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IN REPLY
REFER TO DLMSO

June 3, 2009

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Approved Defense Logistics Management System (DLMS) Change (ADC) 309, Notice of Availability (NOA) and NOA Reply Transaction Data Content/Mapping including Addition of Type Pack Code for 463L Pallets (Supply/Transportation) (Staffed as PDC 318)

The attached change to DOD 4000.25-M, DLMS, and DOD 4000.25-1-M, Military Standard Requisitioning and Issue Procedures (MILSTRIP) is approved. Type Pack Code 463L Pallets is effective immediately. There is no current schedule for DLMS implementation NOA/NOA Reply by the Distribution Standard System. Coordination between DAASC and USTRANSCOM for integrated data environment is requested prior to map updates projected for October 2009. The updated DLMS Supplement will be posted to the Defense Logistics Management Standards Office (DLMSO) Web site <http://www.dla.mil/j-6/dlms0/elibrary/TransFormats/formats.asp> within 10 days from the above date for implementation planning.

Addressees may direct questions to the DLMSO points of contact: Ms. Ellen Hilert, Chair, Supply PRC, 703-767-0676; DSN 427-0676; or ellen.hilert@dla.mil or Ms. Heidi Daverede, 703-767-5111, DSN 427-5111, or Heidi.Daverede@dla.mil. Others must contact their Service or Agency designated representative.

A handwritten signature in purple ink that reads "Donald C. Pipp".

DONALD C. PIPP
Director
Defense Logistics Management
Standards Office

Attachment

cc:
DUSD(L&MR)SCI

ADC 309
NOA and NOA Reply Transaction Data Content/Mapping
including Addition of Type Pack Code for 463L Pallets

1. ORIGINATOR:

a. Service/Agency: Defense Logistics Agency (DLA)

b. Originators:

(1) Ms. Ellen Hilert, Chair, Supply Process Review Committee, 703-767-0676; DSN: 427; e-mail: ellen.hilert@dla.mil

(2) Heidi Daverede, Defense Logistics Management Standards Office (DLMSO), 703-767-5111, DSN 427, e-mail: heidi.daverede@dla.mil

2. FUNCTIONAL AREA: Primary: Supply/MILSTRIP; Secondary: Transportation

3. REFERENCE:

a. DOD 4000.25-1-M, Military Standard Requisitioning and Issue Procedures (MILSTRIP)

b. DOD 4000.25-M, Defense Logistics Management System (DLMS)

c. Type Pack Code Conversion Guide at Defense Logistics Management Standards Office Website <http://www.dla.mil/j-6/dlmsso/eApplications/LogDataAdmin/dlmsansiconverguides.asp>

4. REQUESTED CHANGE:

a. Description of Changes: This is a multi-purpose change which updates data content related to the Notice of Availability (NOA) and NOA Reply. This revision:

(1) Resolves a DLMS/MILS conversion issue between the MILSTRIP AD5 and the comparable DLMS 870N, Notice of Availability Reply. Revisions are identified to add a code and DLMS note to DLMS Supplement 870N supporting what the DAAS map has already implemented, and add a future enhancement to the process to identify the NOA submitter.

(2) Modifies the location of the type pack code in the DS 856N, Notice of Availability.

(3) Updates MILSTRIP Appendix 3.30 to correctly identify the authorized data source for valid DoD Type Pack Codes.

(4) Updates the Type Pack Code Conversion Guide to add a type pack code for 463L pallet and its applicable X12 conversion code.

