



LOGISTICS AND  
MATERIEL READINESS

## OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

3000 DEFENSE PENTAGON  
WASHINGTON, DC 20301-3000

DLM 4000.25, Volume 3, December 7, 2012  
Change 1

### DEFENSE LOGISTICS MANAGEMENT SYSTEM VOLUME 3, TRANSPORTATION CHANGE 1

I. This change to DLM 4000.25, Defense Logistics Management System (DLMS), Volume 3, June 2012, is published-by direction of the Deputy Assistant Secretary of Defense for Supply Chain Integration under the authority of DoD Instruction (DoDI) 4140.01, "DoD Supply Chain Materiel Management Policy," December 14, 2011. Unless otherwise noted, revised text in the manual is identified by ***bold, italicized*** print. The exception would be when the entire chapter or appendix is replaced, or a new one added.

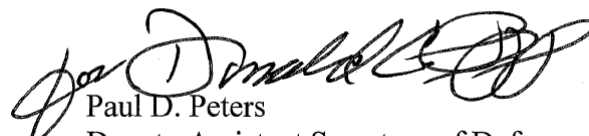
II. This change includes Approved Defense Logistics Management System (DLMS) Changes (ADC) published by DLA Logistics Management Standards Office memorandum. ADC 1024 dated August 14, 2012, Updates the Logistics Data Resources Management System (LOGDRMS) for the Transportation Codes Used in Supply Transactions by adding a new Chapter 4.

III. The list below identifies the chapters, appendices or other files from the manual that are replaced by this change:

#### **Replaced Files**

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Chapter 4

IV. This change is incorporated into the on-line DLMS manual at the DLA Logistics Managements Standards Website [www.dla.mil/j-6/dlms/eLibrary/manuals/dlm/dlm\\_pubs.asp](http://www.dla.mil/j-6/dlms/eLibrary/manuals/dlm/dlm_pubs.asp) and the PDF file containing the entire set of change files is available at [www.dla.mil/j-6/dlms/eLibrary/Manuals/DLMS/formal\\_changes.asp](http://www.dla.mil/j-6/dlms/eLibrary/Manuals/DLMS/formal_changes.asp)

  
Paul D. Peters  
Deputy Assistant Secretary of Defense  
for Supply Chain Integration

# VOLUME 3 – TRANSPORTATION

## PROCESS CHANGE HISTORY

ADC Number	Date	Change Description	Change Number
305	10/23/2008	<p><b>Revision to DOD 4000.25-M, DLMS Manual, Volume 3 - Transportation.</b>                      This administrative change establishes Volume 3 of the DLMS Manual to establish governance in the form of DoD standard procedures and data and transactions for the interchange of information between the logistics and transportation domains. Incorporates front matter, Chapter 1 - Introduction, and Chapter 3 - Passive RFID Transactions, with DLMS Supply Process Review Committee and United States Transportation Command's Defense Transportation Electronic Business (DTEB) Committee. Revises DLMS Volume 3, Transportation and moves Volume 2, Chapter 24, Passive Radio Frequency Identification (RFID) to Volume 3, Transportation, Chapter 3, Passive Radio Frequency Identification (RFID) Transactions.</p>	0
316	2/19/2009	<p><b>Retail Transportation and Supply Receipt and Acknowledgement Transactions.</b> This ADC approves a standardized interchange (through the use of electronic data interchange (EDI)) and set of business processes between retail transportation and supply activities through the use of the standard DLMS Warehouse Shipping Order (940R) and Warehouse Shipping Advice (945A). This 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. Revises DLMS Supplements 940R, Warehouse Shipping Order, and 945A, Warehouse Shipping Advice. DLMS Volume 2, Chapter 2, Retail Transportation and Supply Interchange.</p>	0

