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221,
221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396,
405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
DLM 4000.25

Y – Indicates request for materiel was created in the owner's application
N - Indicates request for materiel was not created in owner's application

2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 396.

60	Account Suffix Code

DLMS Note:

Use in conjunction with the DTID Number (N907 Code W1) to identify the DTID Suffix Code, when applicable. DLMS enhancement, see ADC 466.

74	Work Breakdown Structure (WBS)

DLMS Note:

Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 396.

77	Work Package

DLMS Note:

Use to identify the Build Directive Number for medical/surgical component assembly. (A data maintenance action was approved in version 5010. The approved code/name is BDN – Build Directive Number.) Authorized DLMS migration enhancement. See DLMS introductory note 4e.

86	Operation Number

DLMS Note:

1. Use to identify the Key Operation (KO) Number associated with the JO.

2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.

87	Functional Category

DLMS Note:

Use in LRO to distinguish between LROs for consumable (MILSTRIP Distribution Code 2) and reparable (MILSTRIP Distribution Code 3) assets. Enter value (2 or 3) in N902.

9R	Job Order Number

DLMS Note:

1. Use to identify Job Order (JO) Number.

2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.

AH	Agreement Number

DLMS Note:

Use to identify the Depot Maintenance Inter-Service Support Agreement (DMISA) number for tracking "in-process" materiel.

CO	Customer Order Number

DLMS Note:

1. Use to identify the Customer Order Acceptance Record (COAR) applicable to the Job Order Number.

2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381 (or as applicable).

CT	Contract Number

DLMS Note:

Use on shipments of GFM to the contractor.

TG	Transportation Control Number (TCN)
TN	Transaction Reference Number

DLMS Note:

Must use to identify the transaction number assigned to this transaction. This is the document number.

TT	Terminal Code

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221,
221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396,
405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
DLM 4000.25

DLMS Note:

Use only during legacy MILSTRIP-DLMS conversion processing to identify the point of embarkation for OCONUS shipments moving through the DTS, GBL/CBL, parcel post (except APO/FPO); and small package carrier shipments entering the DTS at the POE. During the transition period, transactions originating as MILSTRIP DIC Code AR, Materiel Release Confirmation, will carry the POE in this field due to the translator's inability to distinguish among code types. Refer to 2/LQ01/1000 qualifiers 36, Air Terminal Identifier Code, 37, Water Terminal Identifier, and 38, Consolidation and Containerization Point Code, for DLMS input.

W1   Disposal Turn-In Document Number

DLMS Note:

Use for disposal release confirmation and historical disposal release confirmation transactions to identify the DTID.

W3   Manufacturing Directive Number

DLMS Note:

Use on shipments of GFM to the contractor.

WF   Locally Assigned Control Number

DLMS Note:

Use to identify the Assemblage Identification Number (AIN). Authorized DLMS migration enhancement. See DLMS introductory note 4e.

WO   Work Order Number

DLMS Note:

1. Use to identify a maintenance work order number.

2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.

WP   Warehouse Pick Ticket Number

DLMS Note:

1. Use to identify the picklist control number assigned to identify a specific job for which materiels are being assembled together in support of planned maintenance.

2. Cite the picklist control number in N903 due to field length.

3. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.

X9   Internal Control Number

DLMS Note:

Use in CAV transactions to identify the unique contractor reference number assigned by the contractor.

AAE   Previous Distributor Number

DLMS Note:

Use to provide the warehouse storage location identifying the physical location of the materiel as it was reflected on the DSS record prior to requested action, i.e., pick location.

PWC   Preliminary Work Candidate Number

DLMS Note:

1. Use to identify a Requisition Alert Document Number.

2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.

N902	127	**Reference Identification**	X	AN	1/50	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier. See introductory DLMS Note 7b.

N903	369	**Free-form Description**	X	AN	1/45	Used

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073

DLM 4000.25

Description: Free-form descriptive text
DLMS Note: *When 2/N901/0400 cites code 4C, use to provide a street address, PO Box or other address information.*

N907	C040	**Reference Identifier**	O	Comp		Used

Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier
DLMS Note: *When N901 code 4C is used to indicate a carrier address, use N907 to further define the address. Use as many of codes LJ, GE, and GL, in N907[C04001-6] as necessary.*
Syntax:
1. P0304 - If either C04003 or C04004 is present, then the other is required.
2. P0506 - If either C04005 or C04006 is present, then the other is required.

N907-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification
DLMS Note: *Use only one of codes 08, 16, 97, 1Y, AW, BL, BM, IZ, K2, K3, WY or ZH for materiel release confirmation, historical materiel release confirmation, disposal release confirmation, and historical disposal release confirmation transactions with N901 Code TG to identify the shipment unit number. Code supplements the cross reference between the TCN used for intransit control procedures and the applicable shipment identification number associated with the mode of shipment.*

Code	Name
08	Carrier Assigned Package Identification Number

  DLMS Note:
  1. Use to identify carrier package identification number when carrier is other than the United States Postal Service. Use recommended in conjunction with identification of the carrier (2/N101/0800 qualifier CA).

  2. Authorized DLMS migration enhancement; see introductory DLMS 4f.

16	Military Interdepartmental Purchase Request (MIPR) Number

  DLMS Note:
  Use to identify the MIPR number for tracking "in-process" materiel.

1Y	Repair Action Number

  DLMS Note:
  Use with N901 Code AH to identify the Depot Maintenance Inter-Service Support Agreement (DMISA) line number for tracking "in-process" materiel.

AW	Air Waybill Number

  DLMS Note:
  1. Use to identify the shipment unit air waybill number.

  2. Authorized DLMS migration enhancement; see introductory DLMS 4f.

BL	Government Bill of Lading

  DLMS Note:
  1. Use to identify the government bill of lading.

  2. Authorized DLMS migration enhancement; see introductory DLMS 4f.

BM	Bill of Lading Number

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
DLM 4000.25

> **DLMS Note:**
>
> *1. Use to identify the shipment unit commercial bill of lading number.*
>
> *2. Authorized DLMS migration enhancement; see introductory DLMS 4f.*

IZ   Insured Parcel Post Number

> **DLMS Note:**
>
> *1. Use to identify the shipment unit insured parcel post number.*
>
> *2. Authorized DLMS migration enhancement; see introductory DLMS 4f.*

K1   Foreign Military Sales Notice Number

> **DLMS Note:**
>
> *Use with N901 code TG for Foreign Military Sales (FMS) shipments made on a commercial bill of lading or commercial collect bill of lading to identify the shipment unit FMS notice number.*

K2   Certified Mail Number

> **DLMS Note:**
>
> *1. Use to identify the shipment unit certified mail number.*
>
> *2. Authorized DLMS migration enhancement; see introductory DLMS 4f.*

K3   Registered Mail Number

> **DLMS Note:**
>
> *1. Use to identify the shipment unit registered parcel post number.*
>
> *2. Authorized DLMS migration enhancement; see introductory DLMS 4f.*

LJ   Local Jurisdiction

> **DLMS Note:**
>
> *Use with N901 code 4C to provide the city, county or other local designator for the carrier address.*

