OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
3000 DEFENSE PENTAGON
WASHINGTON, DC 20301-3000

LOGISTICS AND
MATERIEL READINESS

DLM 4000.25, Volume 3, June 16, 2015
Change 4

DEFENSE LOGISTICS MANAGEMENT STANDARDS
VOLUME 3, TRANSPORTATION
CHANGE 4

I. This change to DLM 4000.25, Defense Logistics Management Standards (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. Change 4 also includes administrative updates not marked by bold italics, to include changing "shall" to "will" per a style change for DoD issuances and updating "Defense Logistics Management System" to "Defense Logistics Management Standards."

II. This change includes Approved Defense Logistics Management Standards (DLMS) Changes (ADC) published by Defense Logistics Management Standards Office memorandum:

A. ADC 1007C dated July 31, 2014. Documented new and revised codes for use in processing Product Quality Deficiency Reports (PQDR) and updated the DLMS IC 842P as approved for implementation. Revises Chapter 4 and DLMS IC 842P.

B. ADC 1073 dated January 24, 2014. Implemented inclusion of the IUID content in the standardized retail supply and transportation interchange for stock shipments using the DLMS 940R Materiel Release and the DLMS 945A Materiel Release Advice. Revises Chapter 2 and DLMS Implementation Conventions (ICs) 945A and 940R.

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

Added or Replaced Files

Change History Page
Table of Contents
Chapter 2
Chapter 4

IV. This change is incorporated into the on-line DLMS manual at the Defense Logistics Managements Standards Website www.dla.mil/j-6/dlmso/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/dlmso/eLibrary/Manuals/DLMS/formal_changes.asp

Ms. Dee Reardon
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	**Revision to DOD 4000.25-M, DLMS Manual, Volume 3 - Transportation.** 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.	0
316	2/19/2009	**Retail Transportation and Supply Receipt and Acknowledgement Transactions.** 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.	0

ADC Number	Date	Change Description	Change Number
316A	6/26/2009	**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.** 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 Material Release **transaction.** Revises Chapter 1, Introduction, and Chapter 2, Retail Supply and Transportation Interchange.	0
316B	6/26/2009	**New Distribution Code (111) for the Retail Transportation and Supply Receipt and Acknowledgement Interchange for the 940R and 945A.** 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, Material Release, and (4010) 945A, Material Release Advice.	0
316C	1/15/2010	**Revise DLMS Supplement 940R Material Release and DLMS Supplement 945A Material Release Advice, to Support Unique Item Tracking for Air Force Positive Inventory Control (PIC) under the Retail Transportation and Supply Receipt and Acknowledgement Interchange.** 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, Material Release, and DLMS 945A, Material Release Advice.	0
316D	8/3/2010	**Air Force-Unique Document Identifier Code Mappings to 940R under the Retail Transportation and Supply Receipt and Acknowledgement Transactions.** 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, Material Returns Supply Status, respectively. Revises DLMS (4030) 940R, Material Release, and DLMS (4030) 945A, Material Release Advice. No Manual revisions.	0

ADC Number	Date	Change Description	Change Number
395	9/1/2010	**Request for New Transportation Activity Processing Supply Status Code.** 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).	0
397	10/26/2009	**Deletion of the Passive RFID Reader ID Number from the Reader Registration Table.** 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.	0
407	12/27/2010	**Requirements for Unique Item Tracking (UIT) in the DLMS Supply Status (870S) Supporting the Cargo Movement Operations System (CMOS) Interface.** 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).	0
411	4/12/2011	**Update Functionality for DLMS 856S Shipment Status and DLMS 945A Material Release Advice.** 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).	0

ADC Number	Date	Change Description	Change Number
417	4/27/2011	**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).** 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.	0
1007C	7/31/2014	**Code Updates to the DLMS 842P Product Quality Deficiency Report (PQDR) Data Exchange.** Documents new and revised codes for use in processing Product Quality Deficiency Reports (PQDR) and updates the DLMS Implementation Convention (IC) 842P as approved for implementation. This change also includes minor corrections of typographical errors and clarification for appropriate use of specific data elements and administrative updates to convert the DLMS supplement to an IC. This change also establishes the DLMS as the authoritative code source for selected PQDR-related data elements. Revises Chapter 4, Transportation Reference Tables for DLMS Transactions and DLMS 842P.	4
1024	8/14/12	**Update Logistics Data Resources Management System (LOGDRMS) for the Transportation Codes Used in Supply Transactions.** 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.	1
1024A	9/26/12	**Update Logistics Data Resources Management System (LOGDRMS) Air Dimension Code Definition and Incorporate Subscription Process to USTRANSCOM Reference Data Management (TRDM) System.** This administrative change corrects the definition of air dimension code in LOGDRMS, incorporates the TRDM subscription process into the DLMS manual, and updates the DLMS usage for Transportation Mode or Method Code and the corresponding Conversion Guide. Revises Chapter 4, Transportation Reference Tables for DLMS Transactions, and adds Appendix 1, USTRANSCOM Reference Data Management (TRDM) Repository Information.	2

