



SUSTAINMENT

## OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

3500 DEFENSE PENTAGON  
WASHINGTON, DC 20301-3500

### MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE

SUBJECT: Approved Defense Logistics Management Standards Change 1463, Update Retail Transportation and Supply Receipt and Acknowledgement Process (Transshipment) in the DLMS Environment (Supply)

The Defense Logistics Management Standards change, as outlined in the attachment, is approved for implementation.

Addressees may direct questions to Dr. Gail Fuller, e-mail: [DEDSO.Supply@dla.mil](mailto:DEDSO.Supply@dla.mil). Others must contact their designated PRC representative available at <https://www.dla.mil/Defense-Data-Standards/Committees/Contacts/>.

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Deputy Assistant Secretary of Defense  
for Logistics

Attachment:  
As stated

cc:  
OUSD(C)  
DLA J6DS

# **Approved Defense Logistics Management Standards Change 1463 Update Retail Transportation and Supply Receipt and Acknowledgement Process (Transshipment) in the DLMS Environment**

## **1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:**

a. **Technical POC:** Defense Logistics Agency (DLA) J345, Transportation Policy, Wayne Howard, email: [wayne.howard@dla.mil](mailto:wayne.howard@dla.mil).

b. **Functional POC:** DLA J345, Asset Management (In-transit Visibility and Accountability), David Stieger, email: [david.stieger@dla.mil](mailto:david.stieger@dla.mil).

## **2. REASON FOR CHANGE:**

### **a. Bottom Line Up-Front:**

(1) This change incorporates several qualifiers required to identify Defense Logistics Management Standards (DLMS) 940R Materiel Release transactions for the sole purpose of requesting transportation only services (better known as transshipment) from DLA. In addition, this change will discontinue the use of Distribution Code 111 for transshipments. Today, DoD Components use materiel release transactions with distribution code 111 to transship materiel. However, Distribution Code 111 doesn't distinguish a transshipment action from a standard Materiel Release Order (MRO). Improper identification causes unnecessary denials directly affecting the warehouse performance metrics. This change is co-dependent with references 10.a. and 10.c.

(2) This change replaces Approved DLMS Changes (ADC) 316 and 316B in their entirety (reference 10.d. and 10.f.).

### **b. Background:**

(1) ADC 316 and 316B were established to enable the movement of cargo from retail activities using wholesale transportation. However, the lack of distinct qualifiers in the transaction made this process inefficient and is causing unnecessary inventory record adjustments. In addition, these changes will not be implemented by DLA Warehousing Management System (WMS). To continue using wholesale transportation from DLA, impacted retail systems must implement this change.

(a) ADC 316A - *USAF Requirements for Item Record Data and Unique Item Tracking (UIT) using the Materiel Release (DLMS Implementation Convention 940R) under Transportation and Supply Receipt and Acknowledgement Interchange* provides the capability to transfer shipment data to the Integrated Logistics Support System (ILSS) - Cargo Movement Operations System (CMOS) interface. It is important that this process continues as programmed. References pertaining the use of the distribution code 111 should be replaced with the appropriate X12 references.

**(b) ADC 316C - Revise DLMS Implementation Convention 940R**  
*Material Release and DLMS Implementation Convention 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* authorizes the generation of an information copy of the 940R and 945A transactions (Distribution Code “111”) for a specific Air Force PIC Nuclear Weapons-Related Materiel (NWRM) need. This change utilizes the established standardized interchange between retail transportation and supply using EDI transactions, specifically the Material Release, 940R, and Material Release Advice 945A. As stated in the change, DAAS will send image transactions of the DLMS 940R and/or DLMS 945A as applicable to other parties when indicated in the N1 segment.

**(c) h. ADC 316D - Air Force-Unique Document Identifier Code**  
*Mappings to 940R under the Retail Transportation and Supply Receipt and Acknowledgement Transactions* incorporates several DLMS notes to further explain that cancellation request for assemblages will be done at the lead document number. Notes will be updated as necessary to align with the current process.

**(2) ADC 316B - New Distribution Code (111) for the Retail Transportation and Supply Receipt and Acknowledgement Interchange for the 940R and 945A** established Distribution Code 111 to pre-position actual arrival of cargo from a co-located service owned storage activity into DLA. The code was necessary to support MILS customers. However, the code itself is not sufficient to prevent from transshipments being denied as they appear to be the same as a standard MRO. Currently this is an issue affecting US Marines whenever they inquiry about an outstanding pre-positioned actual arrival of cargo and the shipment is still pending check-in. In response, DLA and US Marines submitted this change to standardize transshipments using elements only available in a variable length environment and ensure the inquiry process for transshipment does not result in denials. Upon approval of this change, distribution code 111 will no longer be authorized for use. Defense Enterprise Data Standards Office (DEDSO) will be adding/updating the appropriate implementation conventions to ensure transshipments are properly identified and prevent any further denials.

**(3) This change, ADC 1460 - Pre-position Release Orders,** incorporates qualifiers RA - Release Against Assortment and CR - Change to Release to enable materiel owners to pre-position release orders ahead of upcoming inbound shipments. This process will help expedite the issue of materiel from receipt. Once approved this change enables materiel owners to leverage these qualifiers in combination with a new transaction type code when requesting the movement of cargo from retail using wholesale transportation services. The combination of the new transaction type code and the qualifiers updates in ADC 1460 will help prevent further confusion with standard MROs and prevent the request from being rejected prior to the cargo check-in.

### **3. CHANGE IN DETAIL:**

#### **a. Technical Details:**

**(1) Under DLMS 940R Materiel Release (W0506/0200):**

**(a)** Add a new transaction type code CU - Cargo Release Order. This new qualifier will identify the transaction as a transportation of cargo only release order and will avoid further confusion with standard MROs. This new type of release order is not a balance affecting action therefore, there will be no changes to inventory records. For serially managed items, the retail site must provide all serial numbers and/or UII associated with the cargo.

**(b)** Add a new transaction type code CC - Cargo Release Cancellation. This new qualifier will allow retail sites to submit a request for cancellation of a previously submitted cargo release order. This new type of release order is not a balance affecting action therefore, there will be no changes to inventory records. For serially managed items, the retail site must provide all serial numbers and/ or UII associated with the cargo.

**(2)** Under DLMS 945A Materiel Release (W0611/0200):

**(a)** Add a new transaction type code CJ - Cargo Release Confirmation. The new qualifier will enable a transportation/warehousing system of record to send confirmation of shipment in response to a cargo release order. This new type of confirmation is not a balance affecting action therefore, there will be no changes to inventory records.

