



DEFENSE LOGISTICS AGENCY  
HEADQUARTERS  
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IN REPLY  
REFER TO

DLMSO

August 3, 2010

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Approved Addendum to Approved Defense Logistics Management System (DLMS) Change (ADC) 316D, Air Force-Unique Document Identifier Code Mappings to 940R under the Retail Transportation and Supply Receipt and Acknowledgement Transactions (Transportation/Supply)

The attached change to DoD 4000.25-M, DLMS, is approved for implementation. The updated DLMS Supplements will be posted to the Defense Logistics Management Standards Office (DLMSO) Web site [http://www.dla.mil/j-6/dlms0/elibrary/TransFormats/140\\_997.asp](http://www.dla.mil/j-6/dlms0/elibrary/TransFormats/140_997.asp) within 10 days from the above date for implementation planning.

Addressees may direct questions to the DLMSO point of contact, Ms. Heidi Daverede, 703-767-5111; DSN 427-5111; or, e-mail: [heidi.daverede@dlm.mil](mailto:heidi.daverede@dlm.mil). Others must contact their Component designated representative.

A handwritten signature in black ink, appearing to read "Donald C. Pipp", with a stylized flourish at the end.

DONALD C. PIPP  
Director  
Defense Logistics Management  
Standards Office

Attachment

cc:  
DUSD (L&MR) SCI

**ADC 316D**  
**Approved Addendum to ADC 316D, Air Force-Unique Document Identifier Code**  
**Mappings to 940R under the Retail Transportation and Supply Receipt and**  
**Acknowledgement Transactions (Transportation/Supply)**

**1. ORIGINATOR:**

a. **Service/Agency:** Department of the Air Force, HQ 754 ELSG/ILSS, DSN 596-2012, Commercial (334) 416-2012

**2. FUNCTIONAL AREA:**

a. **Primary:** Transportation

b. **Secondary:** Supply

**3. REFERENCES:**

a. DoD 4000.25-M, Defense Logistics Management System (DLMS), Volume 3, Chapter 2, Retail Transportation and Supply Interchange.

b. ADC 316, Retail Transportation and Supply Receipt and Acknowledgement Transactions, dated February 19, 2009.

c. ADC 316A, 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, dated June 26, 2009.

d. ADC 316B, New Distribution Code (111) for the Retail Transportation and Supply Receipt and Acknowledgement Interchange for 940R and 945A, dated June 26, 2009.

**4. REQUESTED CHANGES:** Changes from Proposed Addendum 316D are highlighted in **YELLOW**.

a. **Air Force-Unique Document Identifier Code (DIC) (also known as Transaction Identification Code (TRIC)) Maps:** In ADC 316A, Air Force stated that ILS-S will create a 940R DLMS transaction each time a Cargo Movement transaction occurs in the SBSS/ES-S with the following DICs: A2(X), A4(X), A5(X), DOR, FME, FTA, FTR, ISU, MSI, RAR, SHP, 1ET. ADC 316 provided DAASC with maps for the A2(X), A4(X), A5(X) transactions. This approved addendum provides maps at Enclosure 1 for the remaining Air Force-Unique DICs, except as delineated below.

(1) There is no map for DIC RAR, since it is not being used in the retail transportation and supply interface.

(2) DICs 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 the DS 180M, Materiel Returns Reporting, and DS 870M, Materiel Returns Supply Status, respectively.<sup>1</sup>

**b. Cancellation DLMS Notes in DS 940R, Material Release:** The business rules and procedures for assemblages that require a cancellation action are defined in the DLMS Manual, Volume 3, Chapter 2 (paragraph 2.3.7.1.1); however, the DS 940R is missing DLMS Notes in the W0506, W01, W0101, W0102, W0104, and W0105 to convey the special business rule that cancellation requests will be done at the AIN/lead document number level. This approved addendum remedies this omission; see Table 1 below for detailed changes to the DS 940R.