ADC Number	Date	Change Description	Change Number
1055	3/27/2013	**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.** This change adds a transportation in-checker code and the name of the in-checker to DLMS Supplement 945A, when the storage and transportation activities are operating under the Retail Supply and Transportation Interchange procedures. Revises Chapter 2, Retail Supply and Transportation Interchange-Stock Shipments, as well as DLMS 945A.	3
1073	1/24/2014	**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.** Implements inclusion of the IUID content in the standardized retail supply and transportation interchange for stock shipments using the DLMS 940R Materiel Release and the DLMS 945A Materiel Release Advice, when the distribution code in those transactions is 111. This change also establishes a new version of the DLMS Implementation Convention (IC) for the 945A, based on ASC X12 Version/Release 4030. Revises Chapter 2, Retail Supply and Transportation - Stock Shipments and DLMS 945A and 940R.	4

TABLE OF CONTENTS

VOLUME 3: TRANSPORTATION

Page

FOREWORD 1

CHANGE HISTORY PAGE 2

TABLE OF CONTENTS ***7***

CHAPTER 1 INTRODUCTION

C1.1. GENERAL C1-1
C1.2. POLICY C1-1
C1.3. APPLICABILITY C1-1
C1.4. COMMITTEES……. C1-2
C1.5. NONCOMPLIANCE C1-2

CHAPTER 2 RETAIL SUPPLY AND TRANSPORTATION INTERCHANGE-STOCK SHIPMENTS

C2.1. GENERAL C2-1
C2.2. BACKGROUND……. C2-1
C2.3. STOCK SHIPMENT PROCEDURES C2-1

CHAPTER 3 PASSIVE RADIO FREQUENCY IDENTIFICATION

C3.1. GENERAL C3-1
C3.2. APPLICABILITY AND SCOPE C3-1
C3.3. PROCESS OVERVIEW…….. ..... C3-1
C3.4. READER REGISTRATION PROCESS C3-2
C3.5. READER REGISTRATION DATA REQUIREMENTS C3-2
C3.6. VISIBILITY TRANSACTION PROCESS C3-4
C3.7. VISIBILITY TRANSACTION DATA REQUIREMENTS C3-5
C3.8. VISIBILITY RESPONSE TRANSACTION PROCESS C3-6
C3.9. VISIBILITY RESPONSE TRANSACTION DATA REQUIREMENTS C3-6
C3.10. DATA STORAGE PROCESS…… C3-7
C3.11. PASSIVE RFID AND SHIPMENT STATUS C3-8

CHAPTER 4 TRANSPORTATION REFERENCE TABLES FOR DLMS TRANSACTIONS

C4.1. GENERAL C4-1
C4.2. APPLICABILITY AND SCOPE C4-1
C4.3. PROCESS OVERVIEW…….. ..... C4-2
C4.4. CROSS REFERENCE OF LOGDRMS AND TRDM TABLES NAMES…… C4-2
C4.5. REFERENCE TABLE CHANGE MANAGEMENT PROCESS C4-3

APPENDICES

AP1 APPENDIX 1, USTRANSCOM REFERENCE DATA MANAGEMENT (TRDM) REPOSITORY INFORMATION……AP1-1

TABLES

Table	Title	
C3.T1.	Passive RFID Reader Registration Data Requirements	C3-3
C3.T2.	Passive RFID Visibility Transaction Data Requirements	C3-5
C3.T3.	Passive RFID Visibility Response Transaction Data Requirements	C3-6
C4.T1.	Transportation Reference Tables and DLMS Supply Transactions	C4-1
C4.T2.	New TRDM Transportation Reference Table Names	C4-2

FIGURES

Figure	Title	
C2.F1.	Retail Transportation and Supply Data Interchange	C2-6
C3.F1.	pRFID Data Flow (Between Site and DLA Transaction Services)	C3-8

C2. CHAPTER 2

RETAIL SUPPLY AND TRANSPORTATION INTERCHANGE – STOCK SHIPMENTS

C2.1. GENERAL. This chapter provides procedures for use in retail transportation and supply processes related to the transportation in-check of cargo from a supply warehouse and subsequent outbound shipment by the servicing transportation activity. These procedures create a virtual warehouse between supply and transportation by standardizing a supply-transportation interchange, and provide in-transit visibility and accountability of government assets shipped in the Defense Transportation System (DTS). The transactions provide users with an electronic method of obtaining shipment data and status on specific line items upon inquiry.

C2.2. BACKGROUND. This section documents a standardized interchange of information between retail transportation and supply through the use of Electronic Data Interchange (EDI) transactions. For materiel requirements processed using Military Standard Requisitioning and Issue Procedures (MILSTRIP) legacy 80 record position transactions and Defense Logistics Management Standards (DLMS) procedures, the standardized interchange employs DLMS 940R, Materiel Release and DLMS 945A, Materiel Release Advice. This standard provides retail supply systems the ability to pre-position release order data in transportation, to submit follow-up status messages to transportation requesting updated shipment status, and to submit cancellation requests to transportation for release orders already turned over to transportation for shipment planning and execution. The standard also provides retail transportation systems the capability to provide supply status messages to supply, to provide cancellation response messages to supply, and to submit materiel release confirmation messages to supply when the materiel has shipped.