**(b)** Add a new transaction type code 56 - Cargo Release Denial. The new qualifier will help distinguish a denial to a cargo release order vs standard denial. This new type of denial is not a balance affecting action therefore, there will be no changes to inventory records. The new qualifier will allow a transportation/warehousing system of record to deny a cargo release order when any of the following conditions apply:

**1.** The originator of the cargo release order submitted a request for cancellation via the DLMS 940R Materiel Release transaction.

**2.** After 45 days, cargo was not checked-in by the transportation or warehouse system of record.

**3.** The transportation/warehousing system of record cannot move forward with the request. The appropriate management code is required to convey the reason for denial.

**(3)** The new transaction type codes CU and CC will be used in combination with qualifiers RA - Release Against Assortment or CR - Change to Release as necessary to ensure the transaction is not processed until the transportation/warehousing system of record process a cargo check-in. See reference 10.c. for details.

**(4)** Discontinue the use of Distribution Code 111 Inter-Component use for Retail Transportation and Supply Receipt and Acknowledgement Interchange. This code was originally established to support the transportation of cargo from retail as stated under reference 10.e. When DoD Components transport cargo via this process, the materiel is not at a wholesale storage activity and no accountable record exist. The retail storage activity initiating the request retains custodial responsibility until the cargo is surrender to transportation. The code itself doesn't differentiate a standard MRO from a transportation of cargo request leading to potential denials and inaccurate inventory adjustments.

(5) Update status code BQ definition under Appendix 7.16. Status code BQ will help transportation/warehousing system of records respond to unsuccessful cancellation request from the retail site. See section 6.a. for the new definition.

**b. Revised Transaction Flow:**

(1) DoD Component transmit a DLMS 940R MRO, W0506/RC/0200, W0508/RA/0200 to indicate the need for transportation of cargo. The transaction will remain on hold in the transportation/warehousing system of record awaiting check-in.

(2) The transportation/warehousing system of record will hold inbound cargo release orders waiting for cargo until one of the reasons below applies:

(a) The originator of the cargo release order submitted a request for cancellation via the DLMS 940R Materiel Release transaction.

(b) After 45 days, cargo was not checked-in by the transportation/warehouse system of record.

(c) The transportation/warehousing system of record cannot move forward with the request. The appropriate management code is required to convey the reason for denial.

(3) Upon check-in, Wholesale will transmit a DLMS 945A Materiel Release Confirmation (MRC), W0611/NO/0200, W1201/UR/0200, and the appropriate status code (BA) to retail as confirmation.

(4) For inquiries, the DoD Component will transmit a DLMS 940R MRO, W0506/NB/0200, W0507/82/0200 to wholesale. In response, wholesale will transmit either an image copy of the most recent action (checked-in, on-hold, confirmation, denial) or a DLMS 945A with the appropriate status code back to retail. Inquiries will be done at the lead document number for assemblages.

(5) Retail may submit a request for cancellation of a previously submitted cargo release order via the DLMS 940R Cargo Release Cancellation transaction. In response, the transportation/warehousing system of record will transmit a DLMS 945A Cargo Release Denial transaction to confirm the cancellation was successful. Cargo release orders may only be cancelled before checked in. When the cancellation is not successful, the transportation and/or warehousing system of record will reply via the DLMS 945A Cargo Release Denial, status code BQ.

(6) Once the transportation has been arranged for the cargo, wholesale will transmit a DLMS 945A as confirmation. The cargo will then be released to transportation.

**4. IMPLEMENTATION TARGET:** The new DLA Warehousing Management System (WMS) will not support the Distribution Code 111. DoD Components who need these services from wholesale must coordinate with DLA and implement as soon as possible. The

transportation of cargo only will not be available under legacy environments. DAAS will plan for implementation within 180 days from approval of this change.

## **5. TECHNICAL IMPACT:**

### **a. Additions or Changes to Data Elements:**

(1) Incorporate qualifier CU and CC in the DLMS 940R Materiel Release transaction mapping as stated in enclose 2.

(2) Incorporate qualifiers CJ and 56 in the DLMS 945A materiel release advice transaction mapping as stated in enclosure 2.

### **b. Automated Information Systems (AIS):**

(1) Retail sites and transportation systems currently using distribution code 111 will be impacted.

(2) United States Transportation Command (USTRANSCOM) will be impacted with the cancellation of ADC 316B.

(3) USTRANSCOM systems Integrated Development Environment/Global Transportation Network (IGC) and Global Air Transportation Execution System (GATES) will be impacted and will plan for implementation. All other USTRANSCOM systems are unaffected by this change.

(4) Defense Property Accountability System (DPAS) and WMS will be impacted.

(5) Retail sites using DLA WMS wholesale transportation must coordinate with DLA and schedule to implement as soon as possible but prior to WMS go live. DLA WMS will not be implementing Distribution Code 111.

### **c. Defense Automatic Addressing System (DAAS):**

(1) Incorporate the new data elements and qualifiers as stated in enclosure 2 in the appropriate transaction mapping.

(2) DAAS will need to perform an impact assessment on routing rules and identify any necessary cleanup because of this change.

(3) ADC 316A - *USAF Requirements for Item Record Data and Unique Item Tracking (UIT) using the Materiel Release (DLMS Implementation Convention 940R) under Transportation and Supply Receipt and Acknowledgement Interchange* provides the capability to transfer shipment data to the ILSS – CMOS interface. It is important this process continues as documented. Any references to distribution code 111 should be replaced with the appropriate X12 reference.

(4) ADC 316C - *Revise DLMS Implementation Convention 940R Material Release and DLMS Implementation Convention 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* authorizes the generation of an information copy of the 940R and 945A transactions (Distribution Code “111”) for a specific Air Force PIC NWRM need. This change utilizes the established standardized interchange between retail transportation and supply using EDI transactions, specifically the Material Release, 940R, and Material Release Advice 945A. As stated in the change, DAAS will send image transactions of the DLMS 940R and/or DLMS 945A as applicable to other parties when indicated in the N1 segment.

## **6. PUBLICATION/POLICY IMPACT:**

### **a. Defense Logistics Manual (DLM) 4000.25:**

(1) Update Volume 3, Transportation, Chapter 2, *Retail Supply and Transportation - Stock Shipments* as shown in enclosure 1.

(2) Update Volume 2, Appendix 7.16, *Status Codes* as shown in enclosure 1.

