IN REPLY
REFER TO

September 25, 2012

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Proposed Defense Logistics Management System (DLMS) Change (PDC) 1040, Migrate Inter-Service Ammunition Serial Number and Lot Number Transactions (NAVSUP P-724 BG1/BG2) to DLMS 945A Materiel Release Advice

    The attached proposed change to Defense Logistics Manual (DLM) 4000.25-M, Defense Logistics Management System (DLMS) is forwarded for evaluation and submission of a single coordinated Service/Agency position.

    Request you review the attached proposed change and provide your comments/concurrence to DLA Logistics Management Standards Office no later than **30** days from the date of this memorandum. If non-concurrence is provided, please provide an alternate method to meet the requirement being addressed.

    Addressees may direct questions to Ms. Ellen Hilert, DOD MILSTRIP Administrator, 703-767-0676 or DSN 427-0676, e-mail: ellen.hilert@dla.mil or Ms. Heidi Daverede, DOD MILSTRIP Alternate, 703-767-5111; DSN 427-5111, e-mail: heidi.daverede@dla.mil. Others may direct questions to their Service or Agency designated Supply PRC representative.

DONALD C. PIPP
Director
DLA Logistics Management
Standards Office

Attachment
As stated

cc:
ODASD(SCI)

Attachment to PDC 1040
Migrate Inter-Service Ammunition Serial Number and Lot Number Transactions
(NAVSUP P-724 BG1/BG2) to DLMS 945A Materiel Release Advice

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:

    a. <u>Technical POC</u>**:** PEO EIS Army Logistics Modernization Program (LMP), (856) 988-4878

    b. <u>Functional POC</u>**:** Navy Supply Process Review Committee representative, NAVSUP 421, DSN 430-7510, commercial (717) 605–7510; the Navy Supply Information Systems Activity (NAVSISA); and, the Naval Operational Logistics Support Center (NOLSC)

2. FUNCTIONAL AREA:

    a. Primary/Secondary Functional Area: Supply/Logistics

    b. Primary/Secondary Functional Process: Order Fulfillment/Requisition Processing

3. REFERENCES:

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

    b. NAVSUP P-724, Rev 12, Conventional Ordnance Stockpile Management, Volume I Ashore

    c. Approved DLMS Change (ADC) 261, Migrate Navy Serial Number and Lot Number Transactions (NAVSUP P-724 BG1/BG2) to DLMS 527R Receipt, 867I Issue, and 947I Inventory Adjustment

    d. ADC 283, Migrate Serial Number and Lot Number Transactions (NAVSUP P-724 BG1/BG2) to DLMS 846R Location Reconciliation Request

    e. ADC 445, Adopt Navy Serial Number and Lot Number Transactions (NAVSUP P-724 BG1/BG2) to Air Force and Marine Corps Ammunition System Use for DLMS 527R Receipt, 846R Location Reconciliation Request, 867I Issue, and 947I Inventory Adjustment

4. REQUESTED CHANGE:

    a. **Overview:** This change updates the DLMS 945A, Materiel Release Advice, to incorporate data contained in Navy NAVSUP P-724 Serial Number and Lot Number Reports for Inter-service Ammunition (Reference 3.b.). It requires DLA Transaction Services' Defense Automatic Addressing System (DAAS) conversion mapping to move the data from the DLMS format to the legacy format in support of legacy ammunition systems.

    b. **Background:** ADC 261 (Reference 3.c.) previously added Navy BG1/BG2 data to

the DLMS 527R Receipt, 867I Issue, and 947I Inventory Adjustment. ADC 283 (Reference 3.d.) added Navy BG1/BG2 data to the DLMS 846R Location Reconciliation. Finally, ADC 455 (Reference 3.e.) extended the previous Navy BG1/BG2 data to the Air Force and Marine Corps.

      c. Intent of the transaction: Military Services require the capability to report inter-service ammunition lot and serial number information related to the Materiel Release Confirmation (DLMS 945A/Document Identifier Code (DIC) AR_) transactions, and utilized the Navy BG1/BG2 data to transmit this information. The USAF and USMC have agreed to use the NAVSUP P-724 BG1/BG2 format, which is given in Enclosure 1.

      d. Scenario for which the transaction is used: When a materiel release confirmation from the Army, to the Air Force, Marine Corps, and Navy for ammunition items that are serial and/or lot number managed, the serial number and/or lot number of the items will be reported in separate DIC BG1 or BG2 transactions.

      e. Procedures, transactions, data elements, processing details in use today:

      (1) Current DLA Transaction Services mappings do not include BG1/BG2 data in association with a materiel release confirmation.