C2.3. STOCK SHIPMENT PROCEDURES

C2.3.1. Supply and Transportation Systems. Initially there are five Automated Information Systems (AISs) that are expected to use this standardized interchange between retail transportation and supply activities. They are the Defense Medical Logistics Standard Support (DMLSS), Global Combat Support System – Marine Corps (GCSS-MC), USAF Expeditionary Combat Support System (ECSS), and the Standard Base Supply System (SBSS), which represent the supply systems for their respective business areas, and the Cargo Movement Operations System (CMOS), which represents the transportation system. Systems other than the five systems above, planning to use these standardized interchange transactions to implement a similar capability must coordinate with DLA Logistics Management Standards office and United States Transportation Command (USTRANSCOM) prior to attempting to implement the interchange.

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) will transmit copies of the DLMS 940R, Materiel Release Order/Disposal Release Order/Redistribution Order (Document Identifier Codes (DIC) A2_/A5_/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.[1]

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.[2]

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

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

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.

C2.3.2.2. Delivery and In-Check. The supply activity will make local deliveries of the items to be shipped to the servicing transportation activity. The line items will be in-checked by the transportation activity based on the cargo and the documentation received from the supply activity.

C2.3.2.3. Shipment Documentation. The materiel for shipment will be delivered to the servicing transportation activity by the retail supply activity accompanied by a DD Form 1348-1A, Issue Release/Receipt Document, (IRRD). DLM 4000.25-1, Military Standard Requisitioning and Issue Procedures (MILSTRIP), Chapter 5, documents procedures for the use and generation of the IRRD.

C2.3.2.4. Follow-up Requests. The supply system will initiate DLMS 940R, Materiel Release Inquiry/Disposal Release Inquiry (DIC AF6/AFJ) message for follow-up requests. Based upon elapsed time from either the initial release of the Materiel Release Order/Disposal Release Order/Redistribution Order or the estimated shipping date from the Materiel Release Advice/Disposal Shipment Advice, the supply system will initiate the inquiry using normal follow-up procedures as documented in DLM 4000.25-1, Chapter 2. The only exceptions relate to multi-packs (see paragraph C2.3.6. below) and assemblages (e.g., medical (see paragraph C2.3.7. below)).

C2.3.2.5. Cancellation Requests. The supply system will initiate DLMS 940R, Materiel Release Cancellation/Disposal Release Cancellation (DIC AC6/ACJ) message for cancellation requests. DLM 4000.25-1, Chapter 2 prevails; the only exceptions relate to multi-packs (see paragraph C2.3.6. below) and assemblages (e.g., medical (see paragraph C2.3.7. below)).

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. Shipment Status Message Updates. 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 will 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. Unique Item Identification.[3] 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.

C2.3.3. Servicing Transportation Activity. This paragraph provides general procedures for servicing transportation activities upon local delivery of items for shipment (received from retail supply).

C2.3.3.1. In-Check. Upon local delivery of the item (from retail supply) to the transportation activity customer service area, transportation personnel will in-check the items as follows:

C2.3.3.1.1. Either scan the DD Form 1348-1A, IRRD using a handheld scanner or manually in-check the document numbers into the transportation system.

C2.3.3.1.2. Generate DLMS 945A, Materiel Release Advice/Disposal Shipment Advice (DIC AE6/AEJ) in-check status message and send it to the supply activity electronically.

C2.3.3.1.3. When CMOS is the servicing transportation activity, the in-check status message will include the transportation in-checker identification code (three position numeric value) and the associated in-checker full name in the format of First Name Middle Initial Last Name, with no special characters (e.g., periods, commas) to separate the components of the full name. If there is no middle initial, then insert NMN (no middle name) in place of the middle initial. Optional contact information may include phone numbers (e.g., commercial, DSN, international, and fax) and electronic mail. If more than three types of contact information are required, repeat the X12 PER segment, not to exceed two repetitions.

C2.3.3.2. Hold Status. Subsequent to in-check and prior to materiel release confirmation, if the cargo is placed in transportation hold status, additional DLMS 945A, Materiel Release Advice/Disposal Shipment Advice (DIC AE6/AEJ) status messages will be sent by transportation to supply.

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

C2.3.3.3. Status/Follow-up Response. The transportation system will respond to a follow-up request using DLMS 945A, Materiel Release Advice/Disposal Shipment Advice (DIC AE6/AEJ) supply status message.

C2.3.3.4. Cancellation Response. The transportation system will generate a DLMS 945A, Materiel Release Advice/Disposal Shipment Advice (DIC AE6/AEJ) status message with applicable status code indicating acknowledgement of the cancellation requirements.

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 will 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.

C2.3.3.6. Transaction Information Copy. For designated supply trading partners (currently limited to the SBSS–CMOS interface), an information copy (image) of the DLMS 945A, Materiel Release Advice will be used in support of Air Force PIC Fusion program data requirements. The routing of an additional information-only copy of the DLMS 945A, Materiel Release Advice transaction 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.