### **b. Non-DLM 4000.25 Publications: none.**

**7. ASSUMPTIONS:** DLMS compliant systems will no longer use Distribution Code 111 upon approval of ADC 1463.

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

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

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

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

**9. END-TO-END TESTING REQUIREMENTS:** None.

## **10. REFERENCES:**

**a.** DLM 4000.25, *Defense Logistics Management Standards (DLMS)*, Volume 2 and Volume 3.

**b.** ADC 1460 - *Pre-positioned Release Orders*, pending final approval.

**c.** ADC 316 - *Retail Transportation and Supply Receipt and Acknowledgement Transactions*, signed 02/19/2009.

**d.** ADC 316A - *USAF Requirements for Item Record Data and Unique Item Tracking (UIT) using the Materiel Release (DLMS Implementation Convention 940R) under Transportation and Supply Receipt and Acknowledgement Interchange*, signed 06/26/2009.

e. ADC 316B - *New Distribution Code (111) for the Retail Transportation and Supply Receipt and Acknowledgement Interchange for the 940R and 945A*, signed 06/26/2009.

f. ADC 316C - *Revise DLMS Implementation Convention 940R Material Release and DLMS Implementation Convention 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 (Supply/Transportation)*, signed 01/15/2010.

g. ADC 316D - *Air Force-Unique Document Identifier Code Mappings to 940R under the Retail Transportation and Supply Receipt and Acknowledgement Transactions (Transportation/Supply)*, signed 08/03/2010.

#### 11. PROPOSED DLMS CHANGE (PDC) 1463 RESPONSE/COMMENT RESOLUTION:

	Component	Response/Comment	Disposition
1.	DLA	Concur	Acknowledged.
2.	US Air Force	<p>Concur with comments</p> <p>1. From the ILS-S understanding, the distribution code '111' was initiated to aid DLA Transaction Services to identify those DLMS 940R transactions from ILS-S which needed to be routed to CMOS via UDF. CMOS returns the distribution code '111' in a UDF, which is converted by DLA Transaction Services to the DLMS 945A and then sent to ILS-S. ILS-S now assumes with the deletion of the distribution code '111', that CMOS will either receive/send the DLMS 940R/945A transactions or DLA Transaction Services has a different rule in place to ensure these DLMS transactions are routed to/from CMOS UDFs.</p>	<p>DEDSO Response:</p> <p>1. Correct. Distribution code 111 will no longer be available for use. DEDSO reached out to USTRANCOM and CMOS doesn't use the distribution code 111. CMOS does still utilize the DAAS translation/conversion services between X12 and UDF for the 940R/945A exchange with Supply. That DAAS translation capability will need to remain in place for the 940R/945A exchange to work successfully. CMOS does not do anything with the Distribution Code that Supply sends in the 940R other than store it in the database, display it to the user and send it back in the 945A response. There is no business logic built in CMOS to take the distribution codes into consideration when processing the cargo for transportation purposes. That is why we have indicated there is no impact to CMOS if Distribution Code 111 is removed. If Supply does not send the 111 code, CMOS</p>



	Component	Response/Comment	Disposition
			will not store it and send it back in the 945A. If Supply sends the 111 code, CMOS will return it back in the 945A.
3.	US Army	No response	DEDSO Response:  No response represents concurrence per PDC 1463 change memo.
4.	USMC	Concur as written	Acknowledged
5.	US Navy	Concur with comments: This one has no impact to current Navy ERP business. If/when Transportation is implemented in ERP+, this should be reviewed for implementation.	Acknowledged comments of Navy ERP implementation will be reviewed.
6.	DAAS	Concur	Acknowledged.
7.	USTRANSCOM	Concur without Impact	Acknowledged.

## Enclosure 1

### A. Revised DLM 4000.25, Volume 3, Chapter 2, Retail Supply And Transportation Interchange – Stock Shipments

Additions are shown in *red bold italics*. Deletions are shown by double strikethrough text.

## **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. There are six Automated Information Systems (AISs) that 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 Integrated Logistics Solution—Supply (ILS—S; formerly Standard Base Supply System (SBSS)), which represent the supply

systems for their respective business areas, and the Cargo Movement Operations System (CMOS), **as well as the DLA Warehouse Management System (WMS)** ~~Distribution Standard System (DSS)~~, which represents the transportation system. Systems other than the six systems above, planning to use these standardized interchange transactions to implement a similar capability must coordinate with the Defense Enterprise Data Standards Office (DEDSO) 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, **must transmit a DLMS 940R Cargo Release Order (W0506/CU) in advance to the delivery of cargo.** ~~the Defense Automatic Addressing System (DAAS) will route transmit copies of the DLMS 940R, Cargo Release Order 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 3049, **Procedures For Serially Managed Materiel Requiring Owner Visibility** ~~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.<sup>1</sup>

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.<sup>2</sup>

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. ***The lack of serialization data in the transaction may result in a denial.***

C2.3.2.1.6. When authorized by the trading partners, the materiel release may include identification of a pre-designated carrier and the carrier account number for the applicable shipment. When provided, this information will be perpetuated to the materiel release confirmation.<sup>3</sup>

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, Volume 2, Chapter 29 documents procedures for the use and generation of the IRRD.

C2.3.2.4. Follow-up Requests. The supply system will initiate DLMS 940R, ***Cargo Release*** Inquiry (~~DIC AF6/AFJ~~) message ***transaction*** 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 ***standard materiel release/confirmation*** normal follow-up procedures as documented in DLM 4000.25, Volume 2, Chapter 4. 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~~ ***Cargo Release*** Cancellation (~~DIC AC6/ACJ~~) message for cancellation requests. DLM 4000.25, Volume 2, Chapter 4

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<sup>1</sup> Refer to ADC 316C.

<sup>2</sup> Refer to DLM 4000.25 Volume 2, Chapter 5, Status Reporting, and ADC 1030

<sup>3</sup> ***Refer to ADC 1164***

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 **Cargo Materiel** Release Confirmation for a multi-pack, the activity must associate it with all the document numbers that were contained in the initial **Cargo 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 **Cargo 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, **Cargo 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.<sup>4</sup> 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 following receipt of the **Cargo Materiel** release order ~~(MRO)~~ from the retail supply systems and subsequent local delivery of items for shipment (received from retail supply).

**C2.3.3.1. Initial Transportation Account Code Validation**.<sup>5</sup> Following receipt of the **Cargo Release Order** ~~(MRO)~~ from the retail supply system, transportation will validate the transmitted transportation account code (TAC). In case of an invalid or missing TAC, the transportation system will generate a DLMS 945A (AE6), **Cargo Materiel** Release Advice transaction with Shipment Hold Code S, Invalid or

<sup>4</sup> Refer to DLM 4000.25 Volume 2, Chapter 5, Status Reporting, and ADC 1030

<sup>5</sup> Refer to ADC 1206 for detailed procedures.