**c. New Product Service Identification Code:** Add X12 qualifier “N4” (National Drug Code) to the DS 940R, Material Release, and the DS 945A, Material Release Advice, for material identification.

**d. Procedures:** Revise 940R (as used in the Retail Transportation and Supply Receipt and Acknowledgement Interchange) as shown in Table 1. Revise 945A as shown in Table 2.

*Table 1. Updates for DS 940R*

#	Location	4030 940R, Material Release	Reason
1	DLMS Introductory note.	<u>Add new DLMS introductory note (paragraph # 6):</u>  <i>- Approved Addendum to ADC 316D, Air Force-Unique DIC Mappings to 940R under the Retail Transportation and Supply Receipt and Acknowledgement Transactions</i>	To identify additions in the DS.
2	1/W0506/0200	<u>For Qualifiers “ND” and “NG”, add DLMS Note 2:</u>  <b>ND Material Release Cancellation DLMS Notes:</b> <ol style="list-style-type: none"> <li>1. Use to request cancellation (or diversion) of either an open material release order or redistribution order. Also used to follow up on a cancellation request. (Equates to MILSTRIP DI AC6 or AK6).</li> <li>2. <i>For cancellation of a material release order by a retail supply system to a transportation system regarding</i></li> </ol>	To clarify how to document cancellation requests for multi-packs or assemblages (e.g., medical).

<sup>1</sup> DLA Transaction Services (formerly known as DAASC) performed a DAAS history search and confirmed that there is no prior usage of the DICs XAA and XAR.

		<p><i>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 material release orders, the cancellation will be at the document number level. DLMS enhancement; see introductory DLMS note 4f.</i></p> <p><b>NG Disposal Release Cancellation</b>  <b>DLMS Notes:</b></p> <ol style="list-style-type: none"> <li>1. Use to request cancellation of an open disposal release order. Also used to follow up on a cancellation request. (Equates to MILSTRIP DI ACJ or AKJ).</li> <li>2. <i>For cancellation of a disposal release order by a retail supply system to a transportation system regarding multi-packs or assemblages (e.g., medical), cancellation will be done 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 disposal release orders, the cancellation will be at the document number level. DLMS enhancement; see introductory DLMS note 4f.</i></li> </ol>	
3	2/W01/0200	<p><u>Revise DLMS Note 2:</u></p> <p><b>W01 Line item detail – Warehouse</b>  <b>DLMS Note:</b></p> <ol style="list-style-type: none"> <li>1. When the W0507 = “CN”, and the message supports a multi-line release order in support of a multi-pack process, the W01 loop shall be repeated to provide the individual document numbers associated with the lead document number. When the W0507 = “ME”, and the message supports a multi-line release order in support of an assemblage, the W01 loop shall be repeated to provide the internal document numbers for each of the line items in an assemblage.</li> <li>2. When the W0506 = “NB”, <del>or</del> “NF”, “<b>ND</b>” or “<b>NG</b>” and the W0507 = “CN”, the release inquiry (e.g., follow-up) <i>or cancellation</i> shall be done at the lead document number level. When the W0506 = “NB”, <del>or</del> “NF” “<b>ND</b>” or “<b>NG</b>” and the W0507 = “ME”, the release inquiry (e.g., follow-up) <i>or cancellation</i> shall be done at the AIN level.</li> </ol>	DLMS Note #2 details both inquiry and cancellation actions with regard to multi-packs and assemblages.