      (2) The activities that are receiving materiel release confirmation transactions (without serial number/lot data content) are:

- Combat Ammunition System (CAS) (Ogden/Warner Robins Air Logistics Center – Routing Identifier Code (RIC) FG5, FGZ, FL5, FLZ)
- Ordnance Information System – Marine Corps (OIS-M) (Program Manager for Ammunition, Marine Corps Systems Command – RIC MHQ)
- Ordnance Information System OIS – Wholesale (OIS-W) (Naval Operational Logistics Support Center – RIC NCB)

      f. Proposed procedures: The Army LMP will generate the materiel release confirmation containing the additional data content for serial number/lot reporting. DLA Transaction Services will convert the DLMS, as needed, to separate legacy transactions for the materiel release confirmation and the lot/serial number reporting transactions. The logic for the routing of these transactions will be based on the RIC-To: (2/N1/80: N101=Z4, N103=M4, N106=TO, N104 = FG5, FL5, FGZ, FLZ, MHQ, NCB).

      g. DLMS Supplement revisions: Revise DLMS 945A as follows.

Item #	Location	Revision to 945A, Materiel Release Advice	Reason
1.	DLMS Introductory Notes	Add new DLMS Introductory Note 2 and renumber remaining notes: **DLMS Note:** *2. This transaction also accommodates the functionality*	To identify additional transaction functionality accommodated in DLMS Supplement.

		for serial/lot number reporting transactions (based on non-DLSS Document Identifier Code BG1/BG2 published by NAVSUP P-724).	
2.	DLMS Introductory Notes	Add paragraph 3f. to existing DLMS Introductory Note: *f. Data required to accommodate Component-unique transaction requirement. Data does not apply to DLSS transactions.*	To indicate inclusion of component unique transactions.
3.	DLMS Introductory Notes	Add PDC 1040 to DLMS Introductory note 5: *- PDC 1040, Migrate Inter-Service Ammunition Serial Number and Lot Number Transactions (NAVSUP P- 724 BG1/BG2) to DLMS 945A, Materiel Release Advice*	To identify DLMS changes included in the DLMS Supplement.
4.	2/LQ01/100	Revise DLMS note 1 for Qualifier 0 and replace exiting note 2 with new note 2: **0 Document Identification Code** **DLMS Note:** *1. The DLSS ~~DI Code~~ DIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the ~~DI Code~~ DIC in a full DLMS environment will be assessed at a future date.* *2. In a mixed DLSS-DLMS environment, for the inter-service ammunition interfaces, when including BG1/BG2 data, Army must use 2 iterations of LQ to provide DIC AR_ as well as either DIC BG1 or BG2 as applicable, to alert DAAS of BG1/ BG2 requirement for inter-service ammunition transactions. See PDC 1040.*	To identify BG1/BG2 data is included in transaction during mixed DLSS/DLMS environment. This will assist with DAAS mapping from Army LMP generated 945A to DLSS AR0, ARA and ARB with inter-Service ammunition BG1/BG2 transactions, for trading partner operating in DLSS. Also editorial corrections to remove note about streamlining and ensure consistent use of the abbreviation "DIC" for Document Identification Code.
5.	2/LX/110	Add new DLMS Note 2, renumber remaining notes: *2. Use for serial/lot number reporting of ammunition. Authorized DLMS enhancement for inter-service ammunition use. See introductory DLMS note 3f. See PDC 1040.*	Identifies authorized use.
6.	2/N907-01/120	Open N907 for use. Add the new Qualifier 0N and DLMS notes: **0N Attached To** **DLMS Note***:*	Using N9 segment to convey a quantity for a given lot number since no quantity segment is available in the

		1. Use with N901=BT (Batch Number) to identify the Lot Size for the lot number identified in N902. Authorized DLMS enhancement for inter-service ammunition use. *2. DLMS Component unique enhancement (DIC BG1/BG2, rp 25-29). See introductory DLMS note 3f. See PDC 1040.*	transaction structure for the UIT loop (LOOP ID-0312) for use with lot number. There could be multiple lot numbers associated with a given materiel release transaction. Total materiel release quantity is conveyed at 2/QTY02/55.
7.	2/G62/130	Move Federal Note to DLMS Note level for the segment and delete existing DLMS Note at segment level. **DLMS Note:** *Use to identify dates associated with the UIT item.*	To add date requirement associated with inter-service ammunition BG1/BG2 serial/lot number reporting transaction.
	2/G6201/130	Revise notes for existing Qualifiers BK and BL and add new Qualifier 36 with DLMS note: **36 Expiration Date** **DLMS Note:** 1. *Use to identify the expiration date of the reported item. Authorized DLMS enhancement for inter-service ammunition* *2. DLMS Component unique enhancement (DIC BG1/BG2, rp 9-11). See introductory DLMS note 3f. See PDC 1040.* **BK Warranty Expiration** **DLMS Note:** *1. Use to indicate the date when the materiel warranty expires.* *2. DLMS enhancement; See introductory DLMS note 3a.* **BL Manufacture** **DLMS Note:** *1. Use to identify the date of manufacture of the materiel identified.* *2. DLMS enhancement; See introductory DLMS note 3a.*	Administrative updates to retain enhancement notes with existing qualifiers.
8.	2/G6201/130	Add new Qualifier BX with DLMS note:	To add date requirement associated with inter-