Missing Transportation Account Code (TAC), and send it back to the retail supply system. This provides visibility for possible delays in processing a shipment due to an invalid or missing TAC and gives the supply activity the option to resend the DLMS 940R with the correct TAC. If the supply activity sends an updated MRO, the transportation activity will validate the TAC and append the **Cargo Release Order** MRO. Figure C2.F1 depicts the transaction account code validation process.

C2.3.3.2. 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:

C2.3.3.2.1. Either scan the DD Form 1348-1A, IRRD using a handheld scanner or manually in-check the document numbers into the transportation system.

C2.3.3.2.2. Generate DLMS 945A, Notice ~~Material Release Advice/Disposal Shipment Advice (DIC AE6/AEJ)~~ in-check status message and send it to the supply activity electronically.

C2.3.3.2.3. 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.

C2.3.3.3. Transportation Account Code Validation on Shipping Documents. Verify that the TAC on the DD Form 1348-1A matches the TAC on the **Cargo Release Order** MRO. If the TAC on the DD Form 1348-1A is either missing or there is a mismatch, then coordinate with the supply activity. Upon receipt of a valid TAC from the supply activity, update historical records and shipping documentation to reflect the correct TAC citation. Figure C2.F1 depicts the transaction account code validation process.

C2.3.3.4. Hold Status. Subsequent to in-check and prior to cargo ~~material~~ release confirmation, if the cargo is placed in transportation hold status, additional DLMS 945A, ~~Material Release Advice/Disposal Shipment Advice (DIC AE6/AEJ)~~ status messages will be sent by transportation to supply.

C2.3.3.5. Status/Follow-up Response. The transportation system will respond to a follow-up request using DLMS 945A Materiel Release Advice (W0610/NO). **When the cargo was checked-in and/or shipped, the transportation system will transmit an image copy of the transaction as applicable.** ~~Material Release Advice/Disposal Shipment Advice (DIC AE6/AEJ) supply status message.~~



C2.3.3.6. Cancellation Response. The transportation system will generate a DLMS 945A, ~~Cargo Release Denial~~~~Material Release Advice~~ **(W0506/56)**~~Disposal Shipment Advice (DIC AE6/AEJ)~~ status message with applicable status code indicating acknowledgement of the cancellation requirements.

C2.3.3.7. **Cargo**~~Material~~ Release Confirmation

C2.3.3.7.1. Initial **Cargo**~~Material~~ Release Confirmation. After the shipment is processed and shipped, the transportation activity generates a DLMS 945A, **Cargo**~~Material~~ Release Confirmation~~Disposal Release Confirmation~~, and sends it to the supply activity, where the shipment status message will be generated and transmitted.

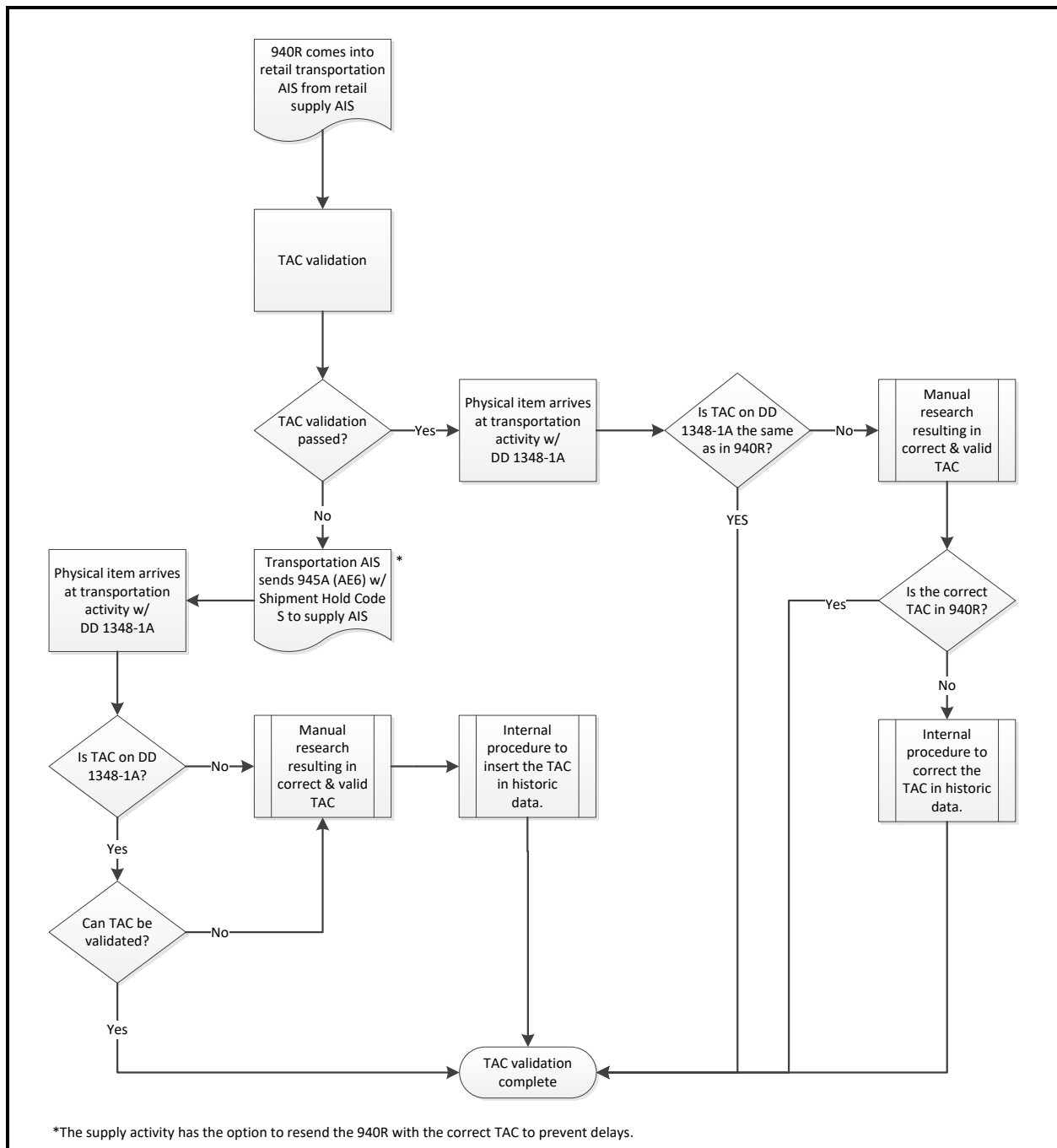
C2.3.3.7.2. **Cargo**~~Material~~ Release Confirmation Changes/Corrections/Updates. In the event a shipment does not get lifted as originally intended (e.g., shipment is left off the truck), the transportation activities **will send an updated** that originate the DLMS 945A **Cargo**~~Material~~ Release Confirmation **(W0611/CJ and W0612/A6)** ~~will send an updated MRC transaction with all of the~~ **changes made to the** transportation information. **The updated information will** ~~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.