4	2/W0101/02 00	<u>Revise DLMS Note 2:</u>  <b>Quantity Ordered</b> <b>DLMS notes:</b> 1. A field size exceeding 5 positions may not be received or understood by the recipient's automated processing system. See introductory DLMS note 4d. 2. When the W0506 = "NB", <del>or</del> "NF", " <b>ND</b> " or " <b>NG</b> " and the W0507 = "CN" or "ME", enter a value of "1" since inquiry <i>or cancellation</i> is being done at the lead document number/AIN level.	DLMS Note #2 details both inquiry and cancellation actions with regard to multi-packs and assemblages.
5	2/W0102/02 00	<u>Revise DLMS Note 2:</u>  <b>Unit or Basis for Measurement Code</b> <b>DLMS notes:</b> 1. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes. 2. When the W0506 = "NB", <del>or</del> "NF", " <b>ND</b> " or " <b>NG</b> " and the W0507 = "CN" or "ME", enter a value of "MX" since the inquiry <i>or cancellation</i> is being done at the lead document number/AIN level.	DLMS Note #2 details both inquiry and cancellation actions with regard to multi-packs and assemblages.
6	2/W0104/02 00	<u>Revise DLMS Note 2:</u>  <b>ZZ Mutually Defined</b> <b>DLMS notes:</b> 1. Use to identify nonstandard material when all other authorized codes do not apply (includes management control numbers and locally assigned control numbers). May be used for DLSS-to-DLMS conversion when the translator cannot determine a more appropriate code. 2. When the W0506 = "NB", <del>or</del> "NF", " <b>ND</b> " or " <b>NG</b> " and the W0507 = "CN" or "ME", this is used to identify that the product inquiry <i>or cancellation</i> is being done at the lead document number/AIN level.	DLMS Note #2 details both inquiry and cancellation actions with regard to multi-packs and assemblages.
7	2/W0104/02 00	<u>Add X12 Qualifier:</u>  <b>N4 National Drug Code in 5-4-2 Format</b> <b>DLMS Note: DLMS enhancement in support of Retail Transportation and Supply Receipt and Acknowledgement Transactions.</b>	Added N4 to support DMLSS product/service ID request for passing the National Drug Code (NDC).

8	2/W0105/02 00	<u>Revise DLMS Note:</u>  <b>Product/Service ID</b> <b>DLMS notes:</b> When the W0506 = “NB”, <del>or</del> “NF”, “ND” or “NG” and the W0507 = “CN” or “ME”, enter a value of “MIXED” since the inquiry <i>or cancellation</i> is being done at the lead document number/AIN level.	The DLMS Note details both inquiry and cancellation actions with regard to multi-packs and assemblages.
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*Table 2. Updates for DS 945A*

#	Location	4030 945A, Material Release Advice	Reason
1	DLMS Introductory note.	<u>Add new DLMS introductory note (paragraph # 5):</u>  <i>- Approved Addendum to ADC 316D, Air Force-Unique DIC Mappings to 940R under the Retail Transportation and Supply Receipt and Acknowledgement Transactions</i>	To identify additions in the DS.
2	2/W1207/20	<u>Add X12 Qualifier:</u>  <i>N4 National Drug Code in 5-4-2 Format</i> <i>DLMS Note: DLMS enhancement in support of Retail Transportation and Supply Receipt and Acknowledgement Transactions.</i>	Added N4 to support DMLSS product/service ID requests for passing the National Drug Code (NDC).

**5. REASON FOR CHANGES:**

- a. **DLA Transaction Services (formerly known as DAASC)** requires maps for internal Air Force-Unique DICs that will be used in support of the Retail Transportation and Supply interface, so that they can properly translate and route these transactions.
- b. Align the DLMS Notes for Cancellation actions (DLMS 940R) with the business rules previously published in DOD 4000.25-M, Volume 3.
- c. Satisfy requirement from DMLSS to pass the National Drug Code for those items identified as such.

**6. ADVANTAGES AND DISADVANTAGES:**

- a. **Advantages:** Provide accurate Air Force-Unique DIC to DLMS 940R maps to **DLA Transaction Services (formerly known as DAASC)** to improve data translation, enable DMLSS to pass the National Drug Code for those items identified accordingly, and to eliminate any confusion on how to handle cancellation requests.

**b. Disadvantages:** None.

**7. Impact:**

**a. Data/Content/Procedures:** DMLSS, SBSS/ILS-S and CMOS to ensure their software reflects the intended cancellation business rules previously published in ADC 316 and add new X12 qualifier for identification of National Drug Codes.