(5) Updates the DLMS and MILSTRIP Manuals References and Abbreviations sections to include a definition of United States Transportation Command's (USTRANSCOM) Table Management Distribution System (TMDS) and its associated URL.

b. Background:

(1) During review, a disconnect between the NOA Reply data element for Qualifier CY, Country Code, and Qualifier 38, Country Code, was identified. The DAAS mapping document currently shows the following:

Field Name	Record Position	Conditions	DLMS Data Element
Country	RP 19-20	None	N101=CY N103=38 N106=FR

However the qualifier "38" is not a valid value for N103 in the 870N DLMS Supplement. USTRANCOM requested that DAASC and DLMSO reconcile the discrepancy, with the preferred solution for DLMSO to add "38" to the list of valid code values for N103 in the N1 segment. DLMSO concurred that there is a gap to identify the "from activity" as required under X12. The actual country code is suitable for MILS functionality; however this is not the same as the country representative or freight forwarder identification which was the intent of the DLMS transaction (as evidenced by the current DLMS notes). DLMSO recommended corrections to properly identify current functionality and to identify future enhancements.

(2) The United States Transportation Command, as the Authoritative Data Source, moved the DoD Type Pack Code table from the DTR 4500.9-R, Part II to the Table Management Distribution System (TMDS). The website URL is as follows: https://www-tmnds.c2.amc.af.mil/TMDS/DTRdata.xsql?result=&view=V_TYPE_PACK&skip=0&max=10. During a recent review of the type pack code for 463L pallet, we discovered that this code is missing in the DLMSO Type Pack Code Conversion Guide. Furthermore, the X12 conversion published by USTRANSCOM for this code is incompatible with the authorized X12 codes for the TD101 data element in the DS 856N.

c. Procedures:

(1) Revise DLMS Supplement 870N (NOA Reply) and associated DAAS map to:

(a) Designate existing Qualifier CY (country) for identification of the FMS country and insert the missing Qualifier 38 (country) to identify the value associated with the country code;

(b) Remove unnecessary qualifiers from the list of enhancement values for types of code lists used to identify the transaction originator.

(c) Incorporate planned enhancements for identification of the FF and CR are as DLMS enhancements.

#	Location	DS 870N Notice of Availability Reply	Reason
1.	DLMS Introductory Notes	<p><u>Added DLMS Introductory note 4 and ADC 309 :</u></p> <p>4. This revision to the DLMS Supplement (DS) incorporates Proposed DLMS Changes (PDCs) and Approved DLMS Changes (ADCs) listed. PDCs and ADCs are available from the DLMSO website: http://www.dla.mil/j-6/dlmso/elibrary/Changes/processchanges.asp</p> <p>- ADC 309, NOA and NOA Reply Transaction Data Content/Mapping including Addition of Type Pack Code for 463L Pallets.</p>	Identifies DLMS Changes included in the DLMS Supplement
2.	1/N101/50	<p><u>Insert new DLMS note 3 and 4 at N101:</u></p> <p>N101 Entity Identifier Code DLMS Note: 1. Use only one of code 98 or CY. 2. For DLMS use, only the following codes are authorized. 3. For conversion between MILS and DLMS formats, the transaction originator will always be identified by Qualifier CY using the MILSTRIP Country Code. 4. Identification of the Freight Forwarder (FF) or Country Representative (CR) are identified as DLMS enhancement; see introductory DLMS note 3a. Use of this enhancement requires a second iteration of the N1 loop (refer to ADC 309).</p> <p>98 Freight Management Facilitator DLMS Note: This is a DLMS enhancement to identify the FF originating the transaction set. CY Country DLMS Note: 1. Use to identify the FMS country associated with the NOA reply. 2. Use as a DLMS enhancement to identify the CR originating the transaction set.</p>	Correction and clarification of appropriate usage.
3	1/N102/50	<p><u>Open N102 with corresponding note:</u> N102 Name DLMS Note: This is a DLMS enhancement for identification of the FF or CR by clear text where coded address is not available.</p>	