C2.3.3.7.3. 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 **Cargo**~~Material~~ 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 **Cargo Release Confirmation** ~~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.

C2.3.3.8. Transaction Information Copy. For designated supply trading partners (currently limited to the SBSS–CMOS interface), an information copy (image) of the DLMS 945A, **Cargo**~~Material~~ 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, **Cargo**~~Material~~ 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.

C2.3.3.9. Transportation Account Code Validation Process Flow. Figure C2.F1 depicts the transaction account code validation process.

Figure C2.F1 – Transportation Account Code (TAC) Validation Process Flow



**C2.3.4. DAAS Processing.** DAAS 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. Transportation Systems.** The Cargo Movement Operations System (CMOS) and Distribution Standard System (DSS) are capable of receiving DLMS~~



~~compliant DLMS 940R, Materiel Release and transmitting DLMS 945A, Materiel Release Advice messages.~~

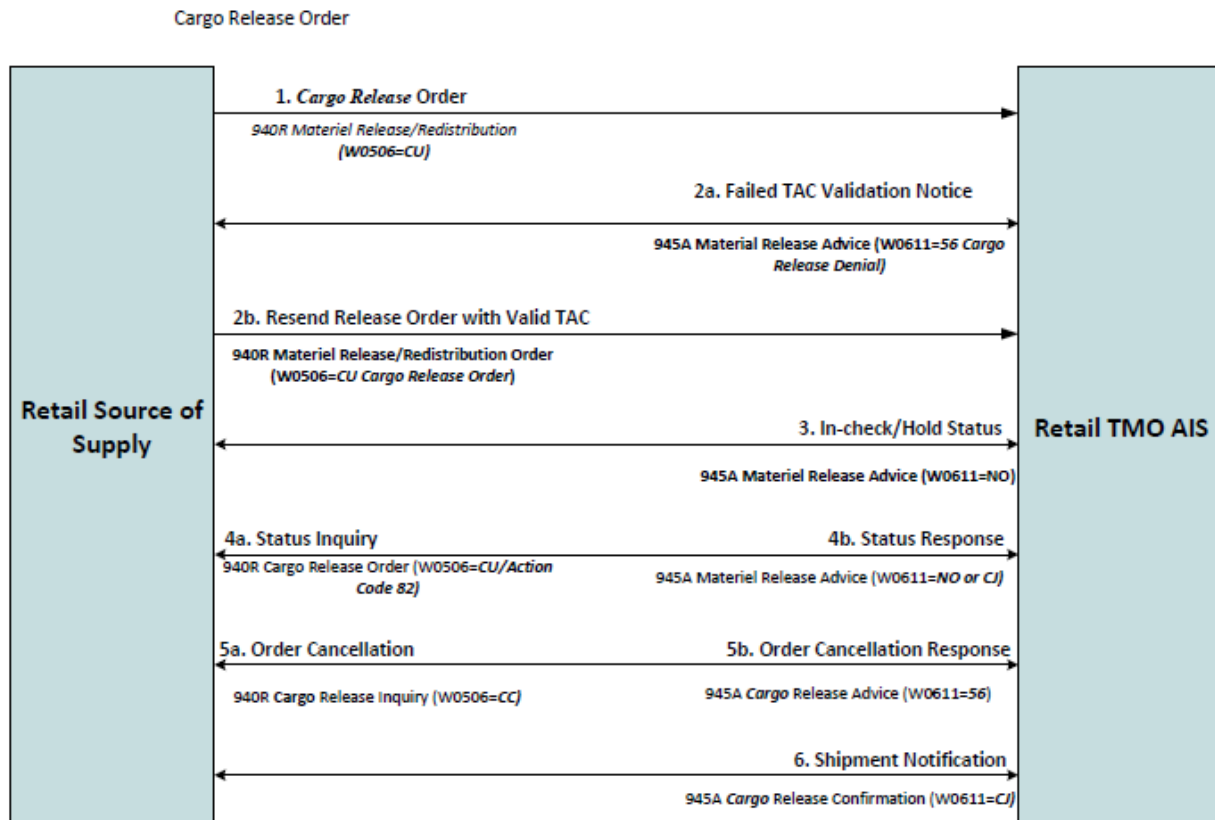
~~C2.3.4.2. Supply Systems. Depending on whether the supply system is DLMS compliant, DAAS will process the transactions as follows:~~

~~C2.3.4.2.1. DLMS Compliant Systems. If the supply system is DLMS compliant, DAAS will not transform the transactions to/from MILSTRIP legacy transactions, based on established trading partner profiles held by DAAS. 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 W0612 data element in the DLMS 945A, Materiel Release Advice will carry Action Code A6. Additionally, DLMS 940R and DLMS 945A will have *qualifier under W0506*. 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 DAAS 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.F2 – 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~~

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

~~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, **the DLMS 940R Cargo Release Order (W0506=CU)** DAAS will transmit copies of DLMS 940R, Materiel Release Order/Disposal Release Order/Redistribution Order (DICs A2\_/A5\_/A5J/A4\_) transactions **can be used** to the designated transportation system to be **pre-position a cargo-only release order** ed awaiting actual arrival of cargo from the supply warehouse. **Once the cargo arrives and checked-in, the storage activity (wholesale) will transmit a DLMS 945A Materiel Release Advice (W0611=NO) transaction to notify the supply activity (retail) that the property has been received.** 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. Transportation Account Code Validation.<sup>6</sup> Following receipt of the DLMS 940R **Cargo Release Order** MRO transaction from the supply system, transportation will perform a validation of the transmitted TAC. If the provided TAC proves to be invalid or is missing, the transportation system generates a DLMS 945A (**W0611/NO**AE6), Materiel Release status Advice transaction with Shipment Hold Code S, Invalid or Missing TAC, and sends it back to the supply system. The supply activity then has the option to resend the DLMS 940R **Cargo Release Order** MRO with the correct TAC to prevent delays in processing the shipment for release.

C2.3.5.3.1. If the supply activity sends an updated **Cargo Release Order** MRO, the transportation activity will validate the TAC and append **accordingly** the MRO.