**b. Conversion Mapping:** DLA Transaction Services (formerly known as DAASC) to update their maps to reflect the Air Force-Unique DIC to DS 940R mapping shown in Enclosure 1, to include the addition of XAA/XAR. Convert XAA/XAR to FTA/FTR in the CMOS User Defined File for the 940R.

**c. Publications:** No changes required to DOD 4000.25-M.

**d. Implementation:** DLA Transaction Services (formerly known as DAASC), SBSS/ILS-S, DMLSS, and CMOS will need to coordinate to ensure changes are implemented simultaneously.

**e. DLMS Data Elements:** No changes to existing data elements are needed and no new data elements are required. However, the X12 qualifier "N4" is added to both DS 940R and 945A for passing the National Drug Code (NDC).

**8. Projected Cost Savings:** N/A.

**Enclosure 1, US Air Force-Unique DIC Transactions (SBSS/ILS-S) Used with the Retail Transportation and Supply Interchange (ADC 316/940R)**

DLMSO STAFFING NOTE: Changes to the ILS-S shipment transaction (event) designations which substitute XAA (for FTA) and XAR (for FTR) are highlighted in **YELLOW** below. Also, if there is a name highlighted in **YELLOW** in the "Title" column, this represents the more familiar DLMS name, with the Air Force name shown in parentheses.

<b>ILS-S SHIPMENT TRANSACTION (EVENT)</b> (SHP/ <b>XAA</b> /ISU/DOR/FME/MSI/ <b>XAR</b> /1ET)			<b>DLMS 940R Field Mapping</b>
<b>Pos</b>	<b>Size</b>	<b>TITLE</b>	
1	1	<b>DISTRIBUTION CODE</b> (CMOS FLAG)	(LQ01='AK') LQ02/1300
2-4	3	DOCUMENT-IDENTIFIER-CODE	(LQ01 = '0') LQ02/1300
5	1	DEMILITARIZATION-CODE	(LQ01='FD') LQ02/1300
6-9	4	TRANSPORTATION ACCOUNT CODE (TAC)	(N901='TH') N902/0400
10	1	<b>CONTROLLED INVENTORY ITEM CODE</b> (SECURITY-CLASSIFICATION-CODE)	(LQ01 = 'EQ') LQ02/1300
11-24	14	DOCUMENT-NUMBER	(N901 = 'TN') N902/0400
25	1	SUFFIX-CODE	(N907-01="W8") N907-02/0400
26-31	6	<b>PARTY TO RECEIVE STATUS</b> (SHIP-FROM-SRAN)	(N101="Z1",N103="M4") N104/1100
32-37	6	<b>SHIP TO</b> (SHIP-TO-SRAN)	(N101 = 'BS' or 'ST', N103='10', 'A2') N103/1100 N104/1100
38-40	3	<b>SHIP TO RIC</b> (SHIP-TO-RID)	(N101='BS'or'ST',N103='M4') N104/1100