W1   Disposal Turn-In Document Number

> **DLMS Note:**
>
> *1. Use to identify the disposal turn-in document (DTID) number when provided as a secondary reference number. The DTID Number is a unique number to identify property turned into a DLA Disposition Service Field Office.*
>
> *2. Use in conjunction with the controlling document number for the transaction cited N901 code TN. When there is no Suffix Code associated with the controlling Document Number, enter the correlating DTID in the N907-02. If there is a Suffix Code, enter the DTID in the N907-04. Refer to ADC 466.*
>
> *3. Authorized for intra-DLA use between DLA Disposition Services Field Offices and DLA Disposition Services. DLMS enhancement; Refer to ADC 449.*

W8   Suffix

> **DLMS Note:**
>
> *1. Use with N901 Code TN to identify the transaction number suffix.*
>
> *2. When used in association with the Requisition Alert Document Number (Qualifier PWC, above), this will be the requisition alert document suffix. The Requisition Alert Document Number Suffix is an Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.*

WY   Waybill Number

> **DLMS Note:**
>
> *1. Use to identify the shipment unit surface waybill number.*
>
> *2. Authorized DLMS migration enhancement; see introductory DLMS 4f.*

ZH   Carrier Assigned Reference Number

> **DLMS Note:**

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
DLM 4000.25

		1. Use to identify the shipment unit express mail number.					
		2. Authorized DLMS migration enhancement; see introductory DLMS 4f.					
N907-02	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier. See introductory DLMS Note 7b.					
N907-03	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification					

Code | **Name**
GE | Geographic Number

DLMS Note:
Use with N901 code 4C to indicate the USPS abbreviation for the state or Canadian province the carrier is located in.

W1 | Disposal Turn-In Document Number

DLMS Note:
1. Use to identify the disposal turn-in document (DTID) number when provided as a secondary reference number. The DTID Number is a unique number to identify property turned into a DLA Disposition Service Field Office.

2. Use in conjunction with the controlling document number for the transaction (N901 Code TN). When there is no Suffix Code associated with the controlling Document Number, enter the correlating DTID number in the N907-02. If there is a Suffix Code, enter the DTID in the N907-04. Refer to ADC 466.

3. Authorized for intra-DLA use between DLA Disposition Services Field Offices and DLA Disposition Services. DLMS enhancement.

N907-04	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier. See introductory DLMS Note 7b.					
N907-05	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification					

Code | **Name**
GL | Geographic Destination Zone Number

DLMS Note:
Use with N901 code 4C to indicate the USPS zip code for the carrier address. Use the 9 digit zip code when available.

N907-06	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier. See introductory DLMS Note 7b.					

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073

DLM 4000.25

G62	Date/Time	**Pos: 0500** **Max: 10**
		Detail - Optional
		Loop: 0310 **Elements: 2**

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

DLMS Note:

Use to identify dates as appropriate.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	**Date Qualifier**	X	ID	2/2	Must use

Description: Code specifying type of date

DLMS Note: *For DLMS use, only the following codes are authorized.*

Code	Name
09	Process Date

DLMS Note:

Use with the transaction history to identify the date on which the materiel release advice was processed by the initiating activity.

11	Shipped on This Date

DLMS Note:

Use in materiel release confirmation, historical materiel release confirmation, disposal release confirmation, and historical disposal release confirmation transactions to identify date materiel was shipped.

17	Estimated Delivery Date

DLMS Note:

Use in materiel release advice (DIC AE6), materiel release confirmation, disposal shipment confirmation (DIC AEJ), historical materiel release confirmation, disposal release confirmation, and historical disposal release confirmation transactions to identify the estimated shipping date or estimated date materiel will be available for shipment when shipment has not occurred.

BD	Required By

DLMS Note:

1. Use in materiel release denials to identify the required delivery date from the original materiel release order.

2. Future streamlined data; see introductory DLMS note 4c.

BH	Offered for Delivery

DLMS Note:

Use in materiel release advice and disposal release advice transactions to identify the date materiel is tendered to the carrier for shipment.

BU	Rejection

DLMS Note:

1. Use in materiel release denial, historical materiel release denial, disposal release denial, and historical disposal release denial transactions to identify the date of warehouse refusal.

2. DLMS enhancement; see introductory DLMS note 4a.

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221,
221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396,
405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
DLM 4000.25

		TR	Transfer				

DLMS Note:

Use in materiel release advice and disposal release advice transactions to identify the date materiel is transferred to the carrier if a delay occurs prior to actual shipment.

G6202	373	**Date**		X	DT	8/8	Must use

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
DLM 4000.25

QTY	Quantity	**Pos: 0550**	**Max: 10**
		Detail - Optional	
		Loop: 0310	**Elements: 3**

User Option (Usage): Must use
Purpose: To specify quantity information

Syntax Rules:
1. R0204 - At least one of QTY02 or QTY04 is required.
2. E0204 - Only one of QTY02 or QTY04 may be present.

Semantics:
1. QTY04 is used when the quantity is non-numeric.

DLMS Note:
Must use at least one iteration of this 2/QTY/055 loop to identify quantities associated with the transaction.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
QTY01	673	**Quantity Qualifier**	M	ID	2/2	Must use

Description: Code specifying the type of quantity

Code	Name
01	Discrete Quantity

DLMS Note:
Use in initial materiel release confirmation, materiel release advice and disposal release advice transactions to identify the quantity for which status is being provided. (This equates to the quantity carried in MILSTRIP DIC AR_ or AE6, AEJ, AGJ, or ASZ.)

| 03 | Discreet Quantity - Rejected Material |

DLMS Note:
Use in materiel release cancellation advice, historical materiel release cancellation advice, disposal release cancellation advice, and historical disposal release cancellation advice transactions to identify the quantity which was cancelled. (This equates to the quantity carried in MILSTRIP DIC AG6)

| 39 | Shipped Quantity |

DLMS Note:
Use in reply to materiel release cancellation request, historical reply to materiel release cancellation request, reply to disposal release cancellation request, and historical reply to disposal release confirmation request transactions to identify the quantity which is confirmed/shipped. (This equates to the quantity carried in MILSTRIP DIC AU_.)

| QC | Quantity Disapproved |

DLMS Note:
Use in materiel release denial, historical materiel release denial, disposal release denial, and historical disposal release denial transactions to identify the quantity of the warehouse refusal. (This equates to the quantity carried in MILSTRIP DIC A6_.) (Also applicable to intra-AF RDO denial.)

| V1 | Retention Quantity |

DLMS Note:
Use in disposal release confirmation denial, and historical disposal release confirmation transactions to identify the quantity actually retained. (Applicable to MILSTRIP DIC ARJ, AEJ, AGJ, A6J, ARL, or ARK)

| QTY02 | 380 | **Quantity** | X | R | 1/15 | Must use |

Description: Numeric value of quantity
DLMS Note: *A field size exceeding 5 positions (7 positions for FSG 13, ammunition) may not be*