C2.3.5.3.2. If the supply activity does not send an updated **Cargo Release Order** MRO, the transportation activity will validate the TAC following in-check of the materiel by comparing the DD 1348-1A to the **Cargo Release Order** MRO. If there is a mismatch, the transportation activity will coordinate with the supply activity to identify a valid TAC, at which time the transportation activity will update its records and process the shipment for release.

C2.3.5.4. 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 (**W0611/NO**), Materiel Release Advice/Disposal Shipment Advice (DIC AE6/AEJ) supply status response message to notify the supply activity via DAAS 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~~

<sup>6</sup> Refer to ADC 1206 for detailed procedures.

~~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 DAAS 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 (W0611/NO), 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:~~

C2.3.5.4.1. 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.

C2.3.5.4.2. 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 DLM 4000.25, Volume 2, Appendix 7.17, Shipment Hold Codes; G6201 = 17 and G6202 = estimated shipping date in CCYYMMDD format.

C2.3.5.5. Status Inquiry and Response. The supply system will initiate a DLMS 940R, **Cargo Release Order Follow-up (W0506/CU and W0507/82)** ~~Materiel Release Inquiry/Disposal Release Inquiry (DIC AE6/AEJ)~~ 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 **standard** ~~normal~~ follow-up procedures for **MRO/DRO**, ~~with communications via DAAS.~~ The transportation system will respond to a follow-up request with a DLMS 945A, NO Notice (W0610 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 cargo release DLMS 945A, ~~Materiel Release Advice/Disposal Shipment Advice 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, LQ01 = 81 and LQ02 = authorized code values from DLM 4000.25-4, Appendix 7.16. 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.

~~C2.3.5.5.4. To report a transportation hold and delay status, LQ01 = AK and LQ02 = 111; LQ01 = BC and LQ02 = authorized code values from DLM 4000.25, Volume 2, Appendix 7.17, Shipment Hold Codes; G6201 = 17 and G6202 = estimated shipping date in CCYYMMDD format.~~

C2.3.5.6. Cancellation Requests and Responses. The supply system will **transmit** initiate a DLMS 940R, **Cargo Release Cancellation** Material Release Cancellation/Disposal Release Cancellation (DIC AC6/ACJ) **transaction** message to when it wants to issue a cancellation request to the transportation system **and request the cancellation of a previously submitted cargo release order. The transportation system will attempt to process the request unless the cargo was already released to and shipped. For a cancellation prior to release and shipment, the transportation system will transmit a DLMS 945A Cargo Release Denial with the appropriate status code to indicate the cancellation was successful. See DLM 4000.25, Volume 2, Appendix 7.16. for available status codes. Once the cargo has been released for transportation, the release order cannot be cancelled.** 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. **Standard** Normal cancellation request procedures will apply. The transportation system will respond to the cancellation request with a DLMS 945A, Material 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 DAAS 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:~~

~~C2.3.5.6.1. Materiel Release Order~~

~~C2.3.5.6.1.1. W0611 = NL~~

~~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 = NQ~~

~~C2.3.5.6.2.2. W0612 = A6~~

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

~~C2.3.5.6.3. To report the applicable supply status code associated with the cancellation response, LQ01 = 81 and LQ02 = authorized code values from DLM 4000.25, Volume 2, Appendix 7.16. 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.~~

C2.3.5.7. Shipment Notification (Materiel Release Confirmation). Once the materiel is shipped, the transportation system will initiate a DLMS 945A, **Cargo Release Confirmation transaction** ~~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, Cargo Release Confirmation transaction 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 standard 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 C62 segment values in the DLMS 945A, Materiel Release Confirmation/Disposal Release Confirmation for this step are as follows:~~

~~C2.3.5.7.1. Materiel Release Order~~

~~C2.3.5.7.1.1. W0611 = NJ~~

~~C2.3.5.7.1.2. W0612 = A6~~

~~C2.3.5.7.1.3. LQ01 = AK and LQ02 = 111~~

~~C2.3.5.7.2. Disposal Release Order~~

~~C2.3.5.7.2.1. W0611 = NM~~

~~C2.3.5.7.2.2. W0612 = A6~~

~~C2.3.5.7.2.3. LQ01 = AK and LQ02 = 111.~~

C2.3.5.7.3. Partial Transportation Control Numbers. If the shipment is partialized 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 **Cargo Release Orders** ~~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 **Cargo Release Orders** ~~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, Volume 2, Chapter 4.

C2.3.6.1.2. DLMS 945A, **Cargo Release Confirmation** 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 partialled 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 partialled 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 **Cargo Release Confirmation** ~~Materiel Release Confirmation~~, the activity will associate it with all the document numbers that were contained in the initial **Cargo Release Order** ~~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 DAAS 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, Volume 2, Chapter 4.~~

~~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 DAAS 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; DAAS 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 ~~with~~ **W**hen the assemblage is not partialled 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 partialled 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 **Cargo Release Confirmation** ~~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 DAAS 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 DAAS 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; DAAS 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.~~

B. Update DLM 4000.25 Volume 2 Supply Standards and Procedures, Appendix 7.16 Status Codes as follows:

BQ Canceled.

**1.** Results from receipt of cancellation request from requisitioner, consignee, manager, or other authorized activity. Also applies to cancellations resulting from deletion of a DoDAAC identified as requisitioner, ship-to, bill-to activity from the DoDAAD. De-obligate funds, if applicable.

**2. For status messages under the Retail Transportation and Supply Receipt and Acknowledgement Interchange process, denotes cancellation request is confirmed and the release order is no longer being processed for shipment. See DLM 4000.25, Volume 3, Chapter 2.**

## Enclosure 2

Revise the following DLMS Implementation Conventions (IC) as shown.

Changes are identified by *bold italics* and deletions by single strikethrough text.