ADC Number	Date	Change Description	Change Number
316A	6/26/2009	<p><b>USAF Requirements for Item Record Data and Unique Item Tracking (UIT) using the Materiel Release (DLMS Supplement 940R) under Transportation and Supply Receipt and Acknowledgement Interchange.</b> This change enhanced the Standard Base Supply System (SBSS) - Cargo Movement Operations System (CMOS) interface in association with implementation of the ADC 316 procedures for retail transportation and supply receipt and acknowledgement interchange. The change will allow SBSS to perpetuate selected item record (NSN) data and serialized control numbers/unique item identifiers (UII) in the 940R Materiel Release <b>transaction</b>. Revises Chapter 1, Introduction, and Chapter 2, Retail Supply and Transportation Interchange.</p>	0
316B	6/26/2009	<p><b>New Distribution Code (111) for the Retail Transportation and Supply Receipt and Acknowledgement Interchange for the 940R and 945A.</b> This change clearly identifies the transaction used for the Retail Transportation and Supply Receipt and Acknowledgement Interchange. The Distribution Code 1 has been replaced by the new code 111. Revises Volume 3, Transportation, Chapters 1, Introduction, and 2, Retail Supply and Transportation Interchange, as well as, DLMS (4030) 940R, Materiel Release, and (4010) 945A, Materiel Release Advice.</p>	0
316C	1/15/2010	<p><b>Revise DLMS Supplement 940R Materiel Release and DLMS Supplement 945A Materiel Release Advice, to Support Unique Item Tracking for Air Force Positive Inventory Control (PIC) under the Retail Transportation and Supply Receipt and Acknowledgement Interchange.</b> This addendum to ADC 316 (Retail Transportation and Supply Receipt and Acknowledgement Transactions), authorizes the generation of an information copy of the 940R and 945A transactions (Distribution Code 111) for a specific Air Force PIC NWRM need. Revises Chapter 2, Retail Supply and Transportation Interchange, DLMS 940R, Materiel Release, and DLMS 945A, Materiel Release Advice.</p>	0
316D	8/3/2010	<p><b>Air Force-Unique Document Identifier Code Mappings to 940R under the Retail Transportation and Supply Receipt and Acknowledgement Transactions.</b> This change revises Document Identifier Codes (DIC) FTA and FTR will be replaced by new DICs XAA and XAR, respectively. The maps for the XAA and XAR are at Enclosure 1. Since the data content for the Air Force DIC FTA/FTR is not MILSTRIP-compliant, this DIC change is necessary to avoid confusion with MILSTRIP compliant FTA/FTR transactions, which map to DLMS 180M, Materiel Returns Reporting, and DLMS 870M, Materiel Returns Supply Status, respectively. Revises DLMS (4030) 940R, Materiel Release, and DLMS (4030) 945A, Materiel Release Advice. No Manual revisions.</p>	0

ADC Number	Date	Change Description	Change Number
395	9/1/2010	<p><b>Request for New Transportation Activity Processing Supply Status Code.</b> This change uses Supply Status Code BX that enables the transportation activity to report a more detailed supply status in response to a follow-up inquiry from supply. The Supply Status Code BX provides transportation with a more descriptive status message back to supply, to report that the item for shipment has not yet arrived at the transportation activity for in-check. Revises Chapter 2, Retail Transportation and Supply Interchange (Stock and Non-Stock Shipments).</p>	0
397	10/26/2009	<p><b>Deletion of the Passive RFID Reader ID Number from the Reader Registration Table.</b> This change deletes the requirement for reporting the pRFID Reader ID Number in the XML Reader Registration transaction. There is no system changes required from deleting the Reader ID Number entry from the table in the DLMS Manual, since the data element is not carried in the XML pRFID transactions. Revises Reader Registration and Visibility Transaction Data Requirements Tables in Chapter 3, Passive Radio Frequency Identification Transactions.</p>	0
407	12/27/2010	<p><b>Requirements for Unique Item Tracking (UIT) in the DLMS Supply Status (870S) Supporting the Cargo Movement Operations System (CMOS) Interface.</b> This change will allow for the inclusion of UII and/or Serial Number data in DLMS 870S transactions in support of the supply transportation interchange. The supply status applicable to this change is generated by ILS-S (Air Force retail supply system), authorizes the generation of an information copy of the 870S to satisfy a specific Air Force PIC NWRM need, and establishes a new qualifier to identify the retail supply activity generating the supply status. Revises Chapter 2, Retail Supply and Transportation Interchange (Stock and Non-Stock Shipments).</p>	0
411	4/12/2011	<p><b>Update Functionality for DLMS 856S Shipment Status and DLMS 945A Material Release Advice.</b> This change adds a new Replacement Indicator (BSN02 = RR) to flag the 856S, Shipment Status, transaction as an updated shipment status, a new Status Reason Code (BSN07 = A40) to advise the submitter to the status update, a new Replacement Indicator (W0602 = RR Replace) to advise the submitter, a new Replacement Indicator (W0602 = RR Replace) to advise the ICP to flag the transaction as an updated Material Release Confirmation (MRC), and adds a new Shipping Date Change Reason Code (W0610 = 13) to advise the ICP that the shipper submitted an updated MRC and revises DLMS 945A, Material Release Confirmation. Revises DLMS 856S, Shipment Status, and DLMS 945A, Material Release Confirmation. Revises Chapter 2, Retail Supply and Transportation Interchange (Stock and Non-Stock Shipments).</p>	0