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
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		received or understood by the recipient's automated processing system. See introductory DLMS note 4d.				
QTY03	C001	**Composite Unit of Measure**	O	Comp		Must use
		Description: To identify a composite unit of measure(See Figures Appendix for examples of use) **Comments:** 1. If C001-02 is not used, its value is to be interpreted as 1. 2. If C001-03 is not used, its value is to be interpreted as 1. 3. If C001-05 is not used, its value is to be interpreted as 1. 4. If C001-06 is not used, its value is to be interpreted as 1. 5. If C001-08 is not used, its value is to be interpreted as 1. 6. If C001-09 is not used, its value is to be interpreted as 1. 7. If C001-11 is not used, its value is to be interpreted as 1. 8. If C001-12 is not used, its value is to be interpreted as 1. 9. If C001-14 is not used, its value is to be interpreted as 1. 10. If C001-15 is not used, its value is to be interpreted as 1.				
QTY03-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **DLMS Note:** *Use for materiel release confirmation, historical materiel release confirmation, disposal release confirmation, and historical disposal release confirmation transactions to identify the unit of issue for the materiel shipped. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.* **All valid standard codes are used.**				
QTY03-02	1018	**Exponent**	O	R	1/15	Used
		Description: Power to which a unit is raised				

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 <mark>and 1073</mark>
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AMT	Monetary Amount	**Pos: 0600**	**Max: 1**
		Detail - Optional	
		Loop: 0310	**Elements: 2**

User Option (Usage): Used
Purpose: To indicate the total monetary amount

DLMS Note:

Use in Commercial Asset Visibility (CAV) Supply Status transactions to provide the unit price of the item.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AMT01	522	**Amount Qualifier Code**	M	ID	1/3	Must use

Description: Code to qualify amount

Code	Name
NT	Unit Value

DLMS Note:

1. Use in CAV Materiel Release Confirmation transactions to indicate the unit price of an item.

2. Use to identify the unit price applicable to the materiel identified by the release confirmation supporting NSYs and FRC under DLA industrial activity support agreement. Authorized DLMS enhancement; Refer to ADC 381.

3. DLMS transactions authorize an expanded unit price field size of 9 digits for dollars and 2 digits for cents. The decimal point is passed in the transaction. If conversion to MILS legacy format is required, unit prices exceeding the legacy field size constraint will not be perpetuated. Authorized DLMS migration enhancement. Refer to ADC 221A.

AMT02	782	**Monetary Amount**	M	R	1/18	Must use

Description: Monetary amount

W27	Carrier Detail	**Pos: 0750**	**Max: 1**
		Detail - Optional	
		Loop: 0310	**Elements: 2**

User Option (Usage): Used

Purpose: To specify details of the transportation equipment and carrier routing details

Syntax Rules:
1. R0203 - At least one of W2702 or W2703 is required.

Semantics:
1. W2702 is required when W2701 equals "B", "E", "H", "I", "K", "L", "M", "P" or "T".
2. W2706 is required when W2701 equals "G" or "R".

Comments:
1. Shipment/Order Status Code is used at the total-invoice level only when differences cannot be provided at the line-item level or when the entire order has been shipped complete.

DLMS Note:
Use to identify the mode of shipment.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W2701	91	**Transportation Method/Type Code**	M	ID	1/2	Must use
		Description: Code specifying the method or type of transportation for the shipment				
		DLMS Note: *Use as needed for materiel release confirmation, historical materiel release confirmation, disposal release confirmation, and historical disposal release confirmation transactions only to identify the mode of shipment. DLMS users see the Transportation Mode of Shipment Conversion Table for available codes.* **All valid standard codes are used.**				
W2702	140	**Standard Carrier Alpha Code**	X	ID	2/4	Must use
		Description: Standard Carrier Alpha Code **DLMS Note:** *If SCAC is unknown, use code ZZ for this data element to meet mandatory X12 syntax requirements.*				
W2706	206	**Equipment Initial**	O/Z	AN	1/4	Used
		Description: Equipment Initial **DLMS Note:** Use code Z for this data element to meet mandatory X12 semantic note requirement when W2701 = G or R.				

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221,
221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396,
405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 <mark>and 1073</mark>
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N1	Name	**Pos: 0800** **Max: 5**
		Detail - Optional
		Loop: 0310 **Elements: 5**

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Syntax Rules:
    1. R0203 - At least one of N102 or N103 is required.
    2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:
    1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
    2. N105 and N106 further define the type of entity in N101.

DLMS Note:
Must use at least one iteration of this N1 segment to identify the organization to receive the transaction (N106 code TO with appropriate N101 code). May use additional iterations to identify other organizations associated with the transaction.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual
DLMS Note: *For DLMS use, only the following codes are authorized.*

Code	Name
CA	Carrier

    DLMS Note:

    1. Use for materiel release confirmations, historical materiel release confirmations, disposal release confirmations, and historical disposal release confirmations to identify the shipment unit carrier when other than the United States Postal Service.

    2. The carrier shall be Standard Carrier Alpha Code (SCAC). The carrier name is optional and may be identified in N102.

    3. Authorized DLMS migration enhancement; see introductory DLMS 4f.

CN	Consignee

    DLMS Note:
    Use for materiel release cancellation advice and historical materiel release cancellation advice transactions to identify the consignee.

DA	Delivery Address

    DLMS Note:
    Use with N102 to identify the in-the-clear exception ship-to address organization name.

DZ	Delivery Zone

    DLMS Note:

    1. Use to provide the delivery location indicating where the materiel has been staged/stored.

    2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 396.

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 <mark>and 1073</mark>

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KK	Registering Party	

DLMS Note:

1. Use to identify the Component UIT registry. May be used by a Component when their UIT process requires that a copy of the transaction should also be sent to a UIT registry for information purposes. Must be used with 2/N106/0800 code PK – 'Party to Receive Copy' to identify that this is only an information copy of the transaction, for use with the Component UIT registry. Cite the applicable Routing Identifier in 2/N104.

2. Authorized DLMS enhancement for Air Force and DSS use with PIC NWRM UIT program. For PIC UIT, must use in conjunction with 2/N106 code PK and 1/W0612/20 Action Code FI and cite the applicable Routing Identifier in 2/N104.

3. Authorized DLMS enhancement for Air Force use under the Retail Transportation and Supply Receipt and Acknowledgement Interchange (Distribution Code of 111). For PIC UIT, must use in conjunction with 2/N106 code PK and cite the applicable Routing Identifier in 2/N104.

4. Except as noted above, DLMS enhancement; see introductory DLMS note 4a.

LG	Location of Goods	

DLMS Note:

Use for LRO advice to identify the alternative supply source when different from the originator of the transaction.

ST	Ship To	

DLMS Note:

Use for materiel release confirmations, historical materiel release confirmations, disposal release confirmations, and historical disposal release confirmations to identify the organization to receive the materiel.

UQ	Subsequent Owner	

DLMS Note:

Use for inter-Service ammunition or ammunition-related ownership transfer with no physical movement of materiel. Use to identify the RIC to which ownership is being transferred (the New Owner RIC). DLMS enhancement. Refer to ADC 1020.

XN	Planning/Maintenance Organization	

DLMS Note:

1. Use between the source of supply and the Distribution Depot warehouse storage system to identify the Shop Service Center (SSC) or Shop Store.

2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 284A & 381.