#	Location	DLMS 940R Materiel Release	Reason
1.	DLMS Introductory Note	<p><u>Update DLMS Introductory Note 5 as follows:</u></p> <p>5. This transaction may be used to provide item unique identification (IUID) information in accordance with DLMS procedures and OSD Supply Policy. Implementation is limited to the Positive Inventory Control (PIC) nuclear weapon Related Materiel (NWRM) Unique Item Tracking (UIT) program and the Retail Transportation and Supply Receipt and Acknowledgement Interchange (<del>Distribution Code 111</del>) under OSD Supply Policy for item unique identification (IUID). For all other procedures, the UII information is a placeholder for DLMS enhancement spending development of DLMS procedures and overarching OSD Supply Policy. Refer to the IUID web at URL: <a href="http://www.acq.osd.mil/dpap/pdi/uid/">http://www.acq.osd.mil/dpap/pdi/uid/</a> for DoD policy.</p>	Removes reference for distribution code 111.
2.	DLMS Introductory Note	<p><u>Update DLMS Introductory Note 7 as follows:</u></p> <p><del>—ADC 316, Transportation Supply Receipt and Acknowledgement Approved Addendum to ADC 316.4, USAF Requirements for Item Record Data and Unique Item Tracking (UIT) using the Materiel Release (DS 940R) under Transportation and Supply Receipt and Acknowledgement Interchange</del></p> <p><del>—Approved Addendum to ADC 316B, New Distribution Code (111) for Retail Transportation and Supply Receipt and Acknowledgement Interchange Transactions (940R and 945.4)</del></p> <p><b>- ADC 1463, Discontinue of Distribution Code 111 under Move of Cargo Only (Transshipment) Process</b></p>	<p>Identifies the IC as modified by this change.</p> <p>It also removes from the note all changes replaced by ADC 1463</p>
3.	1/W0502/0200	<p><u>Close W0502 and delete DLMS notes as follow:</u></p> <p><del><b>DLMS Note:</b></del></p> <p><del><b>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 DLMS note 4f. Refer to ADC 1073.</b></del></p> <p><del><b>2. For all other uses of this transaction, use Code Z for this data element to meet mandatory X12 syntax requirements.</b></del></p>	Closes elements no longer needed.

#	Location	DLMS 940R Materiel Release	Reason
4.	1/W0506/0200	<p><u>Add qualifiers CU and CC with corresponding DLMS notes as follow:</u></p> <p><b>CU Cargo Release Order</b>  <b>DLMS Note:</b> <i>Use to direct the movement of cargo from retail using wholesale transportation. There is no legacy MILS equivalent. Must use in combination with W0508 qualifier RA or CR. This is not a balance affecting transaction type.</i></p> <p><b>CC Cargo Release Cancellation</b>  <b>DLMS Note:</b> <i>Use to submit a request for cancellation of a previously submitted cargo release order. There is no legacy MILS equivalent. This is not a balance affecting transaction type.</i></p> <p><b>NB Material Release Inquiry</b>  DLMS Note: 1. Use to inquire (follow-up) about the status of an open materiel release action. (Equates to MILSTRIP DIC AF6)</p> <p><del>2. For inquiry on a materiel release order by a retail supply system to a transportation system regarding multi-packs or assemblages (e.g., medical), inquiry 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 inquiry will be at the document number level. DLMS enhancement; see introductory DLMS note 4f.</del></p> <p><b>ND Material Release Cancellation</b>  DLMS Note:</p> <p>1. Use to request cancellation (or diversion) of either an open materiel release order or redistribution order. Also used to follow up on a cancellation request. (Equates to MILSTRIP DIC AC6 or AK6).</p> <p>2. Use to follow up on a mass or universal cancellation request. Cite action code82 in the W0507. Authorized DLMS enhancement; see introductory DLMS note 4f. Refer to ADC 1132.</p> <p><del>3. For cancellation of a materiel release order by a retail supply system to a transportation system regarding multi-packs or assemblages (e.g., medical), cancellations will be done either at the lead document number (for multi-packs) or Assemblage Identification Number (AIN) (for assemblies). Use the AIN for assemblies to provide one reference for multiple document numbers. For single line materiel release orders, the cancellation will be at the document number level. DLMS enhancement; see introductory DLMS note 4f.</del></p>	<p>Adds two new transaction types only for cargo movements.</p> <p>W0508 was open under PDC 1460</p> <p>Removes notes from MRO inquiry</p>
5.	1/W0507/0200	<p><u>Remove qualifier A6 and DLMS note as follows:</u></p> <p><del>A6 Modified</del>  <del>DLMS Note:</del></p> <p><del>1. Only use when this message supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange (See DoD 4000.25-M, Volume 3, Chapter 2).</del></p>	<p>Removes qualifier A6 to ensure customers can properly send follow-ups or corrections to all release orders.</p>

#	Location	DLMS 940R Materiel Release	Reason
		<p><del>2. Applies to materiel release order (A2_/A5_/disposal release order (A5J)/redistribution orders (A4_/), materiel release inquiries (AF6)/disposal release inquiries (AFJ) and materiel release cancellation (AC6)/disposal release cancellation (ACJ) transactions, 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.</del></p> <p><b><del>CN Consolidated</del></b>  <b><del>DLMS Note:</del></b>  <del>1. Only use when this message supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange (See DoD 4000.25-M, Volume 3, Chapter 2).</del>  <del>2. Use to advise that this message supports multi-line release order/supply documentation in support of multi-pack processing. The N9/0900 is authorized for use to identify the lead document number for the multi-pack. The W01 subloop (Loop ID—0310) is authorized to be repeated to provide the supply information lead document number and each of the document numbers contained within the multi-pack.</del>  <del>3. Use to advise that this follow-up request is in support of multi-pack processing. The N9/0400 will carry the lead document number for the status inquiry. No looping of the W01 subloop (Loop ID—0310) is required for multi-pack contents. 4. Used in conjunction with a distribution code—"111". 5. Cancellation requests for multipacks shall be at the single-line level. 6. DLMS enhancement; see introductory DLMS note 4f.</del></p> <p><b><del>ME Merge</del></b>  <b><del>DLMS Note:</del></b>  <del>1. Only use when this message supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange (See DoD 4000.25-M, Volume 3, Chapter 2).</del>  <del>2. Use to advise that this message supports multi-line release order/supply documentation in support of assemblage (e.g., medical) processing. The N9/0900 is authorized for use to identify the Assemblage Identification Number for the assemblage. The W01 subloop (Loop ID—0310) is authorized to be repeated to provide the supply information associated with each of the internal document numbers contained within the assemblage.</del>  <del>3. Use to advise that this follow-up request is in support of assemblage processing. The N9/0400 will carry the Assemblage Identification Number for the status inquiry. No looping of the W01 subloop (Loop ID—0310) is required for assemblage contents.</del>  <del>4. Used in conjunction with a distribution code—"111". 5. Cancellation requests for assemblages (e.g., medical) shall be at the AIN level. 6. DLMS enhancement; see introductory DLMS note 4f.</del></p>	