C2.3.4. DLA Transaction Services Processing. DLA Transaction Services will route transactions between designated supply and transportation systems based on mutual agreements between the trading partners. This includes both DLMS compliant and MILSTRIP legacy transaction compliant systems.

C2.3.4.1. Cargo Movement Operations System. The Cargo Movement Operations System (CMOS) will be capable of receiving DLMS compliant DLMS 940R, Materiel Release and transmitting DLMS 945A, Materiel Release Advice messages.

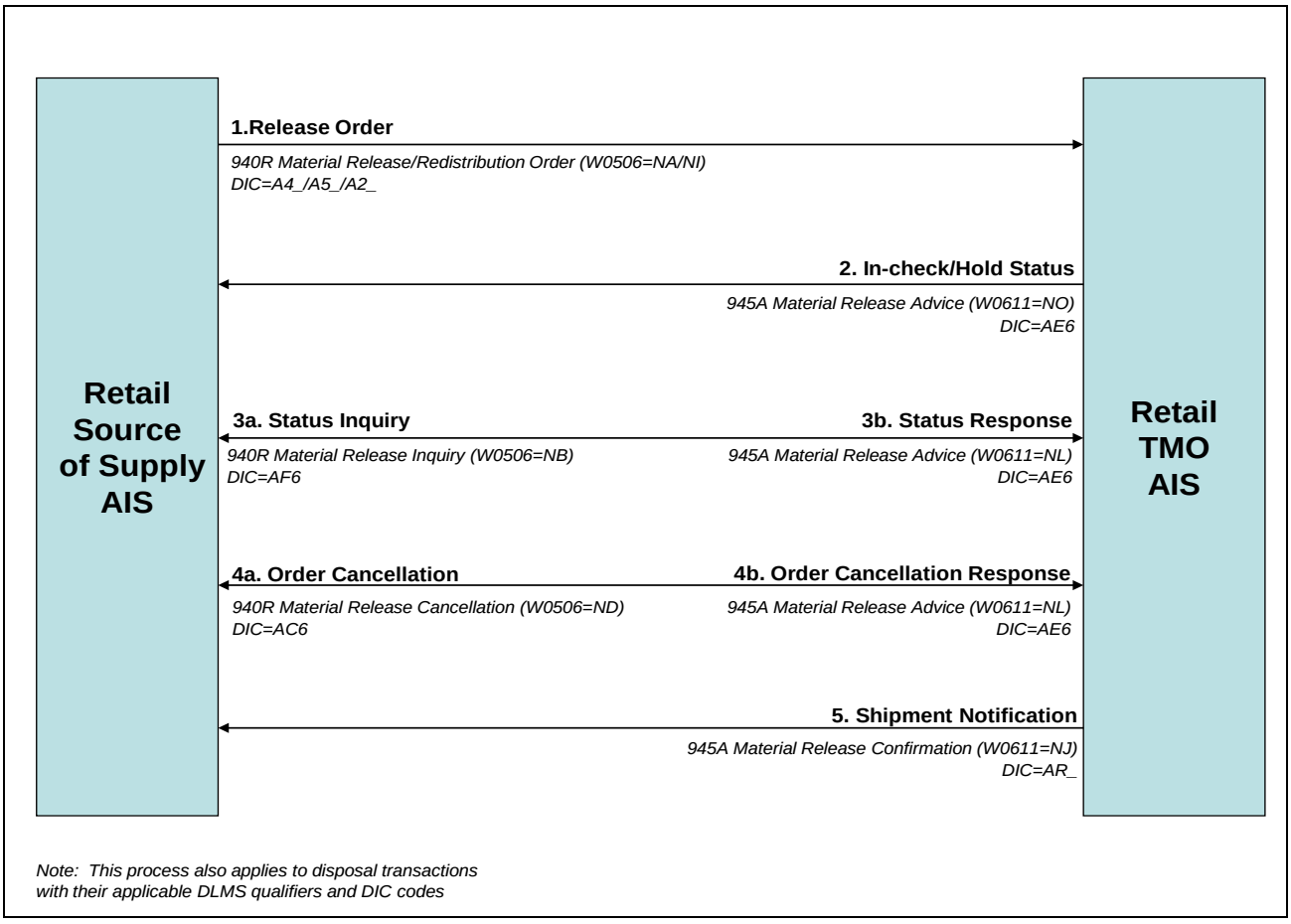
C2.3.4.2. Supply Systems. Depending on whether the supply system is DLMS compliant, DLA Transaction Services will process the transactions as follows:

C2.3.4.2.1. DLMS Compliant Systems. If the supply system is DLMS compliant, DLA Transaction Services will not transform the transactions to/from MILSTRIP legacy transactions, based on established trading partner profiles held by DLA Transaction Services. If the supply system is DLMS compliant and is exchanging information about multi-packs, the W0507 data element in the DLMS 940R, Materiel Release and W0612 data element in the DLMS 945A, Materiel Release Advice will carry Action Code CN. For assemblages (e.g., medical), the W0507 data element in the DLMS 940R, Materiel Release and W0612 data element in the DLMS 945A, Materiel Release Advice will carry Action Code ME. For interchanges other than multi-packs and assemblages, the W0507 data element in the DLMS 940R, Materiel Release and the W06112 data element in the DLMS 945A, Materiel Release Advice will carry Action Code A6. Additionally, DLMS 940R and DLMS 945A will have Distribution Code 111. These action codes and Distribution Code 111 will denote the applicability of special procedures authorized under this Chapter and authorize the use of selected EDI segments and loops to denote contents of multi-packs and assemblages.