41-55	15	NATIONAL-STOCK-NUMBER	(W0104='FS') W0105/0200
56-74	19	ITEM-NOMENCLATURE	(W0104 = 'FT', W0106 = 'CN') W0107/0200
75-76	2	UNIT-OF-ISSUE	W0102/0200
77-81	5	QUANTITY-TO-BE-SHIP	W0101/0200
82-87	6	SUPP ADDRESS	(N101 = "Z1", N103 = '10') N104/1100
<del>88-89</del>	<del>2</del>	<del>SYSTEM-DESIG</del>	<del>(LQ01 = '94') LQ02/1300</del>
90-91	2	PRIORITY DESIGNATOR	(LQ01 = '79') LQ02/1300
92-115	24	SHIP-TO-NAME	(N101 = 'DA') N102/1100
116-139	24	SHIP-TO-STREET-ADDRESS	(N101 = 'DA') N301/1102
140-157	18	SHIP-INSTALLATIONS OR CITY	(N101 = 'DA') N401/1103
158-162	5	STATE OR COUNTRY (ABBREVIATION)	(N101 = 'DA') N402/1103 (STATE) (N101 = 'DA') N404/1103 (COUNTRY)
163-171	9	ZIP-CODE	(N101 = 'DA') N403/1103
172-180	9	SPECIAL-PACKING-INSTRUCTION-NUMBER	(N901= 'KD') N902/0400
181-182	2	TYPE-CARGO-CODES (2 per event maximum)	(LQ01 = 'NT') LQ02/1300
183-188	6	NATIONAL MOTOR FREIGHT CLASSIFICATION CODE	(LQ01 = 'NK') LQ02/1300
189-195	7	PROCESS DATE (ORDINAL-DATE)	(G6201= '09') G6202/0900 CCYYMMDD
196-205	10	SERVICEABLE-BALANCE	N/A
206-215	10	UNIT-PRICE	(AMT01 = 'LI') AMT02/0800

216- 225	10	EXTENDED-COST	N/A
226	1	PRECIOUS METALS INDICATOR CODE (PRECIOUS-METALS- CODE)	(LQ01 = '90') LQ02/1300
227- 229	3	EXPENDABILITY RECOVERABILITY REPARABILITY CODE (ERRCD)	(N901 = 'BY') N902/0400
230- 232	3	SOURCE OF SUPPLY RIC (RID)	(N101 = 'SUS', N103 = 'M4') N104/1100
233	1	SUPPLY CONDITION-CODE	(LQ01 = '83') LQ02/1300
234- 244	11	WAREHOUSE-LOCATION	N/A
245- 251	7	DATE-OF-LAST- TRANSACTION	N/A
252- 254	3	REQUIRED-DELIVERY- DATE	(G6201='BD') G6202/0900 (LQ01= 'AL') LQ02/1300 (LQ01= 'RC') LQ02/1300  Note: If the RDD is <= 366 then it is a date and will be stored in the G6201=BD in the format CCYYMMDD. If it is a MICAP RDD (starts with N or E or equals 999) then Q01=AL will have a value of 'N' and LQ01=RC will have the RDD. All other values will be stored in the LQ01=AL unchanged.
255- 257	3	PROJECT-CODE	(LQ01 = '78') LQ02/1300
258	1	SERIALIZED-REPORT- CODE	N/A
259	1	SIGNAL-CODE	(LQ01= 'DE') LQ02/1300
260- 261	2	FUND-CODE	(FA201 = 'B5') FA202/3000  (FA101 = 'DY', FA102 = '340')
262- 276	15	SERIAL NUMBER	(N901 = 'SE')

277-1161 UP TO 59 ADDITIONAL SERIAL NUMBERS

Note: If SRC equals A, C, D, R, S, or W, the first Serial Number will appear in position 1 of line 6. There can be a maximum of 12 lines with 5 Serial Numbers in each for a total of 60 Serial Numbers. The Serial Number can be up to 15 characters.

**DLMSO STAFFING NOTE: Serial Numbers shall only be provided if the item being shipped is under a registered UIT Designator Code per DOD 4000.25-M, Volume 2, Chapter 19.**

## Enclosure 2, Comment Resolution

Item #	Received From	Comments	Resolution
1.	SBSS/ILSS	"... We have elected to use the XAA/XAR option. Please have DAAS map these transaction to the FTA/FTR in the CMOS UDF."	Substitution plan incorporated into approved addendum to ADC 316D. Mapping table (see Encl. 1) updated.
2.	DAASC	"...we need to know if DLMSO will allow these 2 docids [FT1/FT2] to be used or if another series, like B?? or X??, would be better. Regardless we should be able convert to FTR or FTA for transmittal to CMOS."	Based on MILSTRIP business rules, existing DAAS maps, and a search in DAAS history, XAA and XAR selected as the replacement DICs for the Air Force unique FTA/FTR transactions.