#	Location	DS 870N Notice of Availability Reply	Reason
4.	1/N103/50	<p>Insert new codes 38 and A2 at N103 with corresponding DLMS notes. Delete DUNS numbers, DoDAAC, and RIC as options for the originator of the NOA reply.</p> <p>N103 Identification Code Qualifier 38 Country Code DLMS Note: <i>Use with N101 Qualifier CY to identify the FMS country code (MILSTRIP) applicable to the NOA reply. (Must be consistent with the NOA and original requisition content). Use of the ISO country code is not authorized for this purpose. Note: The code list is the same as DLMS Qualifier Code list for Country and Activity Code, Qualifier 85)</i></p> <p>A2 Military Assistance Program Address Code (MAPAC) DLMS Note: <i>This is a DLMS enhancement for use of the constructed MAPAC to identify the FF or CR. Requires coordination prior to use.</i></p> <p>1 D U N S Number, Dun & Bradstreet 9 D U N S + 4, D U N S Number with Four Character Suffix 10 Department of Defense Activity Address Code (DODAAC) M4 Department of Defense Routing Identifier Code (RIC) DLMS Note: The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assessed at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier.</p>	<p>Clarifies current mapping which perpetuates the MILSTRIP country code from the NOA Key Document number.</p> <p>Identifies a more appropriate DLMS enhancement for identification of the transaction originator and removes inappropriate options.</p>

(2) Revise 856N Notice of Availability to:

(a) Re-locate the type pack code so that a DoD code may be used without requiring use of a conversion table to transmit in the DLMS format.

(b) Remove unnecessary qualifiers from the list of potential enhancement values for types of code lists use to identify the transaction originator/recipient.

#	Location	Revision to 4010 856N, Notice of Availability	Reason for Change
1	DLMS Introductory note	<p><u>Add the following DLMS Introductory note 5 and ADC 309:</u></p> <p>5. This revision to the DLMS Supplement (DS) incorporates Proposed DLMS Changes (PDCs) and Approved DLMS Changes (ADCs) listed. PDCs and ADCs are available from the DLMSO website: http://www.dla.mil/j-6/dlms0/elibrary/Changes/processchanges.asp</p> <p>- ADC 309, NOA and NOA Reply Transaction Data Content/Mapping</p>	To identify changes in the DS.

		<i>including Addition of Type Pack Code for 463L Pallets</i>	
2	2/TD101/110	<p>Delete current notes and mark data element “Not Used”</p> <p>Packaging Code Federal Note: Use to identify the shipment unit type pack.</p> <p>DLMS Note: DLMS users see the Type of Pack Conversion Table for available codes.</p>	Type Pack Code is re-located to the 2/LQ02/0350 eliminating the need for use of the DLMS Conversion Table for the 856N and the disconnect for migration code “PLL” which is not authorized for use in the source list for this data element (DE 103).
3.	2/N103/220	<p>Delete DUNS numbers, DoDAAC, and as potential options for the <u>originator/recipient of the NOA.</u></p> <p>1 D U N S Number, Dun & Bradstreet 9 D U N S + 4, D U N S Number with Four Character Suffix 10 Department of Defense Activity Address Code (DODAAC)</p>	Eliminates confusion caused by unnecessary options.
4	2/LQ01/350	<p>Add new qualifier and DLMS Note:</p> <p>40 Type Pack Code <i>DLMS Note: Use the DOD code to describe the type of pack for the shipment unit. Refer to the Table Management Distribution System (TMDS) available at URL: https://www-tmds.c2.amc.af.mil/TMDS/USTRNSCOM_index.xsql for applicable code list. (ADC 309 includes an abbreviated listing to facilitate implementation within DoD supply systems.)</i></p>	Enable entry of the DOD Type of Pack code.

(3) Add the following reference to the DOD 4000.25-M, References, and DOD 4000.25-1-M, References:

Table Management Distribution System: <https://www-tmds.c2.amc.af.mil/TMDS/>

(4) Add the following acronym to the DOD 4000.25-M, Acronyms and Abbreviations, and DOD 4000.25-1-M, Abbreviations:

TMDS **Table Management Distribution System**

(5) Revise DLMS Data Element code list for Type Pack Code (Qualifier 40) and Type Pack Code Conversion Guide to include 463L Air Pallet. Note that the use of “PLL” is a “migration code”, as designated and coordinated by USTRANSCOM. It only applies to X12 segments mapped to data element table 211. The use of a “migration code” refers to establishing an agreement with all trading partners to use a valid X12 code from a higher version with the

approved X12 definition, at a lower version of X12. Manual intervention will be needed for some commercial applications to accept the higher version code.