C2.3.4.2.2. MILSTRIP Legacy Transaction Compliant Systems. If the supply system is MILSTRIP legacy transaction compliant, Distribution Code 111 will be identified to denote the applicability of special procedures authorized under this Chapter. Normally DLA Transaction Services will transform the transactions to/from MILSTRIP legacy formats based on existing maps, except when there is a Distribution Code 111 in DLMS 945A, Materiel Release Advice/Disposal Shipment Advice messages from the transportation system. Distribution Code 111 authorizes the following actions: use of DIC AE6/AEJ for unsolicited supply status responses by the transportation system; use of transportation hold and delay codes in DIC AE6/AEJ (rp51) by the transportation system in addition to its normal usage in the Materiel Release Confirmation; and use of DIC AE6/AEJ in lieu of DIC AG6/AGJ as a cancellation response by transportation system to facilitate usage of the supply status and transportation hold and delay codes.

C2.3.5. Retail Transportation and Supply Interchange. Figure C2.F1 shows the standard transactions that will occur between retail supply and the transportation activity for the business processes covered in this chapter.

Figure C2.F1 – Retail Transportation and Supply Data Interchange



C2.3.5.1. DLMS and MILSTRIP Legacy Transaction Designations. To denote a transaction is in support of the Retail Transportation and Supply Receipt and Acknowledgement Interchange, it will contain the designated action code and/or distribution code as delineated below:

C2.3.5.1.1. Action Code (Other than Multi-packs and Assemblages (e.g., Medical))

C2.3.5.1.1.1. DLMS 940R (W0507) = A6

C2.3.5.1.1.2. DLMS 945A (W0612) = A6

C2.3.5.1.2. Action Code (Multi-Packs and Assemblages (e.g., Medical))

C2.3.5.1.2.1. Multi-Packs. DLMS 940R (W0507) = CN and DLMS 945A (W0612) = CN

C2.3.5.1.2.2. Assemblages. DLMS 940R (W0507) = ME and DLMS 945A (W0612) = ME

C2.3.5.1.3. Distribution Code

C2.3.5.1.3.1. DLMS 940R and DLMS 945A LQ01 = AK and LQ02 = 111

C2.3.5.1.3.2. MILSTRIP legacy transaction distribution code = 111.

C2.3.5.2. Pre-Positioned transactions from Supply. For designated supply trading partners, DLA Transaction Services will transmit copies of DLMS 940R, Materiel Release Order/Disposal Release Order/Redistribution Order (DICs A2_/A5_/A5J/A4_) transactions to the designated transportation system to be pre-positioned awaiting actual arrival of cargo from the supply warehouse. The applicable transactions can be readily identified by use of Distribution Code = 111. Additionally, the action code in DLMS 940R (W0507) and DLMS 945A (W0612) will be either A6, CN, or ME.

C2.3.5.3. Receipt/In-Check of Cargo by Transportation. Upon physical receipt/in-check of cargo by transportation, the transportation system will self-initiate a DLMS 945A, Materiel Release Advice/Disposal Shipment Advice (DIC AE6/AEJ) supply status response message to notify the supply activity via DLA Transaction Services that the property has been received. Since there was no initial DLMS 940R, Materiel Release Inquiry/Disposal Release Inquiry (DIC AF6/AFJ) follow-up request prompting the status message, the American National Standards Institute, Accredited Standards Committee X12 (X12) Code NO will be inserted in the W0611 data element to denote that this is being used by transportation to report cargo processing status prior to materiel release confirmation, and X12 code A6 will be inserted in the W0612 data element to denote that the supply status response is part of the Retail Transportation and Supply Receipt and Acknowledgement Interchange. To facilitate mapping of the DLMS 945A, Materiel Release Inquiry/Disposal Release Inquiry to a MILSTRIP legacy DIC AE6/AEJ transaction, the Distribution Code will carry a value of 111 to inform DLA Transaction Services of the special routing and generation of an unsolicited supply status message and to authorize the use of the transportation hold and delay code in lieu of a signal code for a supply status response, in addition to the Materiel Release Confirmation where it normally is reported. If the materiel is later placed into a transportation hold status, such as awaiting air clearance, a self-initiated DLMS 945A, Materiel Release Advice/Disposal Shipment Advice supply status message will be generated for every reportable status change prior to shipment. The W06, LQ, and G62 segment values in the DLMS 945A, Materiel Release Advice/Disposal Shipment Advice for this step are as follows:

C2.3.5.3.1. In-Check Reporting. To report in-check of cargo, W0611 = NO and W0612 = A6; LQ01 = AK and LQ02 = 111; LQ01 = 81 and LQ02 = BA; G6201 = 17 and G6202 = estimated shipping date in CCYYMMDD format.