Z1	Party to Receive Status	

DLMS Note:

1. Use to indicate the organization to receive shipment status as identified on the original requisition. Use multiple iterations to identify all status recipients, as required.

2. The DLMS provides the capability to carry additional status recipients beyond those identified by the legacy MILSTRIP. The Media and Status Code and the Distribution Code will be retained in the DLMS to facilitate transaction conversion in a mixed legacy MILSTRIP-DLMS environment. Additional status recipients identified here cannot be passed to legacy MILSTRIP users.

Z4	Owning Inventory Control Point	

DLMS Note:

Must use to identify the ICP to receive the transaction set.

N102	93	**Name**		X	AN	1/60	Used

Description: Free-form name
DLMS Note:
1. May be used to identify the carrier name (used with Qualifier CA, above). Field length for DLMS is

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073

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60 positions.

2. Use to identify the delivery location (used with Qualifier DZ, above). Field length is 30 positions maximum.

N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use

Description: Code designating the system/method of code structure used for Identification Code (67)

Code	Name
1	D-U-N-S Number, Dun & Bradstreet

  DLMS Note:
   DLMS enhancement; see introductory DLMS note 4a.

2	Standard Carrier Alpha Code (SCAC)

  DLMS Note:
   1. Use as needed to identify the commercial carrier.

   2. Authorized DLMS migration enhancement; see introductory DLMS 4f.

9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix

  DLMS Note:
   DLMS enhancement; see introductory DLMS note 4a.

10	Department of Defense Activity Address Code (DODAAC)

  DLMS Note:
   DLMS enhancement; see introductory DLMS note 4a.

92	Assigned by Buyer or Buyer's Agent

  DLMS Note:
   Use with N101 Code XN to identify the Shop Service Center or Shop Store. Refer to ADC 284A & 381.

M4	Department of Defense Routing Identifier Code (RIC)
UR	Uniform Resource Locator (URL)

  DLMS Note:
   1. Use when appropriate to identify the Component UIT registry.

   2. DLMS enhancement; see introductory DLMS note 4a.

N104	67	**Identification Code**	X	AN	2/80	Must use

Description: Code identifying a party or other code

N106	98	**Entity Identifier Code**	O	ID	2/3	Used

Description: Code identifying an organizational entity, a physical location, property or an individual

Code	Name
PK	Party to Receive Copy

  DLMS Note:
   1. Use when appropriate to send an information copy to a Component UIT registry. For use with N101 code KK.

   2. Authorized DLMS enhancement for Air Force and DSS use with PIC NWRM UIT program. For PIC UIT, must use in conjunction with 2/N101 code KK and 1/W0612/0200 Action Code FI and cite the applicable RIC in 2/N104.

   3. Authorized DLMS enhancement for Air Force use under the Retail Transportation and Supply Receipt and Acknowledgement Interchange (Distribution Code of 111). For PIC UIT, must use in conjunction with 2/N101 code KK and cite the applicable Routing Identifier in 2/N104.

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ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 <mark>and 1073</mark>

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	4. Except as noted above, DLMS enhancement; see introductory DLMS note 4a.
TO	Message To
	DLMS Note:
	Use with the appropriate 2/N101/0800 to indicate that the organization cited in N104 is receiving the transaction set.

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ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
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LM	Code Source Information	**Pos: 0900** **Max: 1**
		Detail - Optional
		Loop: 0311 **Elements: 1**

User Option (Usage): Must use
Purpose: To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

DLMS Note:

Must use this 2/LM/090 loop to identify coded information maintained in department or agency documentation.

Element Summary:

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
LM01	559	**Agency Qualifier Code**	M	ID	2/2	Must use

Description: Code identifying the agency assigning the code values

Code	**Name**
DF	Department of Defense (DoD)

LQ	Industry Code	**Pos: 1000**	**Max: 100**
		Detail - Mandatory	
		Loop: 0311	**Elements: 2**

User Option (Usage): Must use
Purpose: Code to transmit standard industry codes

Syntax Rules:
  1. C0102 - If LQ01 is present, then LQ02 is required.

DLMS Note:
Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LQ01	1270	**Code List Qualifier Code**	O	ID	1/3	Must use

  Description: Code identifying a specific industry code list
  DLMS Note: *For DLMS use, only the following codes are authorized.*

Code	Name
0	Document Identification Code

  DLMS Note:
  1. The MILSTRIP DIC is retained in the DLMS to facilitate transaction conversion in a mixed legacy MILSTRIP-DLMS environment. Continued support of the DIC in a full DLMS environment will be assessed at a future date.

  2. In a mixed legacy MILSTRIP-DLMS environment, for the inter-service ammunition interfaces, when including BG1/BG2 data, Army must use 2 iterations of LQ to provide DIC AR_ as well as either DIC BG1 or BG2 as applicable, to alert DAAS of the BG1/ BG2 requirement for inter-service ammunition transactions. See ADC 1040.

Z	Cancellation Reason

  DLMS Note:
  1. Use to specify the reason for requisition cancellation subsequent to receipt of the associated release order.

  2. For DLA Disposition Service, available codes are:

  YD - DLA Disposition Services Customer No-Show
  YE - DLA Disposition Services Sales Customer Refused – Penalty May Apply
  YF - DLA Disposition Services Sales Customer Refused – No Penalty
  YG - DLA Disposition Services Sales Reutilization/Transfer/Donation (RTD) Customer Declined with Prior Notice
  YH - DLA Disposition Services RTD Customer Refused Without Prior Notice
  YI - DLA Disposition Services Commercial Venture (CV) Rejected by Government Liquidators (GL)
  YJ - DLA Disposition Services Field Office Cancellation of Redistribution Order due to Change in Disposition Instructions

  3. Authorized for intra-DLA use between DLA Disposition Services Field Offices and DLA Disposition Services. DLMS enhancement; Refer to ADC 449 and 1034B.

36	Air Terminal Identifier Code

  DLMS Note:
  1. Use to identify port of embarkation (POE) air terminal identifier codes for Outside Continental United States (OCONUS) shipments made via Defense Transportation System (DTS) air modes.

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 <mark>and 1073</mark>
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2. Authorized DLMS migration enhancement; see introductory DLMS 4f.

3. During the legacy MILSTRIP-DLMS transition period, transactions originating as MILSTRIP DIC AR, Materiel Release Confirmation, will carry this information in N901, qualifier TT, Terminal Code, due to the translator's inability to distinguish among code types).

37	Water Terminal Identifier Code

DLMS Note:

1. Use to identify port of embarkation (POE) water terminal identifier code for OCONUS shipments made via DTS water modes.

2. Authorized DLMS migration enhancement; see introductory DLMS 4f.

3. During the legacy MILSTRIP-DLMS transition period, transactions originating as MILSTRIP DIC AR, Materiel Release Confirmation, will carry this information in N901, qualifier TT, Terminal Code, due to the translator's inability to distinguish among code types.

38	Consolidation and Containerization Point Code

DLMS Note:

1. Used to identify the SEVAN CCP code for OCONUS shipments made via DTS.

2. Authorized DLMS migration enhancement; see introductory DLMS 4f.

3. During the legacy MILSTRIP-DLMS transition period, transactions originating as MILSTRIP DIC AR, Materiel Release Confirmation, will carry this information in N901, qualifier TT, Terminal Code, due to the translator's inability to distinguish among code types.