#	Location	DLMS 945A (4030) Materiel Release Advice	Reason
1.	DLMS Introductory Note	<p><u>Update DLMS Introductory Note 5 as follows:</u></p> <p>5. This transaction may be used to provide item unique identification (IUID) information in accordance with DLMS procedures and OSD Supply Policy. Implementation is limited to the Positive Inventory Control (PIC) nuclear weapon Related Materiel (NWRM) Unique Item Tracking (UIT) program and the Retail Transportation and Supply Receipt and Acknowledgement Interchange (<del>Distribution Code 111</del>) under OSD Supply Policy for item unique identification (IUID). For all other procedures, the UUI information is a placeholder for DLMS enhancement spending development of DLMS procedures and overarching OSD Supply Policy. Refer to the IUID web at URL: <a href="http://www.acq.osd.mil/dpap/pdi/uid/">http://www.acq.osd.mil/dpap/pdi/uid/</a> for DoD policy.</p>	Removes reference for distribution code 111.
2.	DLMS Introductory Note	<p><u>Update DLMS Introductory Note 7 as follows:</u></p> <p><del>ADC 316, Transportation Supply Receipt and Acknowledgement Approved Addendum to ADC 316A, USAF Requirements for Item Record Data and Unique Item Tracking (UIT) using the Materiel Release (DS 940R) under Transportation and Supply Receipt and Acknowledgement Interchange</del></p> <p><del>Approved Addendum to ADC 316B, New Distribution Code (111) for Retail Transportation and Supply Receipt and Acknowledgement Interchange Transactions (940R and 945A)</del></p> <p><b>- ADC 1463, Discontinue of Distribution Code 111 under Move of Cargo Only (Transshipment) Process</b></p>	<p>Identifies the IC as modified by this change.</p> <p>It also removes from the note all changes replaced by ADC 1463</p>
3.	1/W0611/0200	<p>Add qualifiers CJ and 56 with corresponding DLMS notes as follow:</p> <p><b>CJ Cargo Release Confirmation</b>  <b>DLMS Note: Use to provide confirmation on a cargo release order. There is no legacy MILS equivalent. Used in combination with W1201/UR. This is not a balance affecting transaction type.</b></p> <p><b>56 Cargo Release Denial</b>  <b>DLMS Note: Use to provide a denial on a cargo release order. There is no legacy MILS equivalent. Used in combination with W1201/UR. This is not a balance affecting transaction type.</b></p>	<p>Enables DoD Components to confirm or deny a cargo release order without causing balance affecting actions.</p>
4.	1/W0611/0200	<p><u>Update DLMS note as follows:</u></p> <p><b>NO Notice</b>  DLMS Note: Use to identify a self-initiated supply status message provided by transportation to report cargo processing status (<b>reply</b>, in-check, or hold) prior to materiel release confirmation. This is not to be used for <del>standard normal</del> supply status messages in response to Cargo Release follow-up requests.</p>	<p>Updates NO DLMS Notes to clarify it can be used for replies.</p>

#	Location	DLMS 945A (4030) Materiel Release Advice	Reason
5.	1/W0612/0200	<p>Update qualifier A6 DLMS notes, removes CN, and ME as well as corresponding DLMS Notes as follows:</p> <p>A6 Modified DLMS Note: <i>Use to identify a correction or update to the original Cargo Release Order.</i></p> <p><del>1. Only use when this message supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange (See DLM 4000.25, Volume 3, Chapter 2).</del></p> <p><del>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.</del></p> <p><del>3. Used in conjunction with a distribution code = 111.</del></p> <p><del>4. DLMS enhancement; see introductory DLMS note 4f.</del></p> <p>CN Consolidated DLMS Note:</p> <p><del>1. Only use when this message supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange (See DLM 4000.25, Volume 3, Chapter 2).</del></p> <p><del>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.</del></p> <p><del>3. Used in conjunction with a distribution code = 111.</del></p> <p><del>4. Cancellation responses for multipacks shall be at the single line level.</del></p> <p><del>5. DLMS enhancement; see introductory DLMS note 4f.</del></p> <p>FI File DLMS Note:</p> <p>1. Use to identify an image transaction provided for information.</p> <p>2. Authorized for Air Force and DSS use with PIC NWRM UIT; except when the distribution code = 111.</p> <p>ME Merge DLMS Note:</p> <p><del>1. Only use when this message supports the Retail Transportation and Supply Receipt and Acknowledgement Interchange (See DLM 4000.25, Volume 3, Chapter 2).</del></p> <p><del>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</del></p>	<p>Repurposes qualifier A6 as the action code to identify corrections and updates to the original cargo release order.</p> <p>Removes unnecessary qualifiers in the segment. This change mimics the changes in the DLMS 940R.</p>



#	Location	DLMS 945A (4030) Materiel Release Advice	Reason
		<del>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.</del> <del>3. Used in conjunction with a distribution code = 111.</del> <del>4. Cancellation responses for assemblages (e.g., medical) shall be at the AIN level.</del> <del>5. DLMS enhancement; see introductory DLMS note 4f.</del>	
6.	1/PER01/0800	<p>Update Segment DLMS Notes as follows:</p> <p>DLMS Note:</p> <p>1. Only use when this transaction supports the Retail Supply and Transportation Receipt and Acknowledgement Interchange (See DLM 4000.25, Volume 3, Chapter 2).</p> <p>2. <del>Used in conjunction with a distribution code = 111.</del> <b>Use in combination with Cargo Release Orders, Notice, Confirmations, or Denials.</b></p> <p>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.</p> <p>4. DLMS enhancement; see introductory DLMS note 4e.</p> <p>5. See ADC 1055.</p>	Updating DLMS Note to reference cargo release transactions.
7.	2/N101/0800	<p>Update DLMS Notes as follows:</p> <p>KK Registering Party</p> <p>DLMS Note:</p> <p>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.</p> <p>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/W0612/0200 Action Code FI and cite the applicable Routing Identifier in 2/N104.</p> <p>3. Authorized DLMS enhancement for Air Force use under the Retail Transportation and Supply Receipt and Acknowledgement Interchange (<del>Distribution Code of 111</del>). For PIC UIT, must use in conjunction with 2/N106 code PK and cite the applicable Routing Identifier in 2/N104.</p>	Removes Distribution code 111 reference.



#	Location	DLMS 945A (4030) Materiel Release Advice	Reason
		4. Except as noted above, DLMS enhancement; see introductory DLMS note 4a.	
8.	2/N106/0800	<p><u>Updates DLMS Notes as follows:</u></p> <p>PK Party to Receive Copy DLMS Note:</p> <p>1. Use when appropriate to send an information copy to a Component UIT registry. For use with N101 code KK.</p> <p>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.</p> <p>3. Authorized DLMS enhancement for Air Force use under the Retail Transportation and Supply Receipt and Acknowledgement Interchange (<del>Distribution Code of 111</del>). For PIC UIT, must use in conjunction with 2/N101 code KK and cite the applicable RIC in 2/N104.</p> <p>4. Except as noted above, DLMS enhancement; see introductory DLMS note 4a.</p>	Removing Distribution code 111 reference.