C2.3.5.3.2. Transportation Hold and Delay Reporting. To report a transportation hold and delay status, W0611 = NO and W0612 = A6; LQ01 = AK and LQ02 = 111; LQ01 = BC and LQ02 = authorized code values from the Transportation Hold Code table located at the following web address:

https://www-tmds.c2.amc.af.mil/TMDS G6201 = 17 and G6202 = estimated shipping date in CCYYMMDD format.

C2.3.5.4. Status Inquiry and Response. The supply system will initiate a DLMS 940R, Materiel Release Inquiry/Disposal Release Inquiry (DIC AF6/AFJ) message for follow-up requests to inquire on the status of a release order turned over to transportation for shipping; the W0507 data element will carry an A6 to denote that the follow-up request is part of the Retail Transportation and Supply Receipt and Acknowledgement Interchange. Based upon elapsed time from either the initial release of the Materiel Release Order/Disposal Release Order/Redistribution Order or the estimated shipping date from the Materiel Release Advice/Disposal Shipment Advice, the supply system will initiate the inquiry using normal follow-up procedures, with communications via DLA Transaction Services. The transportation system will respond to a follow-up request with a DLMS 945A, Materiel Release Advice/Disposal Shipment Advice supply status response message with an A6 in the W0612 data element and Distribution Code 111 to denote that the supply status response is part of the Retail Transportation and Supply Receipt and Acknowledgement Interchange. Distribution Code 111 also authorizes the use of the transportation hold and delay code in lieu of the signal code, as applicable for a supply status response, in addition to the Materiel Release Confirmation where it normally is reported. The W06, LQ, and G62 segment values in the DLMS 945A, Materiel Release Advice/Disposal Shipment Advice for this step are as follows:

C2.3.5.4.1. Materiel Release Order

C2.3.5.4.1.1. W0611 = NL

C2.3.5.4.1.2. W0612 = A6

C2.3.5.4.1.3. LQ01 = AK and LQ02 = 111

C2.3.5.4.2. Disposal Release Order

C2.3.5.4.2.1. W0611 = NQ

C2.3.5.4.2.2. W0612 = A6

C2.3.5.4.2.3. LQ01 = AK and LQ02 = 111.

C2.3.5.4.3. To report the applicable supply status code, LQ01 = 81 and LQ02 = authorized code values from DLM 4000.25-1, Appendix 2.16. Typical status codes that may be reported by transportation are BA to denote the item is being processed for release and shipment (in-checked) or BF to denote that transportation has no record of the document for the follow-up request, or BX to indicate that pre-positioned data on the item from shipment was received from supply but the item has not yet arrived at the transportation activity for in-check. When providing a BA status, G6201 = 17 and G6202 = estimated shipping date in CCYYMMDD format.

C2.3.5.4.4. To report a transportation hold and delay status, LQ01 = AK and LQ02 = 111; LQ01 = BC and LQ02 = authorized code values from the Transportation Hold Code table located at the following web address https://www-tmds.c2.amc.af.mil/TMDS G6201 = 17 and G6202 = estimated shipping date in CCYYMMDD format.

C2.3.5.5. Cancellation Requests and Responses. The supply system will initiate a DLMS 940R, Materiel Release Cancellation/Disposal Release Cancellation (DIC AC6/ACJ) message when it wants to issue a cancellation request to the transportation system for release orders that have already been turned over to transportation for shipping; the W0507 data element will carry an A6 to denote that the cancellation request is part of the Retail Transportation and Supply Receipt and Acknowledgement Interchange. Normal cancellation request procedures will apply. The transportation system will respond to the cancellation request with a DLMS 945A, Materiel Release Advice/Disposal Shipment Advice message, with an A6 in the W0612 data element. The distribution code will carry a value of 111 to inform DLA Transaction Services of the use of the supply status response (MILSTRIP legacy DIC AE6/AEJ format) as part of the Retail Transportation and Supply Interchange. In addition to Distribution Code 111 identifying the retail interface, it also authorizes the use of supply status codes, as a response to the cancellation request. DLMS 945A, Materiel Release Advice/Disposal Shipment Advice (W0611), (W0612), and LQ01/02 data element values for this step are as follows:

C2.3.5.5.1. Materiel Release Order

C2.3.5.5.1.1. W0611 = NL

C2.3.5.5.1.2. W0612 = A6

C2.3.5.5.1.3. LQ01 = AK and LQ02 = 111

C2.3.5.5.2. Disposal Release Order

C2.3.5.5.2.1. W0611 = NQ

C2.3.5.5.2.2. W0612 = A6

C2.3.5.5.2.3. LQ01 = AK and LQ02 = 111.

C2.3.5.5.3. To report the applicable supply status code associated with the cancellation response, LQ01 = 81 and LQ02 = authorized code values from DLM 4000.25-1, Appendix 2.16. Typical status codes that may be reported by transportation are BF to denote that transportation has no record of the document for the cancellation request, BQ to denote that the cancellation request is confirmed and the release order is no longer being processed for shipment, and B8 to denote that the quantity requested for cancellation cannot be processed because the item has already been shipped.