ADC Number	Date	Change Description	Change Number
417	4/27/2011	<p><b>Shipment Status for Local Delivery Manifested, Outbound MILS Shipments on Behalf of On-Base Customers, Re-Warehousing Actions between Distribution Depots, and non-MILS Shipments to Off-Base Customers, with Passive Radio Frequency Identification (RFID).</b> This change documents procedures for use of the DS 856S, Shipment Status, for passive RFID tagging for shipments that are either local delivery manifesting to base customers, outbound MILS shipments on behalf of on-base customers, re-warehousing actions/transshipments between Distribution Depots, or non-MILS shipments to off-base customers. Revises DLMS (4030) 856R, Shipment Status Material Returns, and Chapter 3, Passive Radio Frequency Identification (RFID) Transactions.</p>	0
1024	8/14/12	<p><b>Update Logistics Data Resources Management System (LOGDRMS) for the Transportation Codes Used in Supply Transactions.</b> This change modifies the source location of transportation reference tables previously found in LOGDRMS and used for DLMS supply transactions. Adds Chapter 4, Transportation Reference Tables for DLMS Transactions.</p>	1

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## C4. CHAPTER 4

### TRANSPORTATION REFERENCE TABLES FOR DLMS TRANSACTIONS

C4.1. GENERAL. This chapter documents procedures for the use and maintenance of transportation reference tables used in Defense Logistics Management Standard (DLMS) Supply transactions. The USTRANSCOM Reference Data Management (TRDM) is the authorized data repository source for transportation reference tables. The Logistics Data Repository Management System (LOGDRMS) maintains a list of authorized DLMS Logistics Qualifiers that are associated to selected TRDM reference tables. To ensure synchronicity and ease of access to the code lists, this chapter outlines the transportation reference tables to be accessed in TRDM via LOGDRMS and documents the change management process for these tables.

#### C4.2. APPLICABILITY AND SCOPE

C4.2.1. This guidance is applicable to DLMS Supply transactions that use certain transportation reference table information.

C4.2.2. See Table C4.T1 for the list of the applicable qualifiers and DLMS Supplement number references.

Table C4.T1. Transportation Reference Tables and DLMS Supply Transactions

Qualifier	LOGDRMS Table Name (DLMS Logistics Qualifier Name)	DLMS Supplement Uses
33	Air Commodity and Special Handling Code	856N, 650A
34	Water Commodity and Special Handling Code	856N, 650A
35	Air Dimension Code	856N
36	Air Terminal Identifier Code	810L, 856S, 945A
37	Water Terminal Identifier Code	810L, 856S, 945A
38	Consolidation and Containerization Point Code	856S, 945A
39	Transportation Mode or Method Code	812R
*9	Transportation Method/Type Code Conversion Guide	180M, 527R, 810L, 856N, 856R, 856S, 940R, 945A.
40	Type Pack Code	856N
*A	Type of Pack Conversion Guide	None
42	Estimated Time of Arrival Code	527R
45	Standard Carrier Alpha Code (SCAC)	856, 856S, 940R, 945A
BD	Transportation Priority Code	511M, 511R, 856N, 856S, 869F, 870M, 940R

C4.3. PROCESS OVERVIEW. The DLMS logistics qualifier codes in Table C4.T1 are used in logistics DLMS transactions to identify transportation related information.



C4.3.1. LOGDRMS will maintain a list of authorized logistics qualifier codes associated with TRDM transportation reference tables. The metadata in LOGDRMS will define the DLMS data element name, the TRDM table name as the alias, a definition along with any special business rules associated with the construct/use of the table, and the TRDM URL and table name containing the list of authorized code values.

C4.3.2. LOGDRMS will maintain the Transportation Method/Type Code and Type of Pack Conversion Guides, both metadata as defined in C4.3.1. and the code lists.

C4.3.3. TRDM will maintain the transportation reference tables and a website that is accessible by users from the logistics domain.