58	Transportation Bill Code

DLMS Note:

Use in SA materiel release confirmation and historical materiel release confirmation transactions only to identify the appropriate transportation billing information.

78	Project Code

DLMS Note:

Use to identify special programs, exercises, projects, operations, and other purposes.

79	Priority Designator Code

DLMS Note:

Use to identify the supply priority assigned to this transaction.

80	Advice Code

DLMS Note:

Use for Materiel Release Denial.

81	Status Code

DLMS Note:

1. For Army/DLA interface only, applicable to LRO advice under TAV procedures, if status code is CB enter Management Code S, indicating LRO was denied because it matched an existing suffix for the document number (refer to ADC 191).

2. Multiple repetitions to identify the status associated with the transaction number/suffix is a DLMS enhancement; see introductory DLMS note 4a.

83	Supply Condition Code
84	Management Code
85	Country and Activity Code

DLMS Note:

1. Use with N901 code 4C to indicate the country code for the carrier address when outside the U.S.

2. DLMS enhancement; see introductory DLMS note 4a.

87	Subsistence Type of Pack Code

DLMS Note:

Use with subsistence items for denials.

88   Disposal Authority Code

DLMS Note:

Use only in disposal transactions to indicate that the designated materiel is authorized for shipment to a disposal or reutilization facility.

90   Precious Metals Indicator Code

DLMS Note:

Use only in disposal transactions to identify the precious metal content of the specified materiel.

91   Automated Data Processing Equipment Identification Code

DLMS Note:

Use only in disposal transactions to identify ADPE identification information.

92   Reason for Disposal Code

DLMS Note:

Use only in disposal transactions for disposal release confirmation and historical disposal release confirmation transactions only to identify the reason for transfer of the shipment unit.

93   Type of Storage Code

DLMS Note:

Use for materiel release confirmation and historical materiel release confirmation transactions to identify the minimum level of storage environment required for the shipment unit.

98   Reason for Requisitioning Code

DLMS Note:

1. Use to identify Reason for Requisitioning Code identifying the use of the materiel.

2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.

99   Purpose Code

DLMS Note:

DLMS enhancement; see introductory DLMS note 4a.

A1   Ownership Code

DLMS Note:

When used for inter-Service ammunition-related ownership transfer with no physical movement of materiel, use to identify the new/gaining (to) ownership code. Refer to ADC 1020.

A9   Supplemental Data

DLMS Note:

1. Use to identify supplementary address/supplemental data.

2. During the legacy MILSTRIP-DLMS transition, this field will be used to perpetuate/populate the MILSTRIP Supplementary Address (SUPADD) field. During this time, field size is restricted to 6 positions; see introductory DLMS note 4d.

3. Expanded use of this field for supplemental data without size restriction is a DLMS enhancement; see introductory DLMS note 4a.

4. Under full DLMS, the requirement to pass activity address information within the supplemental data field will be streamlined. Activity address data previously contained in the SUPADD will be reflected exclusively in the N1 segment. Future streamlined data; see introductory DLMS note 4c.

5. During legacy MILSTRIP-DLMS transition, use on materiel release advice to for inter-Service ammunition or ammunition-related ownership transfer with no physical movement of materiel and no billing. Cite Signal Code M in conjunction with the supplemental data field constructed as follows: Service/Agency Code Y followed by the old (from) ownership code, the RIC to which ownership is transferred, and the new/gaining (to) ownership code. Refer to ADC 1020.

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073

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AJ Utilization Code

  DLMS Note:

  1. Use to identify a specialized purpose associated with this document number.

  2. Under legacy MILSTRIP, this is the first position of the document serial number.

  3. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.

AK Distribution Code

  DLMS Note:

  Future streamlined data; see introductory DLMS note 4c.

AL Special Requirements Code

  DLMS Note:

  1. Use in Disposal Release Denial and Disposal Supply Status.

  2. Under legacy MILSTRIP, this is carried in the required delivery data field.

  3. The Special Requirements Code is a DLMS enhancement however, because this is perpetuated data from an earlier transaction it will be streamlined out in a full DLMS environment. See introductory DLMS notes 4a and 4c.

BC Transportation Holding Delay Code

  DLMS Note:

  1. This is the Shipment Hold Code.

  2. Use to identify the reason a shipment unit is not shipped. This includes delays occurring immediately after materiel is picked, packed, marked and made ready for shipment.

  3. Use for materiel release confirmation, historical materiel release confirmation, and historical disposal release confirmation transactions to identify the reason shipment has been delayed.

  4. Use for supply status response either self-initiated by transportation or in response to a follow-up request to identify the reason shipment has been delayed. See ADC 316.

DE Signal Code

  DLMS Note:

  Future streamlined data; see introductory DLMS note 4c.

DF Media and Status Code

  DLMS Note:

  Future streamlined data; see introductory DLMS note 4c.

FC Type Physical Inventory or Transaction History Code

  DLMS Note:

  1. Use only with 1/W0612/0200 Action Code W1.

  2. DLMS enhancement. See introductory DLMS note 4a.

GQ Group Qualifier Code

  DLMS Note:

  Use to identify the Materiel Management Aggregation Code (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 – Material Management Aggregation Code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.

HD Discrepancy Status or Disposition Code

  DLMS Note:

  Use for materiel release confirmation when discrepant or deficient materiel has been shipped.

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ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221,
221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396,
405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
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KJ   Assured Delivery Indicator

> **DLMS Note:**
>
> *1. Use to indicate the Delivery Priority Code for materiel which has an urgency of need within the maintenance shop and must be delivered within one hour of receipt of the issue request. Value will be X (1 hour issue) when applicable.*
>
> *2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.*

RC   Requirement Code

> **DLMS Note:**
>
> *1. Use in conjunction with Special Requirements Code N (2/LQ01/Code AL or perpetuated from legacy MILSTRIP Required Delivery Date field). This is an Air Force-unique data element, meaningful to the Air Force only. Non-Air Force Components perpetuate without action.*
>
> *2. A data maintenance action was approved in version 5010. The approved code/name is UJC – "Urgency Justification Code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.*

RD   Property Ownership Type Code

> **DLMS Note:**
>
> *Use only for inter-Service ammunition-related ownership transfer with no physical movement of materiel. Use to identify the old (from) ownership code. DLMS enhancement. Refer to ADC 1020.*

COG   Cognizance Symbol

> **DLMS Note:**
>
> *1. Use to identify the materiel cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.*
>
> *2. DLMS enhancement.*

IMC   Item Management Code

> **DLMS Note:**
>
> *1. Use to identify the Item Management Code (IMC) for integrated materiel management. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.*
>
> *2. DLMS enhancement.*

MCC   Material Control Code

> **DLMS Note:**
>
> *1. Use to identify the Material Control Code (MCC) for special inventory reporting. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.*
>
> *2. DLMS enhancement.*

SMI   Special Material Identification Code

> **DLMS Note:**
>
> *1. Use to identify the Special Material Identification Code (SMIC) for an end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.*
>
> *2. DLMS enhancement.*