C2.3.5.6. Shipment Notification (Materiel Release Confirmation). Once the materiel is shipped, the transportation system will initiate a DLMS 945A, Materiel Release Confirmation/Disposal Release Confirmation (DIC AR_) message to notify the supply system via DAAS that the materiel has been shipped. The W0612 data element will contain an A6 and Distribution Code 111. Upon receipt of a DLMS 945A, Materiel Release Confirmation/Disposal Release Confirmation (DIC AR_), the supply system will transmit, via DAAS, the required DLMS 856S, Shipment Advice (DIC AS_) messages to the designated recipients following normal supply business rules. Note: the retail supply system will apply the original distribution code in lieu of the specially assigned code value of 111 in the shipment status messages. The W06, LQ, and G62 segment values in the DLMS 945A, Materiel Release Confirmation/Disposal Release Confirmation for this step are as follows:

C2.3.5.6.1. Materiel Release Order

C2.3.5.6.1.1. W0611 = NJ

C2.3.5.6.1.2. W0612 = A6

C2.3.5.6.1.3. LQ01 = AK and LQ02 = 111

C2.3.5.6.2. Disposal Release Order

C2.3.5.6.2.1. W0611 = NM

C2.3.5.6.2.2. W0612 = A6

C2.3.5.6.2.3. LQ01 = AK and LQ02 = 111.

C2.3.5.6.3. Partial Transportation Control Numbers. If the shipment is partialed into multiple TCNs (e.g., alpha character other than X in record position 16), the W12 sub-loop will be repeated for each related partial TCN (e.g., record positions 1-15 are identical) with the TCN and the document number for the shipment identified in the N9/0040 segment.

C2.3.6. Multi-Pack Processing Procedures. This paragraph provides procedures for use when processing multi-packs.

C2.3.6.1. DLMS Compliant Supply Systems

C2.3.6.1.1. DLMS 940R, Materiel Release. DLMS 940R will be used as a multi-line document transaction to identify the lead document number for a multi-pack and the document numbers contained within the multi-pack. The authorization to do this will be carried in the W0507/0200 data element with a value CN. For materiel and disposal release orders and redistribution orders, the N9/0900 segment will contain the lead document number assigned to the multi-pack, from which the transportation control number will be derived/assigned. The W01 Loop (Loop ID 0310) will be repeated for each document number associated with the multi-pack including the lead document

number identified in N9/0900. Follow-up requests will only be at the lead document number level, with it identified in the N9/0400 segment in the W01 loop; no looping of the W01 is required; however, the following values will be used to satisfy X12 syntax compliance: W0101 = 1, W0102 = MX, W0104 = ZZ, and W0105 = MIXED. Cancellation requests will contain the single line Materiel Release Order document number, and the transportation system will recognize that the document number being used may not be the lead document number, but may still be part of a multi-pack. Cancellation will be attempted for all items/quantities for which a DD Form 1348-1A has been released and there is no record of transportation release, unless the dollar value of a single line packed in a consolidated shipment unit is less than $200, per DLM 4000.25-1, Chapter 3.

C2.3.6.1.2. DLMS 945A, Materiel Release Advice. DLMS 945A will be used as a multi-line document transaction to identify the transportation control number (and partial TCNs) and lead document number associated to it. The authorization to do this will be carried in the W0507/0200 data element with a value CN. Status responses will only be at the lead document number level, with it identified in the W12 loop in the N9/0040 segment and the W1207 data element will carry a ZZ with the word “MIXED” in the W1208 data element to denote a multi-pack with mixed commodities. For cancellation responses, the response will be at the single line document number level. For materiel release confirmation when the multi-pack is not partialed into multiple TCNs, the transaction will be processed as a single line transaction with the TCN and the lead document number identified in the W12 sub-loop, and the W1207 data element will carry a ZZ with the word “MIXED” in the W1208 data element. If the multi-pack is partialed into multiple TCNs (e.g., alpha character other than X in record position 16), the W12 sub-loop will be repeated for each related partial TCN (e.g. record positions 1-15 are identical) with the TCN and the lead document number for the multi-pack identified in the N9/0040 segment and the W1207 data element will carry a ZZ with the word “MIXED” in the W1208 data element. When the retail supply activity receives the Materiel Release Confirmation, the activity will associate it with all the document numbers that were contained in the initial Materiel Release Order, generate the required DLMS 856S, Shipment Advice shipment status transactions for the multi-pack, and transmit to DAAS for distribution per existing procedures and trading partner profiles.

C2.3.6.2. MILSTRIP Legacy Compliant Supply Systems

C2.3.6.2.1. DLMS 940R, Materiel Release. DLMS 940R will be transformed by DLA Transaction Services from the MILSTRIP legacy transaction release order into a single line item order, as it is normally done today. The transportation system will in-check the multi-pack by either scanning or manually loading the lead document number; the transportation operator will then have to read the individual DD Form 1348-1A contained within the pack list to in-check the items individually and associate them to the lead document number. The TCN will be derived from the lead document number. Follow-up and cancellation requests will contain the single line Materiel Release Order document number. For cancellations, the transportation system will recognize that the document number used may not be the lead document number, but may still be part of a multi-pack. Cancellation will be attempted for all items/quantities for which a DD Form 1348-1A has been released and there is no record of transportation release, unless the

dollar value of a single line packed in a consolidated shipment unit is less than $200, per DLM 4000.25-1, Chapter 3.