		BX Action **DLMS Note:** 1. *Use to identify the maintenance due date (the date that maintenance is due on the item). Authorized DLMS enhancement for inter-service ammunition.* 2. *DLMS Component unique enhancement (DIC BG1/BG2, rp 9-11). See introductory DLMS note 3f. See PDC 1040.*	service ammunition BG1/BG2 serial/lot number reporting transaction.

h. Proposed transaction flow: No new transactions are required, with the exception of the addition of the BG1/BG2 trailer transactions to accompany the 945A Materiel Release Confirmation transactions.

i. Alternatives: Systems migrating to DLMS, or already processing other transactions in DLMS would be required to continue to follow the limitations and processes of the legacy DLSS processes.

5. REASON FOR CHANGE: Documents and incorporates DLSS and DLMS requirements to support the ammunition processing between the Army and Air Force, Marine Corps and Navy; and to facilitate ammunition accountability.

6. ADVANTAGES AND DISADVANTAGES:

a. Advantages: Incorporating the BG1/BG2 data into the DLMS 945A, and providing DAAS mapping guidance for use in converting to DLSS location reconciliation request transactions, with supporting inter-service ammunition BG1/BG2 serial/lot number reporting transactions, is in keeping with the intent of utilizing the DLMS format and DLA Transaction Service's mission of translating and routing various supply actions to and from trading partners. Without this change, the Army LMP system would be required to continue generating 80-record position BG1/BG2 transactions for the Air Force, Marine Corps, and Navy ammunition trading partners operating in DLSS, after Army LMP has implemented DLMS.

b. Disadvantages: None known.

7. ASSUMPTIONS USED OR WILL BE USED IN THE CHANGE OR NEW DEVELOPMENT: Trading partner systems are currently DLSS compliant for the affected transactions, and will require translation by DLA Transaction Services. Upon conversion to DLMS, the receiving systems will no longer require DLA Transaction Services translation performed.

8. NOTE ANY REGULATIONS OR GUIDANCE: None

9. ESTIMATED TIME LINE/IMPLEMENTATION TARGET: The LMP design milestone is December 2013. Implementation is requested by May 2013 to ensure ammunition inventory accountability is maintained through the Joint Services.

10. IMPACT:

    a. New DLMS Data Elements: See Reference 3.c. for the detailed descriptions of the data elements. No additional data elements are required.

    b. Changes to DLMS Data Elements: None.

    c. DLA Transaction Services: Revise DAAS maps to accommodate converting from DLMS 945A, to DIC BG1/BG2 as follows. The format for the NAVSUP P-724 BG1/BG2 transaction is provided at Enclosure 1 as background. Note that unlike the transactions addressed in previous similar DLMS changes, Routing Identifier Code (From), Condition Code and Ownership/Purpose Code are not in the header transaction, thus are required to be included in the N1 segment (position 40/0100) and LQ segment (position 100/0312), respectively, utilizing the existing qualifiers identified in the DLMS Supplement.

Field Name	Legacy Format Positions	Revision to 945A Mapping	945A Position/Loop	Header Transaction (AR_) Positions
Document Identifier Code	1 –3	LQ01 = 0 LQ02 = BG1 or BG2	100/0311	N/A
Routing Identifier	4 –6	Perpetuate from N101 = Z4 N103 = M4 N104 = RP 4 – 6 N106 = TO	80/0310	4–6
Management Code	7	If G6201=BX, RP 7=P If G6201=36, RP 7=E **Staffing Note:** These codes are applicable to the legacy process and will not be perpetuated to the DLMS transaction. These codes are not reflected in MILSTRAP.	N/A	N/A
Blank	8			
Date to be posted	9 – 11	Maintenance (Inspection) Due Date G6201 = BX G6202 = RP 9-11 (format MYY. Month 1 – 9 represents January – September, O – October, N – November, D – December)	130/0312	N/A