T05   Inspection Parameters

> **DLMS Note:**
>
> *1. Use to identify the Quality Inspection Code indicating the level of quality inspection to which the item must be procured and inspected.*
>
> *2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to*

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 <mark>and 1073</mark>
DLM 4000.25

		ADC 381.				
LQ02	1271	**Industry Code**	X	AN	1/30	Must use

Description: Code indicating a code from a specific industry code list

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221,
221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396,
405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
DLM 4000.25

LS	Loop Header	**Pos: 1050**	**Max: 1**
		Detail - Optional	
		Loop: LS	**Elements: 1**

User Option (Usage): Used
Purpose: To indicate that the next segment begins a loop

Semantics:

1. One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Comments:

1. See Figures Appendix for an explanation of the use of the LS and LE segments.

Element Summary:

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
LS01	447	**Loop Identifier Code**	M	AN	1/6	Must use

Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE

LX	Assigned Number	**Pos: 1100**	**Max: 1**
		Detail - Optional	
		Loop: 0312	**Elements: 1**

User Option (Usage): Used
Purpose: To reference a line number in a transaction set

DLMS Note:

1. Use the 2/LX/1100 loop in materiel release confirmation, historical materiel release confirmation, disposal release confirmation, and historical disposal release confirmation transactions to provide unique item tracking (UIT) information, for controlled materiels and when specific items identified by IUID were directed for release under authorized procedures.

2. Use for serial/lot number reporting of ammunition. Authorized DLMS enhancement for inter-service ammunition use. See DLMS introductory note 4f. See ADC 1040.

3. Use for UII, serial number, 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.

4. Use a separate 2/LX/1100 loop for each identified item.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LX01	554	**Assigned Number**	M	N0	1/6	Must use

Description: Number assigned for differentiation within a transaction set
DLMS Note: *In the first 2/LX/1100 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.*

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
DLM 4000.25

N9		Reference Identification	**Pos: 1200**	**Max: >1**
			Detail - Optional	
			Loop: 0312	**Elements: 4**

User Option (Usage): Used
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Syntax Rules:
1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:
1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

DLMS Note:

1. This segment supports item identification based upon the UII or the serial number.

2. 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.

2. This segment also provides for use of a batch/lot number, when applicable.

3. Repeat the N9 segment as needed to identify desired characteristics for the specific item.

4. With the exception of the limited implementation authorized by ADC 1073 in support of the Retail Supply-Transportation Interface, the entire 2/N9/1200 segment is a DLMS enhancement. See introductory DLMS note 4a.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

    Description: Code qualifying the Reference Identification

Code	Name
BT	Batch Number

    DLMS Note:

    1. Use to identify the manufacturer's batch/lot number or other number identifying the production run. The batch/lot number may not exceed 20 characters in accordance with DoD IUID supply policy.

    2. Use when this transaction supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange interface with CMOS to provide the batch/lot number, when available. See ADC 1073.

SE	Serial Number

    DLMS Note:

    1. Use to identify the serial number. The serial number may not exceed 30 characters in accordance with DoD IUID supply policy.

    2. Authorized for intra-DLA use between DLA Disposition Services and DLA Disposition Field Offices to identify the serial number for Small Arms/Light Weapons (SA/LW). DLMS enhancement; Refer to ADC 449.

    3. Use when this transaction supports the Retail Transportation and Supply Receipt and

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 and 1073
DLM 4000.25

Acknowledgement Interchange SBSS interface with CMOS to provide the serial number under PIC NWRM UIT program. Serial number may be used alone for legacy items when UII is not assigned, otherwise use two occurrences of this segment to identify both the serial number and the UII. A maximum of 60 items may be identified for this interface. See ADC 1073.

| | U3 | | Unique Supplier Identification Number (USIN) | | | | |

DLMS Note:

1. Use to identify the UII. The UII may not exceed 50 characters in accordance with DoD IUID Supply Policy.

2. Use when this transaction supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange SBSS interface with CMOS to provide the UII under PIC NWRM UIT program. A maximum of 60 items may be identified for this interface. See ADC 1073.

3. A data maintenance action was approved in version 5020. The approved code/name is UII – "Department of Defense Unique Item Identifier".

N902	127	**Reference Identification**	X	AN	1/50	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier. See introductory DLMS Note 7b.

| N903 | 369 | **Free-form Description** | X | AN | 1/45 | Used |

Description: Free-form descriptive text

| N907 | C040 | **Reference Identifier** | O | Comp | | Used |

Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier
Syntax:
1. P0304 - If either C04003 or C04004 is present, then the other is required.
2. P0506 - If either C04005 or C04006 is present, then the other is required.

| N907-01 | 128 | **Reference Identification Qualifier** | M | ID | 2/3 | Must use |

Description: Code qualifying the Reference Identification

Code	**Name**
0N	Attached To

DLMS Note:

1. Use with N901=BT (Batch Number) for Inter-Service Ammunition to identify the Lot Size for the lot number identified in N902. Authorized DLMS enhancement for inter-service ammunition use.

2. DLMS Component unique enhancement (DIC BG1/BG2, rp 25-29). See introductory DLMS note 4f. See ADC 1040.

| N907-02 | 127 | **Reference Identification** | M | AN | 1/50 | Must use |

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier. See introductory DLMS Note 7b.

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 <mark>and 1073</mark>

DLM 4000.25

G62	Date/Time	**Pos: 1300**	**Max: 10**
		Detail - Optional	
		Loop: 0312	**Elements: 2**

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Syntax Rules:
1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

DLMS Note:
Use to identify dates associated with the UIT item.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	**Date Qualifier**	X	ID	2/2	Must use

Description: Code specifying type of date

Code	Name
36	Expiration Date

DLMS Note:
1. Use for Inter-Service Ammunition to identify the expiration date of the reported item or batch/lot. Authorized DLMS enhancement for inter-service ammunition.

2. DLMS Component unique enhancement (DIC BG1/BG2, rp 9-11). See introductory DLMS note 4f. See ADC 1040.

| BK | Warranty Expiration |

DLMS Note:
1. Use to indicate the date when the materiel warranty expires.

2. DLMS enhancement; See introductory DLMS note 4a.

| BL | Manufacture |

DLMS Note:
1. Use to identify the date of manufacture of the materiel identified.

2. DLMS enhancement; See introductory DLMS note 4a.

| BX | Action |

DLMS Note:
1. Use for Inter-Service Ammunition to identify the maintenance due date (the date that maintenance is due on the item). Authorized DLMS enhancement for inter-service ammunition.