C2.3.6.2.2. DLMS 945A, Materiel Release Advice. For status and cancellation responses, the message will be originated by the transportation system at the single line item transaction, comparable to the single line item DLMS 940R, Materiel Release received from the supply system; it will be transformed by DLA Transaction Services into a single line MILSTRIP legacy DIC AE6/AEJ transaction at the Materiel Release Order document number level. For materiel release confirmations, the transportation system will originate the transaction at the single line item level, comparable to the single line item DLMS 940R, Materiel Release received from the retail supply system; DLA Transaction Services will transform the message into individual MILSTRIP legacy DIC AR_ transactions with the appropriate TCN (or partial TCN) mapped to the document numbers cited in the N9/0040 segment within the W12 sub-loop.

C2.3.7. Assemblage (e.g., Medical) Processing Procedures. This paragraph provides procedures for assemblage processing and the associated transactions between supply and transportation for shipment requirements. Refer to Volume 2, Chapter 20, Medical Unit Assembly Program, for related procedures used by the medical supply system to construct assemblages.

C2.3.7.1. DLMS Compliant Supply Systems

C2.3.7.1.1. DLMS 940R, Materiel Release. The DLMS 940R will be used as a multi-line document transaction to identify the Assemblage Identification Number (AIN) for an assemblage and the internal document numbers contained within the assemblage. The authorization to do this will be carried in the W0507/0200 data element with a value ME. The N9/0900 segment will contain the AIN assigned to the assemblage, from which the transportation control number will be derived/assigned. The W01 (Loop ID 0310) loop will be repeated for each internal document number associated with the assemblage, with the information associated with the AIN being the first loop. Follow-up and cancellation requests will be only at the AIN level (no looping of the W01 is required); however, the following values will be used to satisfy X12 syntax compliance: W0101 = 1, W0102 = MX, W0104 = ZZ, and W0105 = “MIXED”. The lead document number will be in the W01 loop in the N9/0400 segment.

C2.3.7.1.2. DLMS 945A, Materiel Release Advice. The DLMS 945A will be used as a multi-line document transaction to identify the transportation control number (and partial TCNs) and AIN associated to it. The authorization to do this will be carried in the W0612/0200 data element with a value ME. Status and cancellation responses will only be at the lead AIN level, with it identified in the W12 loop in the N9/0040 segment, and the W1207 data element will carry a ZZ with the word “MIXED” in the W1208 data element to denote an assemblage with mixed commodities; no looping of the W12 is required. For materiel release confirmation when the assemblage is not partialed into multiple TCNs, the transaction will be processed as a single line transaction with the TCN and the AIN identified in the W12 sub-loop, and the W1207 data element will carry a ZZ with the word “MIXED” in the W1208 data element. If the assemblage is partialed into

multiple TCNs (e.g., alpha character other than X in record position 16), the W12 sub-loop will be repeated for each related partial TCN (e.g. record positions 1-15 are identical) with the TCN and the AIN for the assemblage identified in the N9/0040 segment, and the W1207 data element will carry a ZZ with the word "MIXED" in the W1208 data element. When the retail supply activity receives the Materiel Release Confirmation, the supply activity will generate the required DLMS 856S, Shipment Advice shipment status transaction at the AIN level for the assemblage.

C2.3.7.2. MILSTRIP Legacy Compliant Supply Systems

C2.3.7.2.1. DLMS 940R, Materiel Release. DLMS 940R will be transformed by DLA Transaction Services from the MILSTRIP legacy release order into a single line item for the entire assemblage as a single unit. The transportation system will in-check the assemblage by scanning or manually loading the AIN and process the assemblage as a single shipment unit. The TCN will be derived from the AIN. Follow-up and cancellation requests must only be at AIN level; no looping of the W01 is authorized.

C2.3.7.2.2. DLMS 945A, Materiel Release Advice. For status and cancellation responses, the message will be originated by the transportation system at the single line item transaction, comparable to the single line item DLMS 940R Materiel Release received from the supply system; it will be transformed by DLA Transaction Services into a single line MILSTRIP legacy DIC AE6/AEJ transaction at the AIN level. For materiel release confirmations, the transportation system will originate the transaction at the single line item level, comparable to the single line item DLMS 940R received from the retail supply system; DLA Transaction Services will transform the message into individual MILSTRIP legacy equivalent DIC AR_ transactions with the appropriate TCN (or partial TCN) mapped to the AIN cited in the N9/0040 segment within the W12 sub-loop.

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, 869A
*9	Transportation Method/Type Code Conversion Guide	180M, 527R, 810L, 856ASN, 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)	***842P,*** 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 not prepare an administrative ADC to the Supply PRC announcing the change. Logistics systems maintaining these tables for use by supply transactions may establish either a system-to-system interface or a subscription service to TRDM to ensure tables are kept current as TRDM publishes changes. An example of a minor change is the introduction of a new code value or code definition 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).