**C4.4. CROSS REFERENCE OF LOGDRMS AND TRDM TABLE NAMES**

C4.4.1. Table C4.T2 establishes a cross reference of the LOGDRMS logistics qualifiers and table names to the TRDM table names.

Table C4.T2. New TRDM Transportation Reference Table Names

Qualifier	DLMS Qualifier Title (ATR)	TRDM Table Name(s)
33	Air Commodity and Special Handling Code	Air-Commodity Air-Special-Handling Mail-Air-Special-Handling Air-Commodity-Handling
34	Water Commodity and Special Handling Code	Water-Commodity Water-Type-Cargo Water-Special-Handling
35	Air Dimension Code	Shipment-Unit-Piece Air Dimension Code
36	Air Terminal Identifier Code	Aerial-Port
37	Water Terminal Identifier Code	Water-Port
38	Consolidation and Containerization Point Code	Consolidation-Containerization-Point
39	Transportation Mode or Method Code	Transportation-Method
*9	Transportation Method/Type Code Conversion Guide	Transportation-Method
40	Type Pack Code	Type-Pack
*A	Type of Pack Conversion Guide	Type-Pack
42	Estimated Time of Arrival Code	Estimated-Time-of-Arrival Code
45	Standard Carrier Alpha Code (SCAC)	Standard-Carrier-Alpha
BD	Transportation Priority Code	Transportation-Priority

C4.4.2. The DLMS data element, Air Commodity and Special Handling Code, is a concatenation of the TRDM air commodity code and the applicable special handling code tables.

C4.4.3. The DLMS data element, Water Commodity and Special Handling Code is a concatenation of the TRDM water commodity, water type cargo, and water special handling codes.

#### C4.5. REFERENCE TABLE CHANGE MANAGEMENT PROCESS

C4.5.1. Logistics Domain-Requested Changes. The change management process for DLMS standards is contained in DLM 4000.25, Volume 1, Chapter 3, Change Management. The change management process for logistics domain-requested changes to these reference tables must be coordinated through the DLMS Supply Process Review Committee (PRC), USTRANSCOM and the TRDM Program Management Office (PMO). The requested changes will be subject to the Proposed DLMS Change (PDC) process, and provided for review by the Supply PRC members. USTRANSCOM is a voting member of the Supply PRC, and the TRDM PMO is on distribution for all DLMS changes. The general rules that apply to the change management process for review of the proposed changes are as follows:

C4.5.1.1. Proposed DLMS Changes (PDC) must be submitted to DLA Logistics Management Standards Office for coordination and comment with the Supply PRC, USTRANSCOM, and TRDM.

C4.5.1.2. DLA Logistics Management Standards Office will evaluate proposed changes and provide comments and analysis or recommendations.

C4.5.1.3. Staffing progress and current status of the proposed changes will be shown on the DLA Logistics Management Standards Office website.

C4.5.1.4. There will be a resolution process for objections or comments of note, subject to the review of the Supply PRC members.

C4.5.1.5. Upon completion of the comment resolution process, proposed changes must be coordinated with USTRANSCOM and the TRDM PM. Upon review and implementation approval by USTRANSCOM, an Approved DLMS Change (ADC) will be released to the Supply PRC, with concurrent configuration documentation released by the TRDM PMO to its stakeholders.

C4.5.2. Transportation Domain-Requested Changes. The change management process for TRDM standards is documented in USTRANSCOM standard operating procedures. Once the change is approved via the TRDM configuration management process and loaded into TRDM, DLA Logistics Management Standards Office will receive an email notification from the TRDM website.

C4.5.2.1. Minor Changes to the Reference Table. DLA Logistics Management Standards Office will prepare an administrative ADC for release to the Supply PRC announcing the change. An example of a minor change is the introduction of a new code value to a table.

C4.5.2.2. Significant Changes to the Reference Table. DLA Logistics Management Standards Office will release a PDC to the Supply PRC for coordination. PRC comments/non-concurrences must be coordinated with USTRANSCOM and the TRDM PMO for resolution. Upon satisfactory resolution, the DLA Logistics Management Standards Office will release the ADC formally announcing the table changes to the Supply PRC. If the results of comment resolution require a change by the TRDM PMO, the ADC will be released concurrent with the TRDM change. An example of a significant change is a modification of the metadata (e.g., field length changed from two positions to three positions, deletion of an existing code).