		Expiration Date G6201 = 36 G6201 = RP 9-11 (format MYY. Month 1 – 9 represents January – September, O – October, N – November, D – December)		
NIIN	12 – 20	Derived from Positions 5-13 of W1217=FS	020/0310	Positions 5 – 13 of 8 – 22
Blank	21			
Purpose Code	22	LQ01 = A1 or 99 LQ02= RP 22	100/0311	N/A
Action Code	23 – 24	Always 7Z		
Quantity	25 – 29	For BG1, DAAS enter default value of 1 For BG2: If N907/C040-01 = 0N N907/C040-02 = RP 25 – 29 (No Leading Zeroes) If first position is "-" sign, must convert to 5 position number with leading zeroes and the first number to Alpha Character: } = 0, J=1, K=2, L=3, M=4, N=5, O=6, P=7, Q=8, R=9	120/0312	N/A
Document Number	30 – 43	Perpetuate from N901=TN N902=RP 30-43	040/0310	30 – 43
Blank	44			
Serial or Lot Number	45 – 65	If both N901 = BT and SE are present, RP 45 – 65 = N902 (N901=BT), ".", N902 (N901=SE) Else If N901 = BT or SE RP 45 – 65 = N902	120/0312	N/A
Consignee	66 – 71	N101 = CN N103=10 N104=RP 66 -71	80/0310	NA
Routing Identifier	72 – 74	N101 = SB N103 = M4 N104 = RP 72-74 N106 = FR	040/0100	N/A
Blank	75			

Current Condition Code	76	LQ01 = 83 LQ02 = RP 76	100/0311	N/A
Transaction Date	77 – 79	G6201=BB G6202=CCYYMMDD	110/0100	NA
Blank	80			

ENCLOSURE 1 TO PDC 1040

Excerpt from NAVSUP P-724 REV 12, CONVENTIONAL ORDNANCE STOCKPILE MANAGEMENT
VOLUME I ASHORE

SPLIT TRANSACTION REPORT FORMATS

Card Column	Entry	Remarks
1-3	BG1, BG2	Document Identifier BG1 – Serial Number or Lot and Serial Number Controlled Item Transaction BG2 – Lot Number Controlled Item Transaction
4-6	NCB	NCB for Navy or MHQ for 0T Cog Assets
7	MANAGEMENT CODE	Designates the type of posting. Used on the "YY" transaction date (MDD) posting "P" Container Code "C" or Expiration Date (EXP) Posting "E", otherwise leave blank.
8	TYPE MAINTENANCE DUE OR CONTAINER	Type of Maintenance Due on the reported item. To be reported on the code "YY" transaction for MK46 Torpedoes & ALMS. The Item of Record (AUR) or assembly) associated with a container. The Container Codes are provided in Attachment (2-28).
9-11	DATE TO BE POSTED	The MDD or expiration date of the reported item. The month and year (MW) will be provided. The type of date posting is determined by the management code in cc 7. Month – 1 through 9 represents January through September, O – October, N – November and D - December. This applies to the date posting "YY" transaction only.
12-20	NIIN	National Item Identification Number – the NIIN of the item being reported.
21	PREVIOUS PURPOSE CODE	The pervious purpose code of the reported item. Used on the purpose code change (AD transaction only) otherwise leave blank.
22	PURPOSE CODE	The current Purpose Code of the item being reported.
23-24	ACTION CODE	Identifies the action taken on the reported item.
25-29	QUANTITY	BG1 transactions – blank or 00001 is acceptable. BG2 transactions – the quantity of the item by lot

number reported in cc 45 thru 65 of the transaction. (right justified and preceding zeros) The reversal indicator is punched in cc 25.

30-43	DOCUMENT NUMBER	A non-duplicative number used to identify individual transactions. See NAVSUP Pub 485 for more details.
44	BLANK	
45-65	SERIAL or LOT NUMBER	Serial, Lot or Lot and Serial Number of the reported item. Left justify, no special characters or spaces with the exception of the dash and period separator. The period will separate Lot and Serial Number for MCC "E" items. Local activities with a slash should report a period.
66-71	CONSIGNEE	Activity Address Code (ACC) of consignee for materiel.
72-74	ROUTING IDENTIFIER	Routing Identifier of the reporting activity.
75	PREVIOUS CONDITION CODE	Previous Condition Code of the reported item. Used on the Condition Code change transaction "AC" only, otherwise leave blank.
76	CURRENT CONDITION CODE	Current Condition Code of the reported item.
77-79	TRANSACTION DATE	Three digits Julian date of the report.
80	BLANK	