Name/Definition	DOD Code	X12 Code
463L Air Pallet	LP	PLL (Note: This is a “migration code” from V4060 DE 211)

(6) Revise MILSTRIP, Appendix 3.30, FMS NOA Key Document, as shown:

Field Legend	Record Position(s)	Entry and Instructions
Type of Pack	24-25	Identifies the type of pack used for the shipment unit (see <i>TMDS DTR</i>) ¹ .

 1. Refer to the TDMS at URL: https://www-tmids.c2.amc.af.mil/TMDS/USTRNSCOM_index.xsql for applicable code list.

Staffing Note: The TMDS is the authoritative source; however this code list is undergoing transition to eliminate redundancy; therefore, an abbreviated version is provided at Enclosure 1 to facilitate implementation within DoD supply systems.

5. REASON FOR CHANGE:

a. USTRANSCOM personnel supporting Global Transportation Network Pre-Planned Product Improvement (GTN P31) identified a gap between the MILSTRIP format and the equivalent DLMS requiring corrective action.

b. The type pack code for 463L air pallet was missing from the type pack code conversion guide to support the 856N, Notice of Availability, DLMS Supplement, and the MILSTRIP Appendix 3.30 contained an outdated reference for the authorized data source for the type pack code. Since the X12 conversion for the 463L air pallet is incompatible with the current location for the type of pack in the 856N, the data element is being moved to the LQ segment, wherein the full range of DOD Type Pack Codes is authorized for use.

6. ADVANTAGES AND DISADVANTAGES:

a. **Advantages:** Corrects inconsistencies and gaps.

b. **Disadvantages:** None identified.

7. Impact:

a. Modifies DOD 4000.25-1-M, Military Standard Requisitioning and Issue Procedures (MILSTRIP) Appendix 3.30 and comparable changes to the DOD 4000.25-M, Defense Logistics

Management System (DLMS) Manual.

b. Modifies the Type Pack Code list and Conversion Guide

c. The DAASC map for the 856N must be updated to reflect the new location for entry of the Type Pack Code.

d. **The DAASC map for the 856N needs to be updated to allow for the use of a MAPAC to identify the FR** (currently it only identifies the mapping for the use of qualifier CY for the CR associated with the constructed MAPAC). This gap is not identified above because the DLMS format is not impacted.

e. The DAASC map for the 870N is correct for the mapping of the Country Code, but should be updated to identify enhancements for use of the CR/FF as the originator.

f. DSS and GTN P3I will need to update their 856N message format to reflect the new location for entry of the Type Pack Code. Updates may be needed for transaction originator to remain consistent with changes identified above (specifically DAAS map gap to identify the NOA directed to the FR in paragraph 7.d). **Staffing Note: DAASC** is requested to coordinate with USTRANSCOM IGC PMO after the change is published as an ADC, and at least 90 days prior to implementation, in order to determine the exact date the change will be affected. This will allow IGC to make the necessary changes to the ETL on their system in order to process the new transaction format and not have data fail to load.

Enclosure 1, Type Pack Codes (Abbreviated List)

Staffing Note: Below is an abbreviated list of the Type Pack Codes derived from the TMDS. This is the authorized list for use in the Transportation Control and Movement Document (TCMD) 858B Implementation Convention published by USTRANSCOM¹ and may be used as the source of type pack codes for the NOA. This list is abbreviated because it eliminates redundancies for variations of MSCVAN and SEAVAN due to variation of load and responsible parties for loading, etc. The list provides the DoD Code as authorized for use under this ADC in the NOA, the applicable X12 Code for those transactions where the Type Pack is mapped to the X12 data element, and the associated definition for DoD use (some deviate from the X12 definition).