2. DLMS Component unique enhancement (DIC BG1/BG2, rp 9-11). See introductory DLMS note 4f. See ADC 1040.

| G6202 | 373 | **Date** | X | DT | 8/8 | Must use |

Description: Date expressed as CCYYMMDD where
CC represents the first two digits of the calendar year

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221,
221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396,
405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 <mark>and 1073</mark>
DLM 4000.25

N1	Name	**Pos: 1400**	**Max: 1**
		Detail - Optional	
		Loop: 0312	**Elements: 3**

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

DLMS Note:

Use to identify the manufacturer of the UIT item.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

Code	Name
MF	Manufacturer of Goods

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use

Description: Code designating the system/method of code structure used for Identification Code (67)

Code	Name
33	Commercial and Government Entity (CAGE)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/80	Must use

Description: Code identifying a party or other code

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 <mark>and 1073</mark>
DLM 4000.25

LE	Loop Trailer	**Pos: 1650**	**Max: 1**
		Detail - Mandatory	
		Loop: LS	**Elements: 1**

User Option (Usage): Used
Purpose: To indicate that the loop immediately preceding this segment is complete

Semantics:

1. One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Comments:

1. See Figures Appendix for an explanation of the use of the LE and LS segments.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LE01	447	**Loop Identifier Code**	M	AN	1/6	Must use
		Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE				

FA1	Type of Financial Accounting Data	**Pos: 1700**	**Max: 1**
		Detail - Optional	
		Loop: 0314	**Elements: 2**

User Option (Usage): Used
Purpose: To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

Semantics:
1. FA101 Identifies the organization controlling the assignment of financial accounting information.
2. FA102 Identifies the purpose of the accounting allowance or charge information.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FA101	559	**Agency Qualifier Code**	M	ID	2/2	Must use

Description: Code identifying the agency assigning the code values

Code	Name
DF	Department of Defense (DoD)

    DLMS Note:
    Use to indicate that the Component is a Department of Defense agency, including Defense Logistics Agency. Refer to ADC 1043.

Code	Name
DN	Department of the Navy

    DLMS Note:
    Includes the United States Marine Corps.

Code	Name
DY	Department of Air Force
DZ	Department of Army
FG	Federal Government

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FA102	1300	**Service, Promotion, Allowance, or Charge Code**	O	ID	4/4	Must use

Description: Code identifying the service, promotion, allowance, or charge

Code	Name
A170	Adjustments

    DLMS Note:
    Use only for adjustments not specified by any other code.

Code	Name
A520	Base Charge

    DLMS Note:
    Use for materiel charges only.

Code	Name
C930	Export Shipping Charge
D340	Goods and Services Charge

    DLMS Note:
    Use for both materiel and related services.

Code	Name
F060	Other Accessorial Service Charge
F560	Premium Transportation
I260	Transportation Direct Billing

    DLMS Note:
    Use for non-premium transportation.

Code	Name
R060	Packing, Crating, and Handling Charge

DLMS IC 945A Materiel Release Advice

ADC 48 , 48C, 48D, 48E, 76, 77, 121, 161, 165, 169, 191, 197, 205A, 214, 221, 221A, 253, 284, 284A, 316, 316B, 316C, 316D, 344, 347, 373, 381, 381A, 396, 405, 411, 435, 436, 449, 466, 1020, 1034B, 1040, 1043, 1055 <mark>and 1073</mark>

DLM 4000.25

FA2	Accounting Data	**Pos: 1800** **Max: >1**
		Detail - Mandatory
		Loop: 0314 **Elements: 2**

User Option (Usage): Must use
Purpose: To specify the detailed accounting data

DLMS Note:
Use this 2/FA2/180 segment to identify the various components of the line of accounting.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FA201	1196	**Breakdown Structure Detail Code**	M	ID	2/2	Must use

Description: Codes identifying details relating to a reporting breakdown structure tree

Code	Name
B5	Fund Code
I1	Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
L1	Accounting Installation Number

DLMS Note:
Use to indicate the Authorization Accounting Authority (AAA)/Accounting and Disbursing Station Number (ADSN)/Fiscal Station Number (FSN).

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FA202	1195	**Financial Information Code**	M	AN	1/80	Must use

Description: Code representing financial accounting information

SE

Transaction Set Trailer

Pos: 0200　　　　　**Max: 1**
Summary - Mandatory
Loop: N/A　　　　**Elements: 2**

User Option (Usage): Must use
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

　　1. SE is the last segment of each transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		DLMS Note: *Cite the same number as the one cited in ST02.*				

Enclosure 3, Changes to DLM 4000.25, Vol. 3, Chapter 2, Retail Supply and Transportation – Stock Shipments

(*preceding text not shown*)

C2.3.2. Retail Supply Activity. This paragraph provides general procedures for retail supply activities related to the delivery of items to the servicing transportation activity for further shipment.

C2.3.2.1. Pre-Positioned Release Order. For designated supply trading partners, the Defense Automatic Addressing System (DAAS) shall transmit copies of the DLMS 940R, Materiel Release Order/Disposal Release Order/Redistribution Order (Document Identifier Codes (DIC) A2_/A5_/~~A5J/~~A4_) transactions to the designated transportation system to be pre-positioned awaiting actual arrival of cargo from the supply warehouse.

C2.3.2.1.1. For designated supply trading partners (currently limited to the SBSS—CMOS interface) the DLMS 940R, Materiel Release will be used to pass Federal Logistics Information System (FLIS) National Stock Number (NSN) item data (as identified in the 940R) that is not otherwise available to CMOS. This is an interim measure pending establishment of a FLIS interface.

C2.3.2.1.2. For designated supply trading partners (currently limited to the SBSS—CMOS interface), the DLMS 940R, Materiel Release will be used to support the unique item tracking (UIT) program for Positive Inventory Control (PIC) Nuclear Weapon Related Materiel (NWRM). A unique item identifier (UII) and the associated serial number will be passed in the DLMS 940R for each item meeting the PIC NWRM program criteria. For legacy items where the UII has not been marked in accordance with Item Unique Identification (IUID) policy, the serial number alone will be passed. This is an interim measure pending transition to tracking by UII and associated IUID business rules/transactions. DLMS Volume 2, Chapter 19, UIT Procedures applies (with exceptions as noted). Future CMOS releases will include the serial number/UII in the DLMS 945A, Materiel Release Advice transaction.

C.2.3.2.1.3. For designated supply trading partners (currently limited to the SBSS—CMOS interface), an information copy (image) of the Materiel Release 940R will be used in support of Air Force PIC Fusion program data requirements. The routing of an additional information-only copy of the DLMS standard transactions (940R) is authorized for forwarding PIC Fusion data needed for the Air Force UIT registry. This is a specific authorized use with unique identifiers to flag the transaction as information only.[3]

C2.3.2.1.4. Item Unique Identification. For designated trading partners, when NSNs containing an IUID indicator Yes (Y), indicating that DoD IUID Supply Policy is required, the DLMS 940R Materiel Release must contain the UII and/or serial number for each item when available.[4]

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[3] Refer to ADC 316C.
[4] Refer to DLM 4000.25 Volume 2, Chapter 5, Status Reporting, and ADC 1030

C2.3.2.1.5. Updated Pre-Positioned Release Order. In the event required UII and/or serial number information is not transmitted in the initial DLMS 940R to transportation, 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)

C2.3.3.5. Materiel Release Confirmation

C2.3.3.5.1. Initial Materiel Release Confirmation. After the shipment is processed and shipped, the transportation activity generates a DLMS 945A, Materiel Release Confirmation/Disposal Release Confirmation, and sends it to the supply activity, where the shipment status message will be generated and transmitted.