DoD Code	X12 Code	DoD Definition
AB	MSV	Military Sealift Command Van (MSCVAN)
BD	BDL	Bundle
BE	BAL	Bale
BG	BAG	Bag, burlap or cloth
BL	BBL	Barrel
BS	BSK	Basket
BX	BOX	Box
CA	CAB	Cabinet
CB	CBY	Carboy
CC	CNA	Household Goods (HHG) containers, wood
CL	COL	Coil
CM	CNB	Container, MAC-ISO, lt. wgt. 8x8x20 foot air
CN	CAN	Can
CO	CNT	Container, other than CC, CM, CU, CW, MW, MX
CR	CRT	Crate
CS	CAS	Case
CT	CTN	Carton
CU	CNC	Container, Navy cargo transporter
CW	CND	Container, commercial highway lift
CY	CYL	Cylinder
DB	DUF	Dufflebag
DR	DRM	Drum
EC	CNE	Engine container
ED	CRD	Engine cradle or dolly
EN	ENV	Envelope
FK	TRK	Footlocker (Trunk)
HA	HPR	Hamper
KE	KEG	Keg

¹ Final Draft 20090424, Department Of Defense Transportation EDI Convention (B) TCMD

LP	PLL²	463L Air Pallet
LS	LSE	Loose, not packed
MW	CNF	Multiwall container secured to warehouse pit
MX	MXD	Mixed
PC	PCS	Piece
PL	PAL	Pail
PT	PLT	Palletized unit load other than code MW
RL	REL	Reel
RO	ROL	Roll
RT	WHE	RORO (roll-off, roll-on)
SA	SAK	Sack, paper
SB	SKE	Skid, box
SD	SKD	Skid
SH	SHT	Sheet
SL	SPL	Spool
SW	SCS	Suitcase
TB	TUB	Tub
TC	TKR	Tank Car
TK	TRU	Truck
TT	TKT	Tank Truck
TU	TBE	Tube
UX	UNT	Unitized (use RT for unitized cargo on RORO)
VC	VPK	Van chassis
VE	VEH	Vehicle
VO	VOC	Vehicle in Operating Condition
VS	TBN	SEAVAN - TOTE
WR	WRP	Wrapped
X1	CNX	CONEX (Gov't owned container)
YB	MLV	MILVAN
ZB	SVN	SEAVAN

² Migration code

Enclosure 2, Comment Resolution

	Originating Component	Comment	Response
1	DFAS	DFAS has no comments or recommendations on PDC 318.	
2	DLA	DLA have reviewed the PDC 318 and are in agreement with its content. DLA concurs there will be no impact for EBS.	DLMSO alerted DLA that impact applies to DSS.
3	USTRANSCOM	<p>The proposed change for the type pack code in the 856N requires changes to the ETL in our database for P3I.</p> <p>I would ask if it is reasonable for us to get a 90 day notice from DAASC before the implement this change in the MILS to EDI conversion that they perform (translation). Also, this will require close coordination between DAASC and P3I so that when they change the mapping (to reflect the changes dictated by this change) that we change our ETL at the same time.</p>	Concur - Lead time to be provided implementation
4	DLA J6UEA	Other than our goal of finishing our DLMS migration as you stated, there is no imminent need to convert NOAs -- I am unaware of any 'schedule' for implementation of the NOA/reply to DLMS	Noted
5	DAASC	<p>Since we only receive NOAs for Germany, DAASC passes "all" AD1/2/3/4/Rs to a internal pseudo RIC (Y25) which is loaded to a DAMES account owned by the German Logistics Representative in Wash DC.</p> <p>If we were to receive NOAs for other countries our logic would have to change. Most likely we would key on the MAPACs in the detail records.</p> <p>I'm checking all of 2008 but don't believe we ever receive AD5s (NOA Reply) which are passed to the RIC in rp 4-6.</p>	Noted
6	USASAC traffic mgmt	Concur	
7	Navy	NAVSUP interposes no objection to this PDC as written.	