C2.3.3.5.2. Materiel Release Confirmation Changes/Updates. In the event a shipment does not get lifted as originally intended (e.g., shipment is left off the truck), the transportation activities that originate the DLMS 945A Materiel Release Confirmation shall send an updated MRC transaction with all of the changed transportation information to the supply activity to enable the supply activity to prepare an updated DLMS 856A Shipping Status message. See DLM 4000.25 Volume 2, Chapter 4 for detailed procedures for preparation of the MRC change/update message. Examples of changed transportation information would include transportation method code, SCAC, ship date, bill of lading information, and tracking information.

C2.3.3.5.3. Item Unique Identification. When the DLMS 940R contains IUID data content (e.g., UII and/or serial number), perpetuate the IUID content in the DLMS 945A Materiel Release Confirmation to clearly delineate which UIIs/serial numbers were shipped under a particular TCN. When a shipment contains IUID content and is shipped in multiple freight pieces, shippers are NOT authorized to execute the movement of the shipment using multiple freight piece procedures (e.g., citing the same TCN for all boxes). Those shipments must be "partialled" by using the 16th position of the TCN to uniquely identify each freight piece. A separate DLMS 945A MRC will be transmitted for each document number – partial TCN pair, identifying the contents of each freight piece, to include pRFID tag(s) and UII(s) and/or serial numbers.

(intervening text not shown)

C2.3.2.6. Shipment Status Messages

C2.3.2.6.1. Initial Shipment Status Message. When the retail supply activity receives the Materiel Release Confirmation for a multi-pack, the activity *must* associate it with all the document numbers that were contained in the initial Materiel Release Order, generate the required DLMS 856S, Shipment Advice (DIC AS_) shipment status transactions for the multipack, and transmit to DAAS for distribution per existing procedures and trading partner profiles. When the retail supply activity receives the Materiel Release Confirmation for an assemblage (e.g., medical), the activity *will* generate the required DLMS 856S Shipment Status transaction at the Assemblage Identification Number (AIN) level. For all Materiel Release Confirmations, the retail supply activity *will* insert the original distribution code assigned to the

Materiel Release Order/Disposal Release Order/Redistribution Order in lieu of the special distribution code used to denote the retail transportation and supply interchange when generating the shipment status transactions.

       C2.3.2.6.2. <u>Shipment Status Message Updates</u>. In the event a shipment does not get lifted as originally intended (e.g., shipment is left off the truck) and the retail supply activity receives an updated DLMS 945A, Materiel Release Confirmation message from the retail transportation activity, then the retail supply activity shall generate an updated DLMS 856S, Shipment Status transaction to convey the changed transportation information. See DLM 4000.25, Volume 2, Chapter 5 for detailed procedures. Examples of changed transportation information would include transportation method code, standard carrier alpha code (SCAC), ship date, bill of lading information, and tracking information.

       C2.3.2.6.3. <u>Unique Item Identification.</u>[5] Shipment Status for NSNs containing an IUID indicator Yes (Y), indicating that DoD IUID Supply Policy is required, must contain the UII and/or serial number for each item when available. Refer to DLM 4000.25 Volume 2, Chapter 5, Status Reporting; paragraph C5.1.3.5. contains specific shipment status requirements for IUID.

(following text not shown)

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[5] Refer to DLM 4000.25 Volume 2, Chapter 5, Status Reporting, and ADC 1030

Enclosure 4

Comment Resolution for PDC 1073:

Originator	Response/Comment	Disposition
Marine Corps	Concur without comment.	Noted.
DLA	Concur with comment. We haven't received a J6 impact statement yet, so we don't know what would be involved to meet this PDC at this time. Looks like there would be changes in both SAP and DSS.	There should be no impact to SAP since this particular interface is between the storage activity and transportation, when they're operated by different AIS'. There should be no impact to DSS at this time, as they have not yet implemented the Retail Supply-Transportation Interchange (also known as the ADC 316 interface) as documented in DLM 4000.25, Volume 3. If at some future point DSS does implement the interface with a Military Service system, then this ADC would apply.
Army	Comments. Q1. We believe it will work, assuming the "partial TCN with UIIs attached for just that partial" concept works. We believe this may be a big problem with transporters because they will have to change their transportation business processes for IUID. Example: Transportation will have to change their culture on mixed pallets because they will have to maintain the partial TCN integrity. It may be a potential problem with the Air Force transporting Army equipment.	A1. The partial TCN requirement (requested by USTRANSCOM and coordinated with the DTEB and DTR lead at USTRANSCOM) is not a new requirement introduced by this DLMS change. It was previously coordinated and approved by the Supply PRC under ADC 1030; this ADC is just perpetuating this previously approved requirement. This restriction only applies at the lowest level of shipment

Originator	Response/Comment	Disposition
		unit. This does not prohibit transportation officers from doing transportation consolidations (e.g., pallets, seavans). The DTEB 856A handles that level of consolidation today, by documenting the parent-child relationship of consolidated TCNs to shipment unit TCNs. As long as the shipment unit TCN-document number integrity is preserved, per DTR 4500.9-R policy, consolidation and deconsolidation actions for the parent TCNs can be done; the DLMS 856S preserves the shipment unit level integrity and contains the UIIs. This alleviates the requirement for DTEB transportation transactions from having to be modified to carry UIIs and for transportation officers having to verify UIIs while materiel is intransit.
	Q2. Another concern from CECOM and TYAD is the IUID indicator switch will not be functional until 2017, while DOD assuming full IUID implementation in 2015.	A2. DLA Logistics Information Services recently reported out that the IUID Indicator will be available in the FLIS MDC in December 2013. Also, this ADC is updated to authorize staggered implementation as supply systems update their current supply-transportation interface with CMOS, with the goal to be completed by 2017.
	Q3. Another concern is to check that the field lengths of the serial number and UII matched with the Army EIB requirements.	A3. This is an internal Army issue to resolve. The serial number lengths remain unchanged from current implementations of the IC. The 940R and 945A UII field length

Originator	Response/Comment	Disposition
		allocated in the DLMS IC is consistent with the DOD standard of not to exceed 50 positions.
Air Force	Concur with comment. Add implementation language "no earlier than December 2014 and require coordination for testing with the CMOS PMO prior to that date. Goes in CMOS 7.7 release." Please update the PDC as follows: Add a new qualifier to the W05 Segment of the 940R (for 940Rs / distribution code = '111'). This identifies to CMOS the 940R is an update for the addition of UIIs. Eventually ILS-S will have the UIIs available up front and then the UIIs can be added to the initial 940R.	Noted. Implementation information updated in the ADC.
Navy	Concur without comment.	Noted.
DLA Transaction Services	Concur w/comment. Q1. What is the reasoning for creating a 4030 version of 945A? Version 4010 supports this. Q2. CMOS does not generate DLMS transactions but furnishes a UDF that DLA Transaction Services must translate to DLMS	Noted. A1. The maximum field length for the N902 in the 945 was increased from 30 to 50 in version 4030. This enables the entire UII value to be carried in a single field and not have to be split between the N902 and N903 as is currently mapped in the 4010. A2. Noted. As a part of the CMOS implementation, CMOS would have to update their UDF maps with DLA Transaction Services to facilitate transformation to DLMS.

Originator	Response/Comment	Disposition
USTRANSCOM	Approves.	Noted.